LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.282	29	32	44	rBV	5218522	6031169	1.25%	0.093%
2	1.386	44	49	57	rVV2	41623925	55787856	11.56%	0.862%
3	1.441	57	58	67	rVV	4953867	5871835	1.22%	0.091%
4	1.770	107	112	135	rVV2	102052043	258350180	53.55%	3.990%
5	1.935	135	139	142	rVV	8180470	12422702	2.57%	0.192%
6	1.983	142	147	161	rVV4	73777467	163077316	33.80%	2.518%
7	2.099	161	166	177	rVV2	50739273	84011377	17.41%	1.297%
8	2.197	177	182	185	rVV	28003412	44072250	9.13%	0.681%
9	2.245	185	190	203	rVV2	74690232	130797560	27.11%	2.020%
10	2.374	203	211	236	rVB	5322100	11756324	2.44%	0.182%
11	2.825	263	285	288	rBV2	36022994	124725951	25.85%	1.926%
12	2.873	288	293	298	rVV2	57081778	137844154	28.57%	2.129%
13	2.916	298	300	327	rVB2	27491562	75103595	15.57%	1.160%
14	3.154	327	339	363	rVB2	39731141	94857266	19.66%	1.465%
15	3.373	363	375	386	rBV	15592284	37171656	7.70%	0.574%
16	3.507	386	397	409	rBV	31854475	75474746	15.64%	1.166%
17	3.648	409	420	426	rBV	14480054	39139886	8.11%	0.604%
18	3.733	426	434	439	rBV	18046563	44954876	9.32%	0.694%
19	3.794	439	444	453	rVB	26302265	62908974	13.04%	0.972%
20	3.904	453	462	468	rBV	15579870	40866751	8.47%	0.631%
21	3.971	468	473	477	rBV	7255923	16903350	3.50%	0.261%
22	4.178	496	507	516	rBV	24116529	66419723	13.77%	1.026%
23	4.294	516	526	533	rVV	18872533	60853938	12.61%	0.940%
24	4.391	533	542	552	rVV2	52462918	159784290	33.12%	2.468%
25	4.507	552	561	577	rVB	7536891	22519518	4.67%	0.348%
26	5.288	658	689	707	rBV2	32550020	117015734	24.25%	1.807%
27	5.452	707	716	723	rBV3	1606486	5728660	1.19%	0.088%
28	5.568	723	735	748	rVV3	23793978	103836266	21.52%	1.604%
29	5.727	748	761	779	rVB	43260694	151327084	31.37%	2.337%
30	5.916	779	792	806	rBV2	15617558	46850384	9.71%	0.724%
31	6.141	806	829	837	rBV2	60607544	189944715	39.37%	2.933%
32	6.287	837	853	855	rVV2	12950190	47422296	9.83%	0.732%
33	6.348	856	863	871	rVV3	39432220	117947337	24.45%	1.821%
34	6.446	871	879	889	rVB	9945598	26483418	5.49%	0.409%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Title : TRACE VOA SOM01.0

35	6.690	906	919	926	rBV2	12796247	31799438	6.59%	0.491%
36	6.763	926	931	938	rVB	3667112	7755143	1.61%	0.120%
37	6.928	938	958	966	rBV6	18752778	76637921	15.88%	1.184%
38	7.129	984	991	998	rBV	4922889	10335892	2.14%	0.160%
39	7.239	998	1009	1018	rVV3	13149047	32141413	6.66%	0.496%
40	7.446	1026	1043	1054	rBV4	23019081	61866052	12.82%	0.955%
41	7.562	1054	1062	1067	rBV2	5357224	11180276	2.32%	0.173%
42	7.623	1067	1072	1077	rBV	6242936	11546615	2.39%	0.178%
43	7.714	1082	1087	1099	rVB	5616203	11335348	2.35%	0.175%
44	7.915	1113	1120	1121	rBV	3750148	6592665	1.37%	0.102%
45	7.940	1121	1124	1130	rVB	4177446	7285265	1.51%	0.113%
46	8.043	1130	1141	1153	rVB	21745467	48629256	10.08%	0.751%
47	8.165	1153	1161	1164	rBV	22367471	46484346	9.63%	0.718%
48	8.196	1164	1166	1170	rVV	18743092	28956066	6.00%	0.447%
49	8.244	1170	1174	1183	rVB2	13418354	24410072	5.06%	0.377%
50	8.330	1183	1188	1191	rBV	4875061	8565831	1.78%	0.132%
51	8.360	1191	1193	1200	rVB3	3843532	6009797	1.25%	0.093%
52	8.488	1209	1214	1218	rBV	5503305	8800788	1.82%	0.136%
53	8.555	1220	1225	1235	rVB	13608556	25508600	5.29%	0.394%
54	8.677	1235	1245	1253	rBV5	8034000	22741043	4.71%	0.351%
55	8.787	1253	1263	1268	rBV2	83354691	168636411	34.95%	2.604%
56	8.964	1285	1292	1299	rBV3	6550332	13828968	2.87%	0.214%
57	9.043	1299	1305	1314	rVB5	2096042	6239457	1.29%	0.096%
58	9.208	1328	1332	1336	rBV2	5517418	8459154	1.75%	0.131%
59	9.543	1383	1387	1394	rVB2	3058071	6173023	1.28%	0.095%
60	9.951	1450	1454	1462	rVB2	2465328	5032883	1.04%	0.078%
61	10.275	1495	1507	1514	rVV5	168145736	482458024	100.00%	7.451%
62	10.720	1571	1580	1584	rVB4	151800356	298468531	61.86%	4.609%
63	11.006	1622	1627	1635	rBV	26099936	35244055	7.31%	0.544%
64	11.165	1649	1653	1659	rVB	4604914	6905364	1.43%	0.107%
65	11.354	1675	1684	1690	rVV2	57958192	88074541	18.26%	1.360%
66	11.445	1690	1699	1705	rVV3	155777729	395236214	81.92%	6.104%
67	11.512	1705	1710	1720	rVB3	101200126	147044453	30.48%	2.271%
68	11.665	1729	1735	1743	rBV2	88975192	130985122	27.15%	2.023%
69	11.823	1752	1761	1766	rBV4	191430075	409181935	84.81%	6.319%
70	11.914	1770	1776	1778	rVV	3587075	5740889	1.19%	0.089%
71	12.018	1789	1793	1797	rBV	8724970	10839192	2.25%	0.167%

LSC Area Percent Report

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Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Title : TRACE VOA SOM01.0

72	12.061	1797	1800	1806	rVB3	3622857	5203345	1.08%	0.080%
73	12.140	1806	1813	1818	rBV3	97198182	147976919	30.67%	2.285%
74	12.292	1832	1838	1845	rBV3	102191316	186356981	38.63%	2.878%
75	12.366	1845	1850	1856	rVB4	52527915	84000135	17.41%	1.297%
76	12.457	1856	1865	1869	rBV3	8831986	13837730	2.87%	0.214%
77	12.506	1869	1873	1879	rVB	15562005	18074821	3.75%	0.279%
78	12.573	1879	1884	1887	rBV	31010958	47466269	9.84%	0.733%
79	12.597	1887	1888	1893	rVB	27864337	27018782	5.60%	0.417%
80	12.658	1893	1898	1901	rBV	48408522	58978011	12.22%	0.911%
81	12.689	1901	1903	1908	rVV	10816608	12606706	2.61%	0.195%
82	12.744	1908	1912	1923	rVB2	32801412	46745180	9.69%	0.722%
83	12.890	1931	1936	1941	rVB	15056807	18147241	3.76%	0.280%
84	12.963	1941	1948	1952	rBV	29079023	38432628	7.97%	0.594%
85	13.006	1952	1955	1960	rVB2	40336391	48910998	10.14%	0.755%
86	13.213	1981	1989	1993	rBV	36167480	46332854	9.60%	0.716%
87	13.298	1999	2003	2005	rBV2	4184010	6103028	1.26%	0.094%
88	13.335	2005	2009	2014	rVB2	57358445	80134483	16.61%	1.238%
89	13.384	2014	2017	2020	rBV3	5659338	6734219	1.40%	0.104%
90	13.463	2026	2030	2039	rVB	12303220	15969627	3.31%	0.247%
91	13.548	2039	2044	2046	rBV2	3786276	5082840	1.05%	0.078%
92	13.585	2046	2050	2053	rVV	8029930	10906733	2.26%	0.168%
93	13.621	2053	2056	2063	rVV3	8428728	16577333	3.44%	0.256%
94	13.707	2067	2070	2076	rVB2	7748684	11190199	2.32%	0.173%
95	13.823	2081	2089	2094	rVV2	57992009	81322022	16.86%	1.256%
96	13.963	2107	2112	2117	rBV3	3769902	5652909	1.17%	0.087%
97	14.115	2133	2137	2144	rBV	6717284	8200362	1.70%	0.127%
98	14.256	2156	2160	2165	rBV	5760746	9200111	1.91%	0.142%
99	14.682	2225	2230	2240	rVB	38747890	50425047	10.45%	0.779%
100	14.823	2247	2253	2262	rVB	17229807	22391993	4.64%	0.346%

Sum of corrected areas: 6475372686

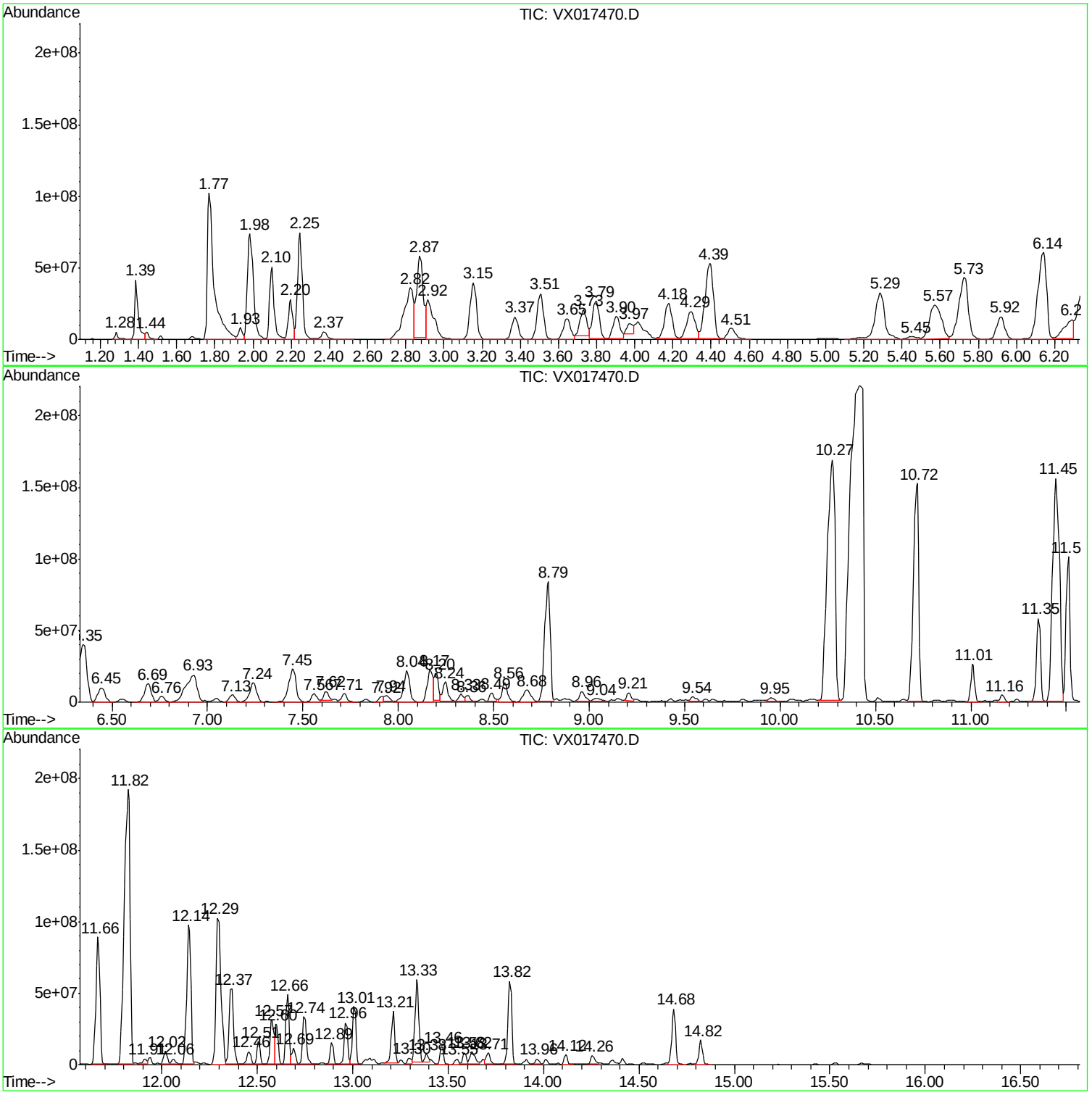
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

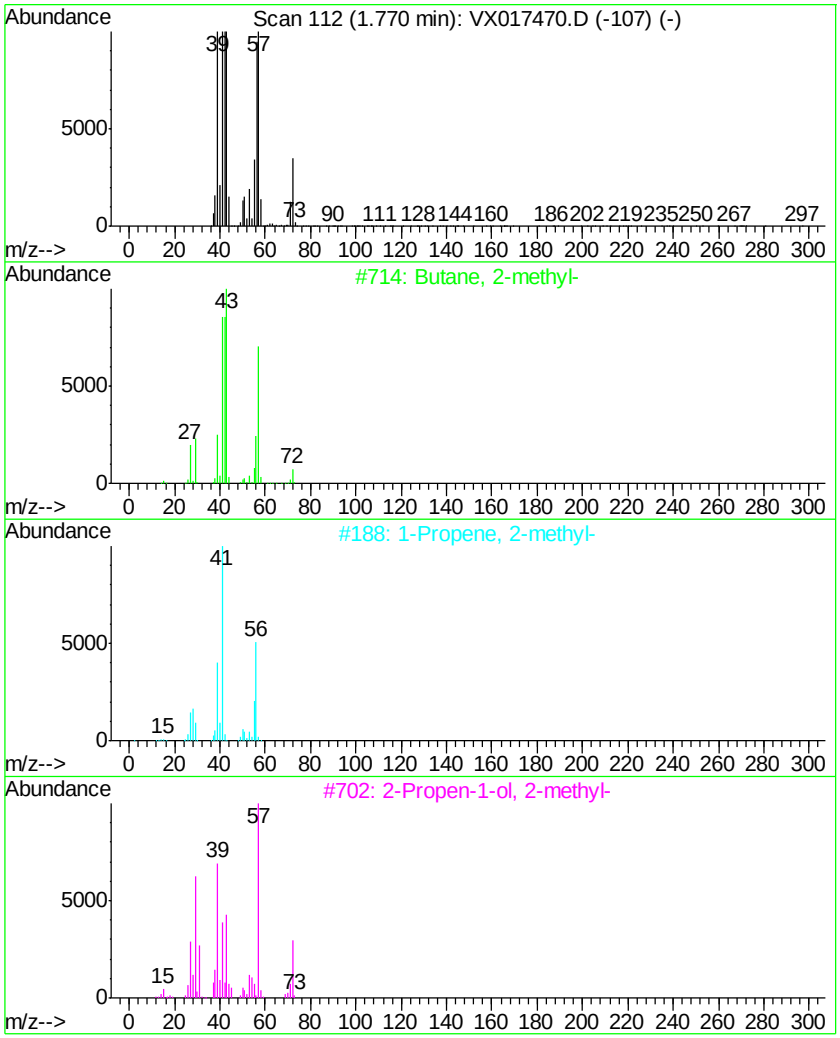
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

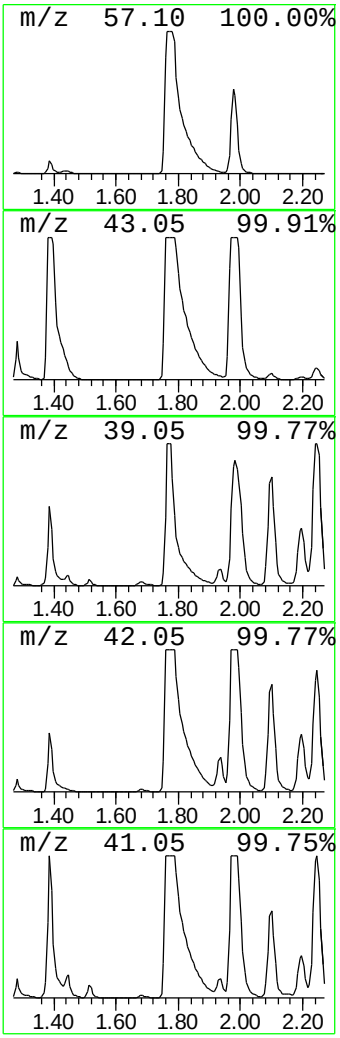
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	166.57 ug/L	258350000	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	72
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	53
3	2-Propen-1-ol, 2-methyl-	72	C4H8O	000513-42-8	50
4	2-Buten-1-ol	72	C4H8O	006117-91-5	47
5	2-Buten-1-ol, (Z)-	72	C4H8O	004088-60-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

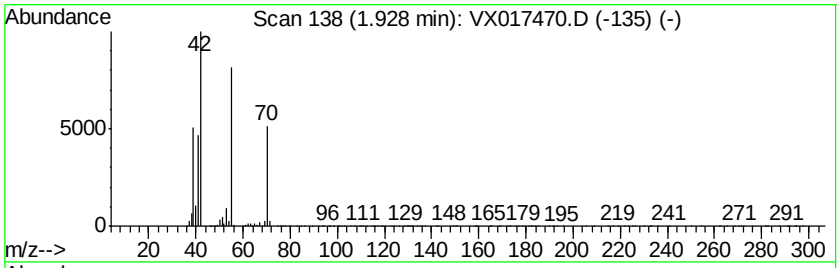
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

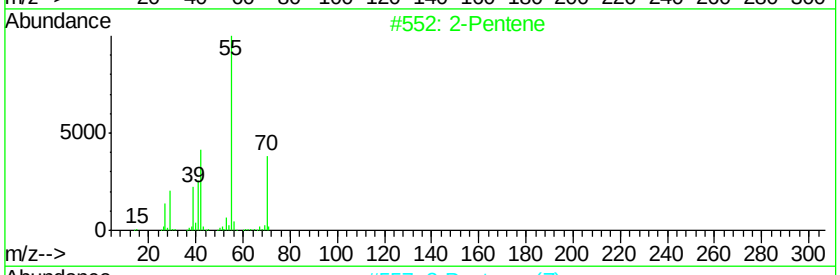
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

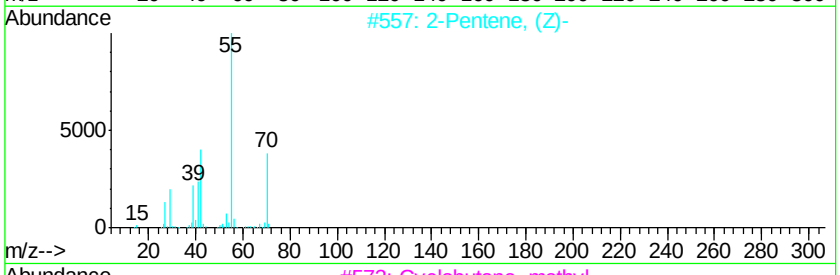
****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 63

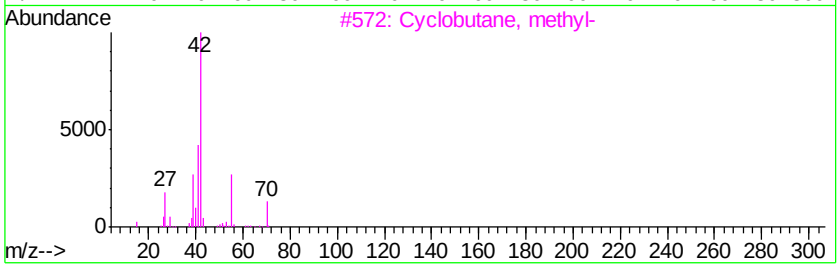
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.93	8.01 ug/L	12422700	1,4-Difluorobenzene	6.84

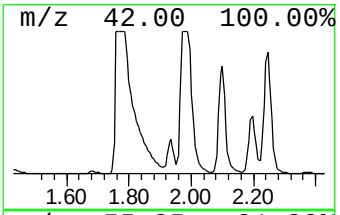
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene	70	C5H10	000109-68-2	80
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	80
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68
5	1-Pentene	70	C5H10	000109-67-1	64

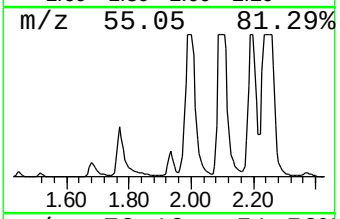


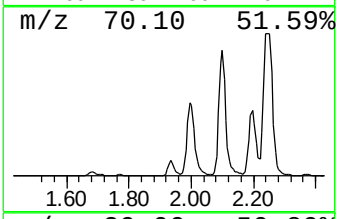


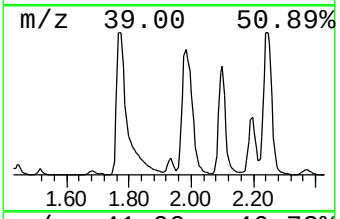


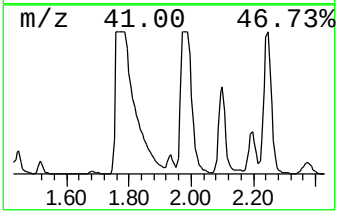












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
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Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

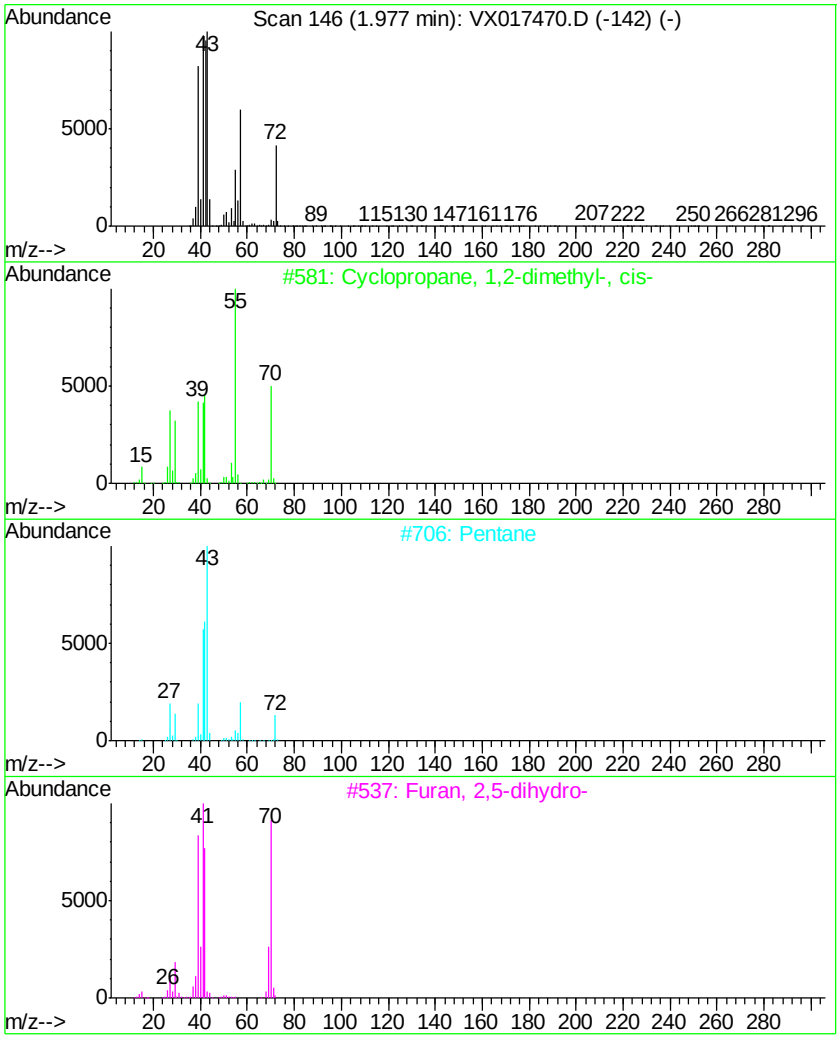
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

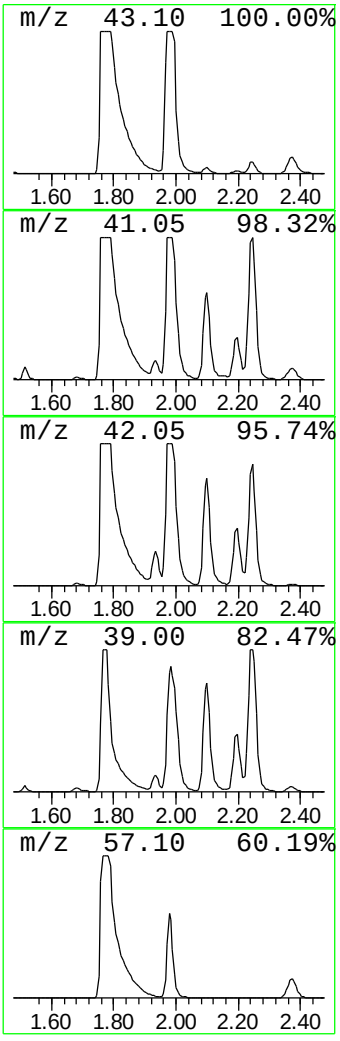
****

Peak Number 3 (DEL) Alkane: Cyclic1.98 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.98	105.14 ug/L	163077000	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	64
2	Pentane	72	C5H12	000109-66-0	59
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	50
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	50
5	2-Propen-1-ol, 2-methyl-	72	C4H8O	000513-42-8	45





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Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

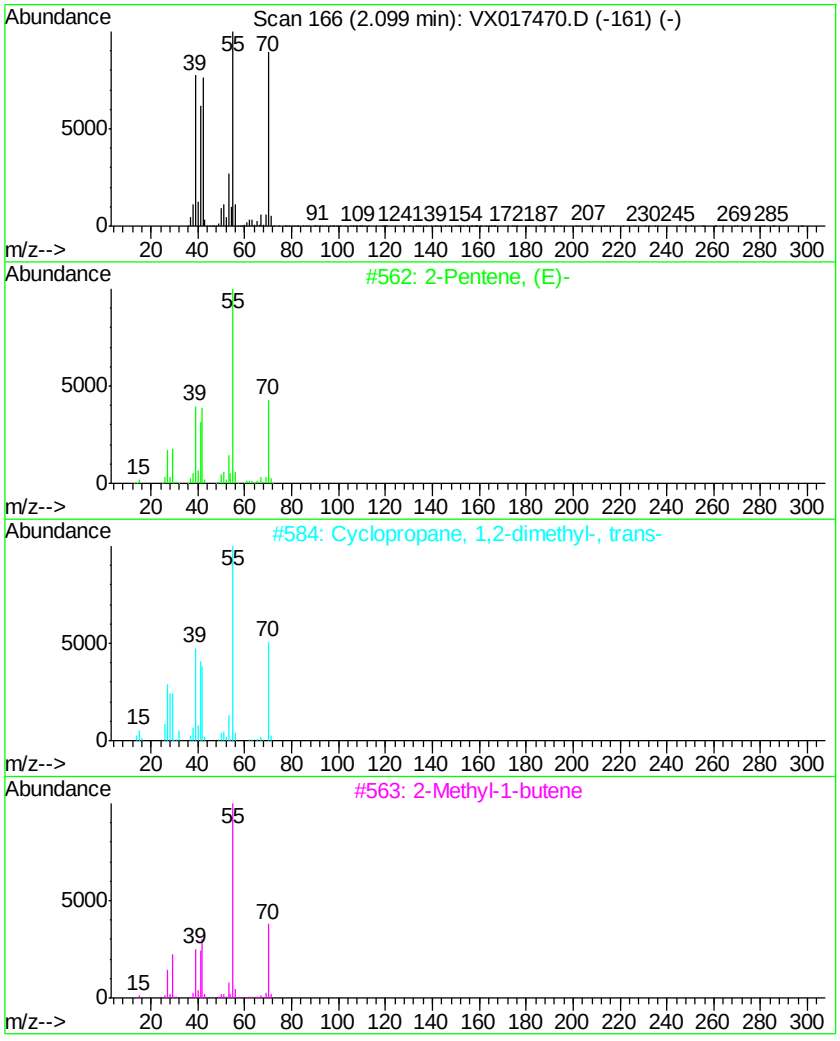
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

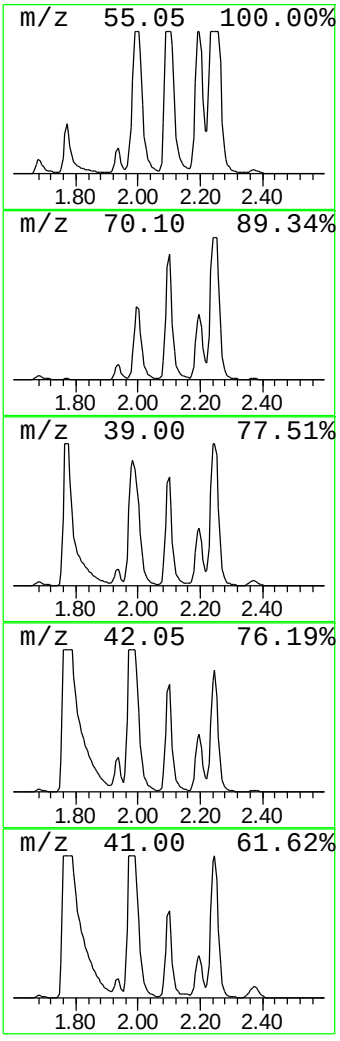
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	54.16 ug/L	84011400	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	91
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	86
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	86
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

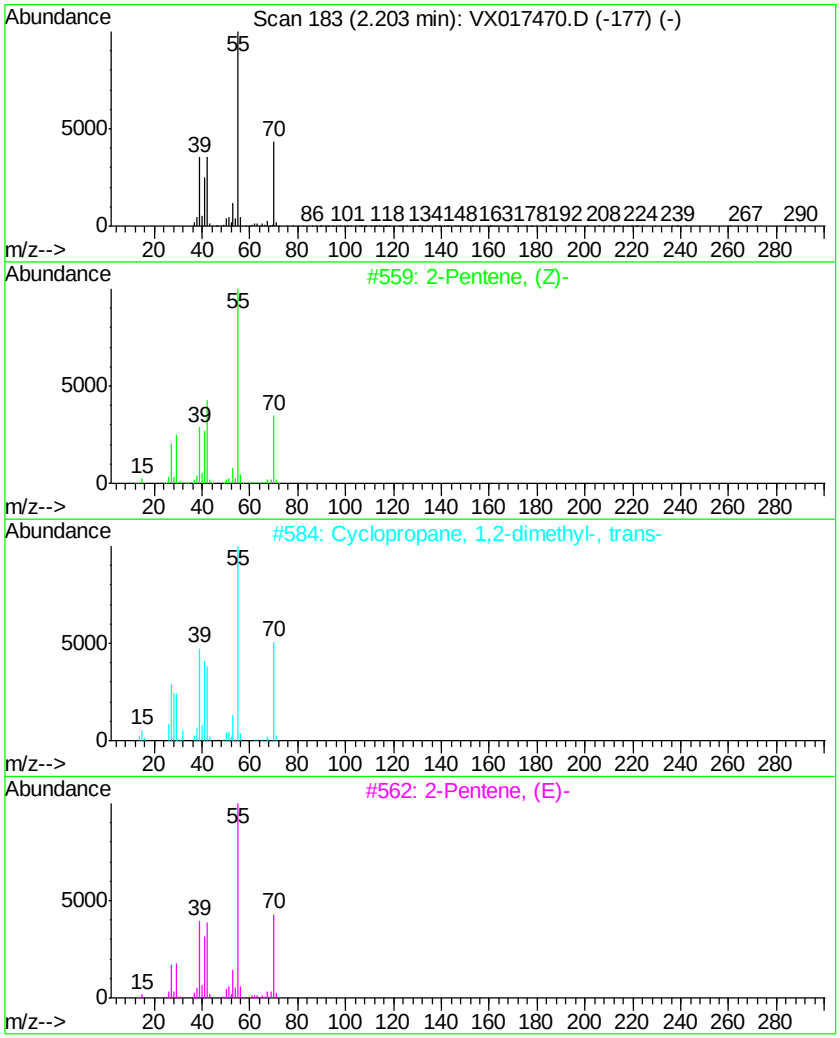
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

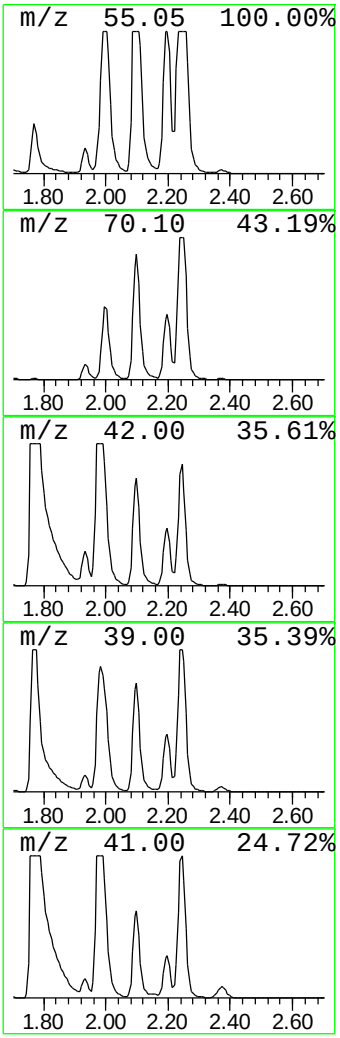
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	28.41 ug/L	44072300	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	91
3	2-Pentene, (E)-	70	C5H10	000646-04-8	91
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

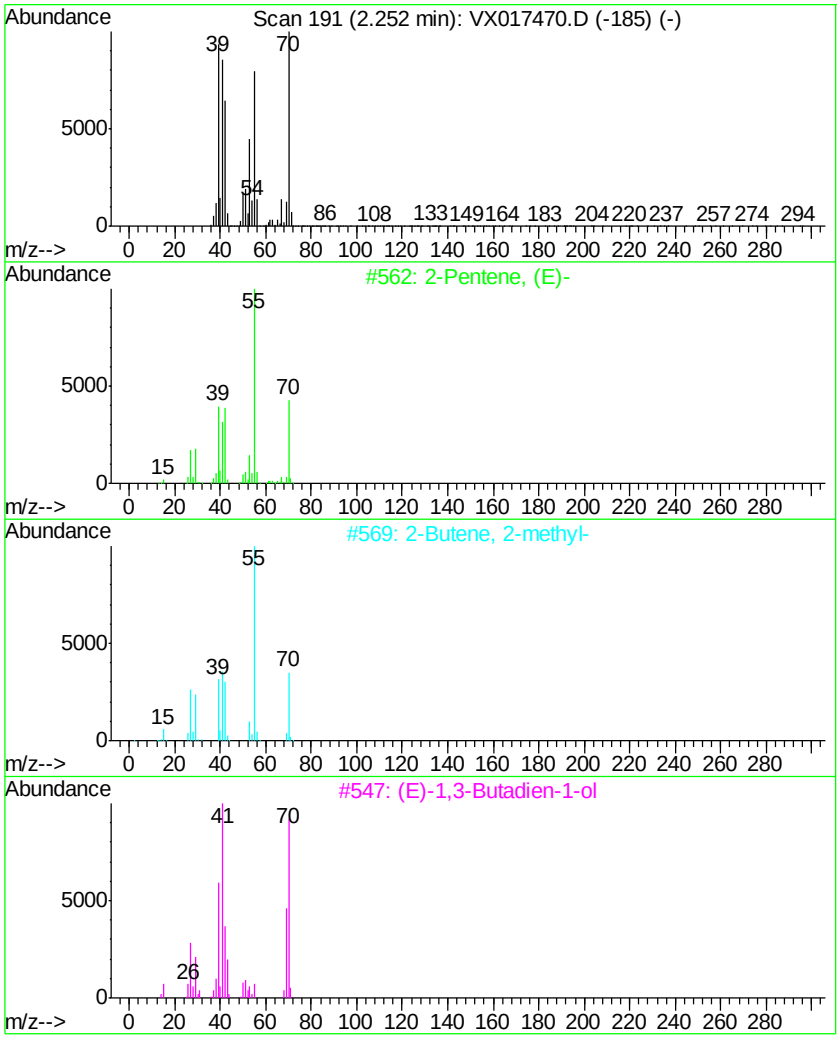
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

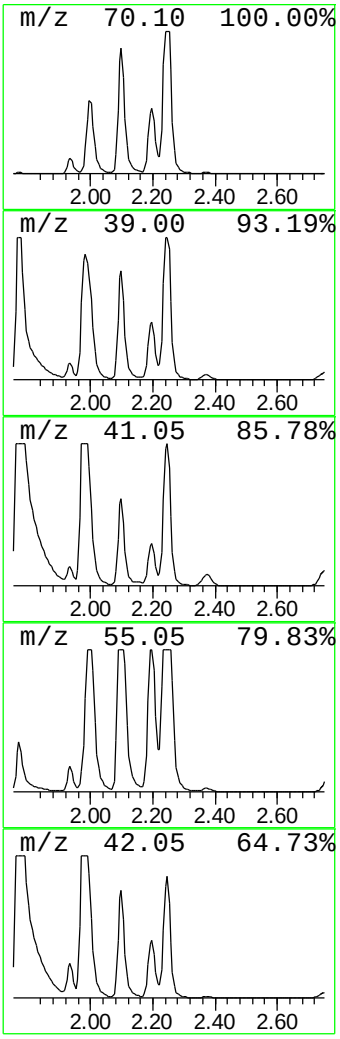
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	84.33 ug/L	130798000	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	58
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	53
3	(E)-1,3-Butadien-1-ol	70	C4H6O	070411-98-2	53
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	53
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

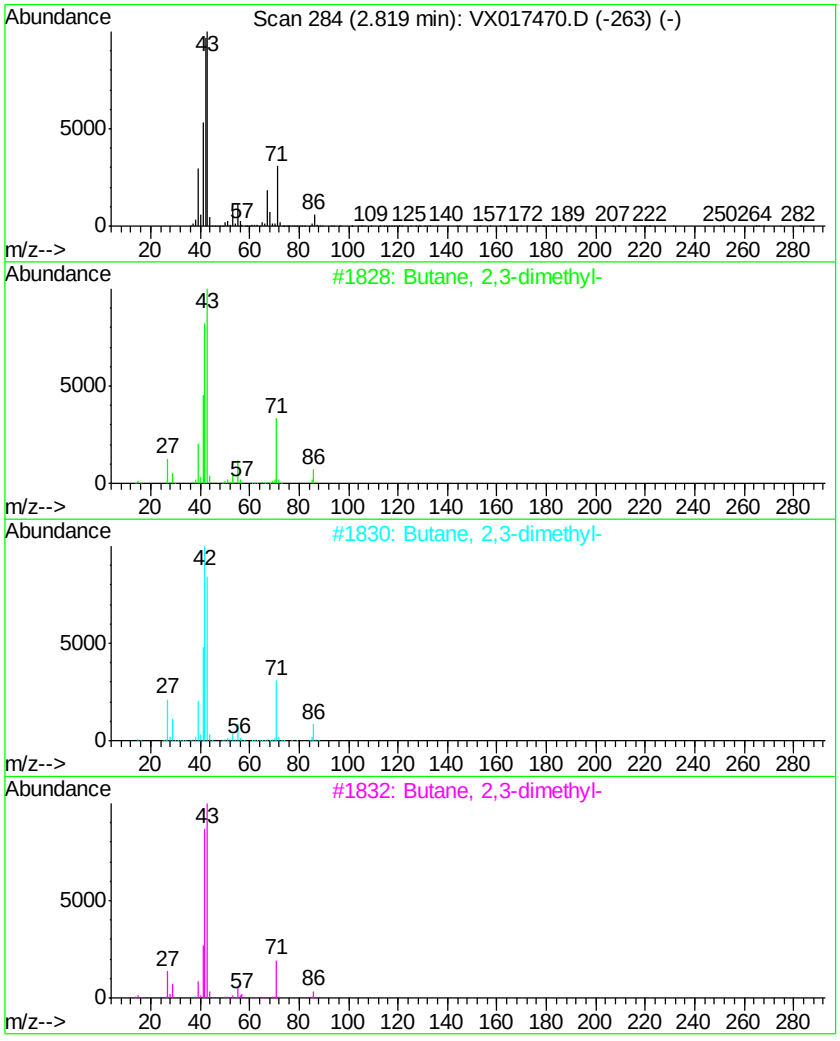
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

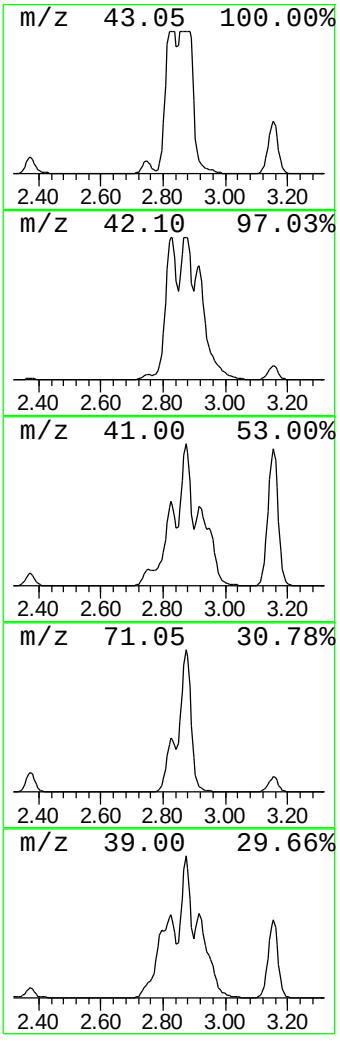
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	80.42 ug/L	124726000	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	59
5	Tetrahydrofuran	72	C4H8O	000109-99-9	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

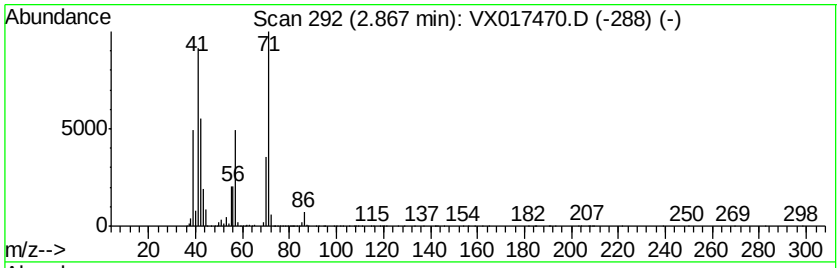
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

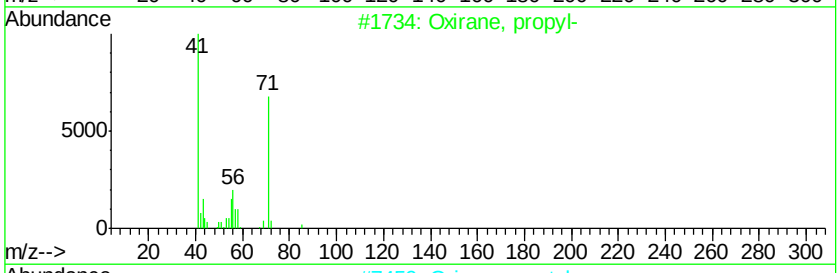
****

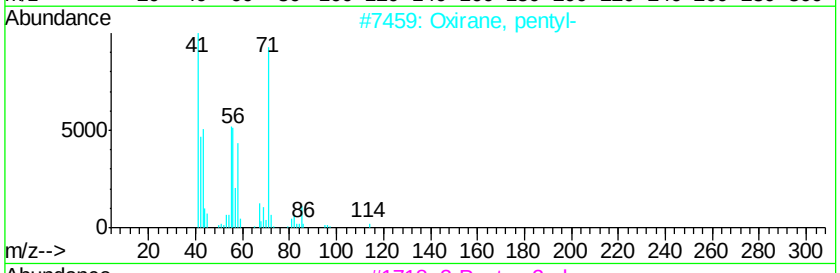
Peak Number 8 Oxirane, propyl- Concentration Rank 11

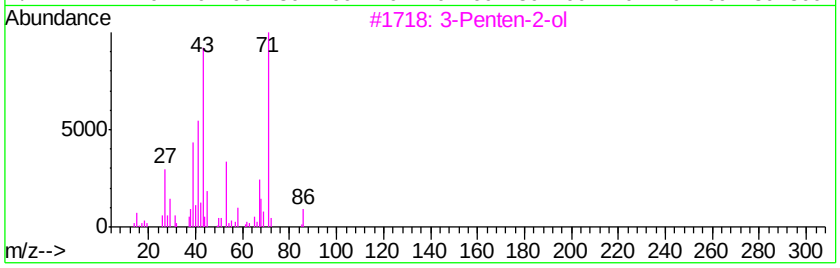
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	88.87 ug/L	137844000	1,4-Difluorobenzene	6.84

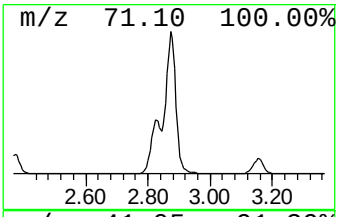
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, propyl-	86	C5H10O	001003-14-1	50
2	Oxirane, pentyl-	114	C7H14O	005063-65-0	50
3	3-Penten-2-ol	86	C5H10O	001569-50-2	43
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	33
5	3-Penten-2-ol	86	C5H10O	001569-50-2	25

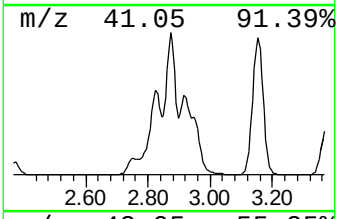


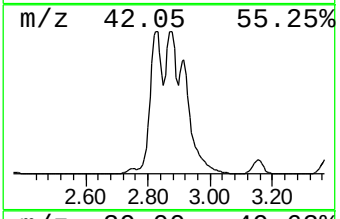


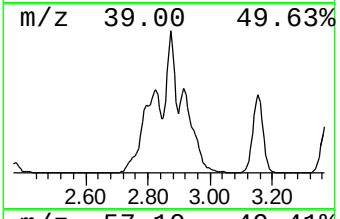


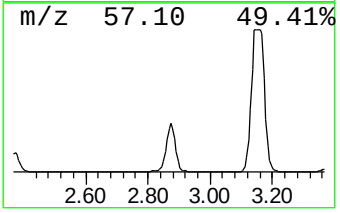












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

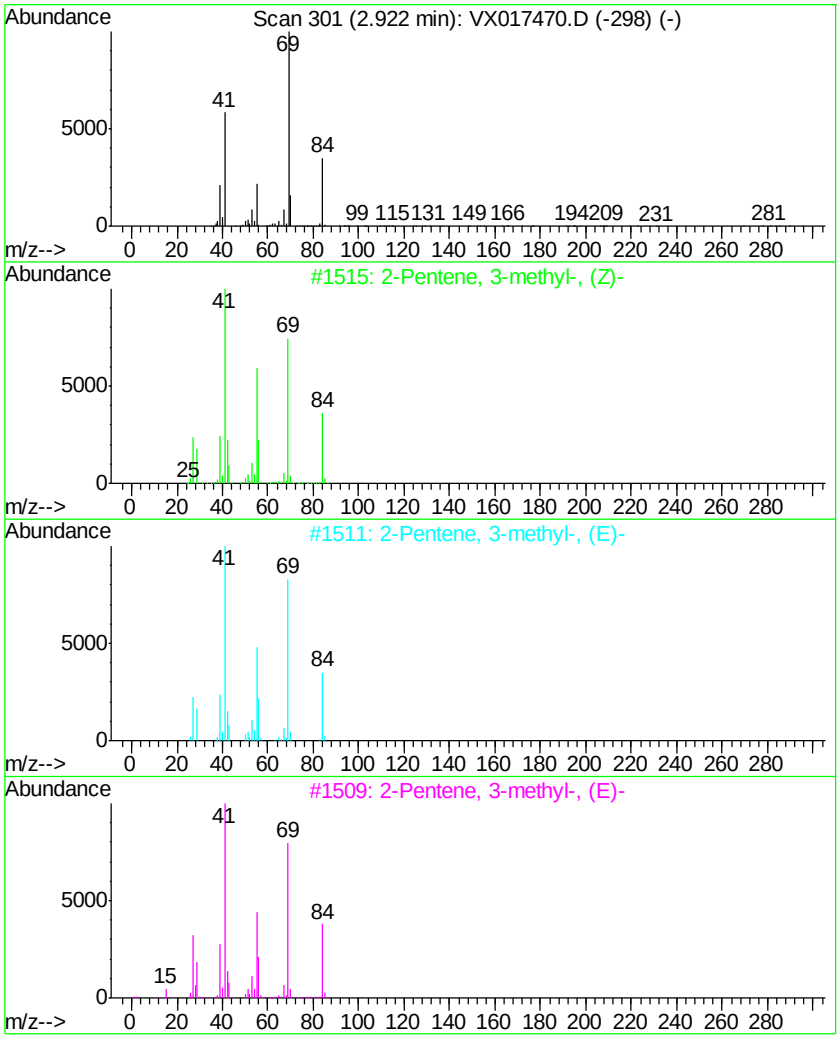
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

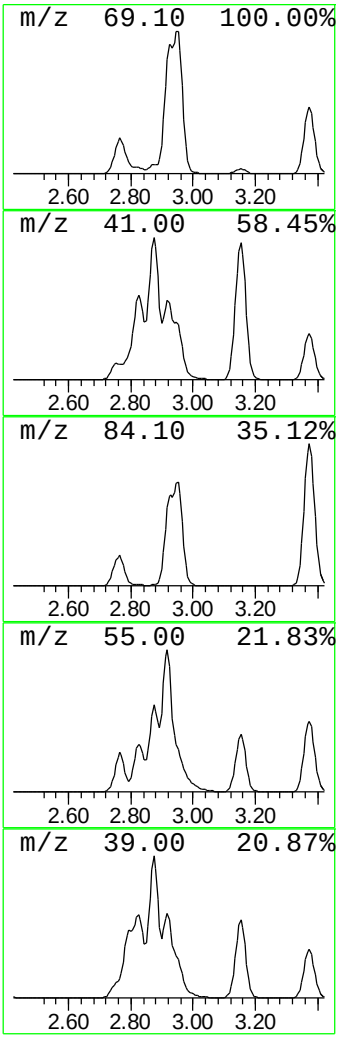
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	48.42 ug/L	75103600	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	53
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	49
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	49
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	49
5	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

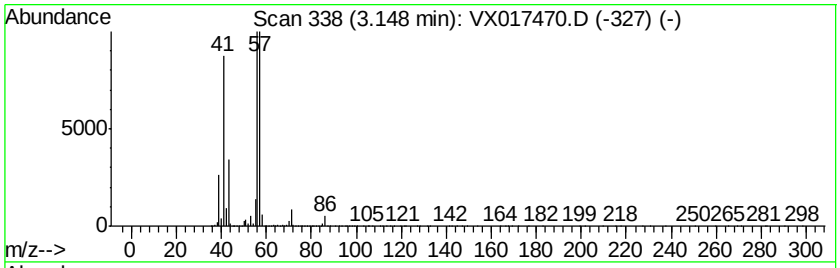
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

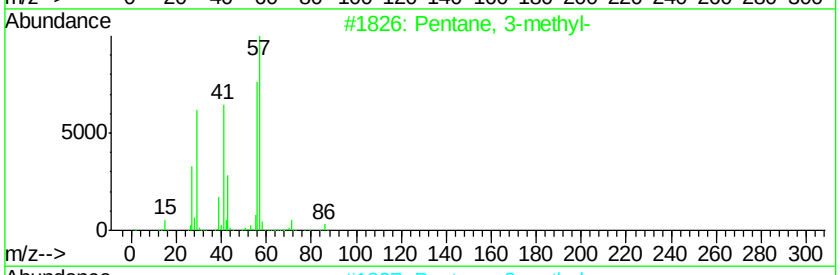
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

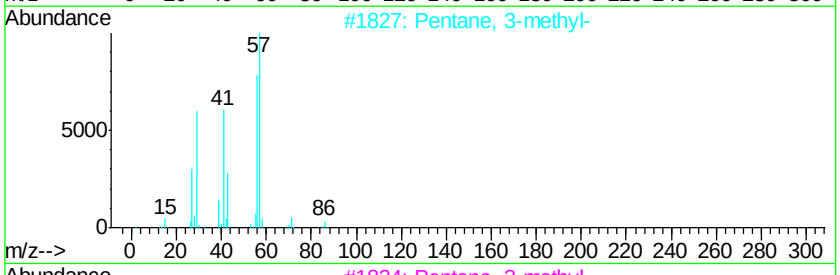
****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 19

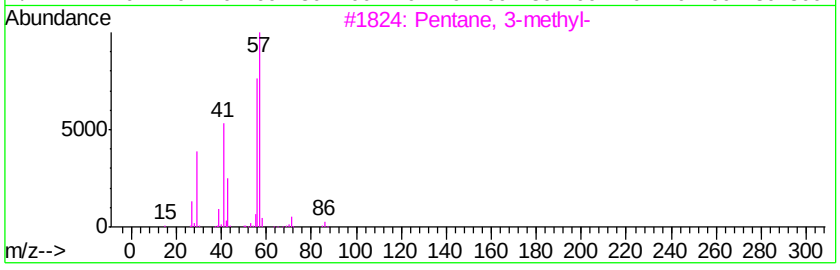
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	61.16 ug/L	94857300	1,4-Difluorobenzene	6.84

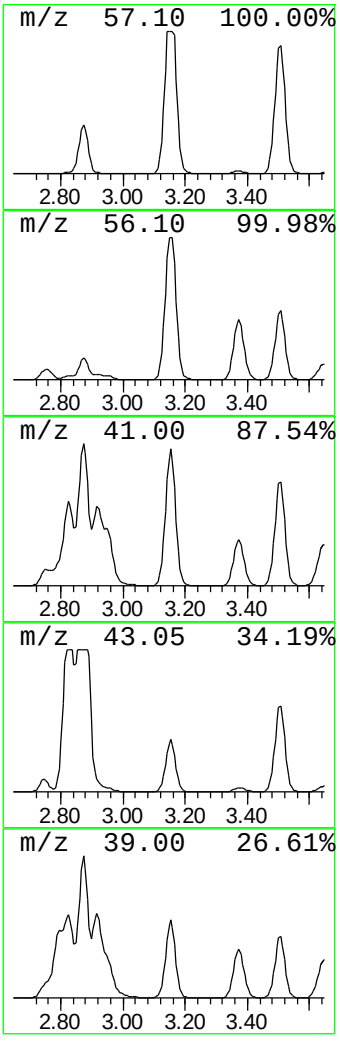
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	72
4	n-Hexane	86	C6H14	000110-54-3	64
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	64











Library Search Compound Report

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Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

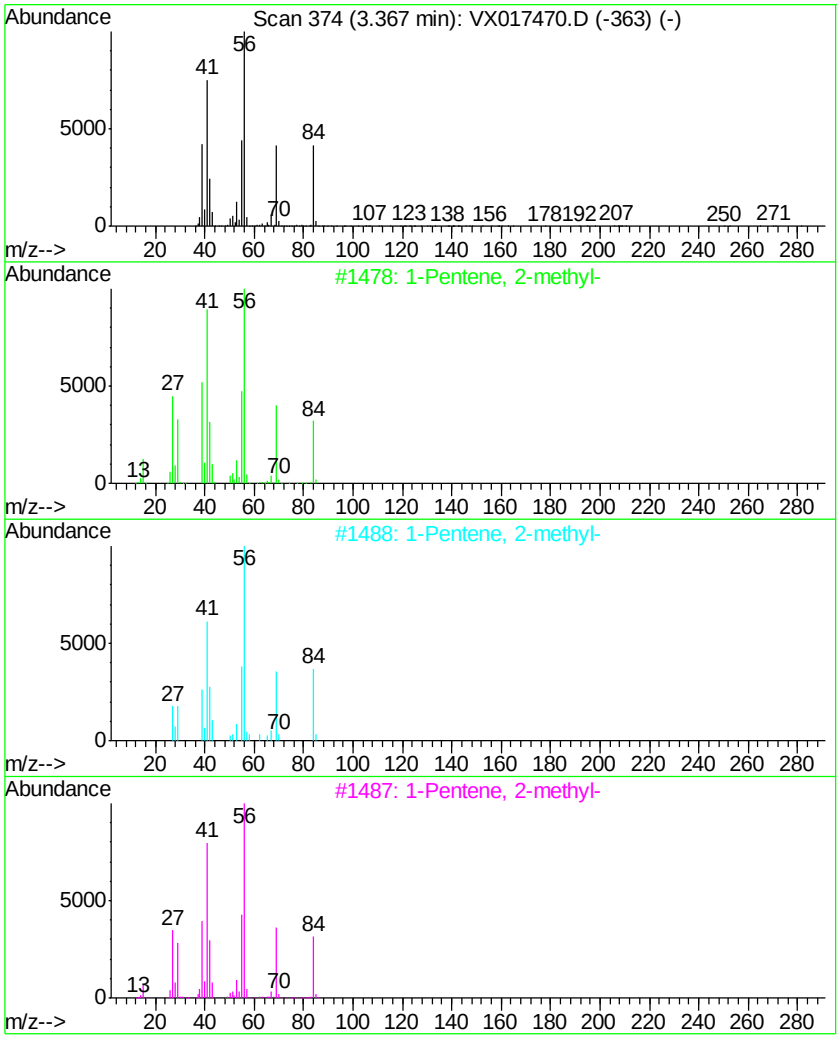
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

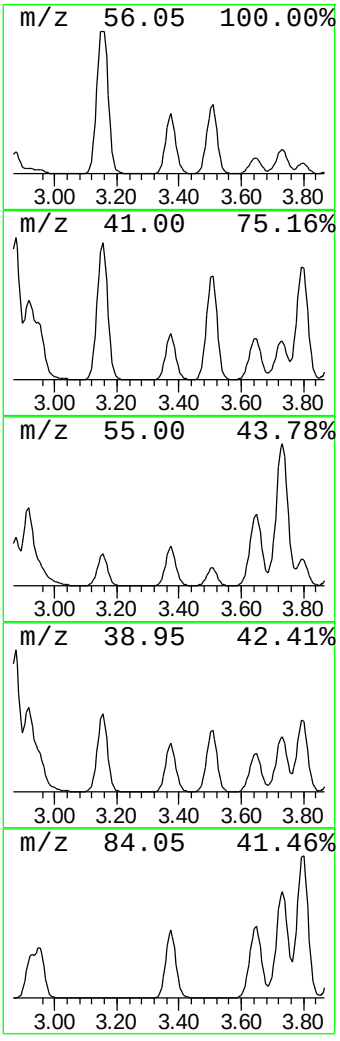
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.37	23.97 ug/L	37171700	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	81
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
4	Cyclohexane	84	C6H12	000110-82-7	72
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	53





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Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

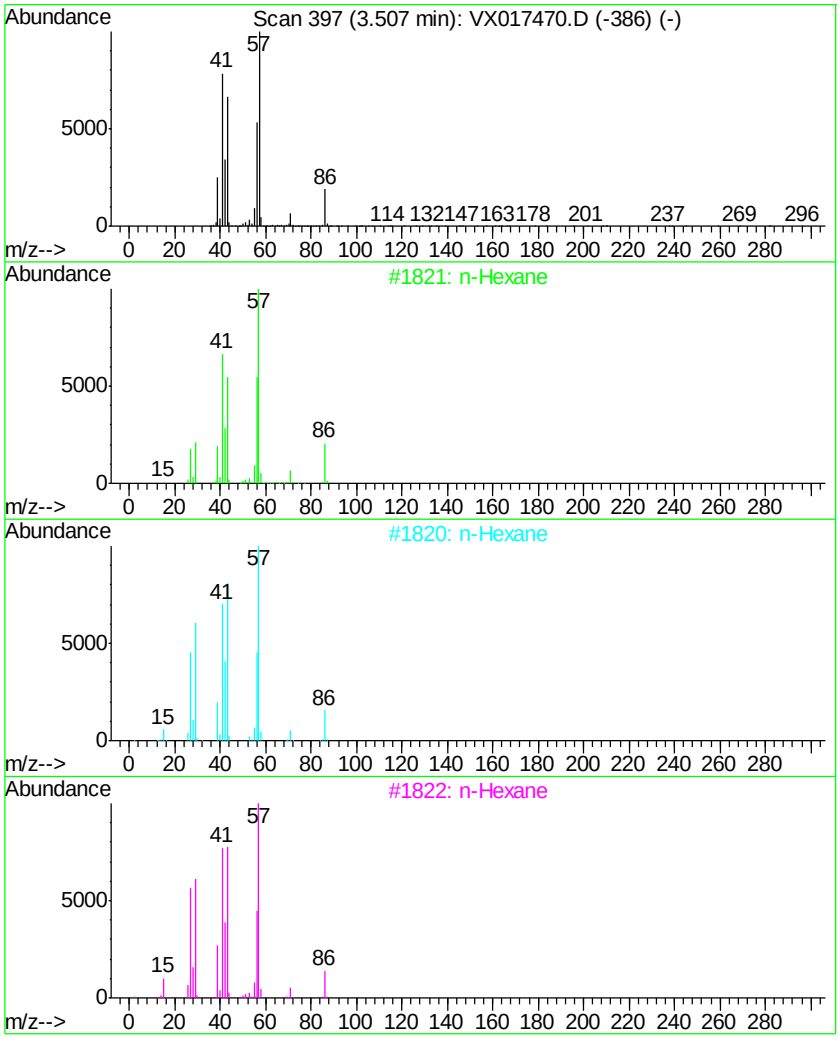
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

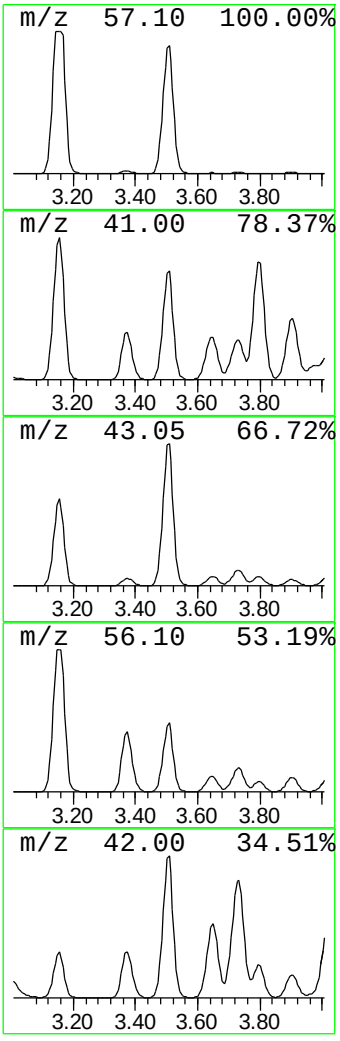
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	48.66 ug/L	75474700	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	78
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	40
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

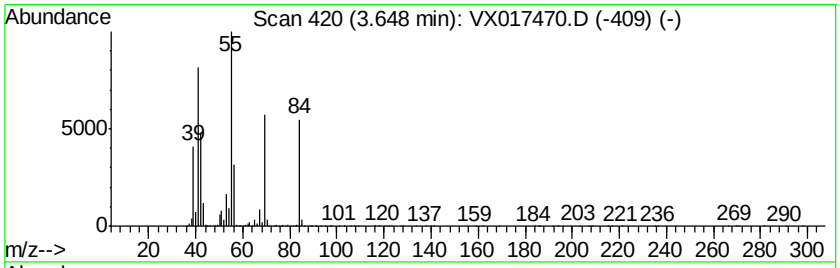
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

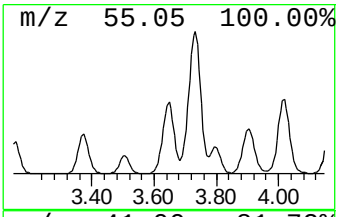
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

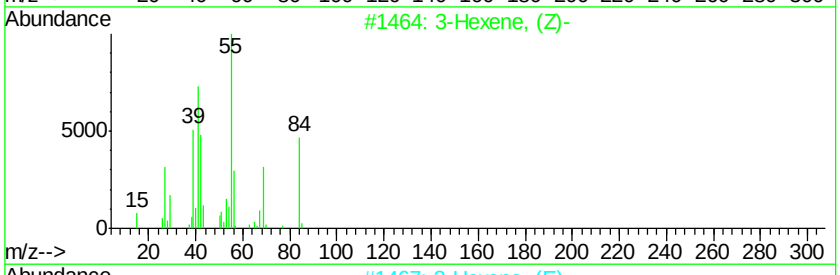
****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 43

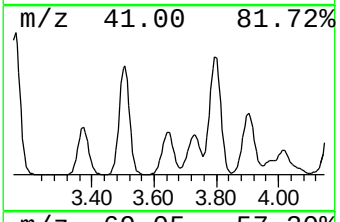
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	25.23 ug/L	39139900	1,4-Difluorobenzene	6.84

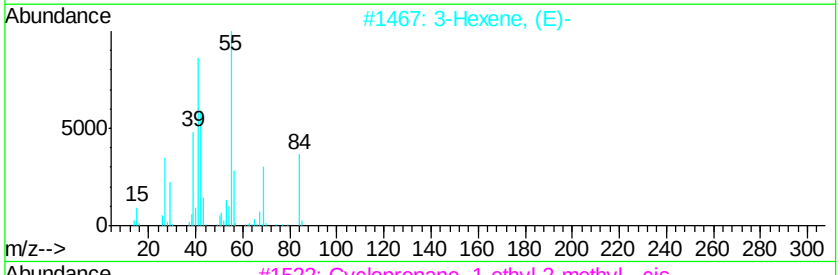
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (Z)-	84	C6H12	007642-09-3	95
2	3-Hexene, (E)-	84	C6H12	013269-52-8	91
3	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	91
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	90
5	3-Hexene, (E)-	84	C6H12	013269-52-8	74

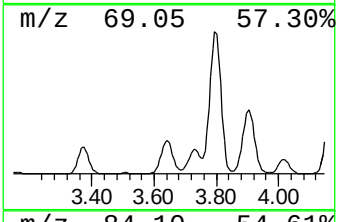


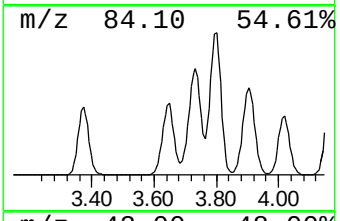


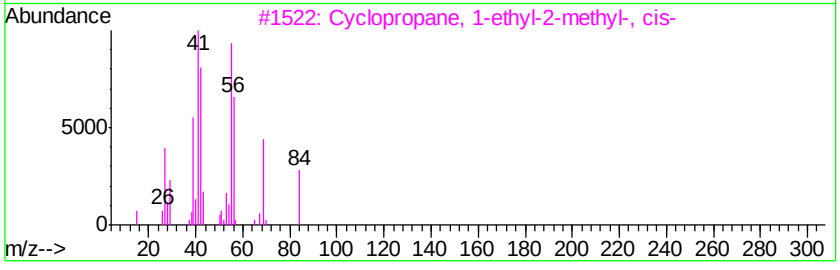


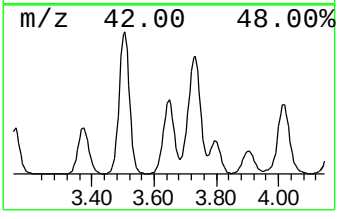












Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

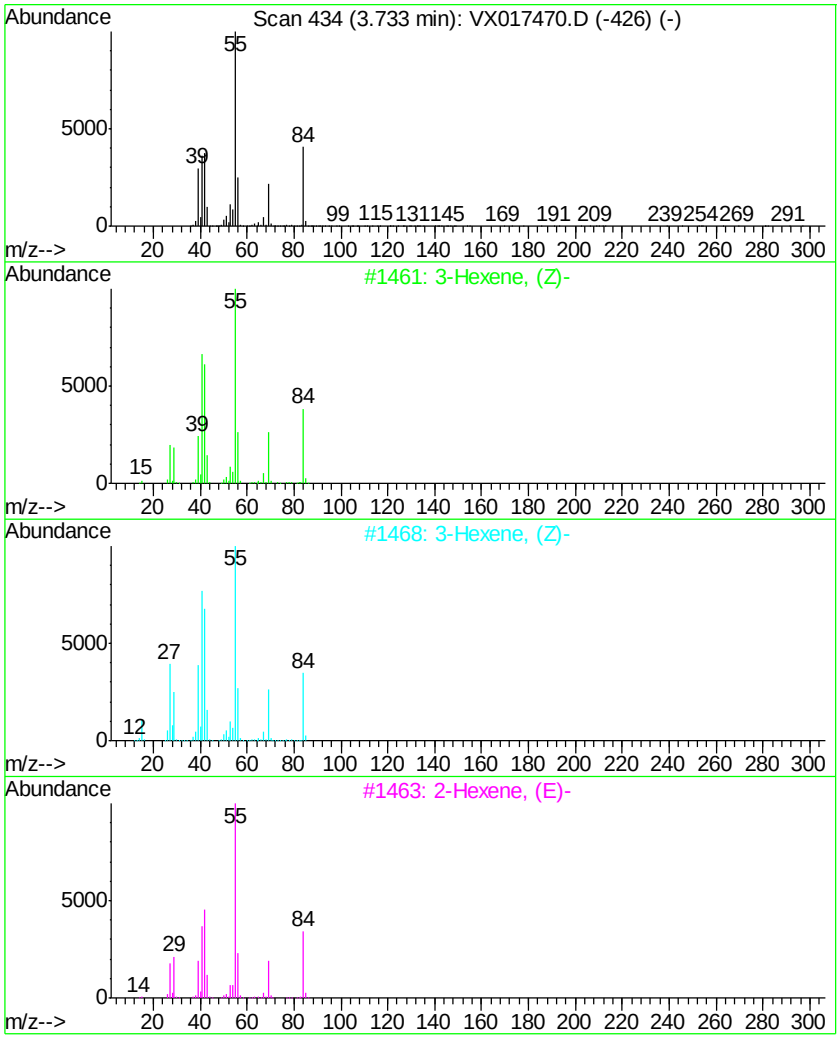
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

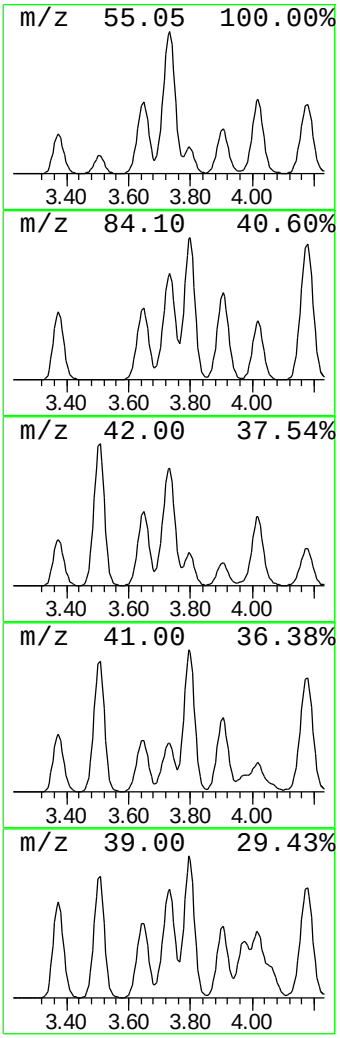
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	28.98 ug/L	44954900	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
3	2-Hexene, (E)-	84	C6H12	004050-45-7	91
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
5	2-Hexene	84	C6H12	000592-43-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

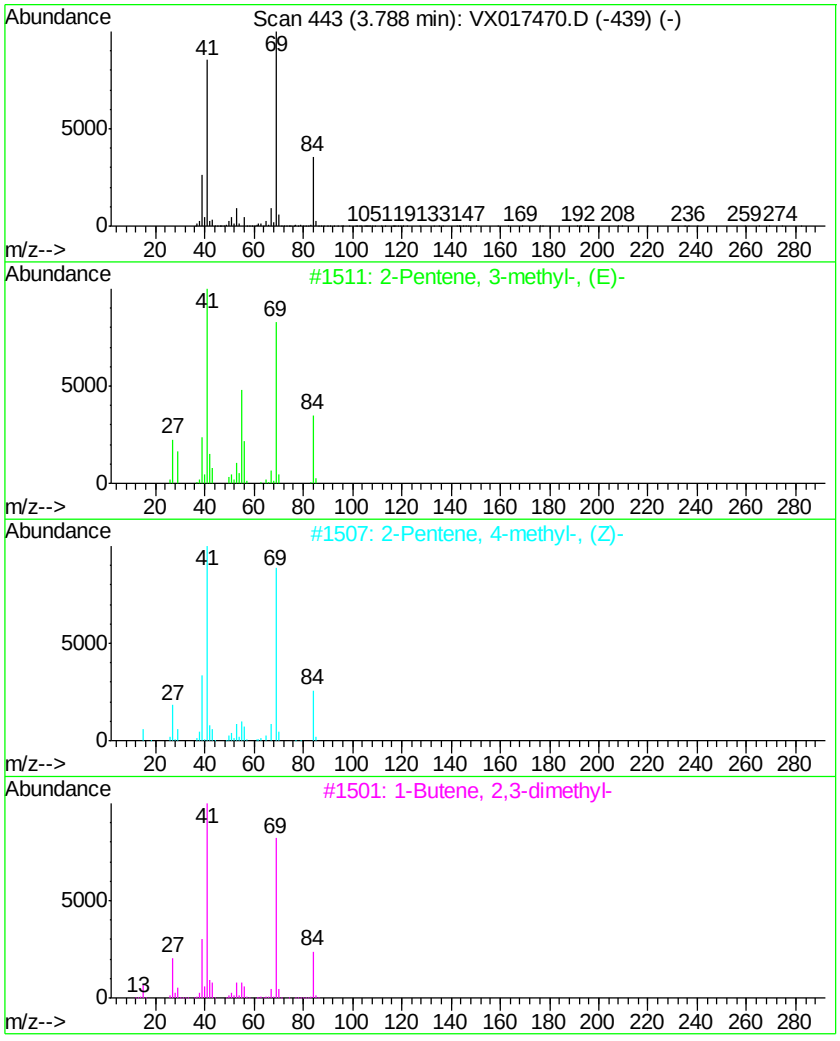
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

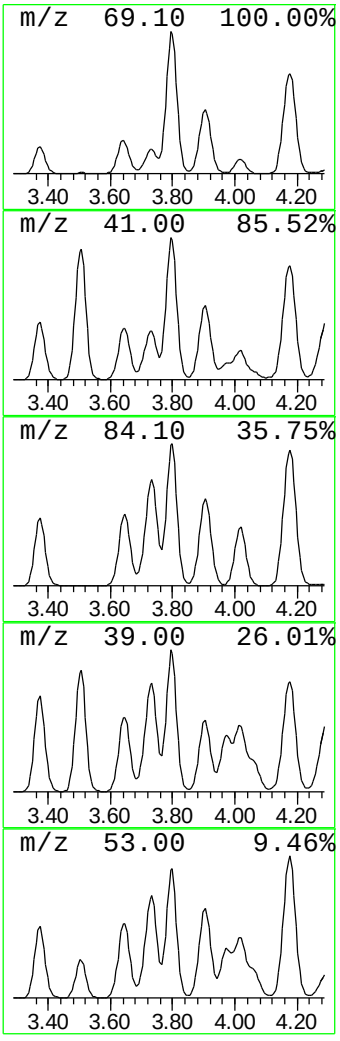
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	40.56 ug/L	62909000	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	90
2	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	90
3	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	90
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

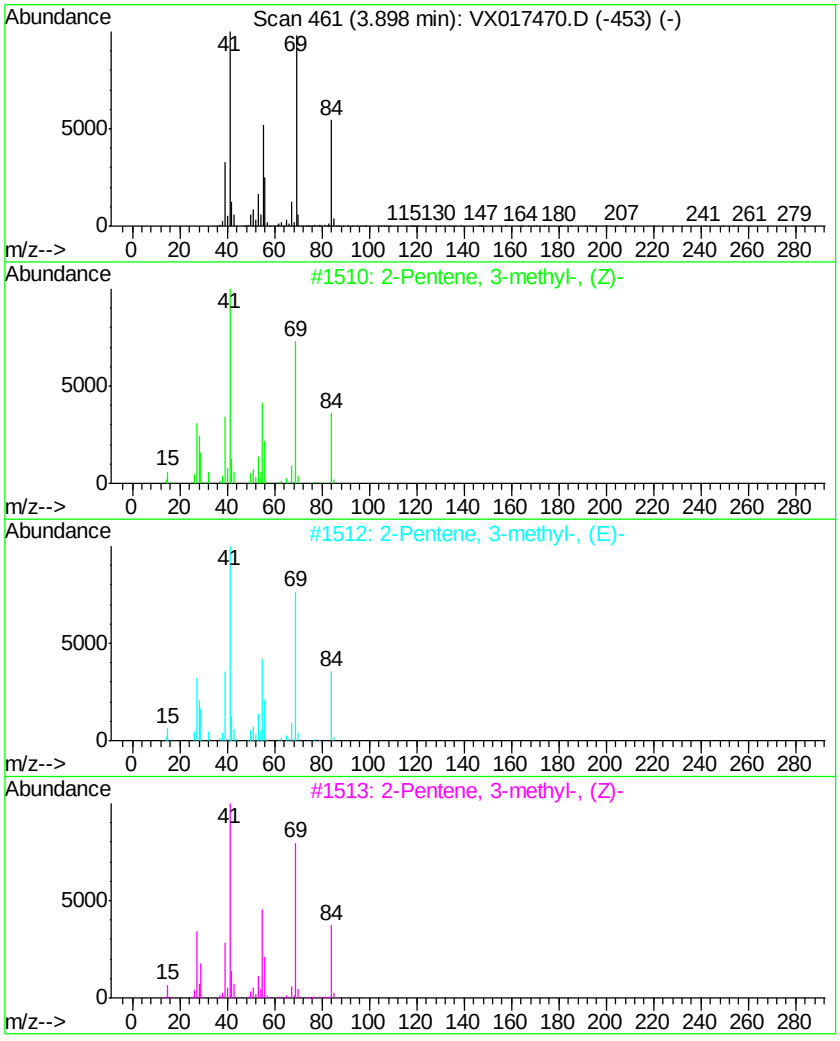
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

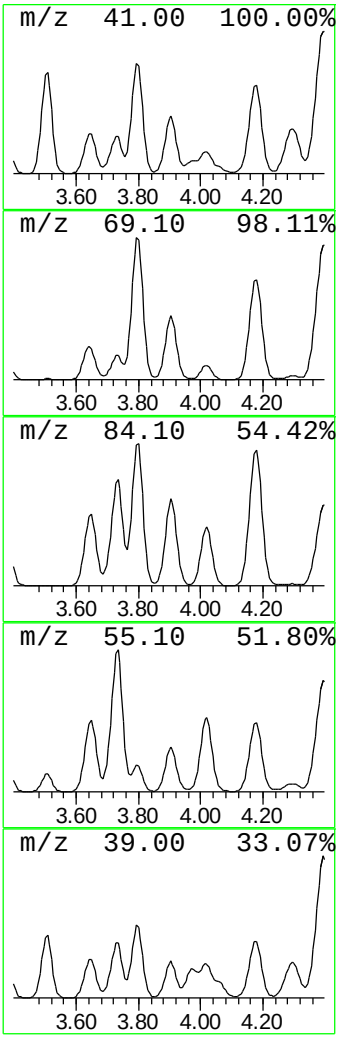
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	26.35 ug/L	40866800	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	95
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	94
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

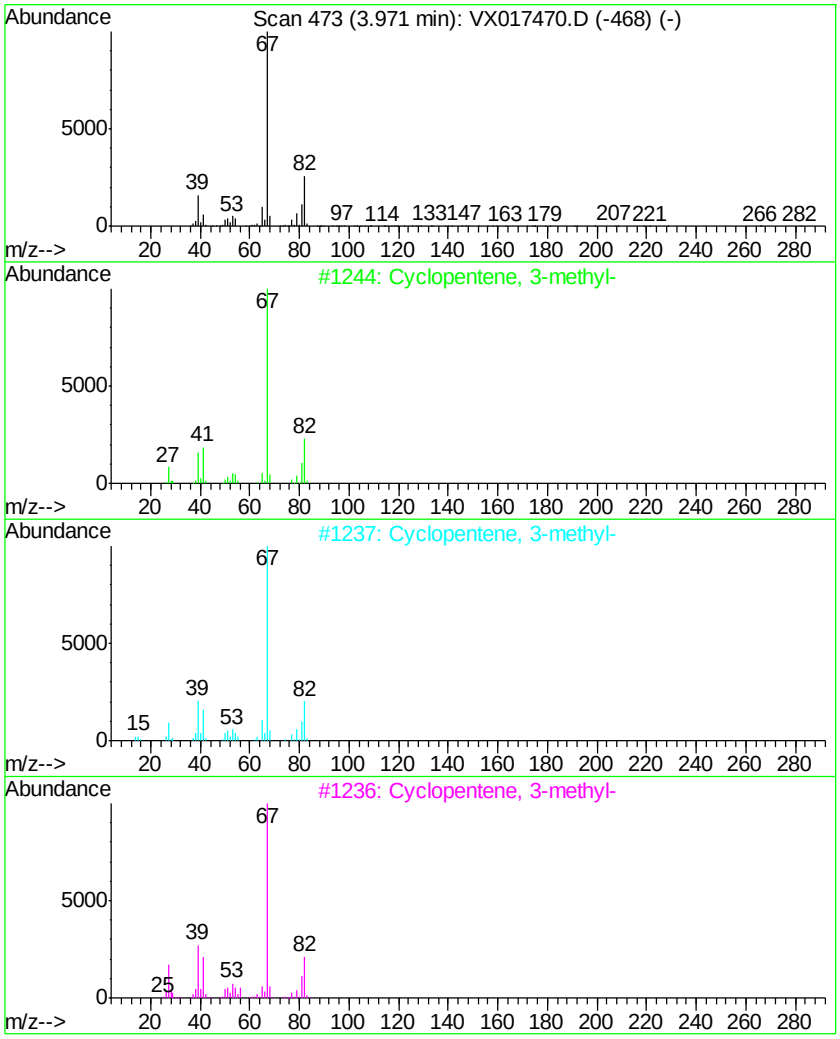
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

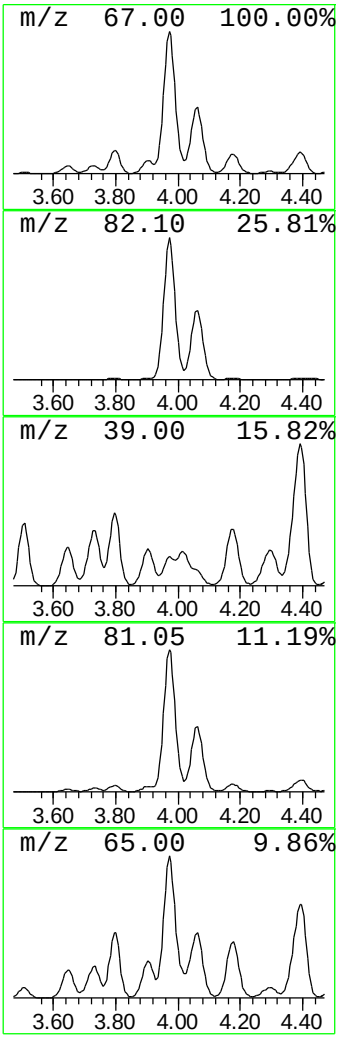
****

Peak Number 17 Cyclopentene, 3-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	10.90 ug/L	16903400	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
5	Cyclobutene, 3,3-dimethyl-	82	C6H10	016327-38-1	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

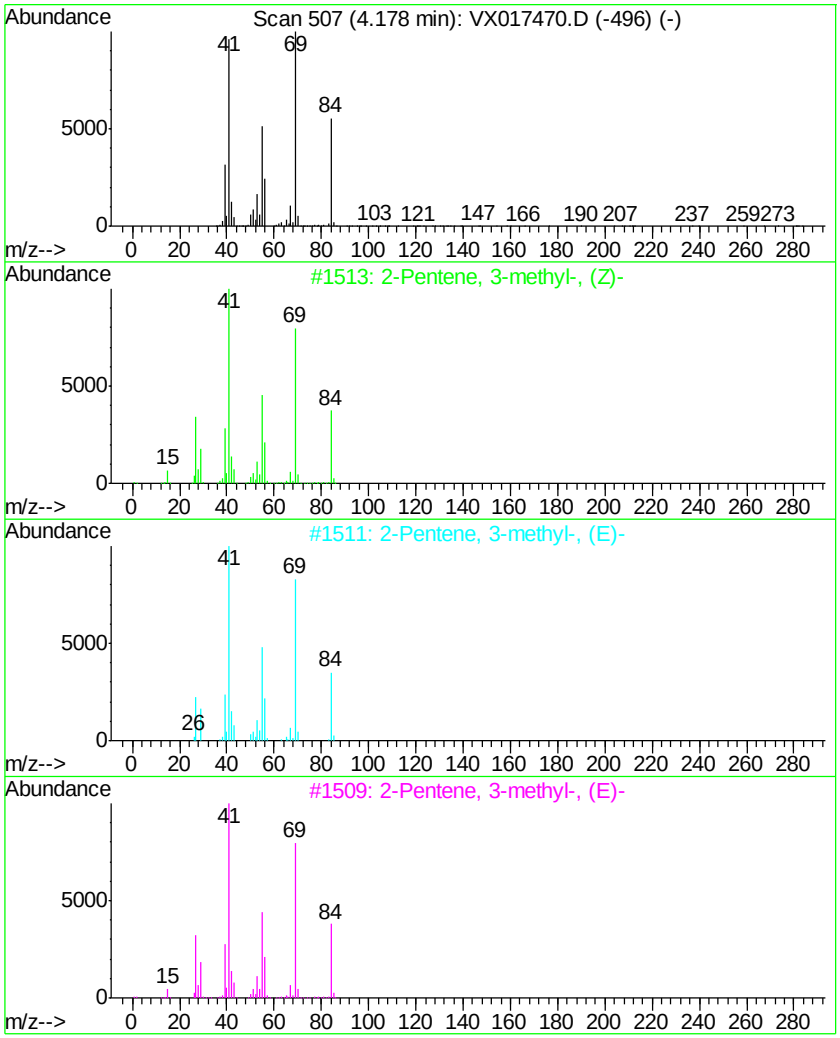
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

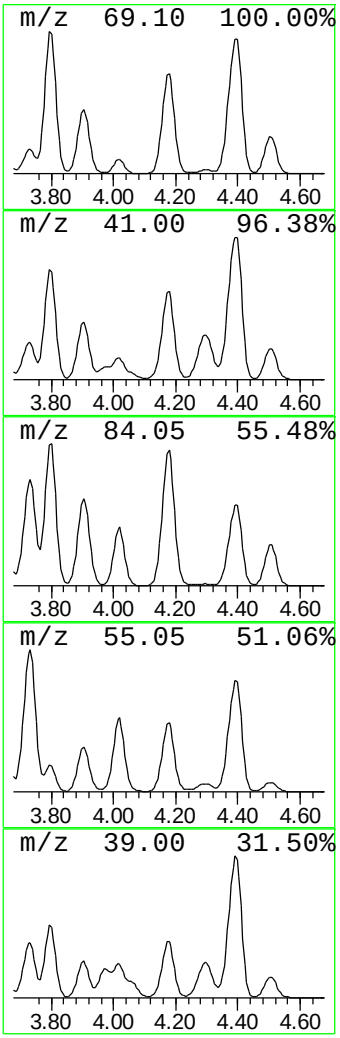
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	42.82 ug/L	66419700	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

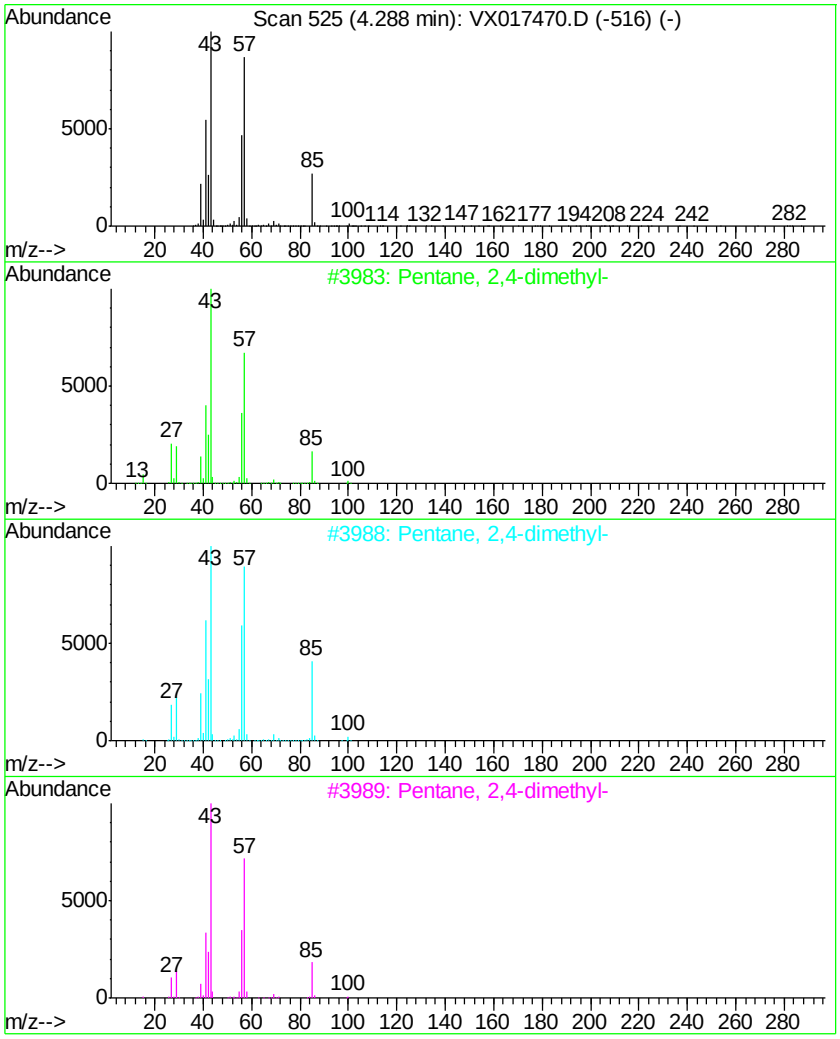
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

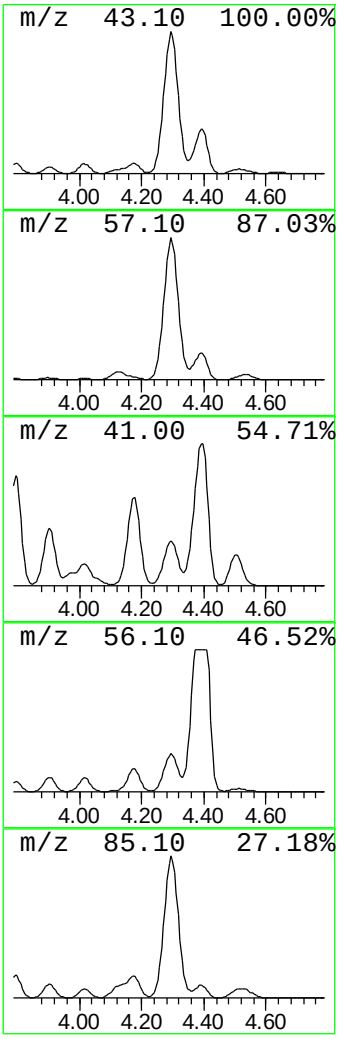
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.29	39.23 ug/L	60853900	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

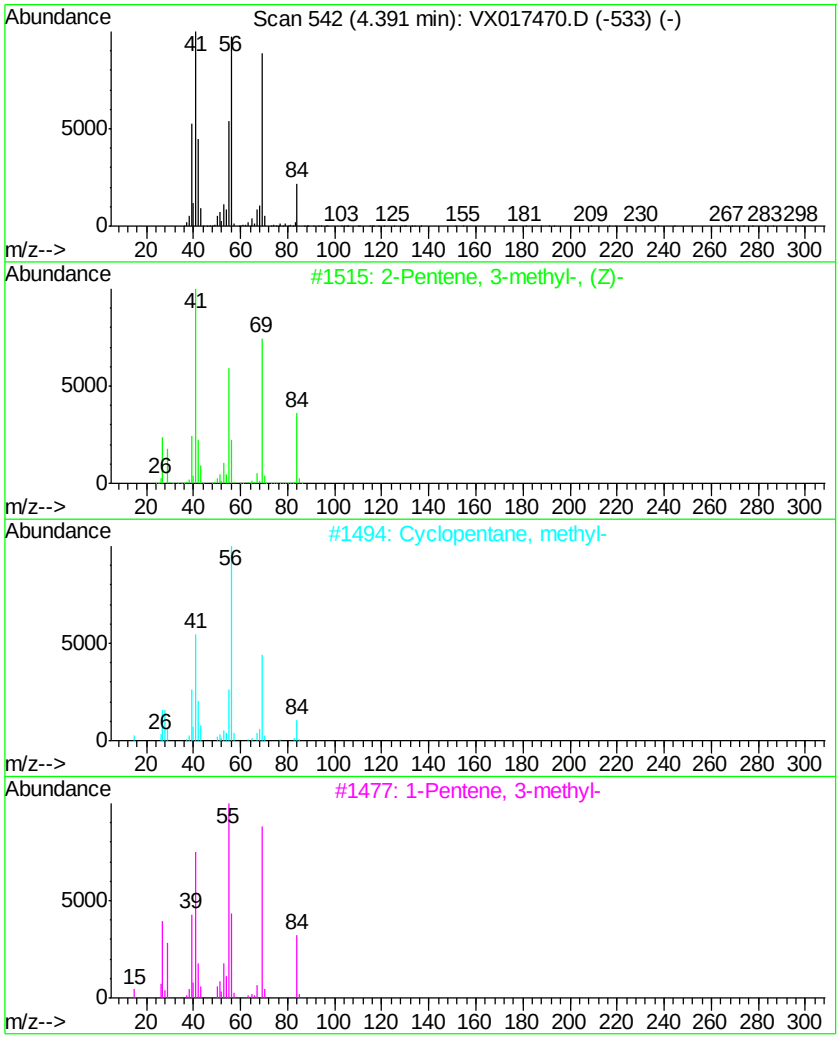
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

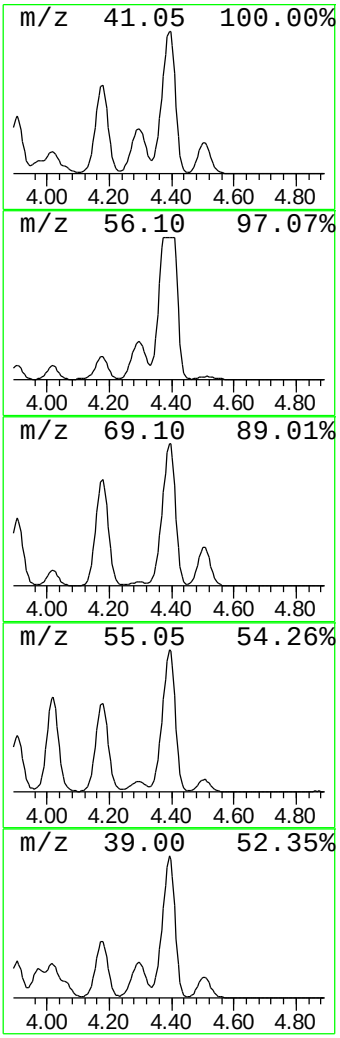
****

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	103.02 ug/L	159784000	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	55
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
3	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	50
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

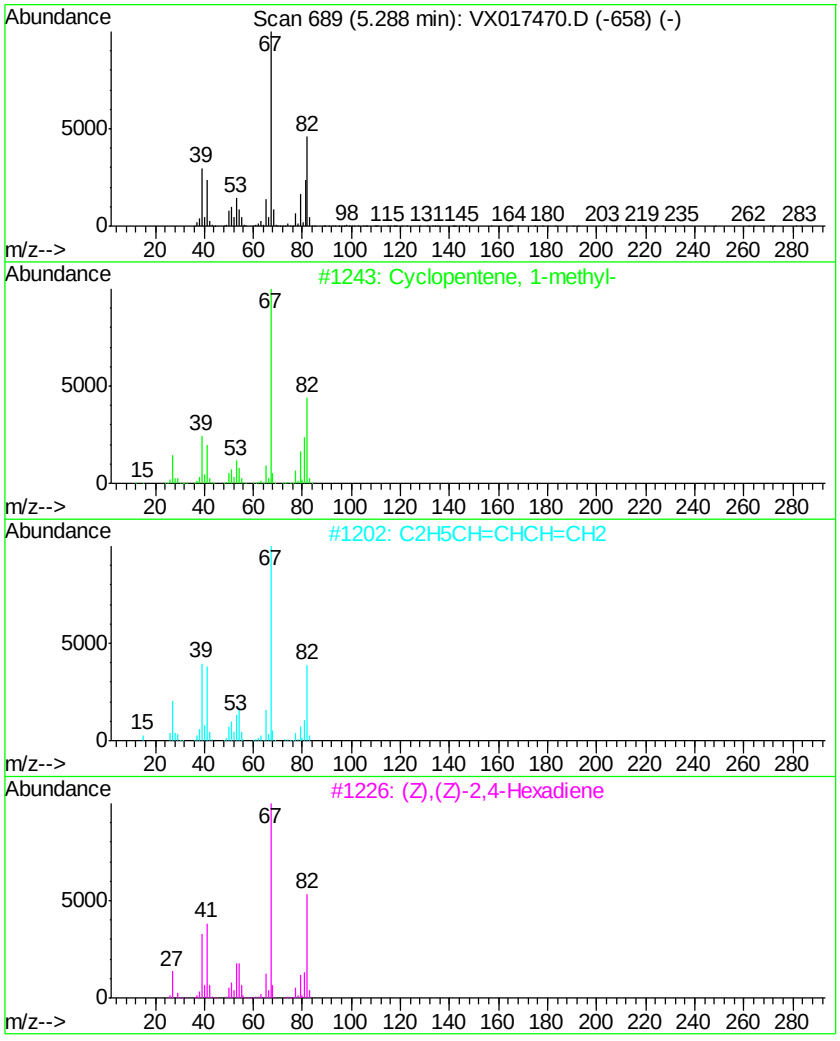
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

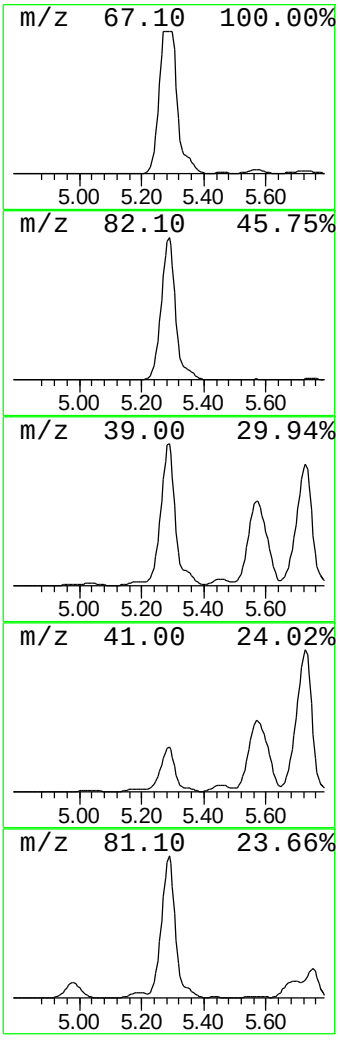
****

Peak Number 21 Cyclopentene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	75.44 ug/L	117016000	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	93
2	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	91
3	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	91
4	1,4-Hexadiene	82	C6H10	000592-45-0	91
5	2,4-Hexadiene	82	C6H10	000592-46-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

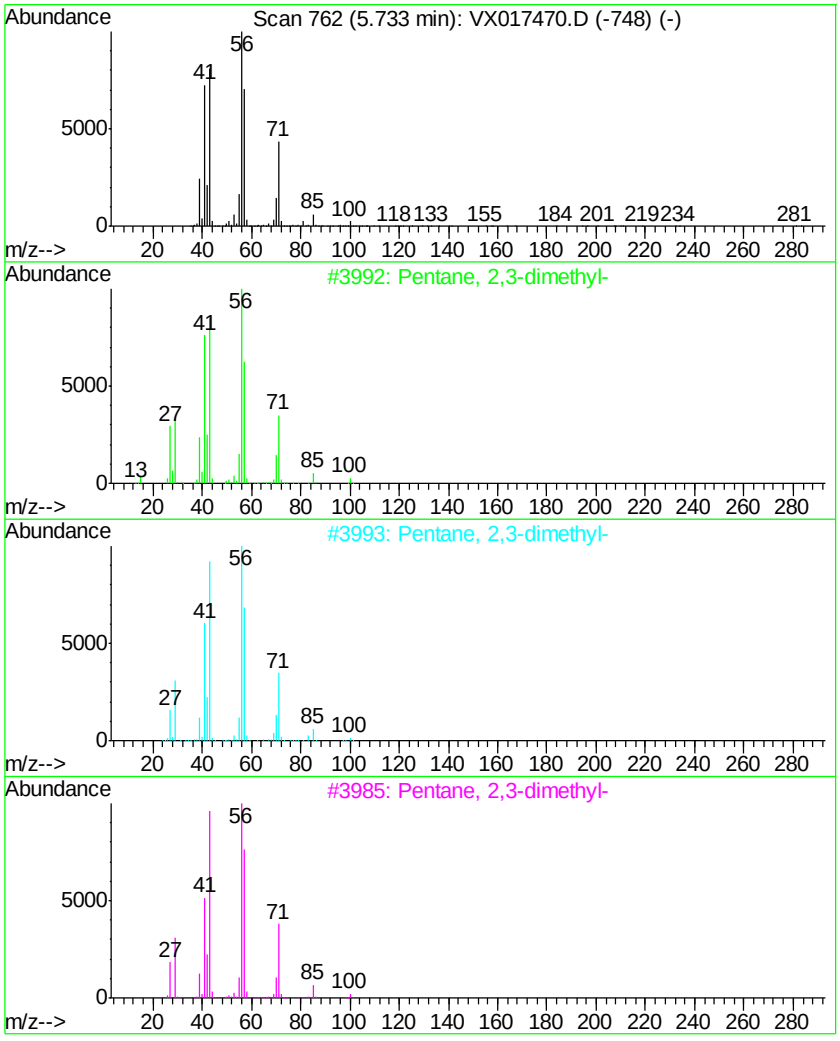
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

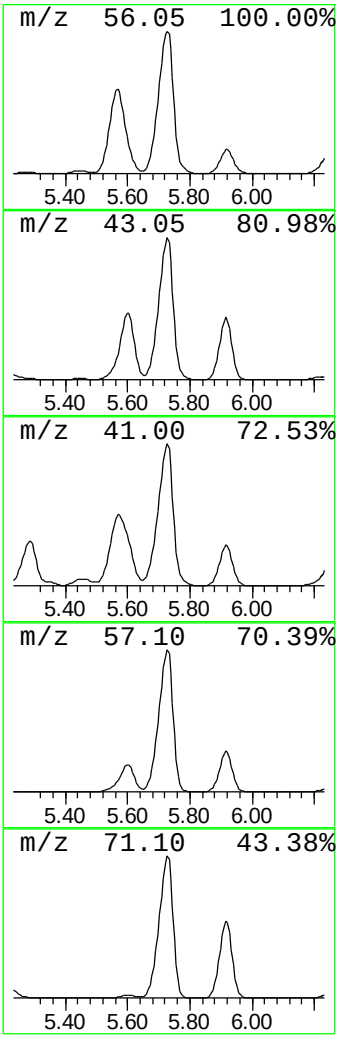
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	97.57 ug/L	151327000	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

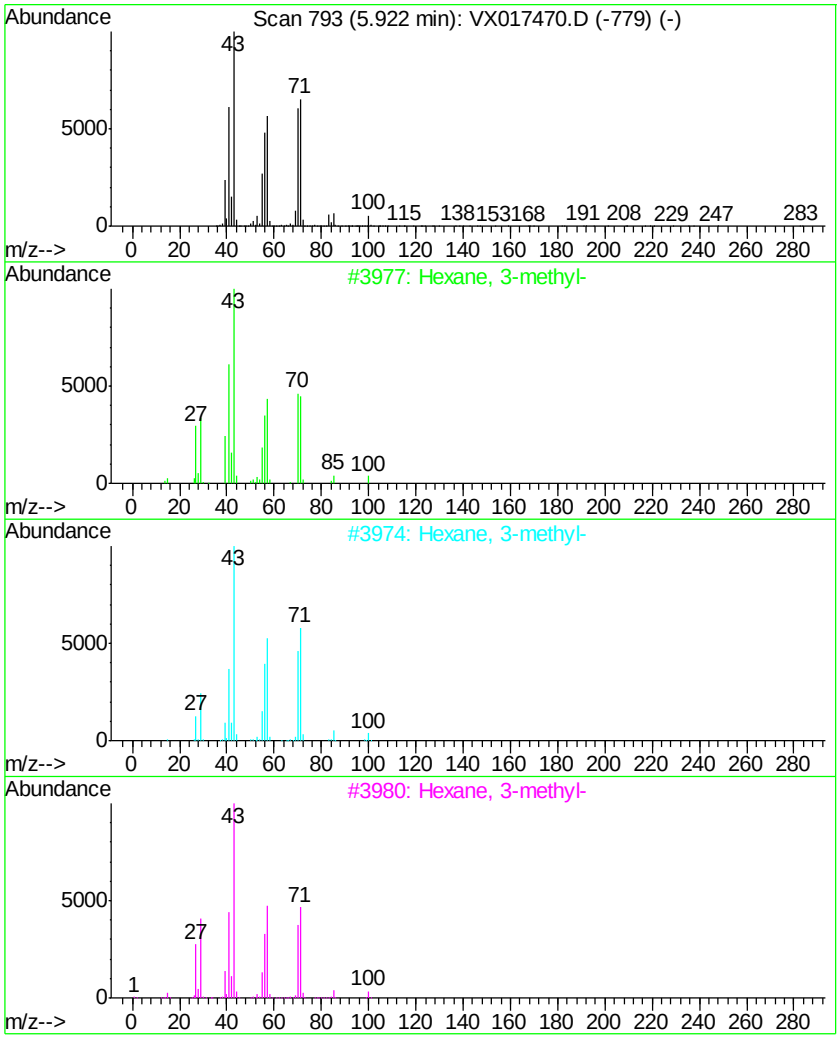
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

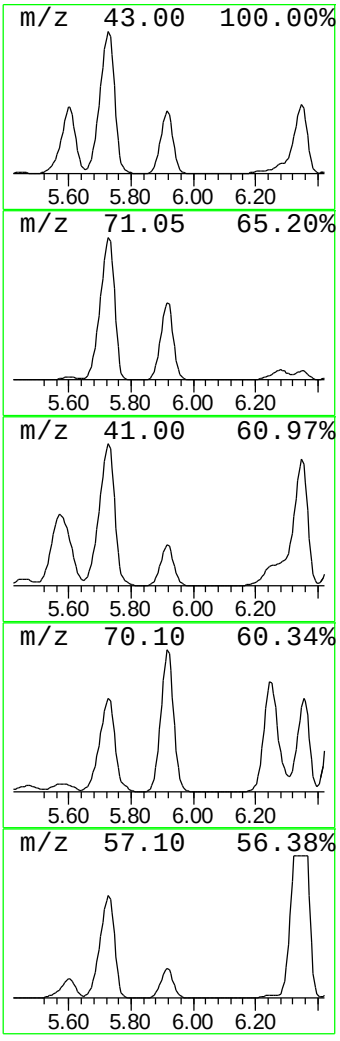
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	30.21 ug/L	46850400	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	80
5	Heptane	100	C7H16	000142-82-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

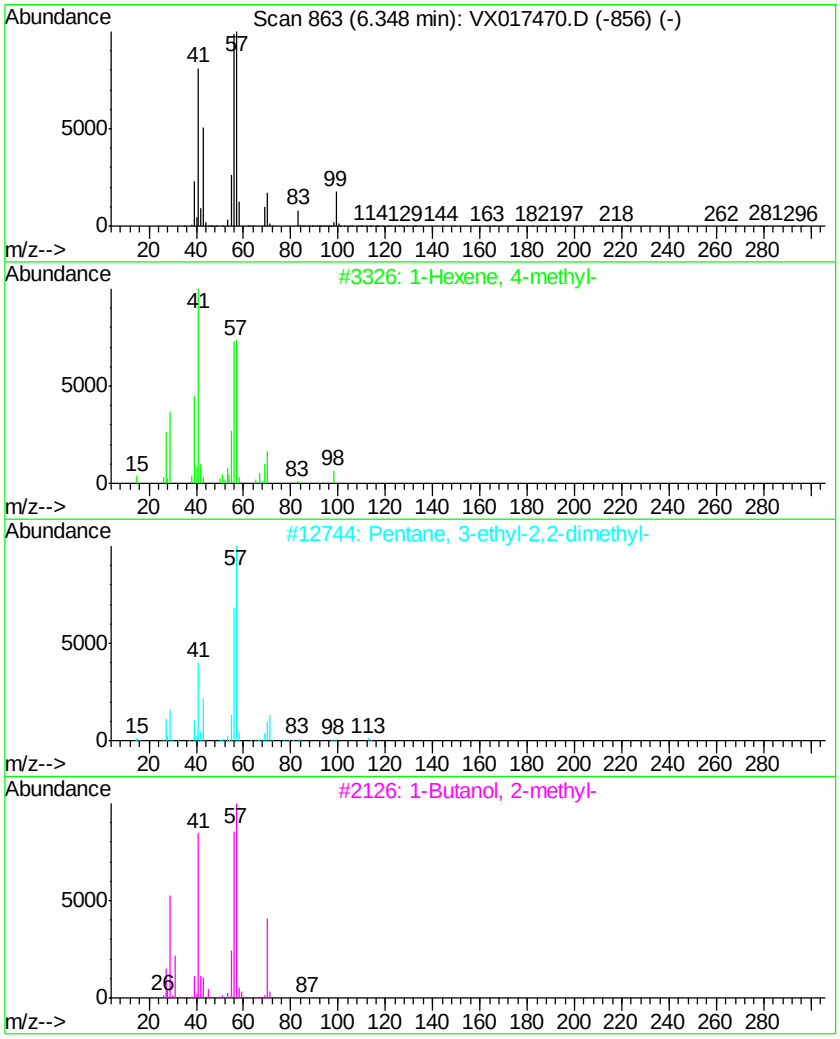
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

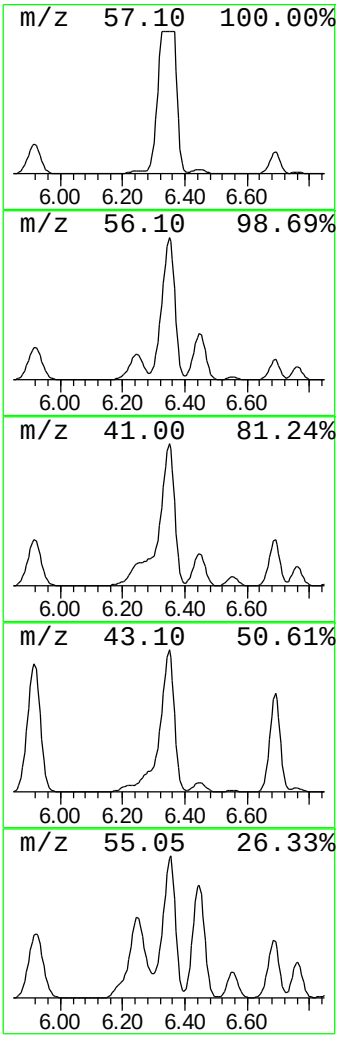
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	76.04 ug/L	117947000	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	72
2	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
3	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	64
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

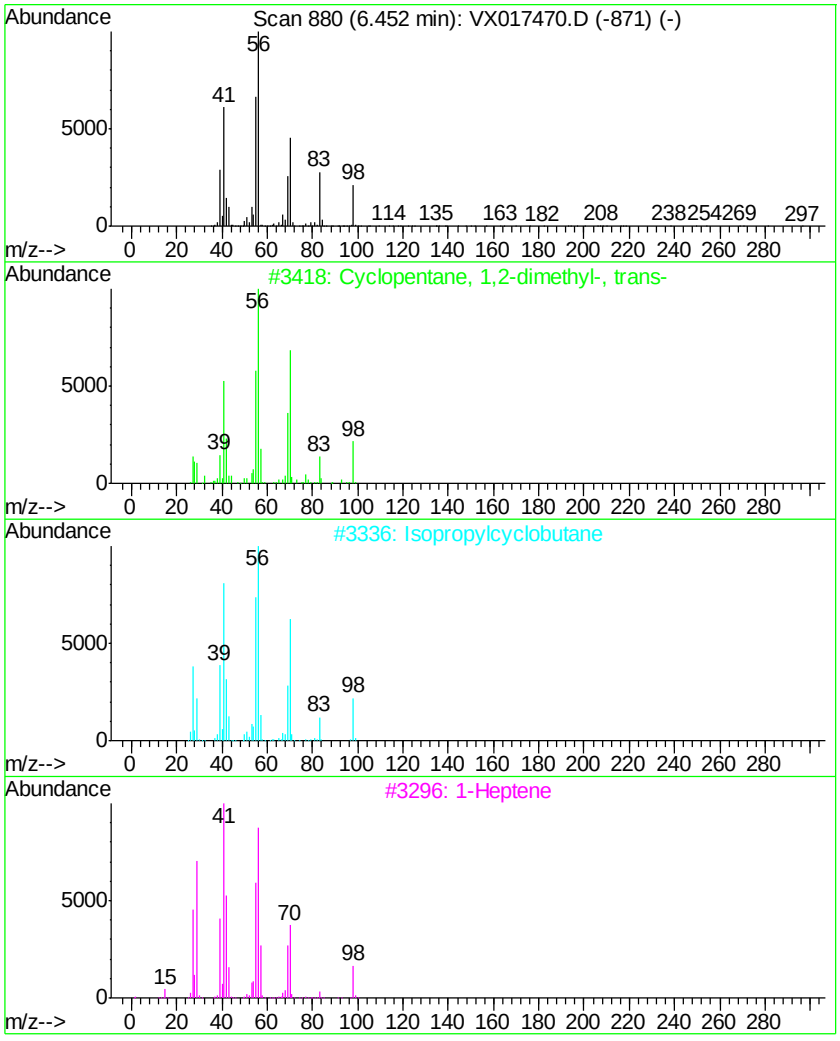
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

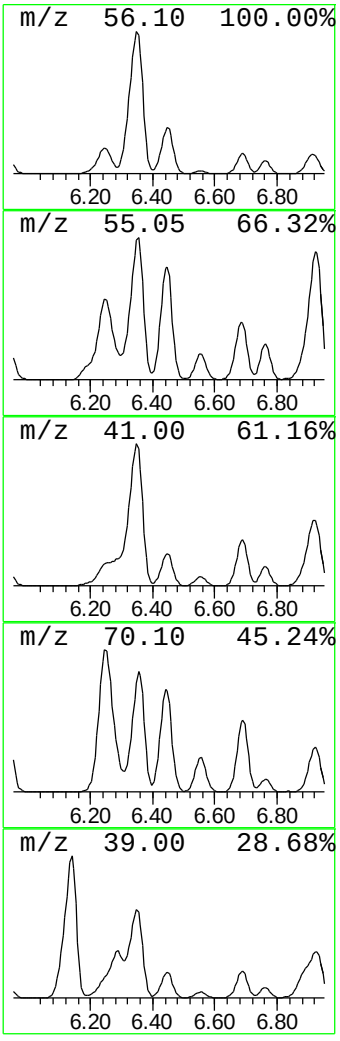
****

Peak Number 26 (DEL) Alkane: Cyclic6.45 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	17.07 ug/L	26483400	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	86
2	Isopropylcyclobutane	98	C7H14	000872-56-0	81
3	1-Heptene	98	C7H14	000592-76-7	64
4	1-Heptene	98	C7H14	000592-76-7	64
5	(Z)-2-Heptene	98	C7H14	006443-92-1	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

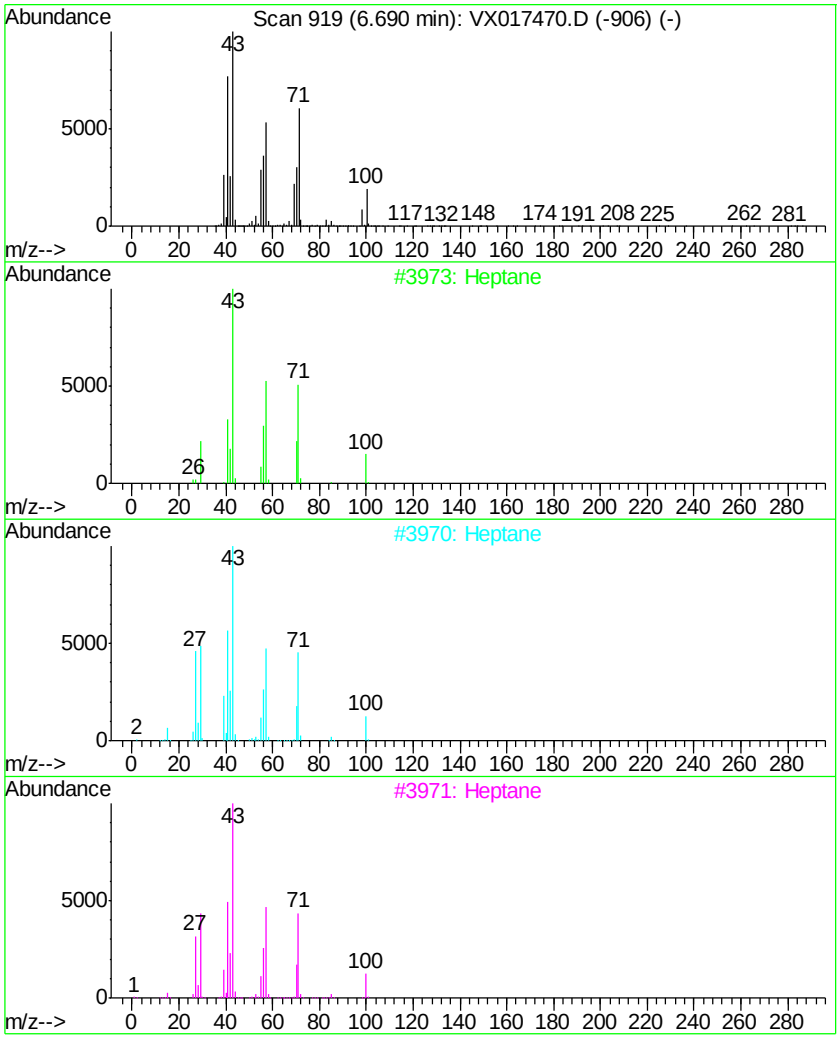
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

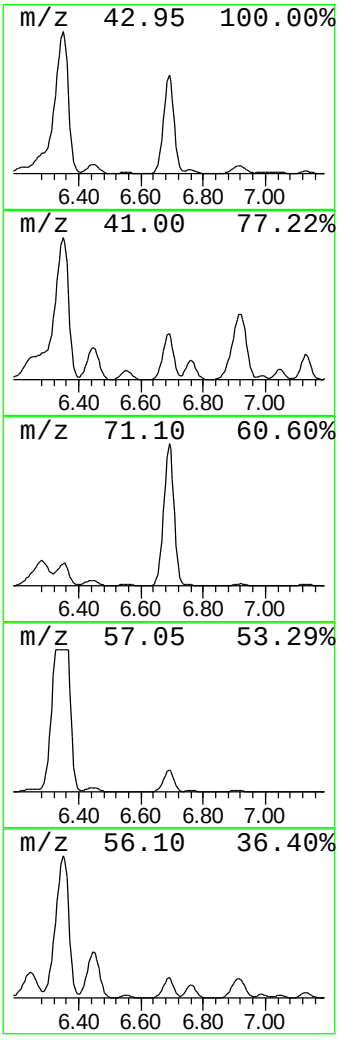
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	20.50 ug/L	31799400	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	87
2	Heptane	100	C7H16	000142-82-5	64
3	Heptane	100	C7H16	000142-82-5	52
4	Heptane	100	C7H16	000142-82-5	50
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

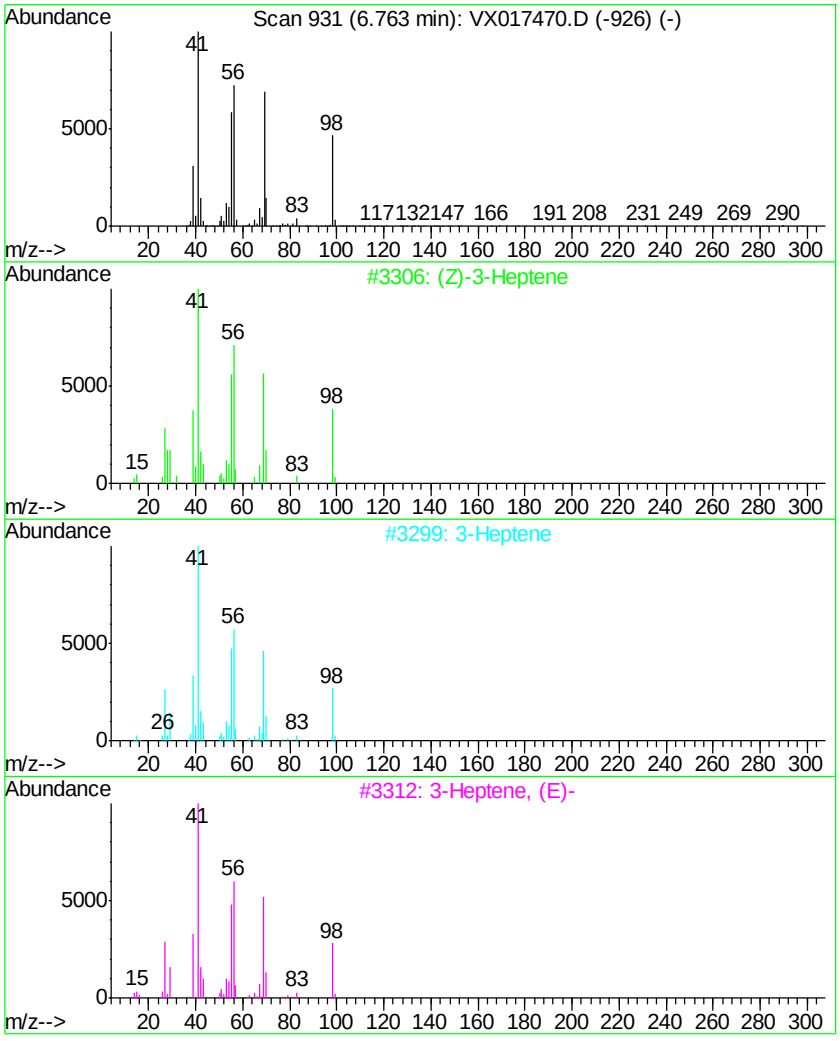
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

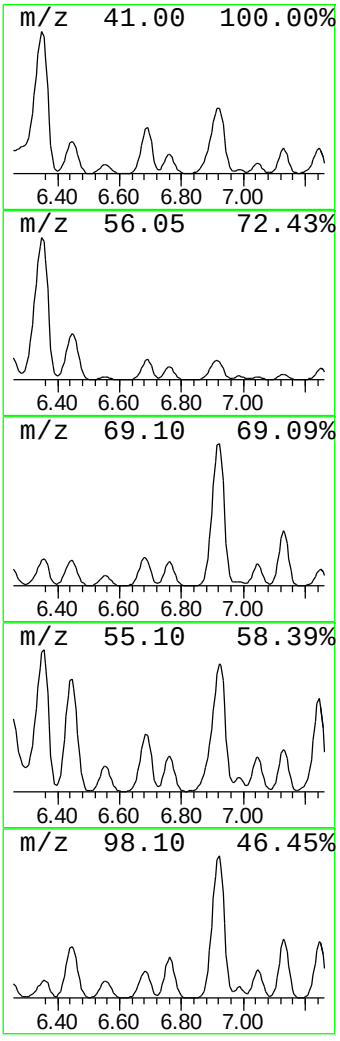
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	5.00 ug/L	7755140	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-3-Heptene	98	C7H14	007642-10-6	95
2	3-Heptene	98	C7H14	000592-78-9	94
3	3-Heptene, (E)-	98	C7H14	014686-14-7	94
4	3-Heptene, (E)-	98	C7H14	014686-14-7	91
5	3-Heptene	98	C7H14	000592-78-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

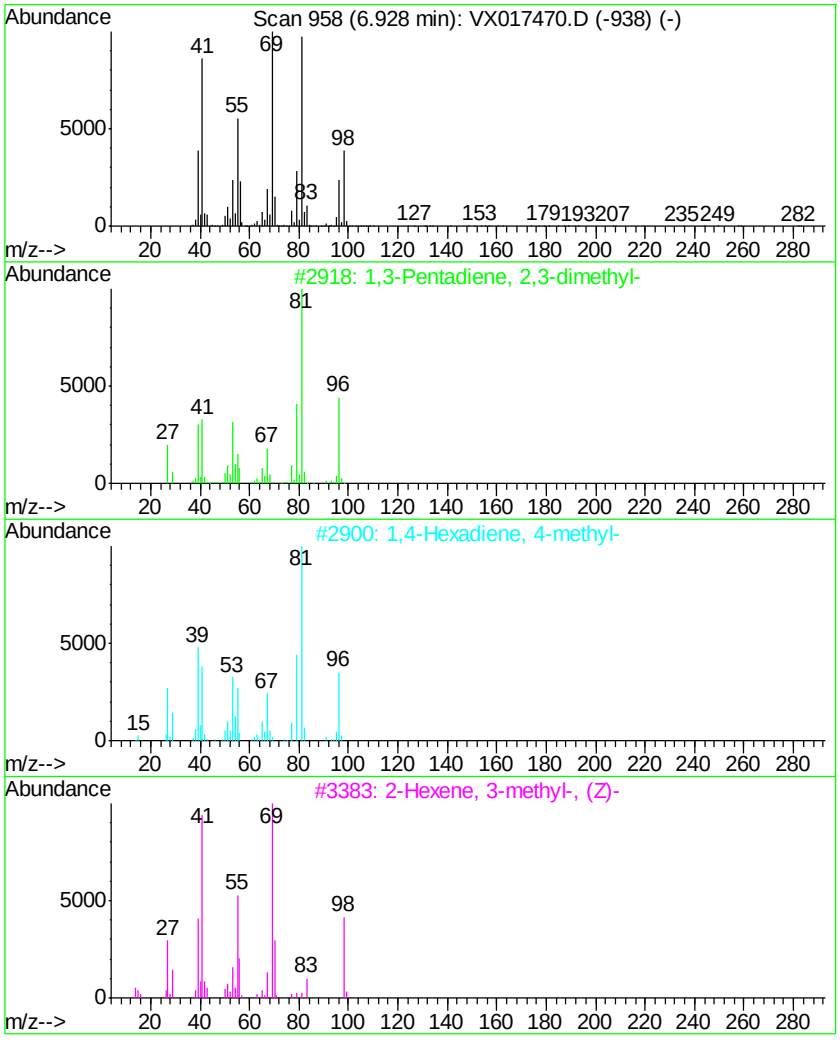
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

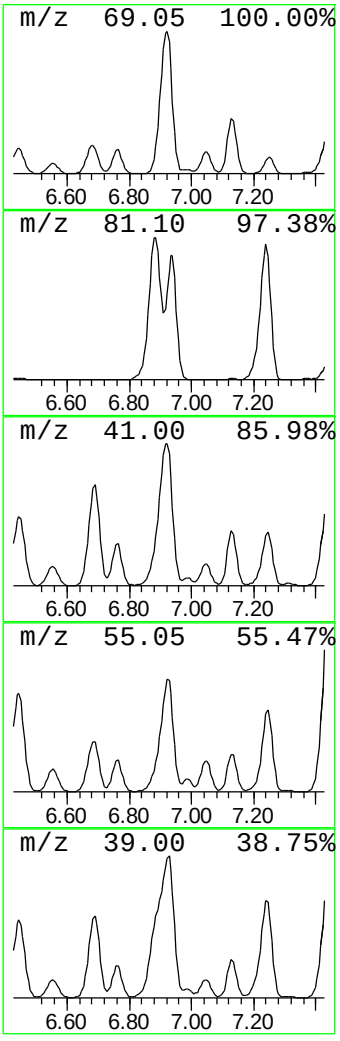
****

Peak Number 29 1,3-Pentadiene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	49.41 ug/L	76637900	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	80
2	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	74
3	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	60
4	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	46
5	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

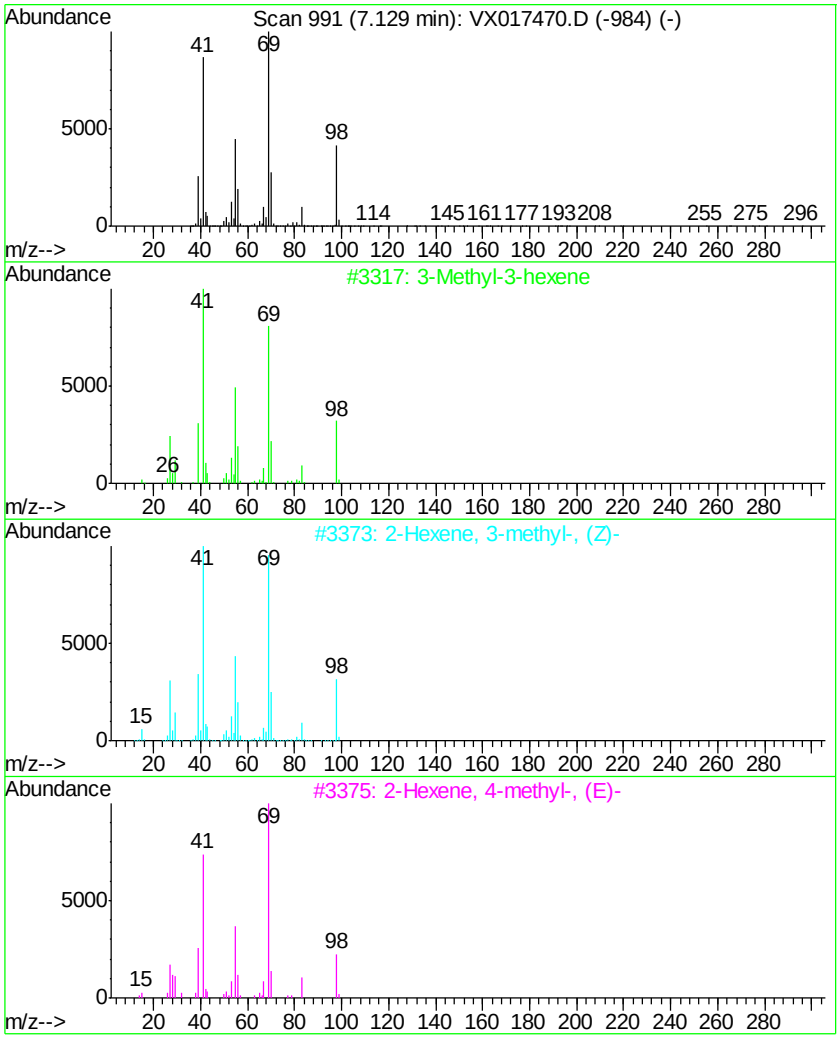
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

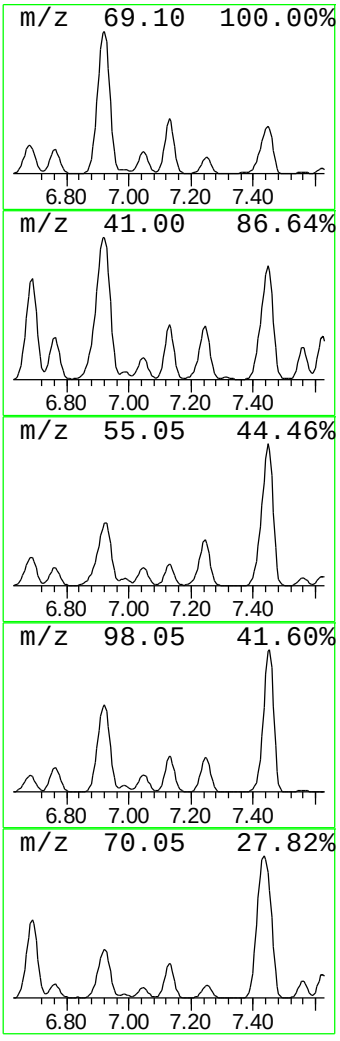
****

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	6.66 ug/L	10335900	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3-hexene	98	C7H14	003404-65-7	94
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	94
3	2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	87
4	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	80
5	3-Methyl-3-hexene	98	C7H14	003404-65-7	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

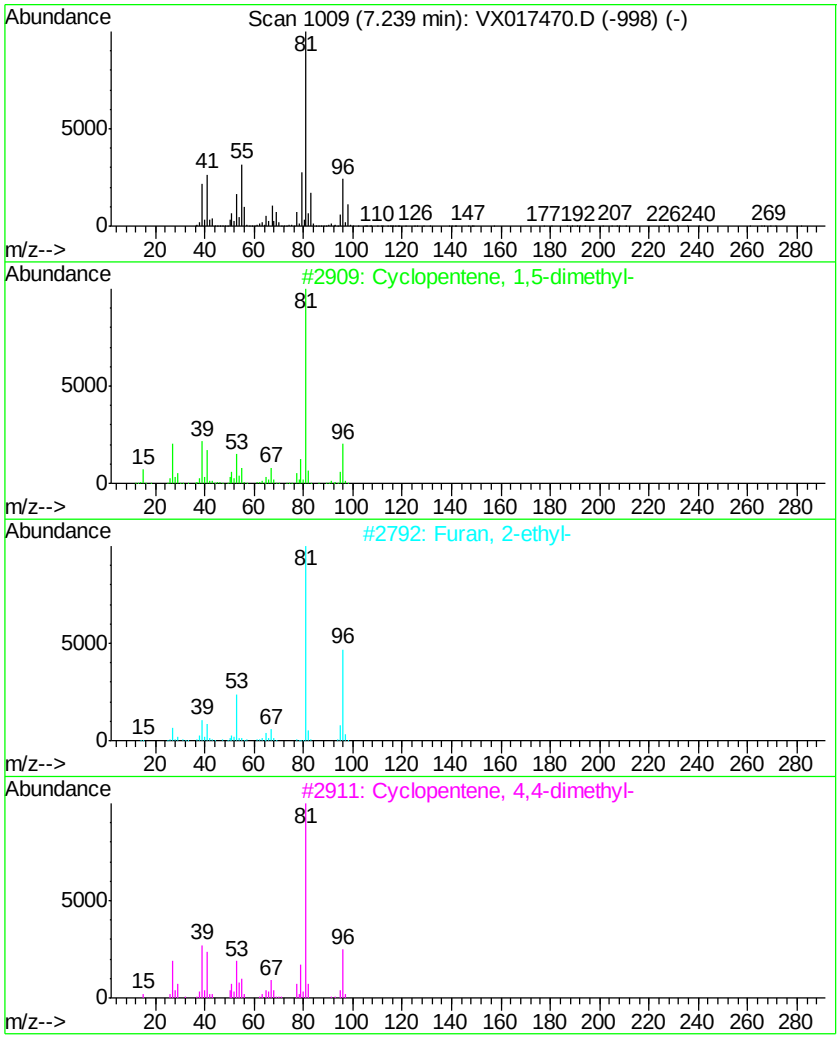
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

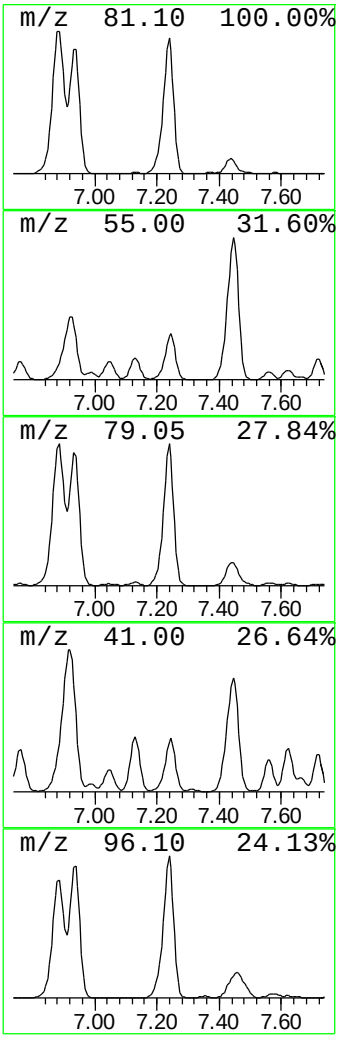
****

Peak Number 31 Cyclopentene, 1,5-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	20.72 ug/L	32141400	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	76
2	Furan, 2-ethyl-	96	C6H8O	003208-16-0	70
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	68
4	2,4-Dimethyl 1,4-pentadiene	96	C7H12	004161-65-3	59
5	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

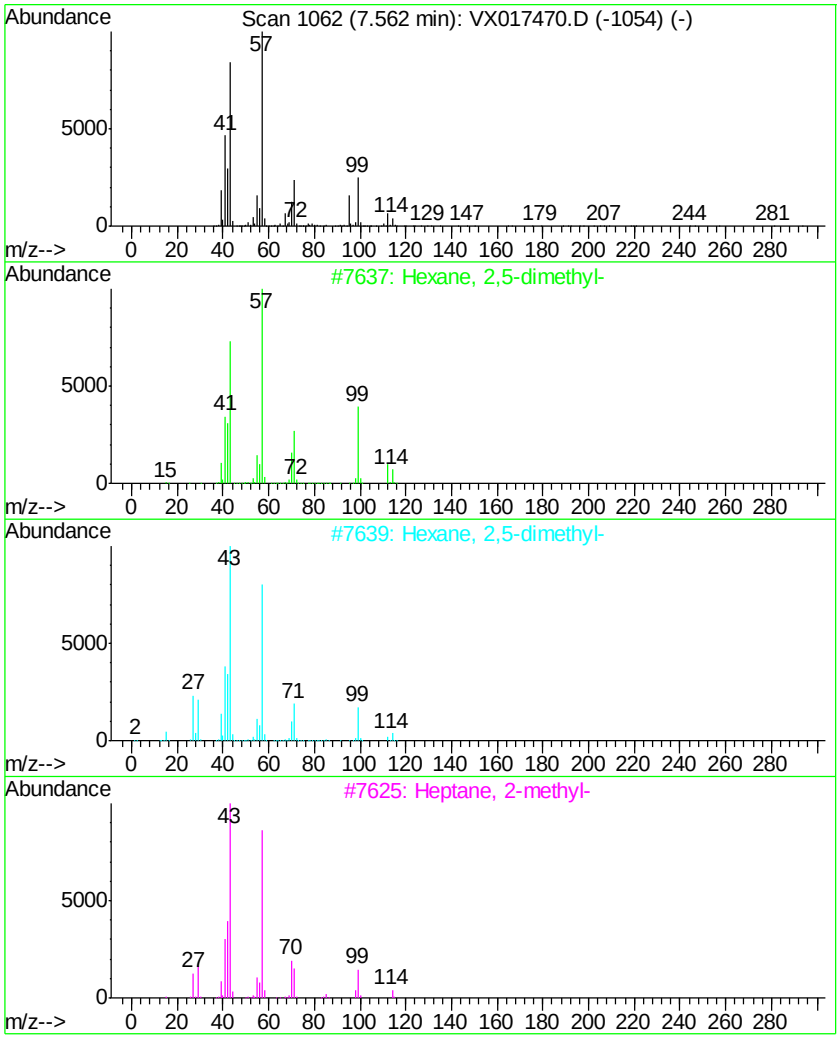
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

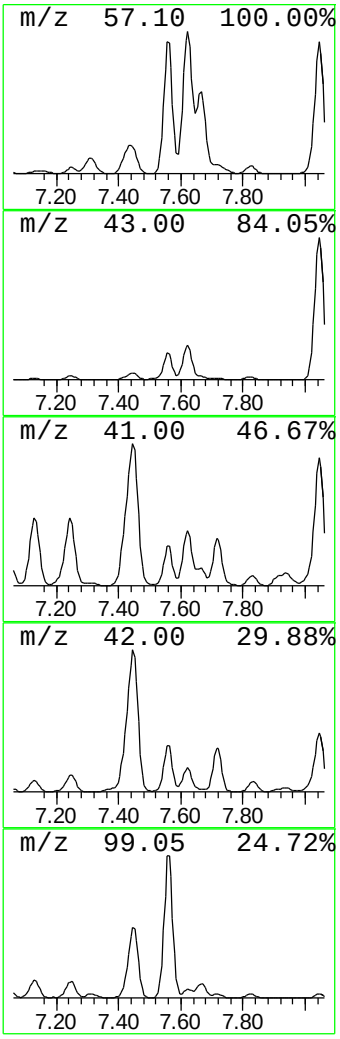
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	7.21 ug/L	11180300	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	94
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	90
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	74
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	49
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

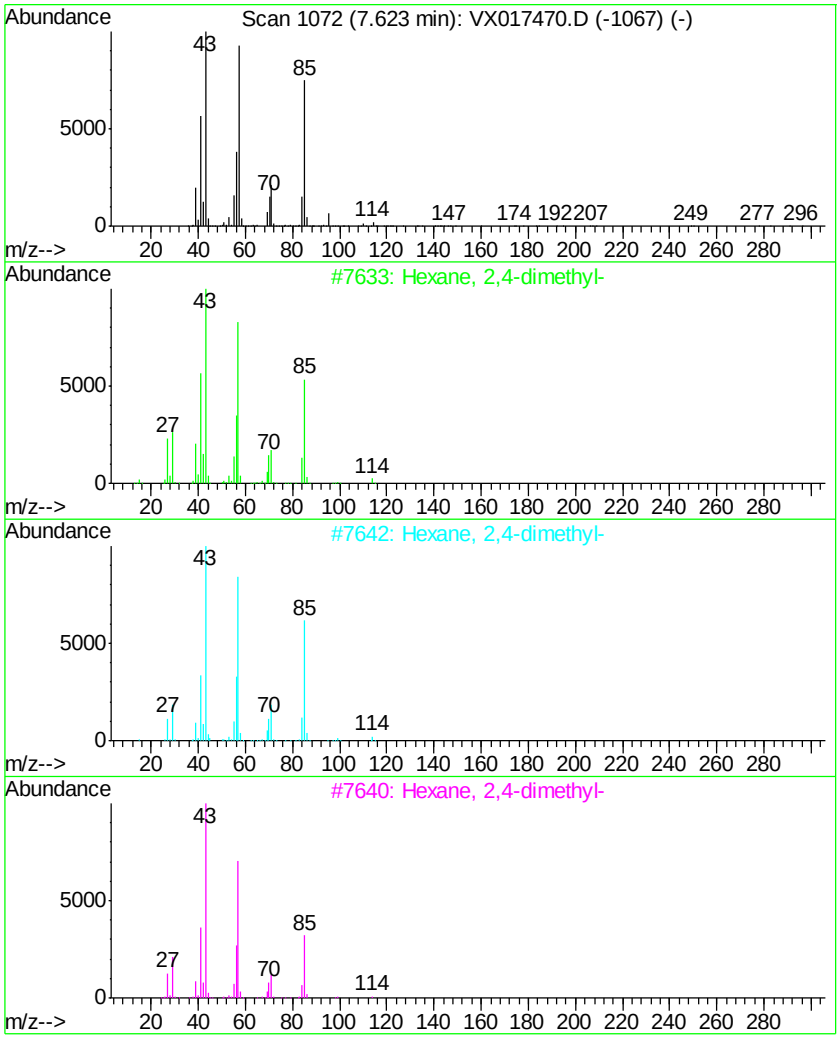
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

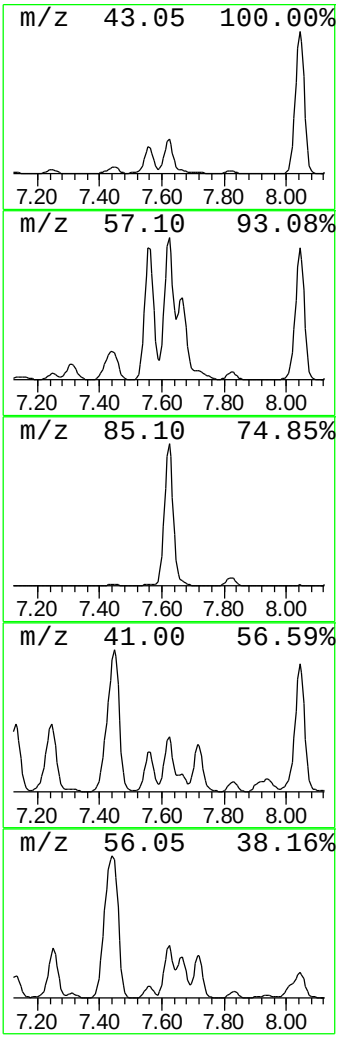
****

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	7.44 ug/L	11546600	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	96
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	95
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

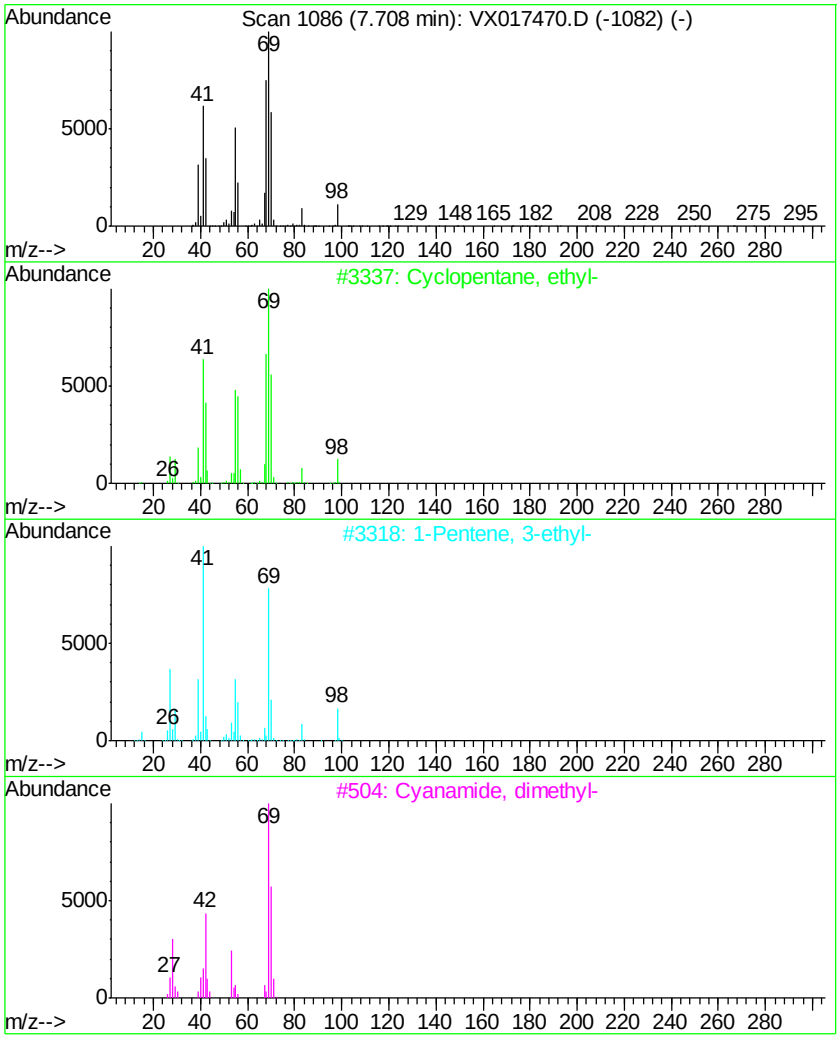
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

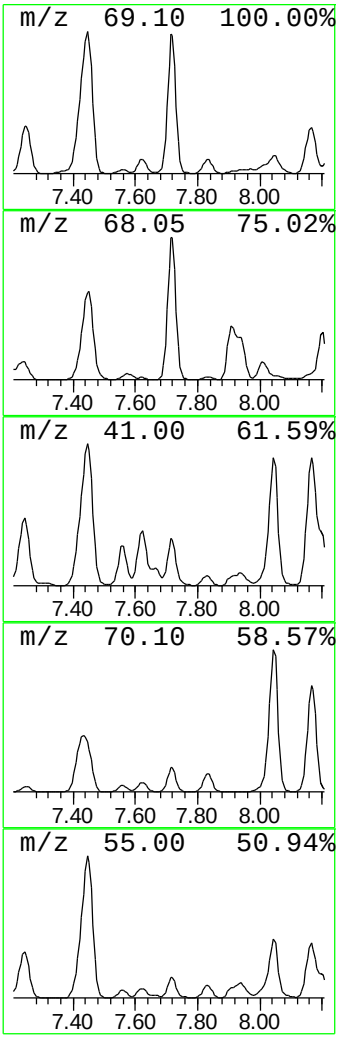
****

Peak Number 34 (DEL) Alkane: Cyclic7.71 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	7.31 ug/L	11335300	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	90
2	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	46
3	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	43
4	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	43
5	3-Methyl-2-hexene	98	C7H14	017618-77-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

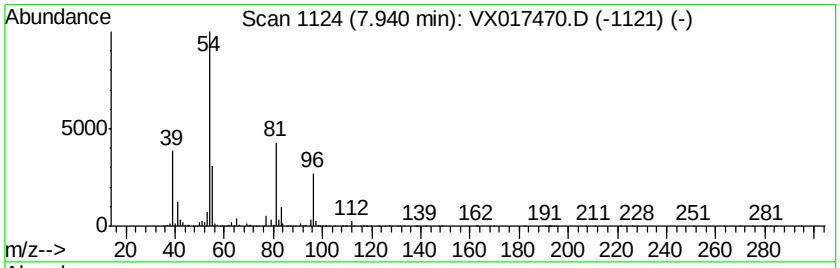
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

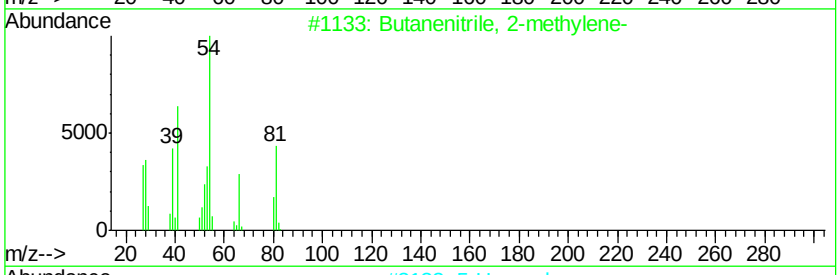
****

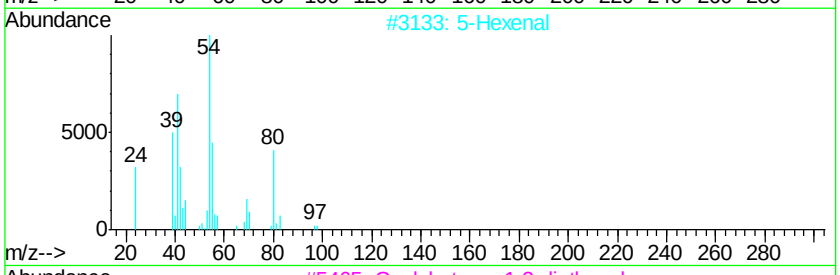
Peak Number 35 Butanenitrile, 2-methylene- Concentration Rank 80

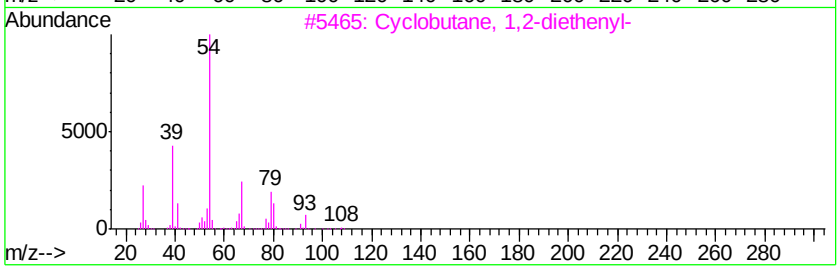
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	4.70 ug/L	7285270	1,4-Difluorobenzene	6.84

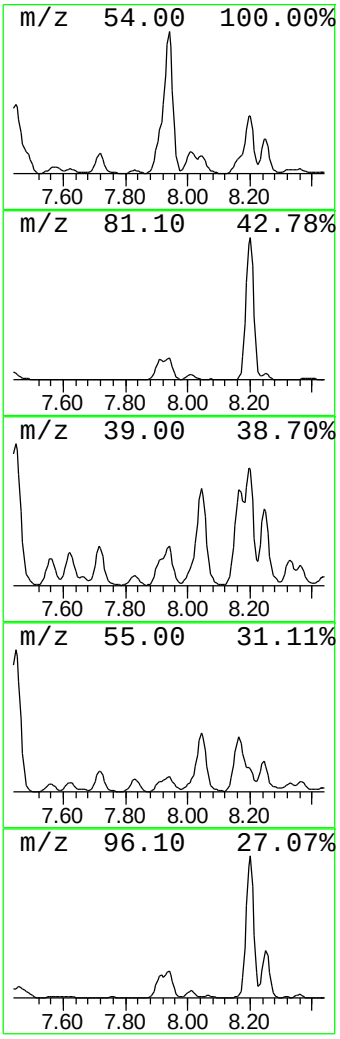
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanenitrile, 2-methylene-	81	C5H7N	001647-11-6	64
2	5-Hexenal	98	C6H10O	000764-59-0	64
3	Cyclobutane, 1,2-diethenyl-	108	C8H12	002422-85-7	40
4	2-Ethylideneamino-propionitrile	96	C5H8N2	1000190-55-6	39
5	1,6-Heptadiene	96	C7H12	003070-53-9	39











Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

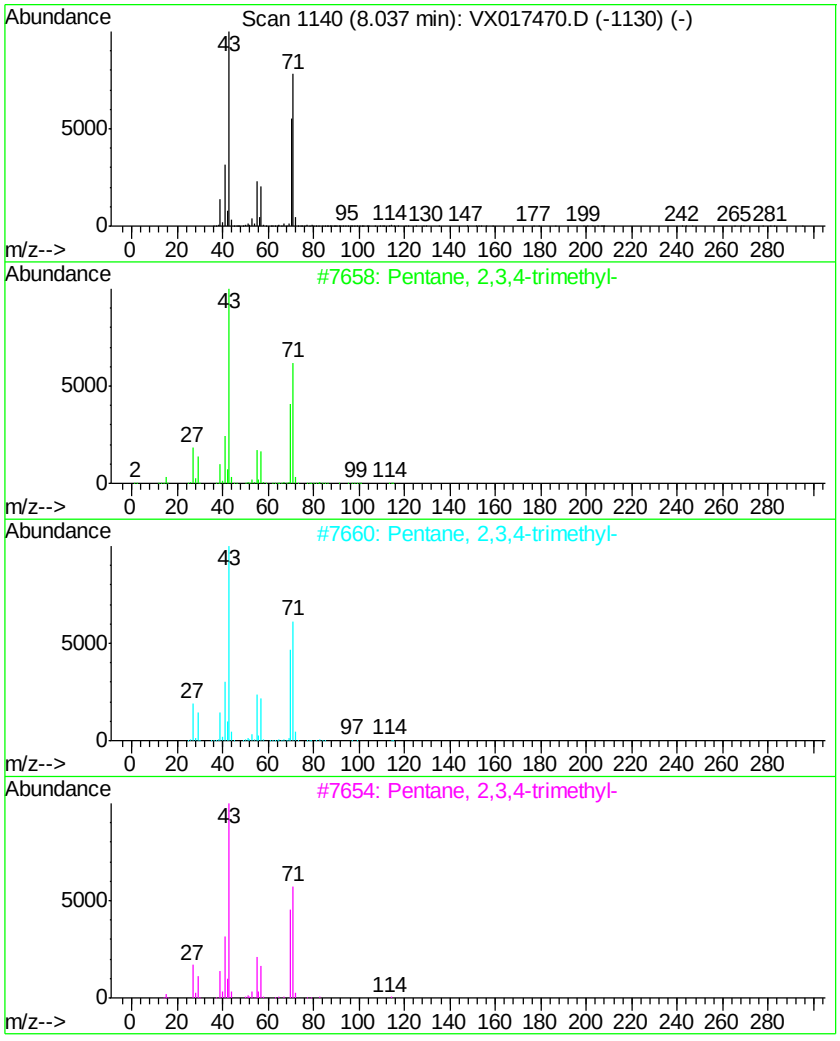
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

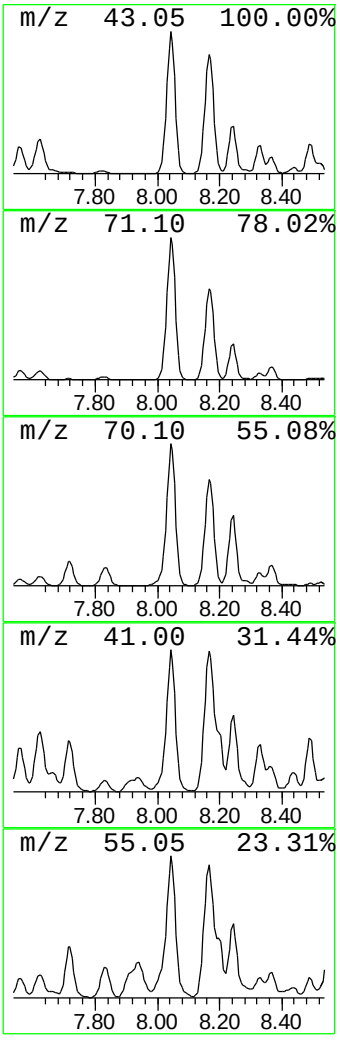
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	31.35 ug/L	48629300	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

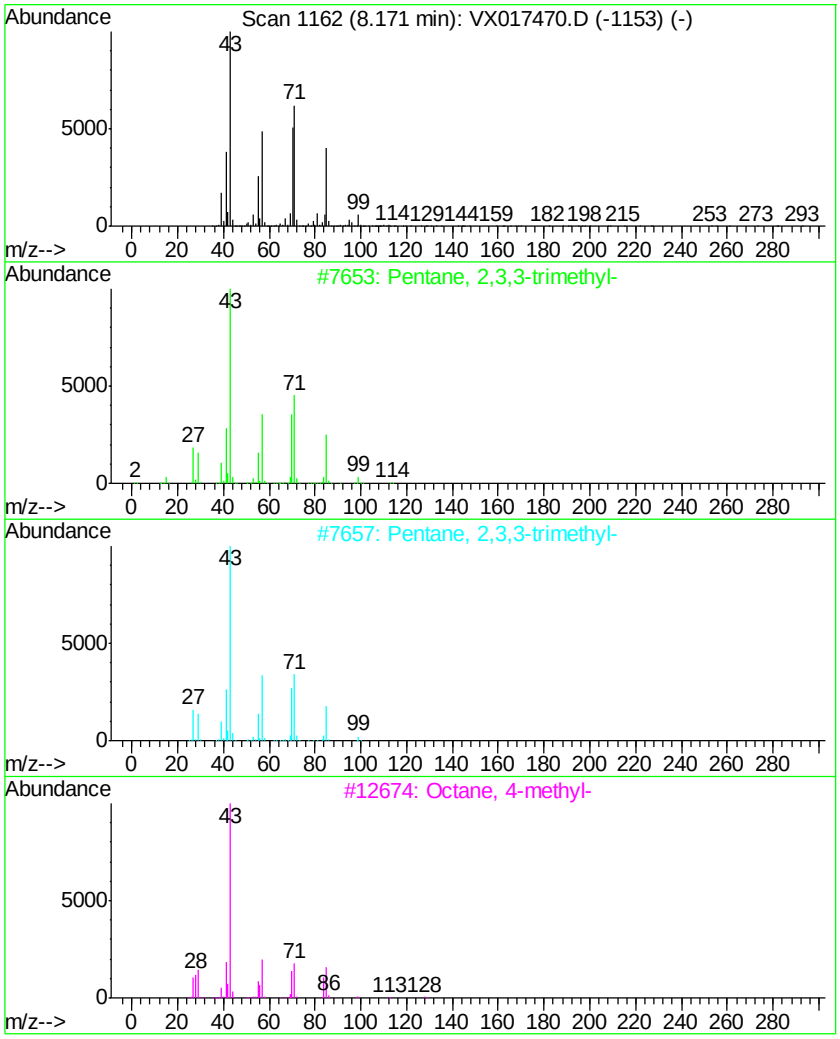
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

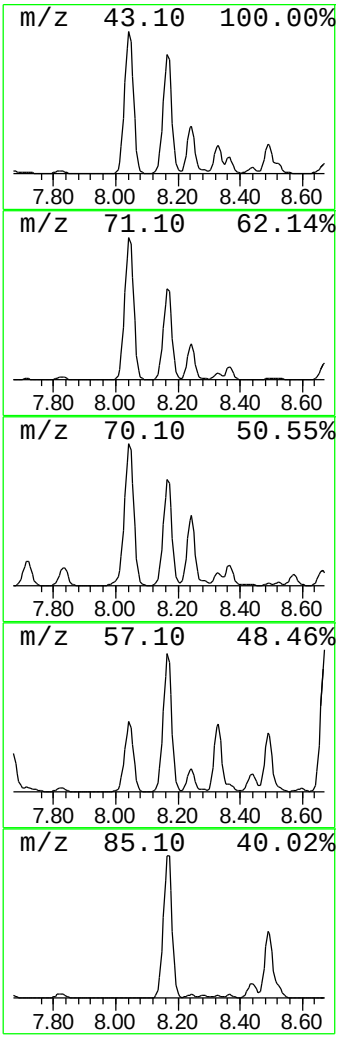
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	29.97 ug/L	46484300	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	74
3	Octane, 4-methyl-	128	C9H20	002216-34-4	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

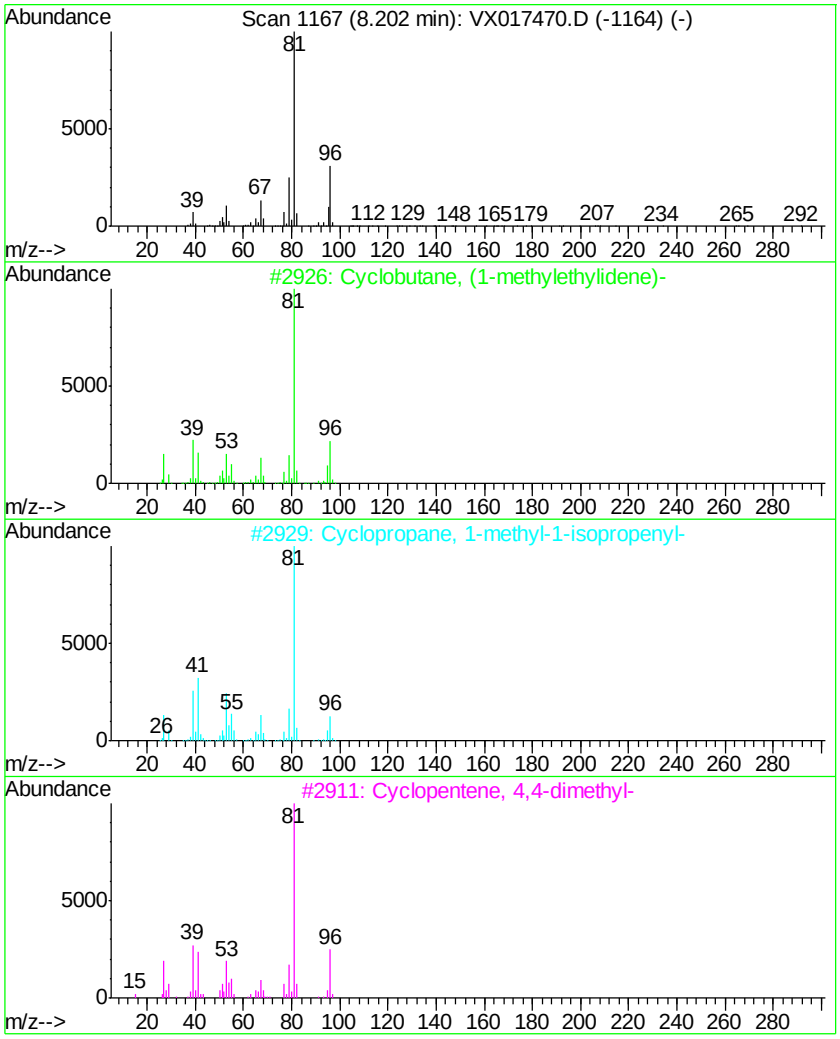
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

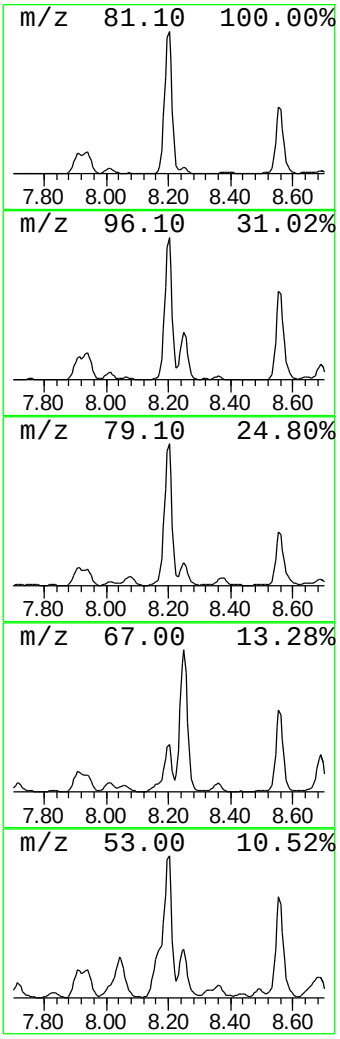
****

Peak Number 38 Cyclobutane, (1-methylethyl... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	18.67 ug/L	28956100	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	91
2	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	90
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
4	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	78
5	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

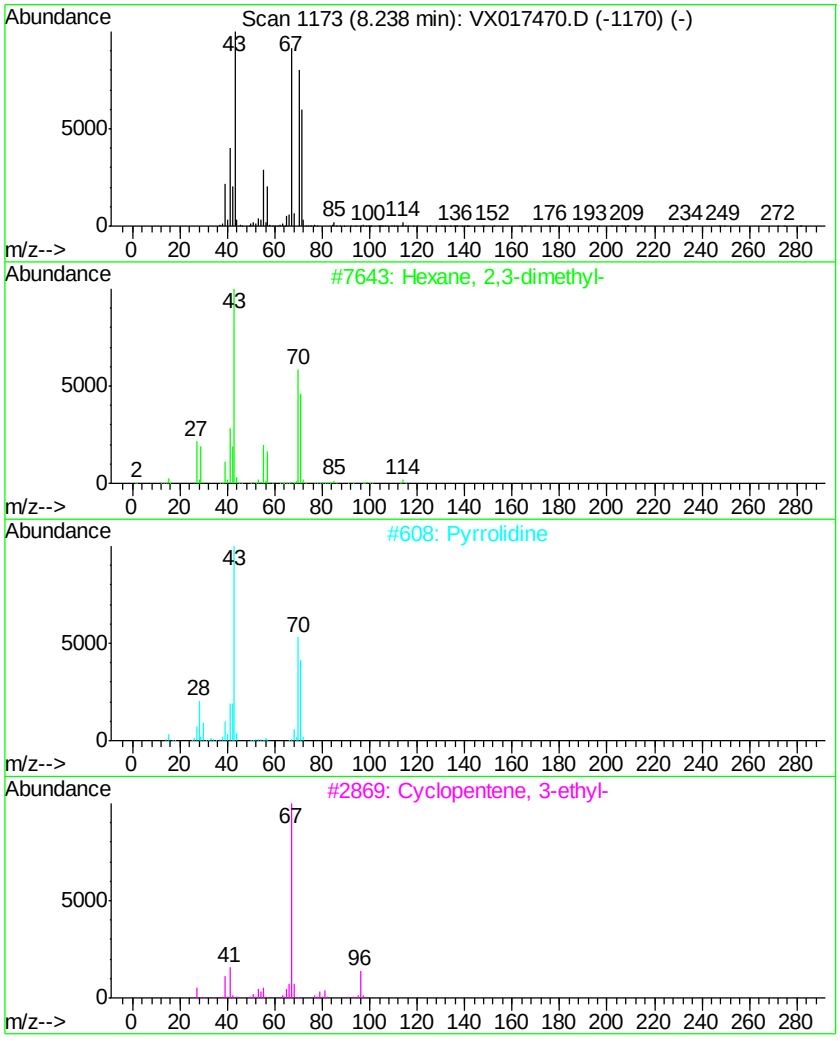
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

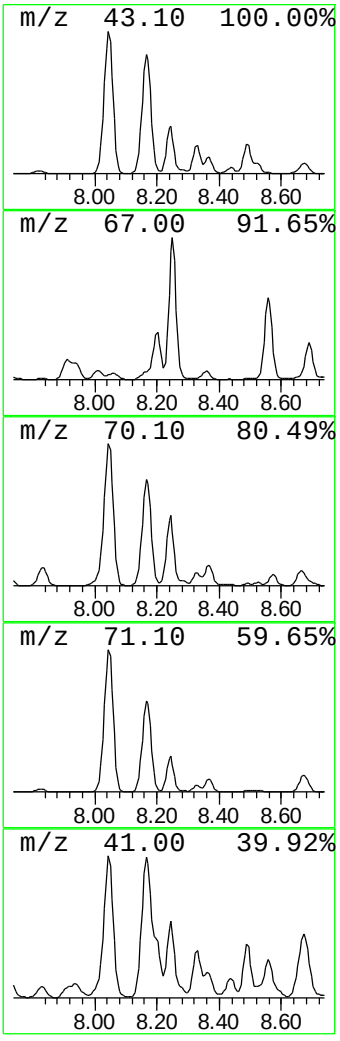
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	15.74 ug/L	24410100	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	45
2	Pyrrolidine	71	C4H9N	000123-75-1	38
3	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	35
4	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	35
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

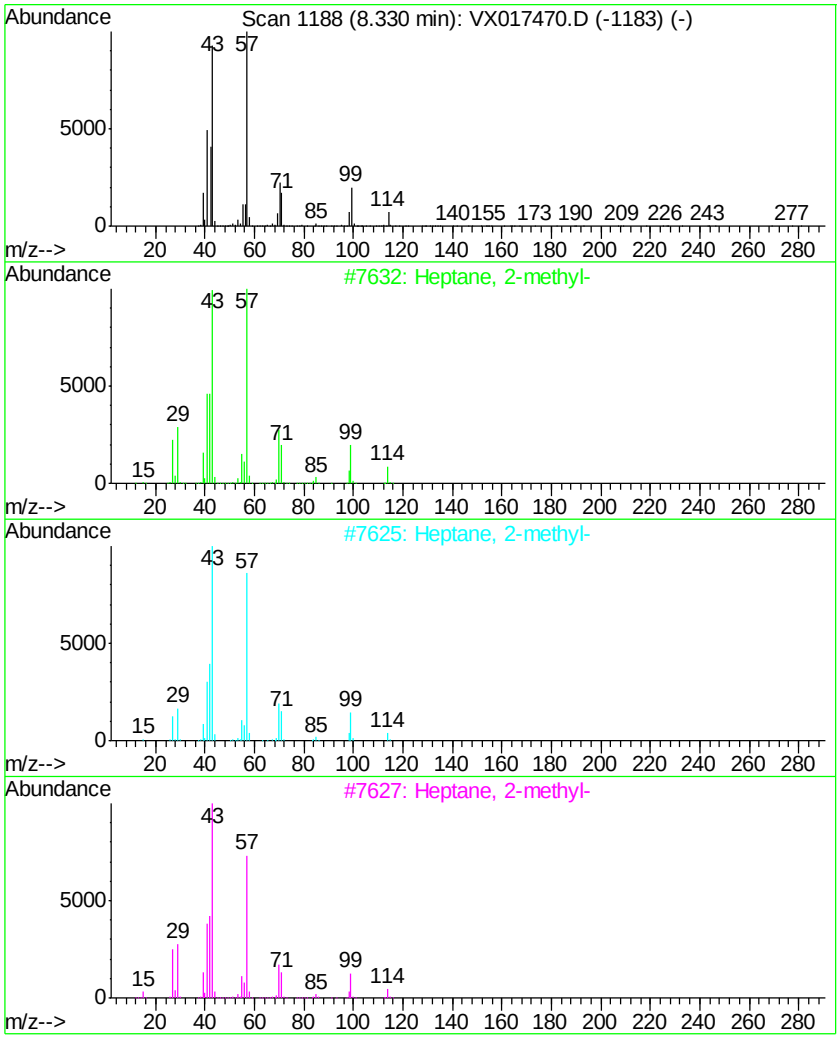
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

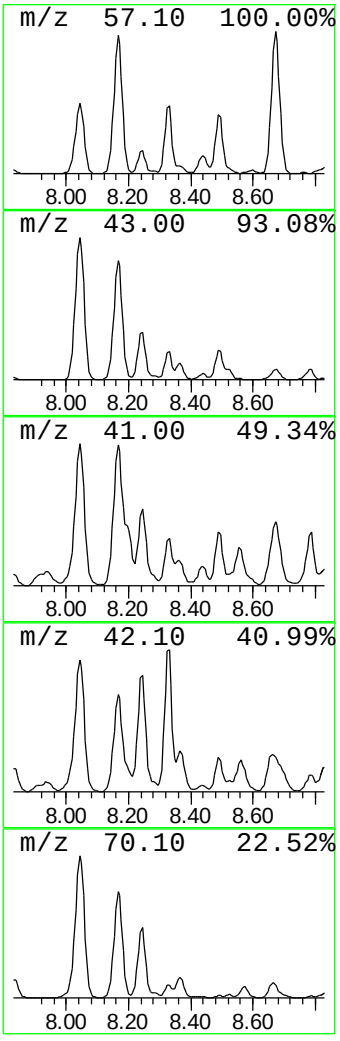
****

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	5.52 ug/L	8565830	1,4-Difluorobenzene	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

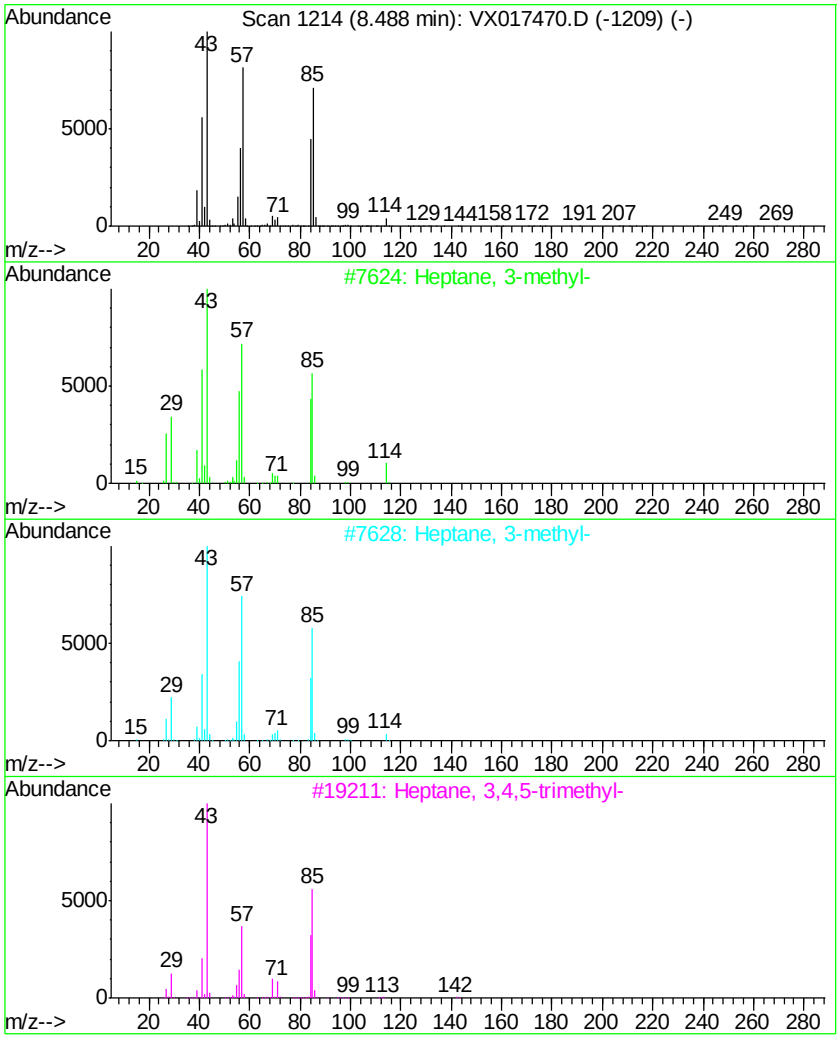
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

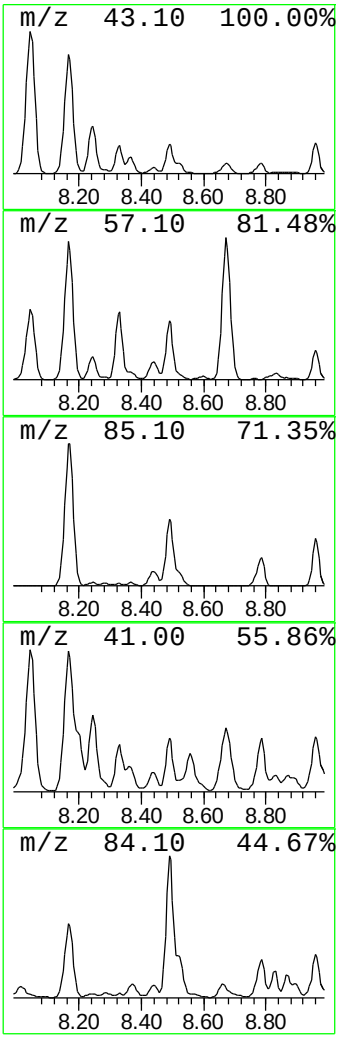
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	8.74 ug/L	8800790	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	94
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	90
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	87
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	86
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

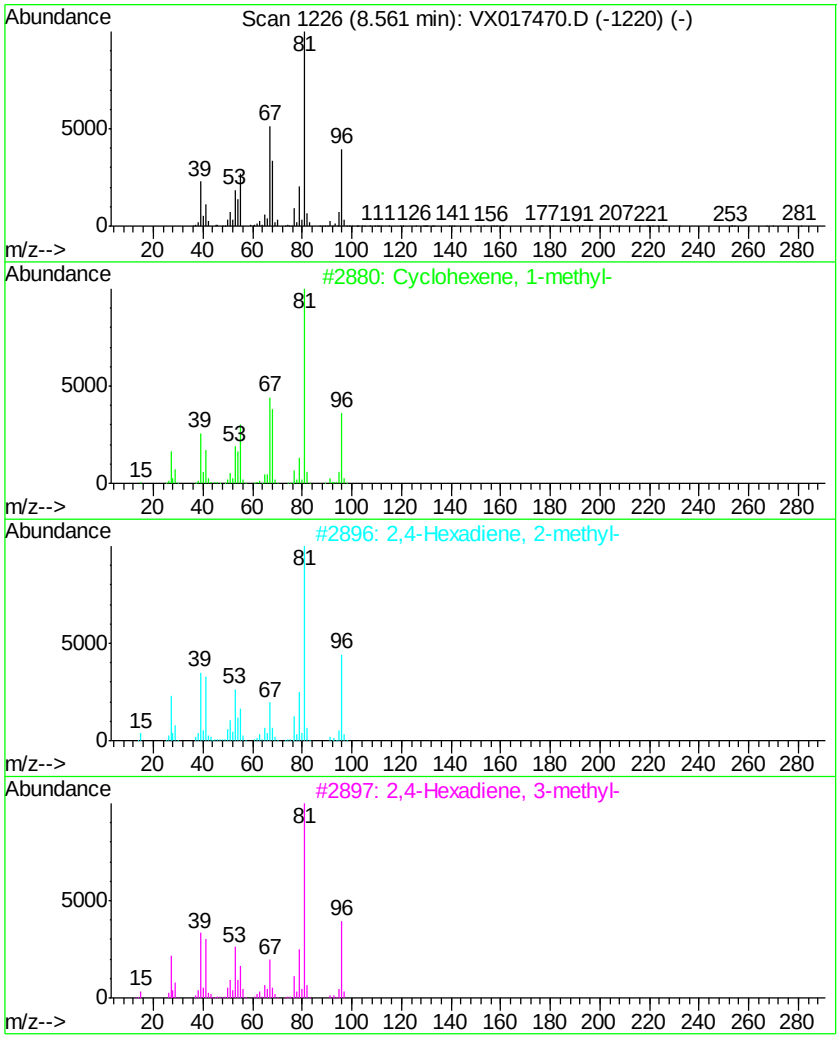
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

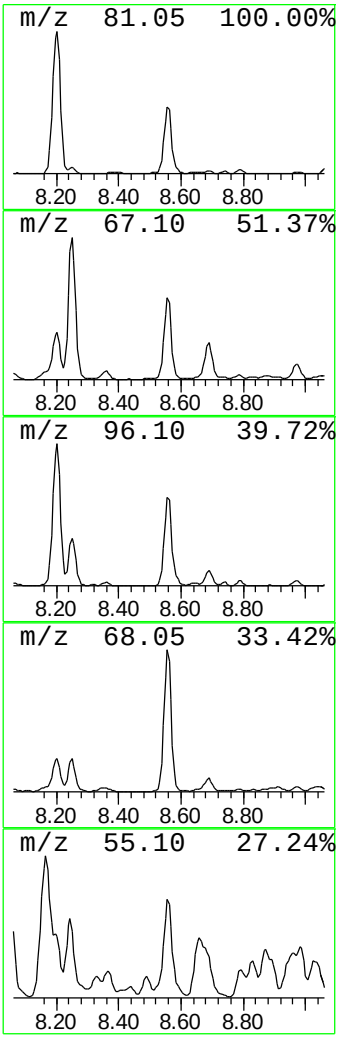
****

Peak Number 42 2,4-Hexadiene, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	25.34 ug/L	25508600	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	93
3	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	93
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

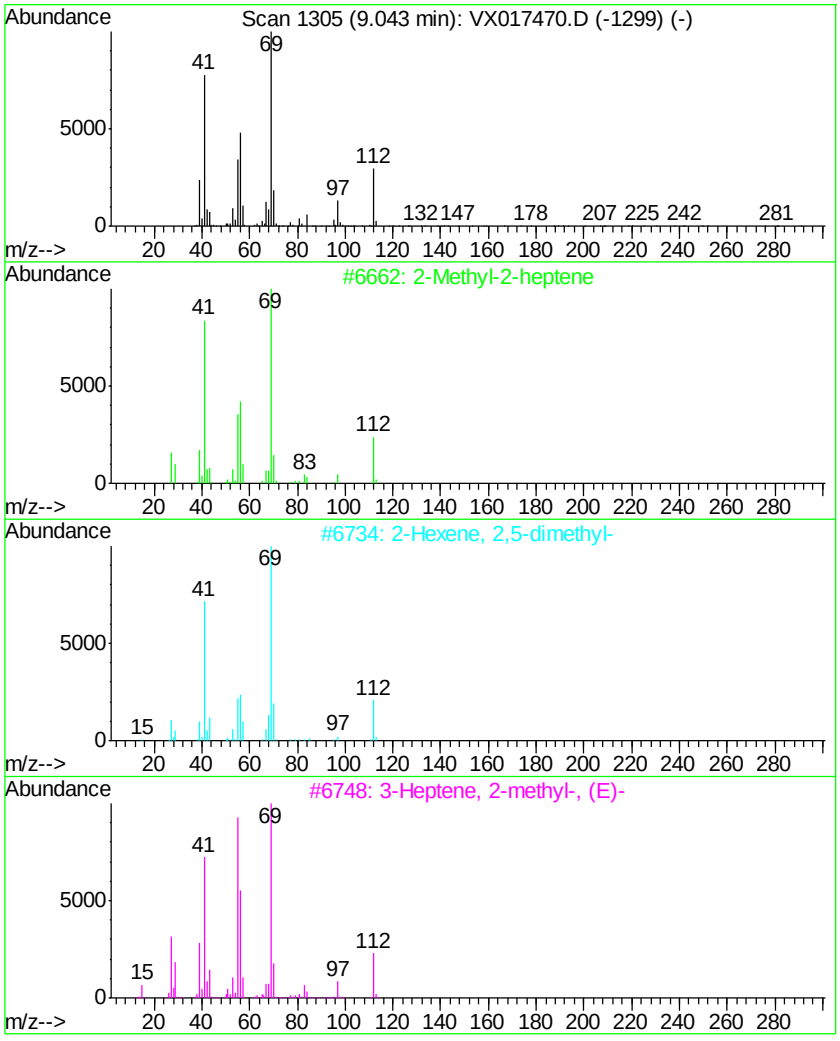
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

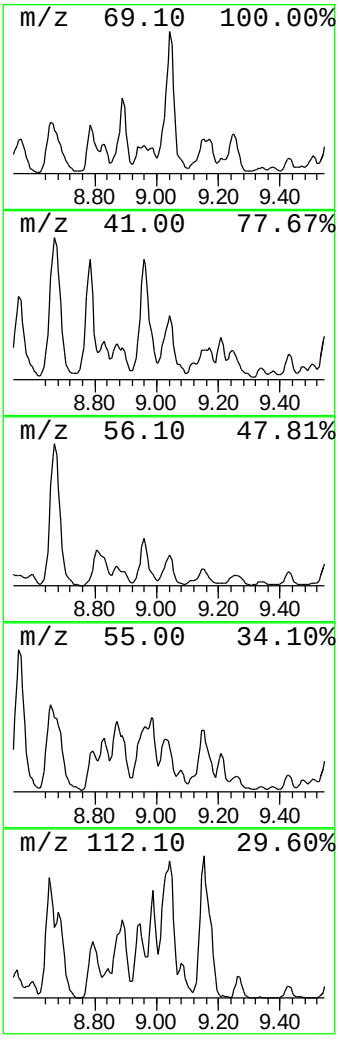
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	6.20 ug/L	6239460	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-heptene	112	C8H16	000627-97-4	91
2	2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	80
3	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	78
4	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	72
5	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

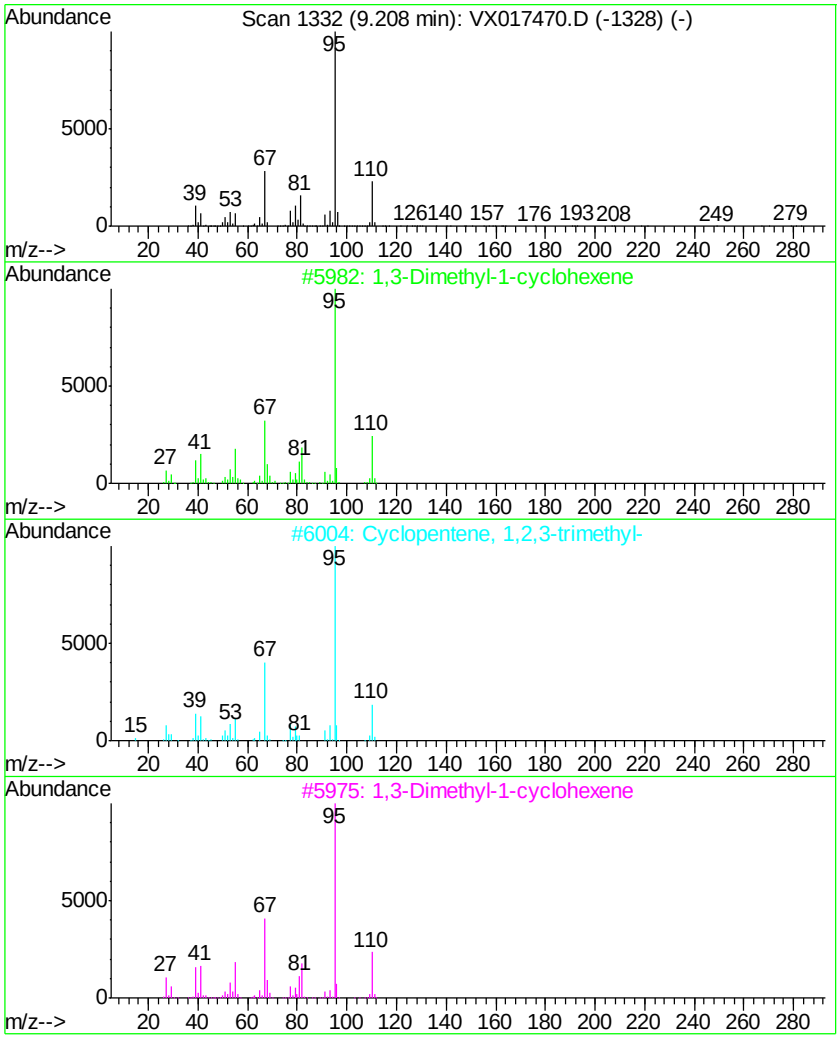
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

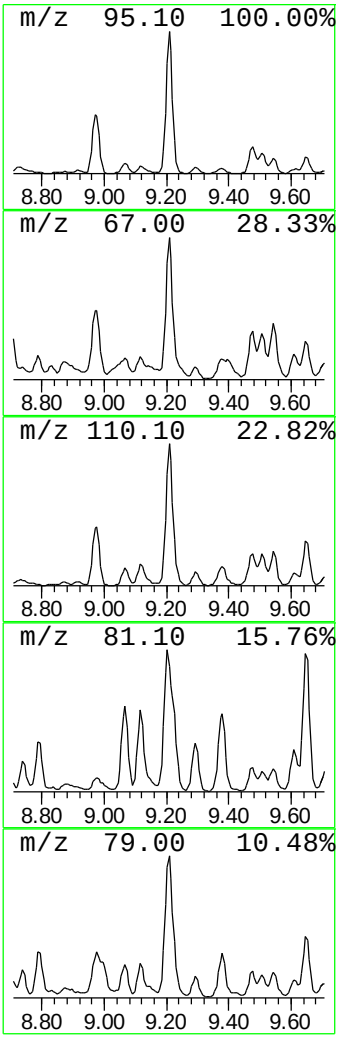
****

Peak Number 44 1,3-Dimethyl-1-cyclohexene Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	8.40 ug/L	8459150	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	90
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	87
4	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	83
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

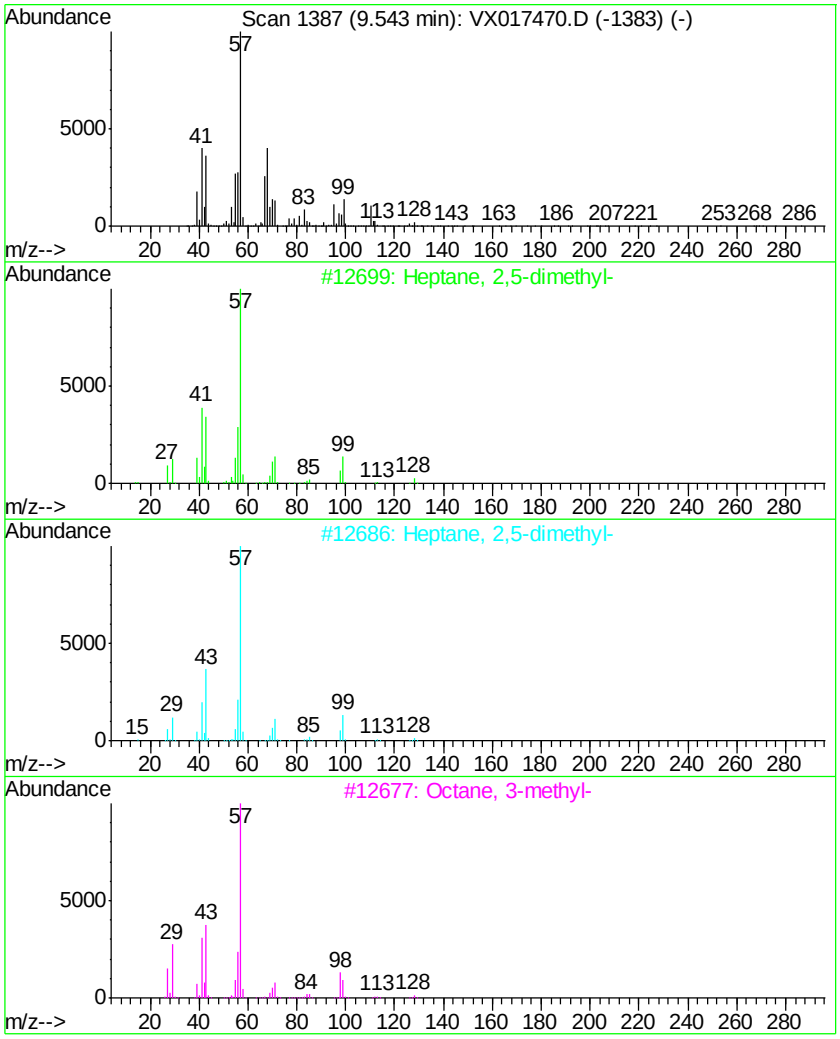
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

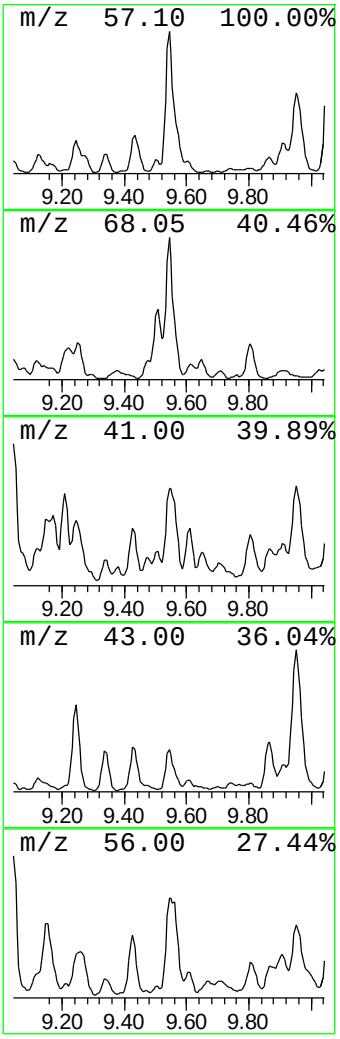
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	6.13 ug/L	6173020	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	42
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	42
3	Octane, 3-methyl-	128	C9H20	002216-33-3	30
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	30
5	Octane, 3-methyl-	128	C9H20	002216-33-3	27





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

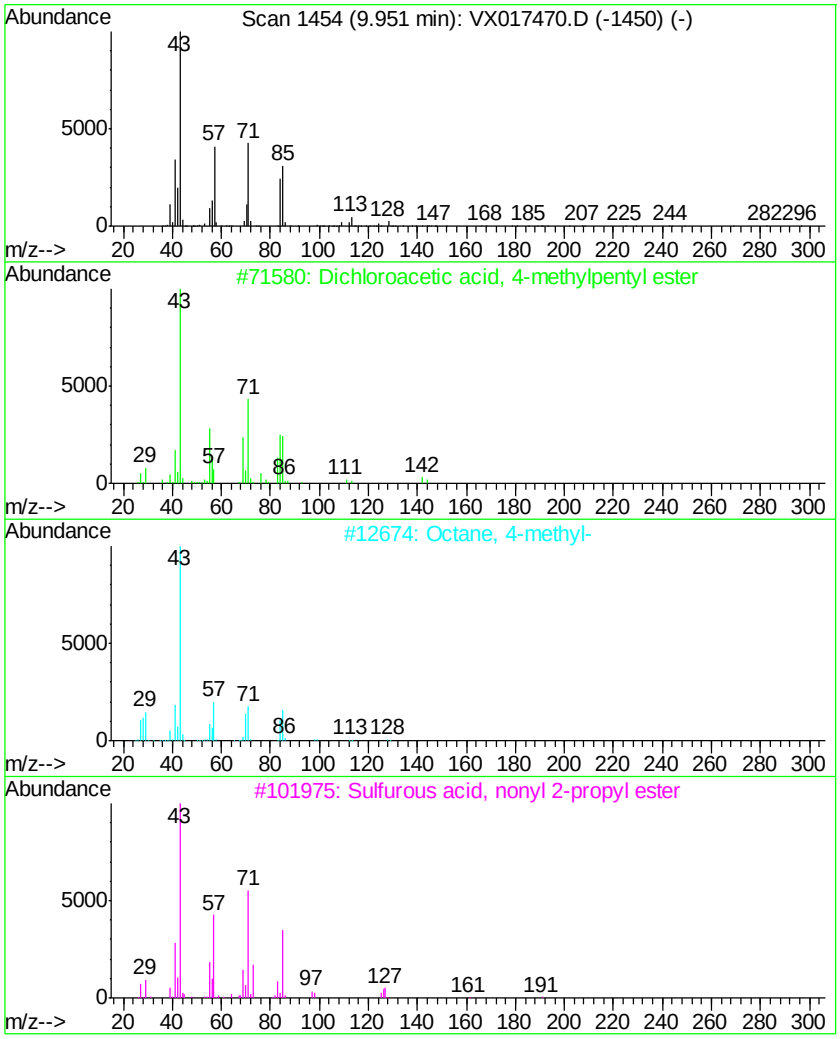
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

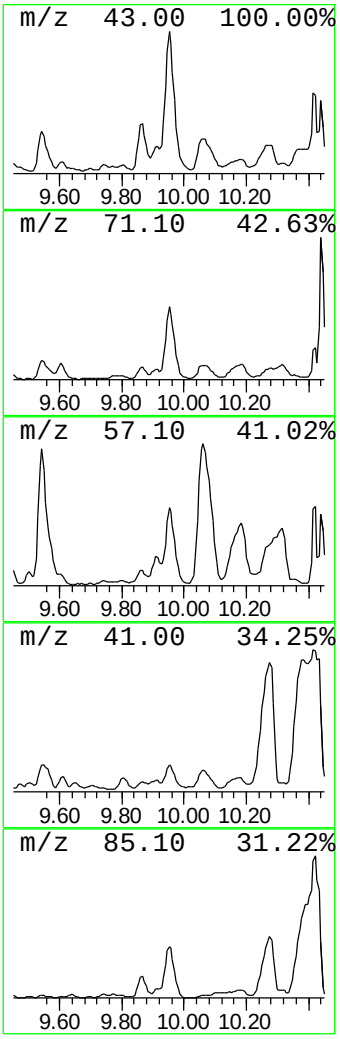
****

Peak Number 46 Dichloroacetic acid, 4-meth... Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	5.00 ug/L	5032880	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64
2	Octane, 4-methyl-	128	C9H20	002216-34-4	64
3	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	53





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Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

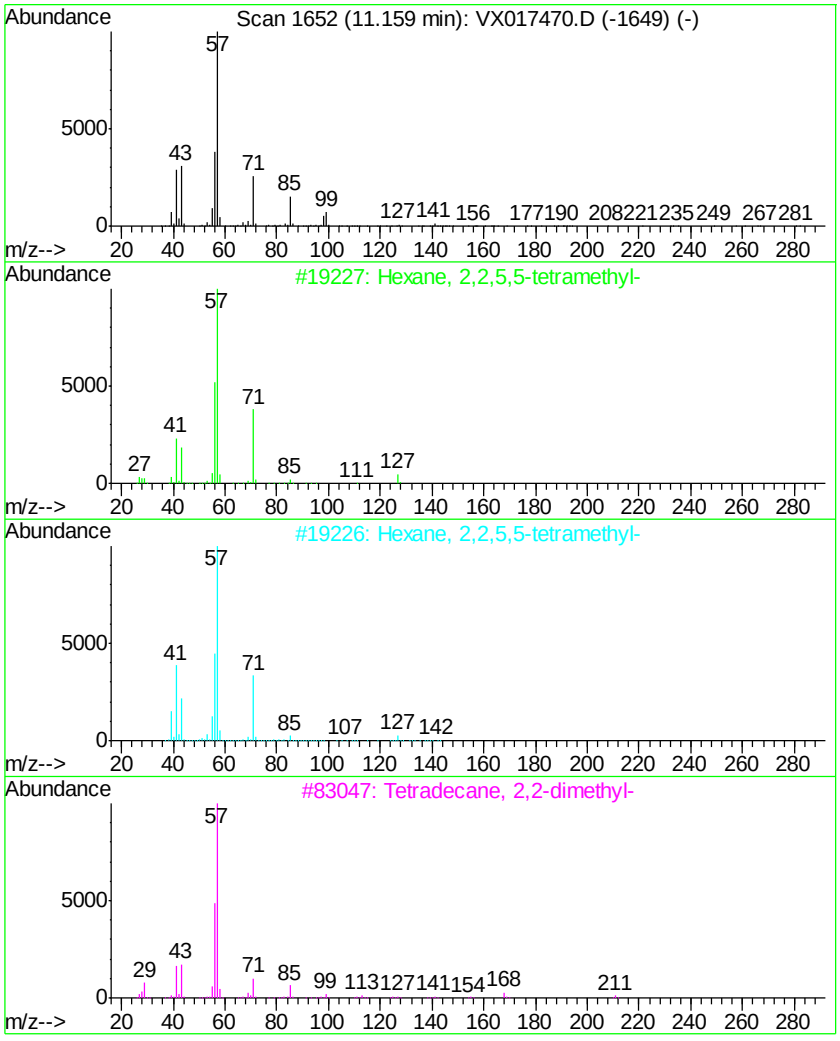
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

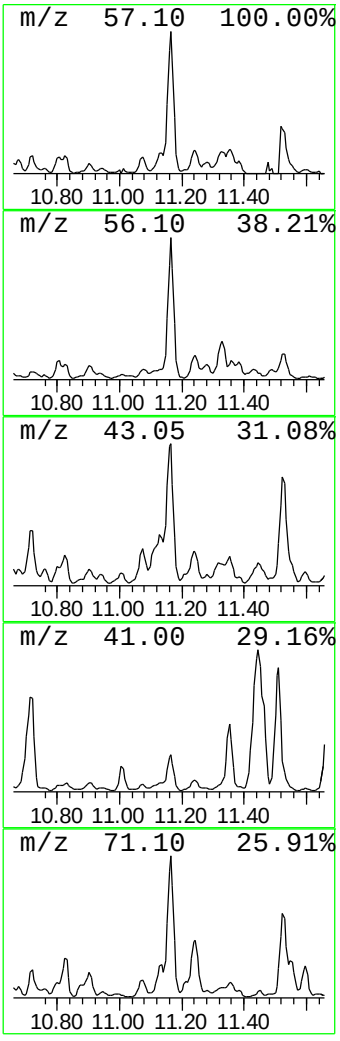
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	6.64 ug/L	6905360	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64
2	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64
3	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
4	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	59
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53





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Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

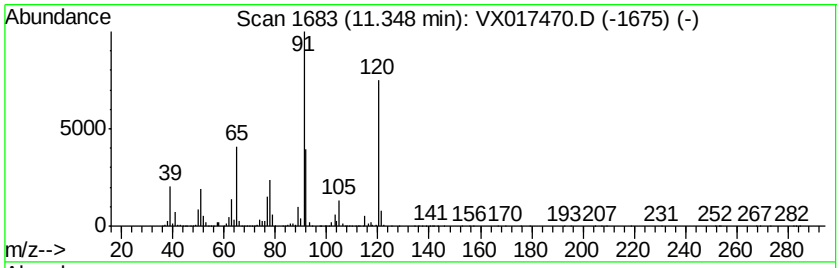
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

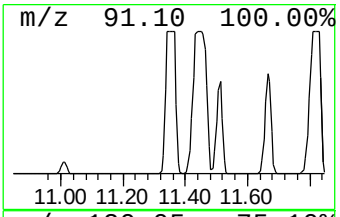
****

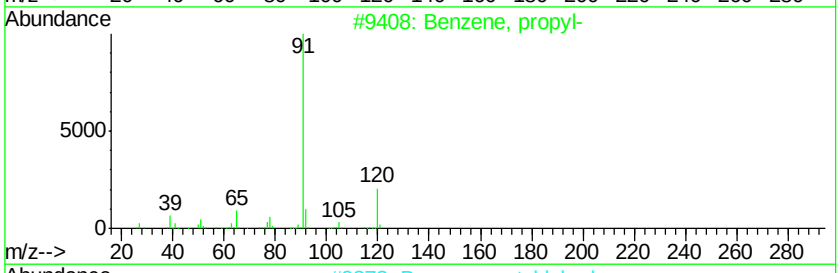
Peak Number 48 Benzene, propyl- Concentration Rank 12

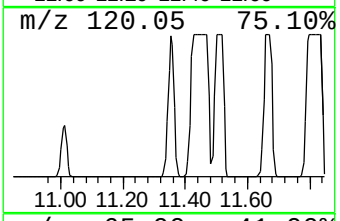
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	84.63 ug/L	88074500	1,4-Dichlorobenzene-d4	12.07

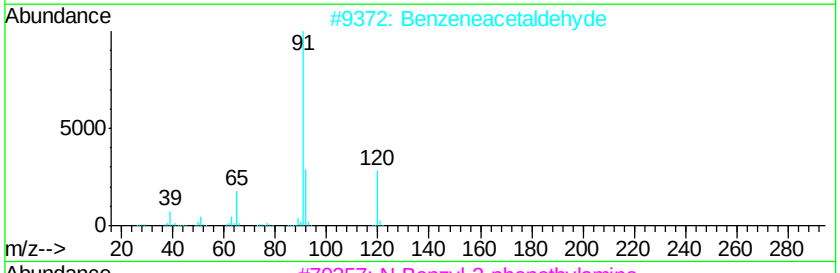
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzeneacetaldehyde	120	C8H8O	000122-78-1	81
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	53

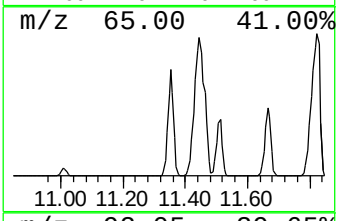


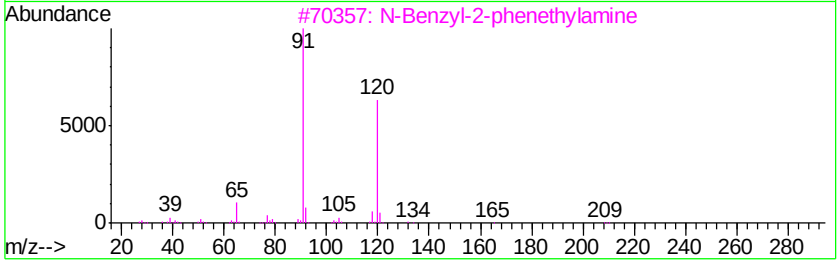


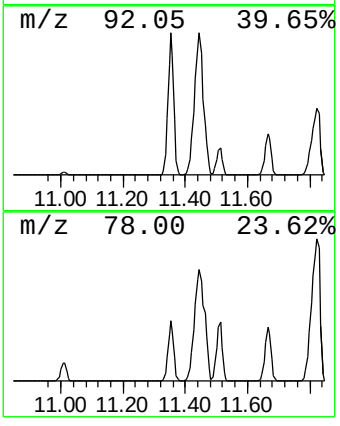












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

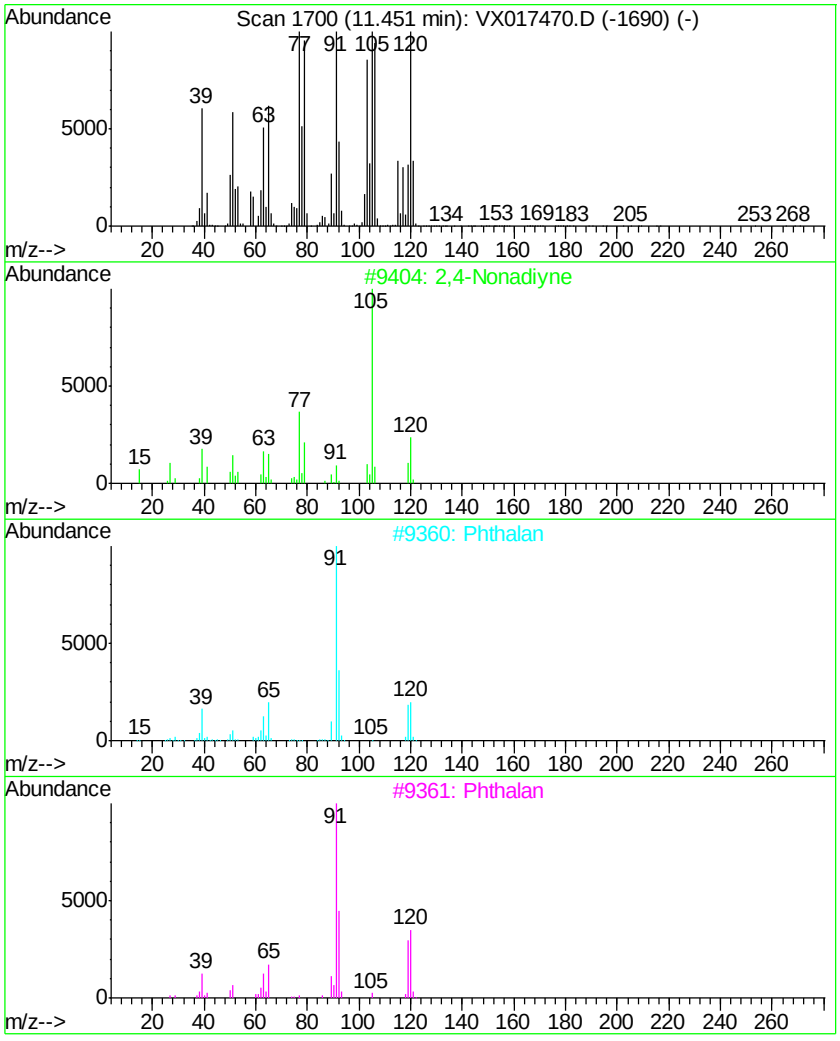
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

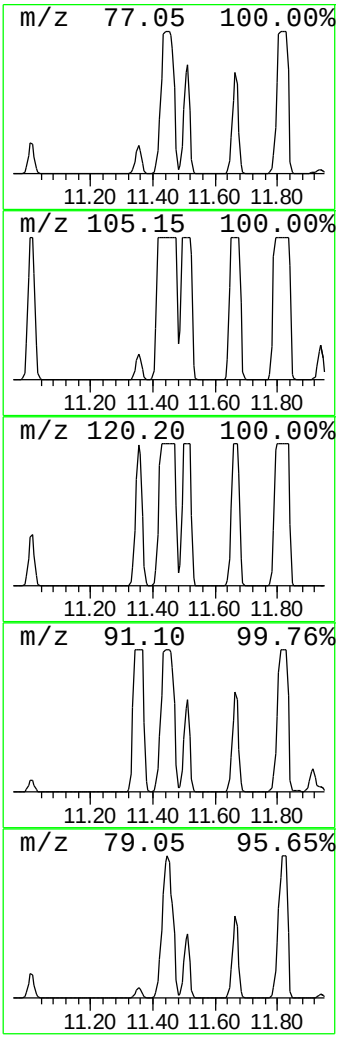
****

Peak Number 49 2,4-Nonadiyne Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	379.79 ug/L	395236000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Nonadiyne	120	C9H12	063621-15-8	52
2	Phthalan	120	C8H8O	000496-14-0	49
3	Phthalan	120	C8H8O	000496-14-0	49
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	43
5	Phthalan	120	C8H8O	000496-14-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

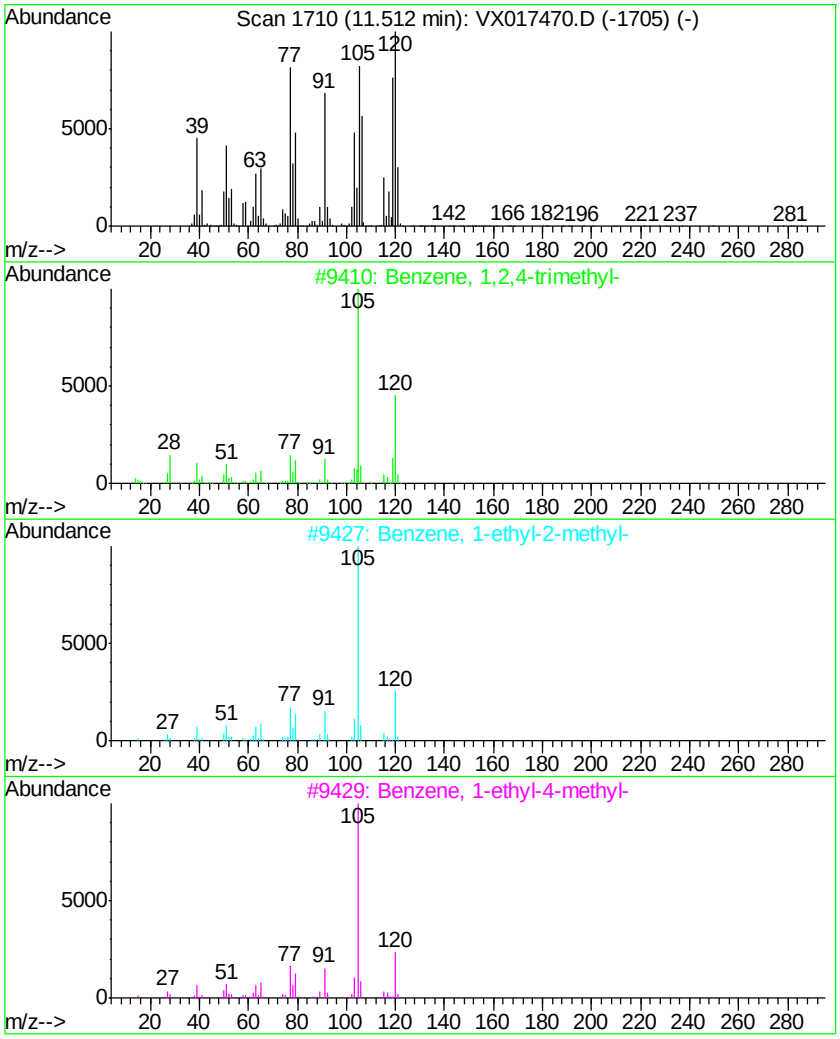
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

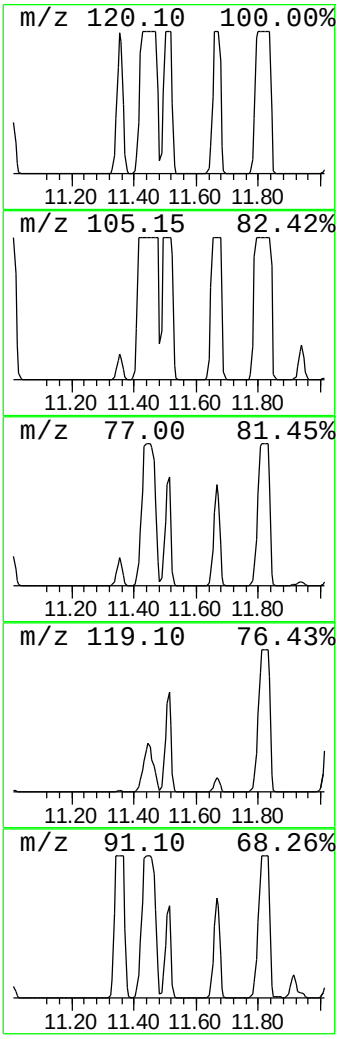
****

Peak Number 50 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	141.30 ug/L	147044000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	50
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	49
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	49
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	47
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

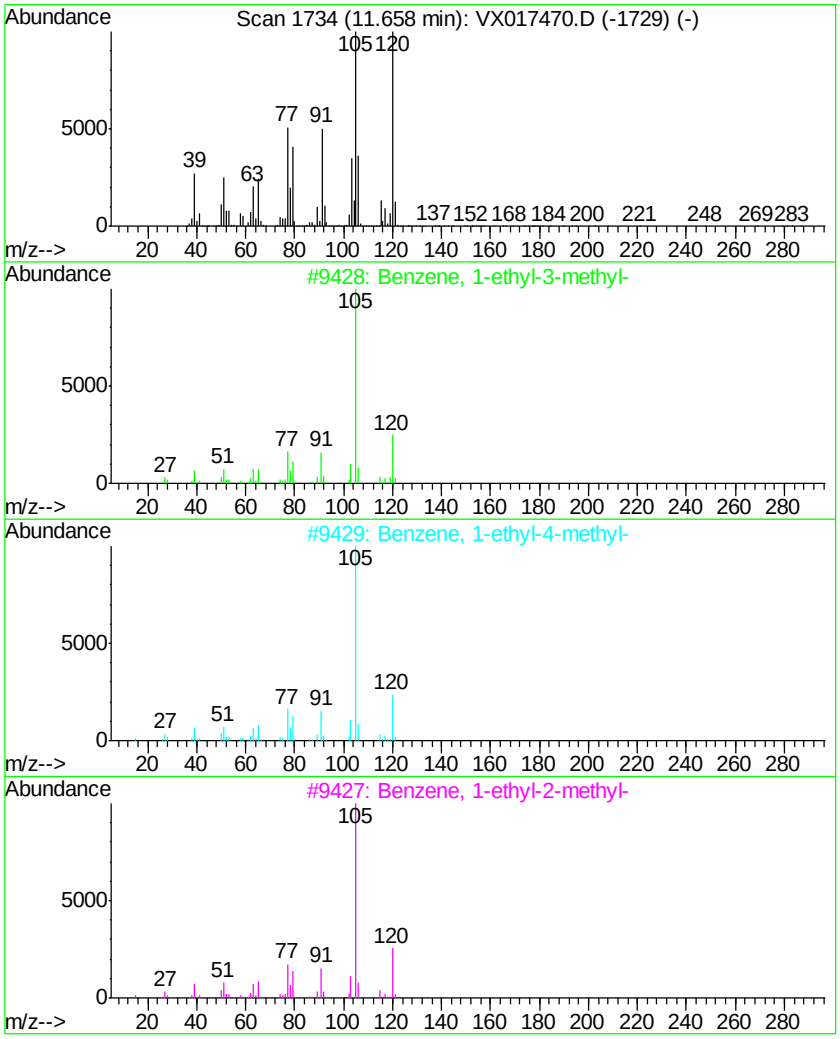
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

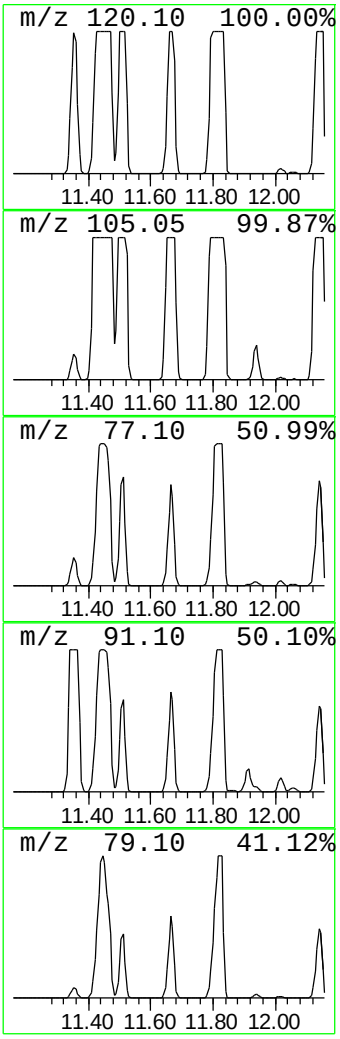
****

Peak Number 51 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	125.87 ug/L	130985000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	47
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

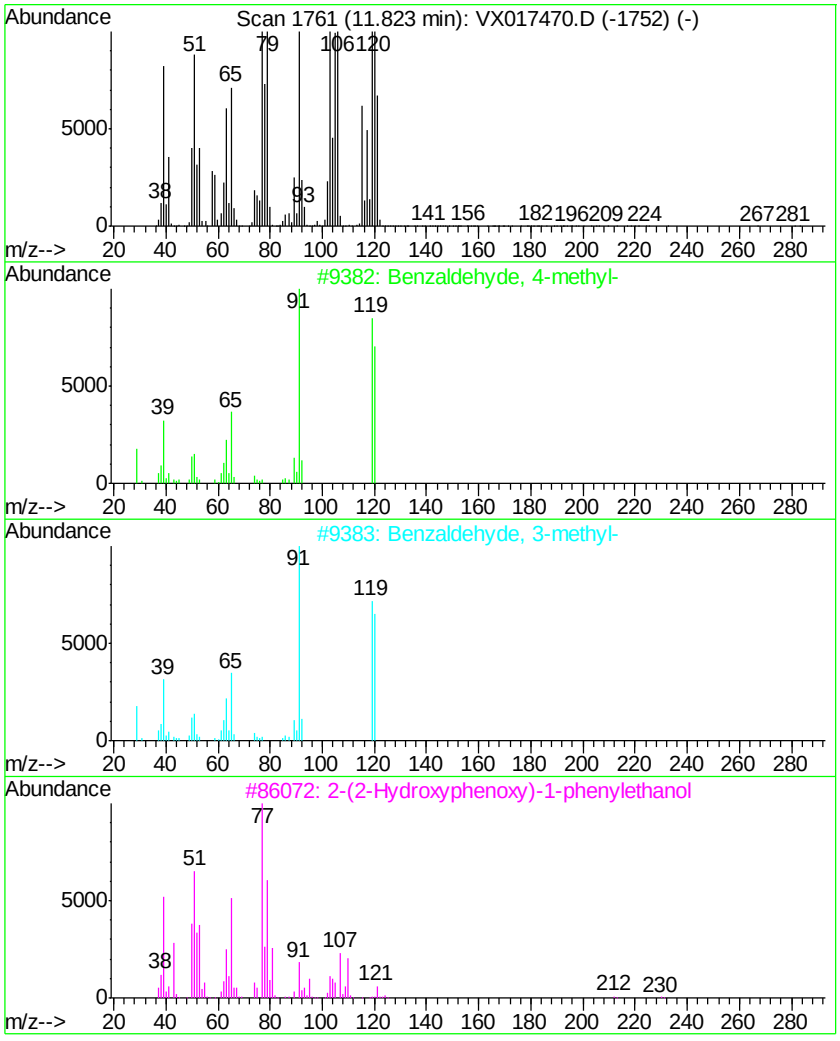
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

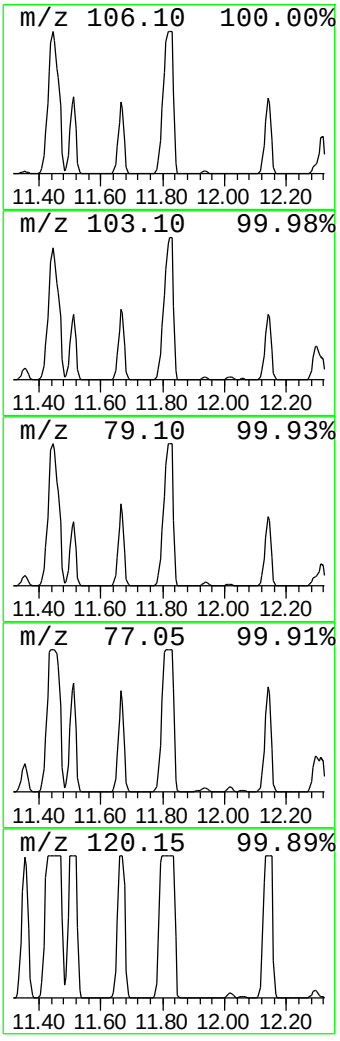
****

Peak Number 52 Benzaldehyde, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	393.19 ug/L	409182000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	70
2	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	70
3	2-(2-Hydroxyphenoxy)-1-phenyleth...	230	C14H14O3	328104-89-8	47
4	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	46
5	1-Hexen-4-yne, 3-ethylidene-2-me...	120	C9H12	076003-39-9	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

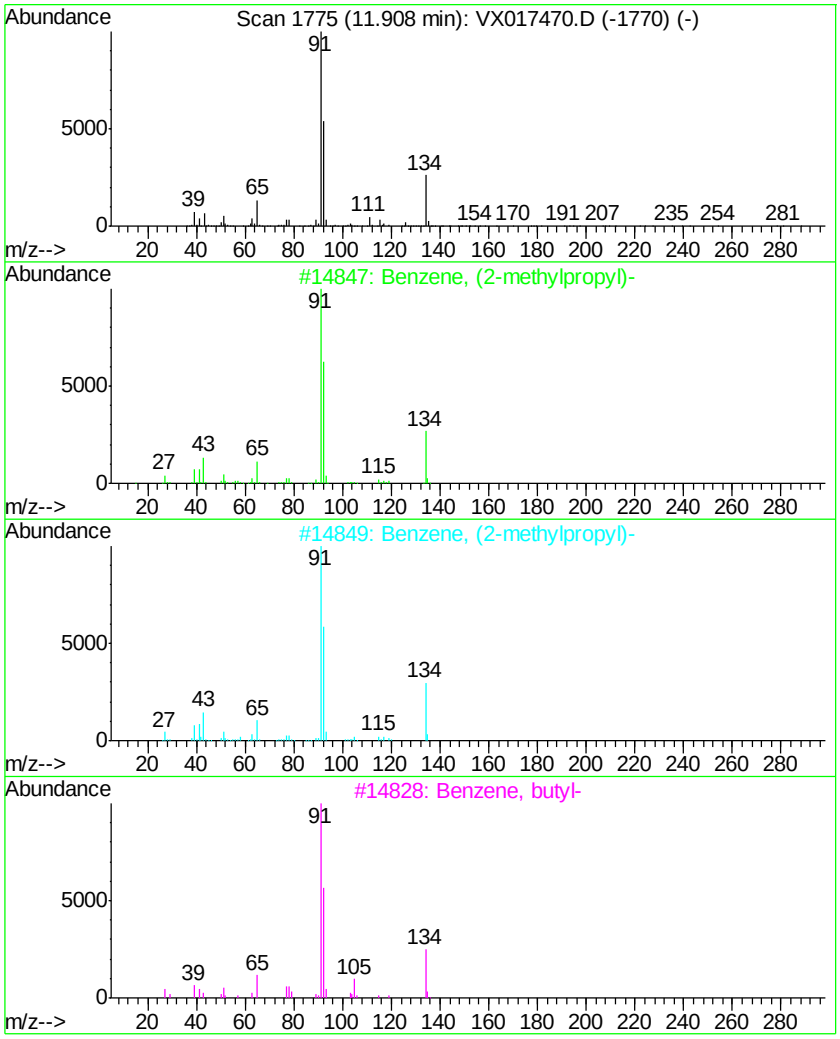
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

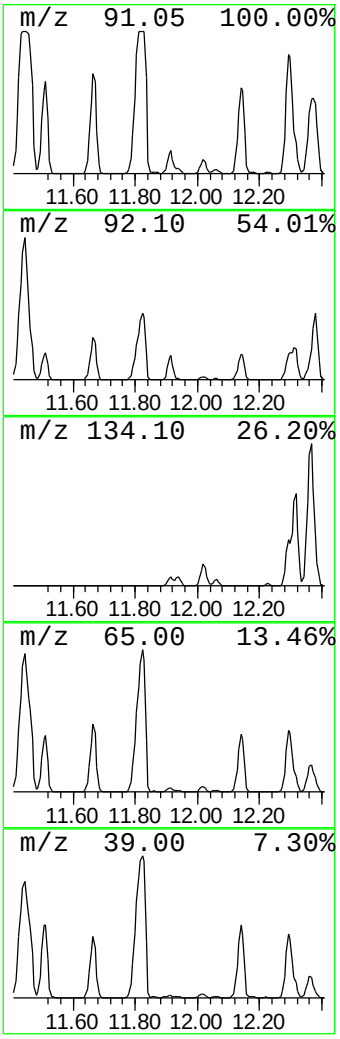
****

Peak Number 53 Benzene, (2-methylpropyl)- Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.52 ug/L	5740890	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3	Benzene, butyl-	134	C10H14	000104-51-8	86
4	Benzene, butyl-	134	C10H14	000104-51-8	78
5	Benzene, butyl-	134	C10H14	000104-51-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

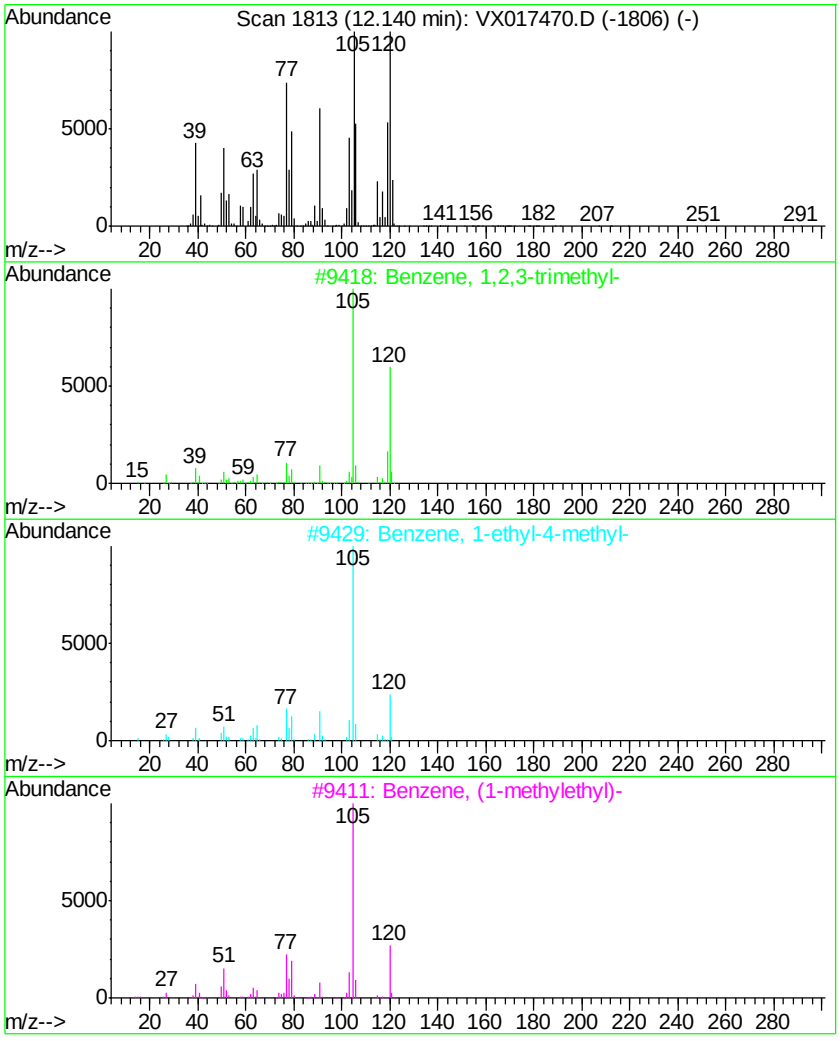
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

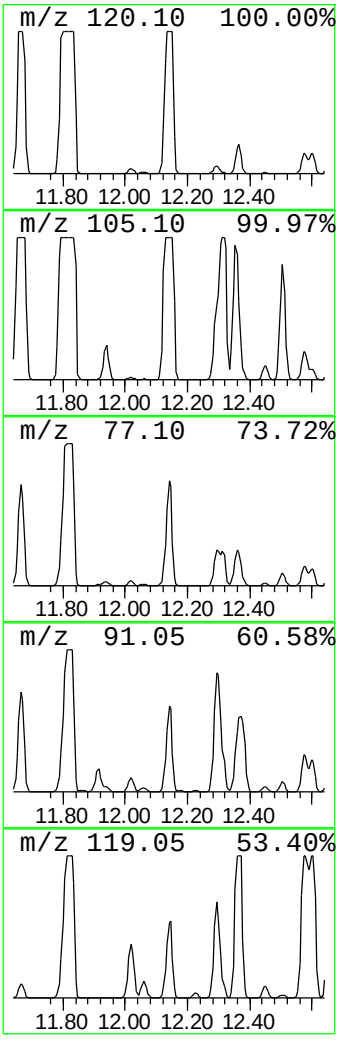
****

Peak Number 54 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	142.19 ug/L	147977000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	62
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	58
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	50
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

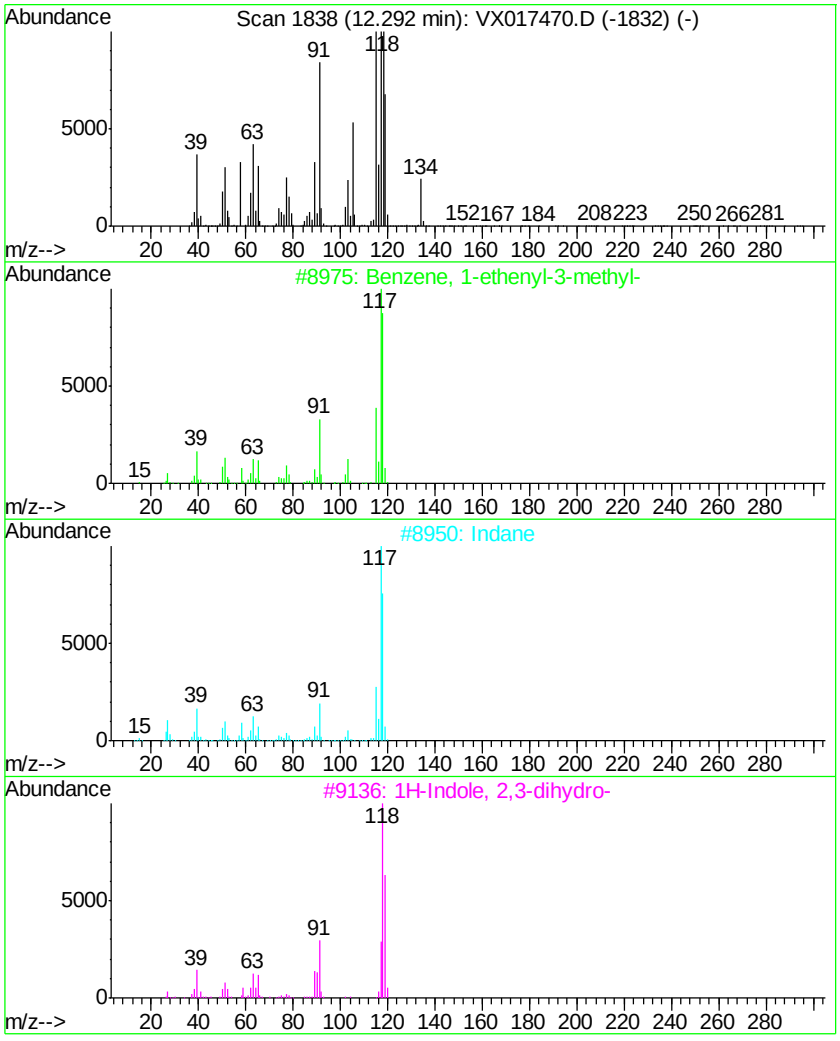
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

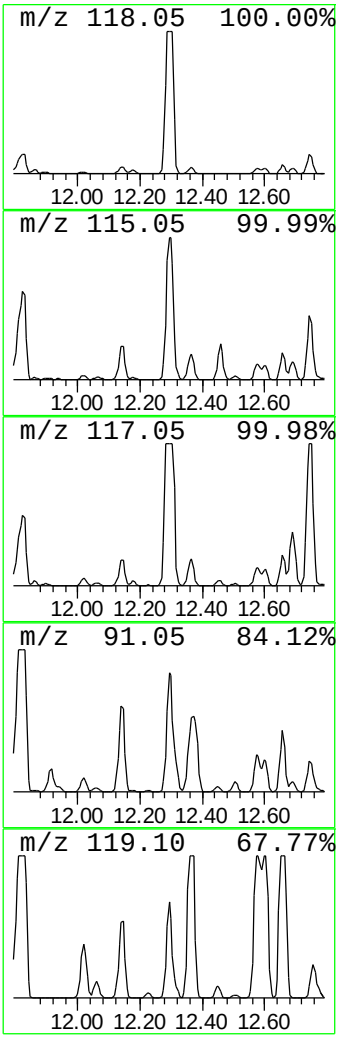
****

Peak Number 55 Benzene, 1-ethenyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	179.07 ug/L	186357000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	86
2	Indane	118	C9H10	000496-11-7	70
3	1H-Indole, 2,3-dihydro-	119	C8H9N	000496-15-1	60
4	Indane	118	C9H10	000496-11-7	60
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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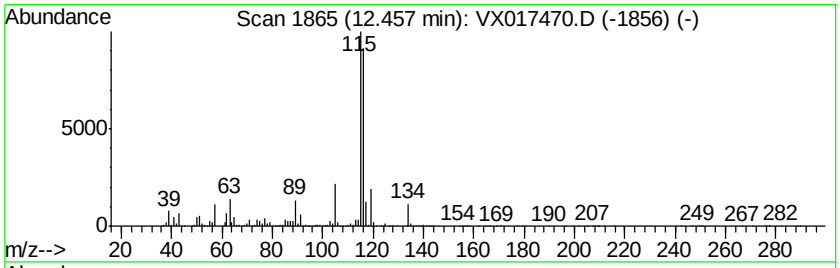
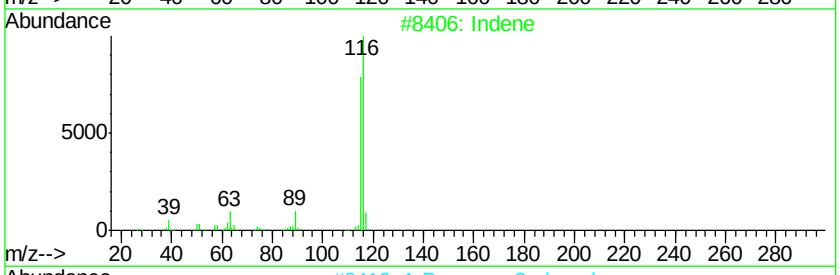
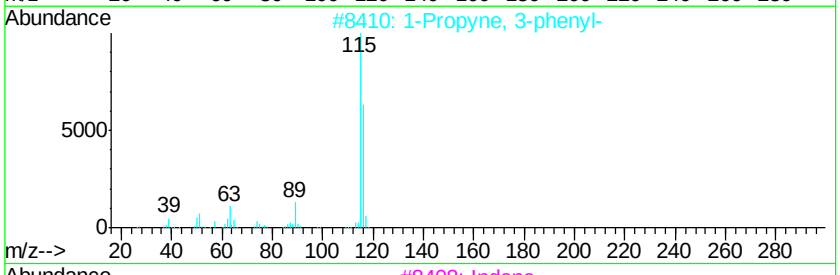
Peak Number 56 Indene Concentration Rank 55

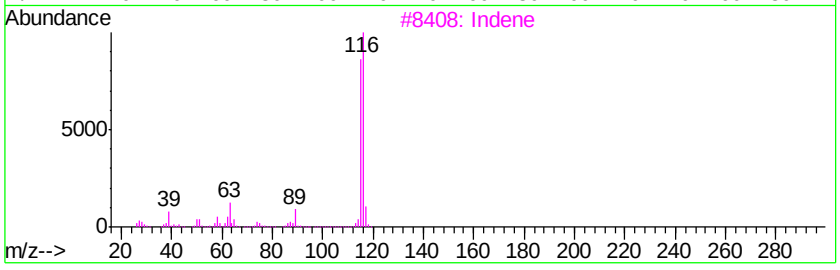
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	13.30 ug/L	13837700	1,4-Dichlorobenzene-d4	12.07

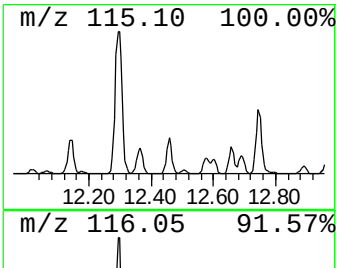
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Indene	116	C9H8	000095-13-6	89
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	81
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	81

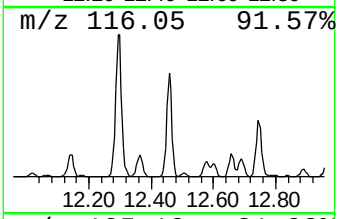


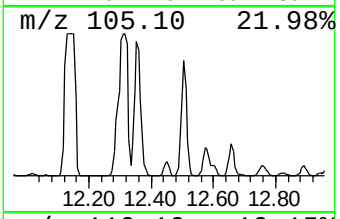


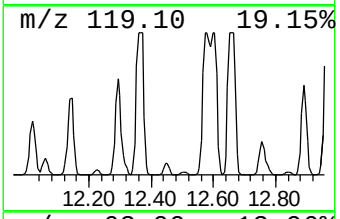


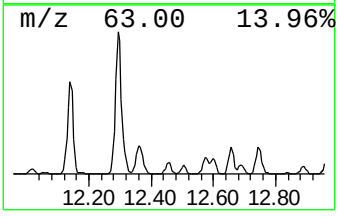












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

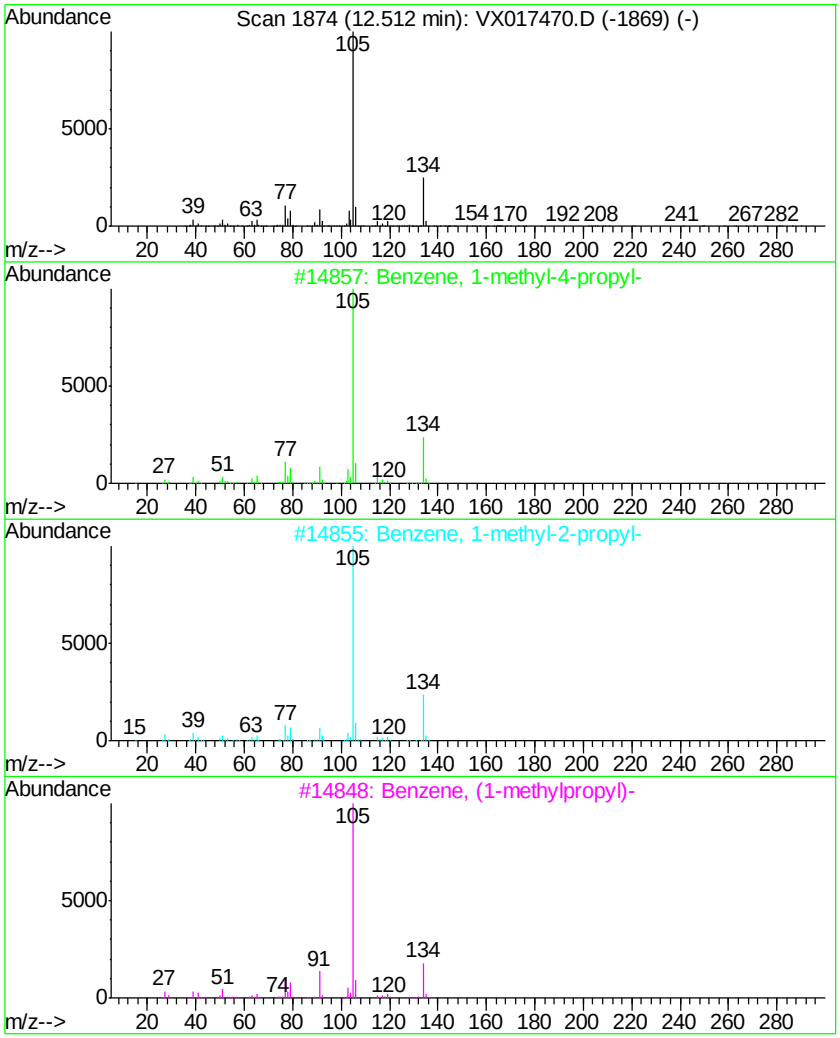
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

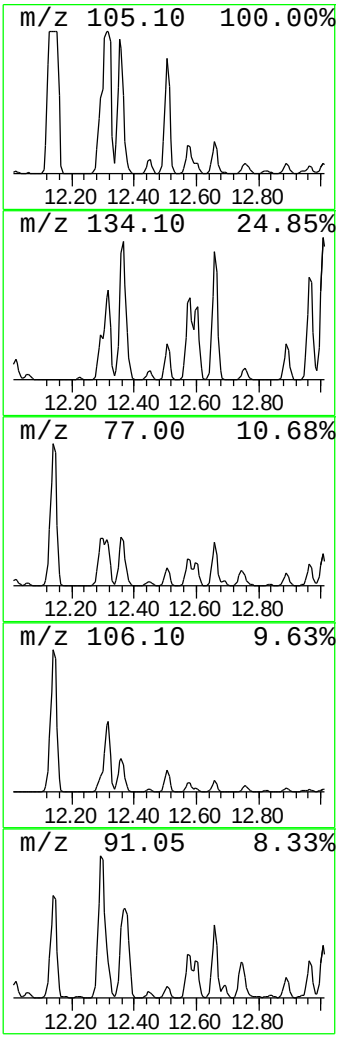
****

Peak Number 57 Benzene, 1-methyl-4-propyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	17.37 ug/L	18074800	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

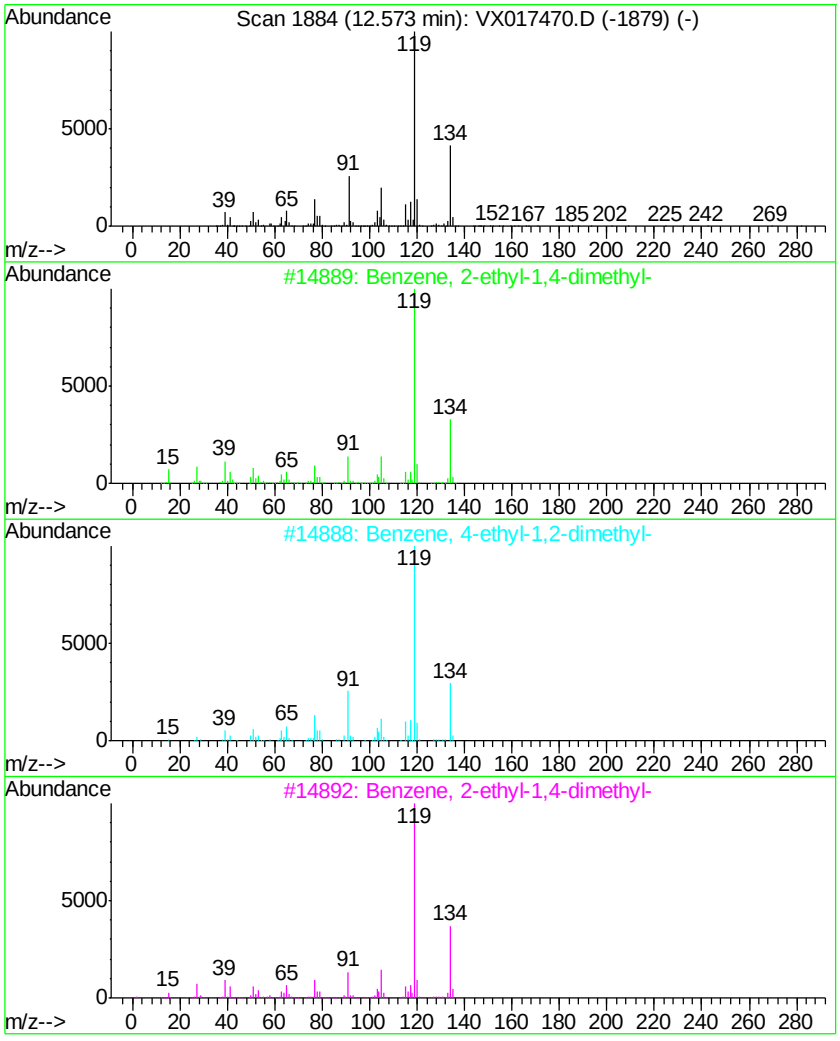
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

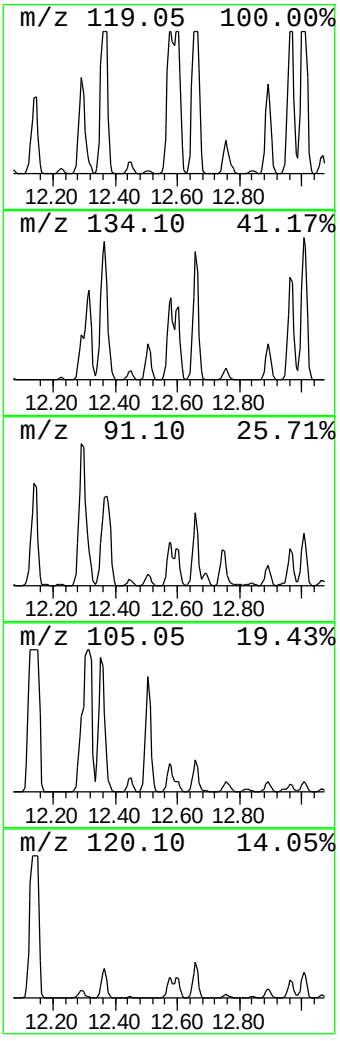
****

Peak Number 58 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	45.61 ug/L	47466300	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

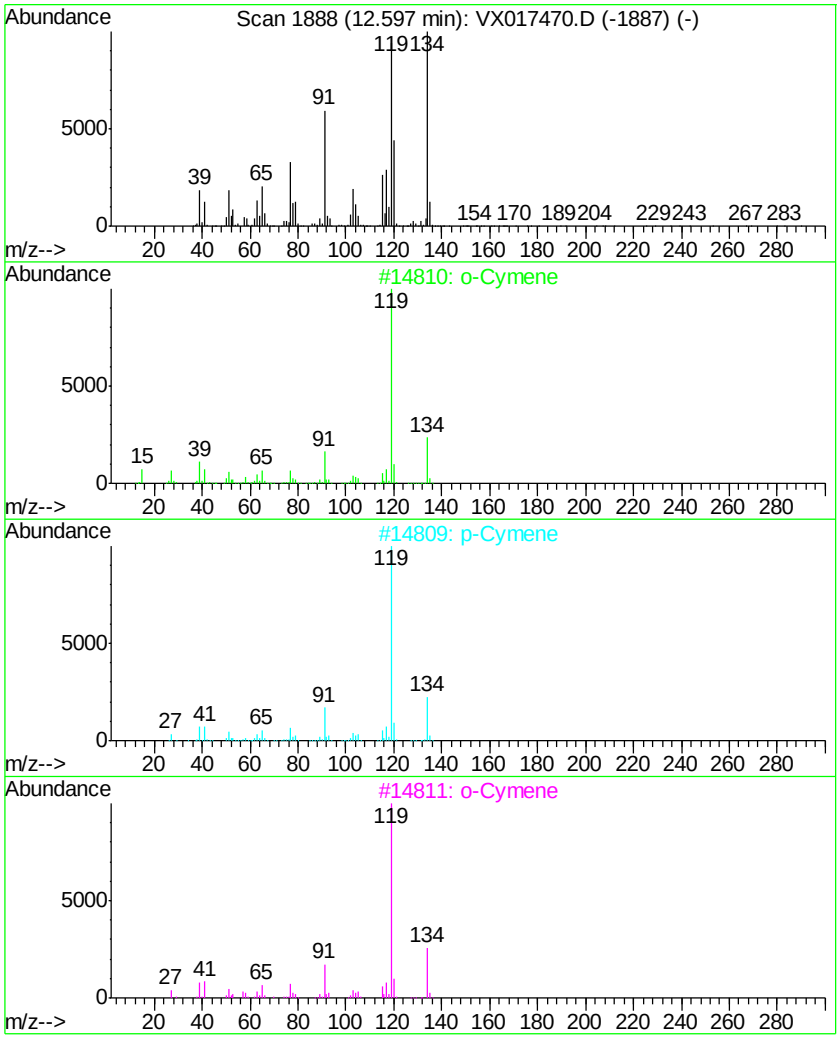
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

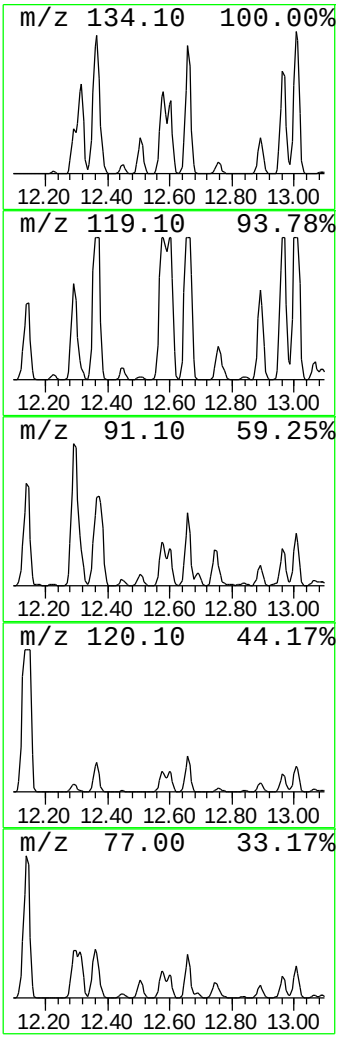
****

Peak Number 59 o-Cymene Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	25.96 ug/L	27018800	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	p-Cymene	134	C10H14	000099-87-6	76
3	o-Cymene	134	C10H14	000527-84-4	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

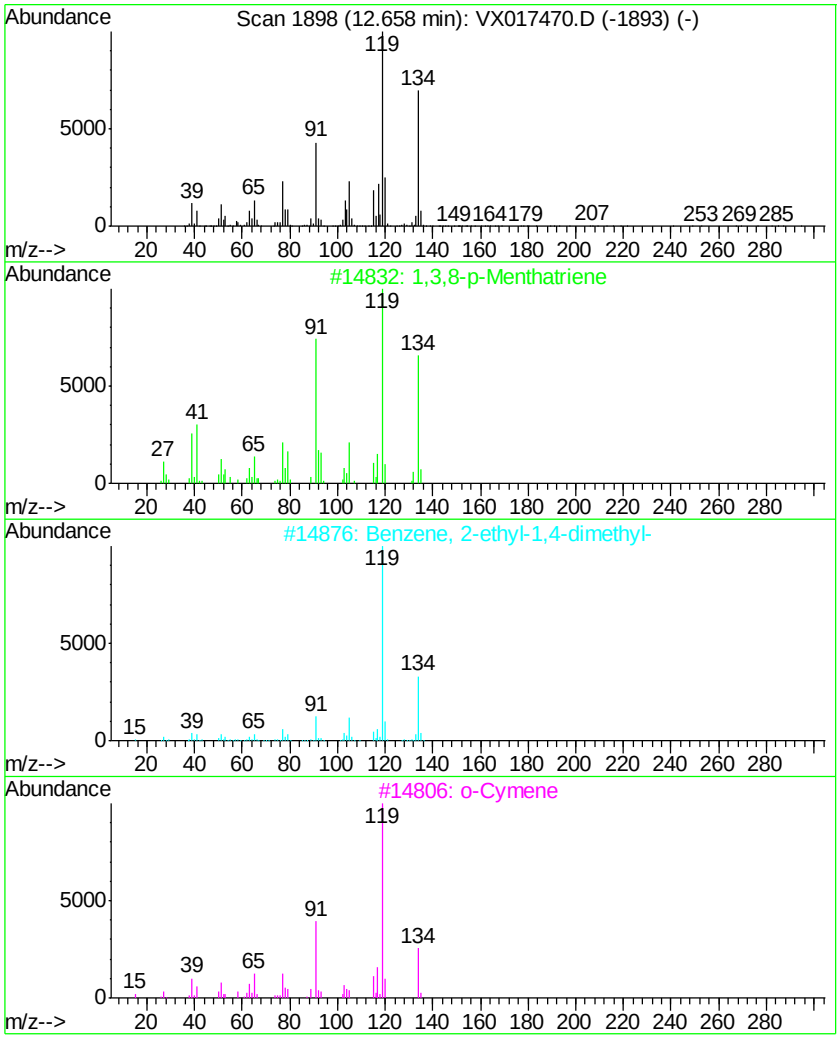
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

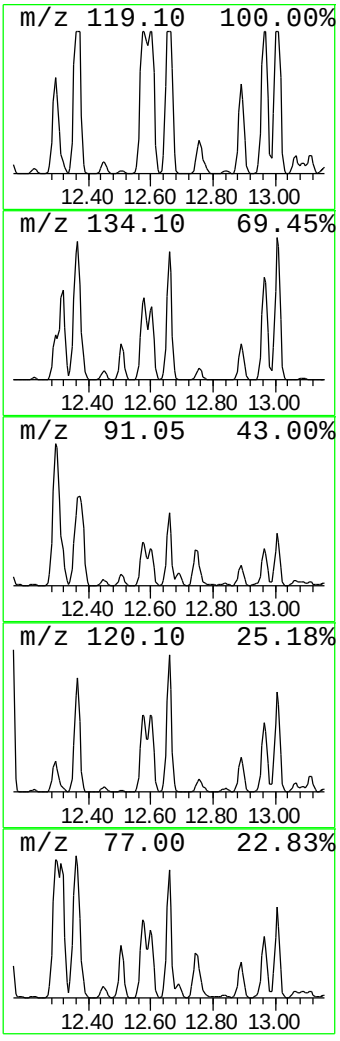
****

Peak Number 60 1,3,8-p-Menthatriene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	56.67 ug/L	58978000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	87
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
3	o-Cymene	134	C10H14	000527-84-4	72
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

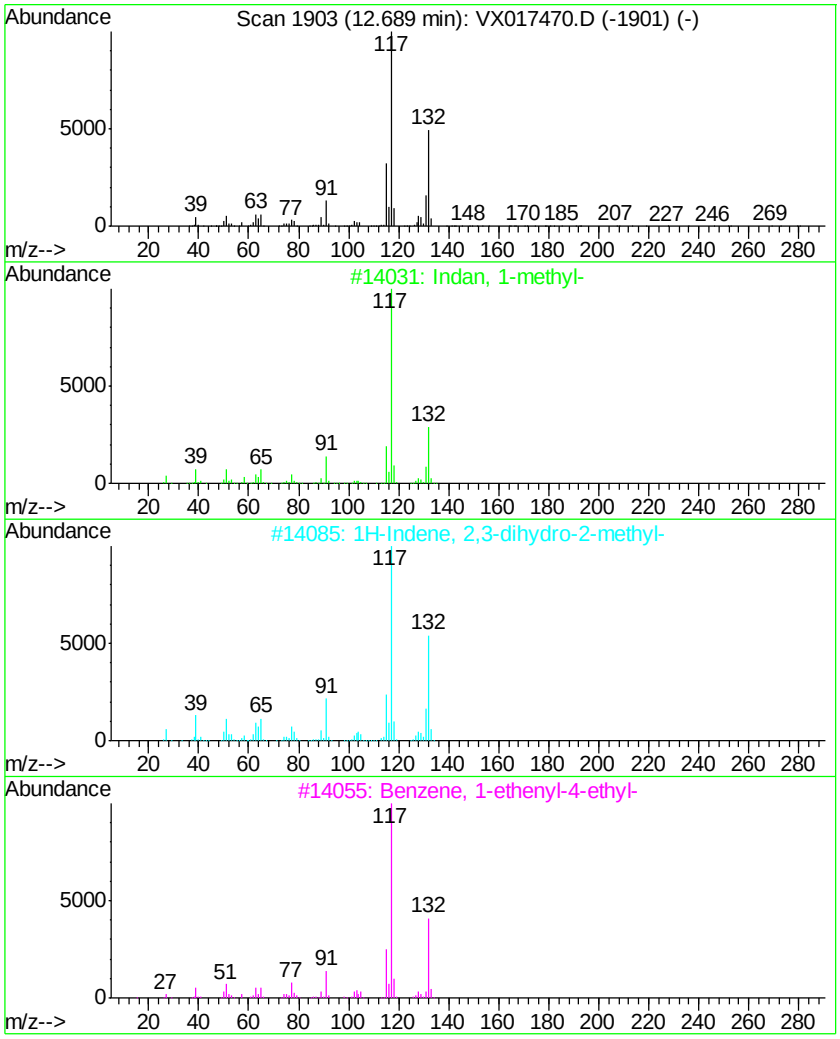
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

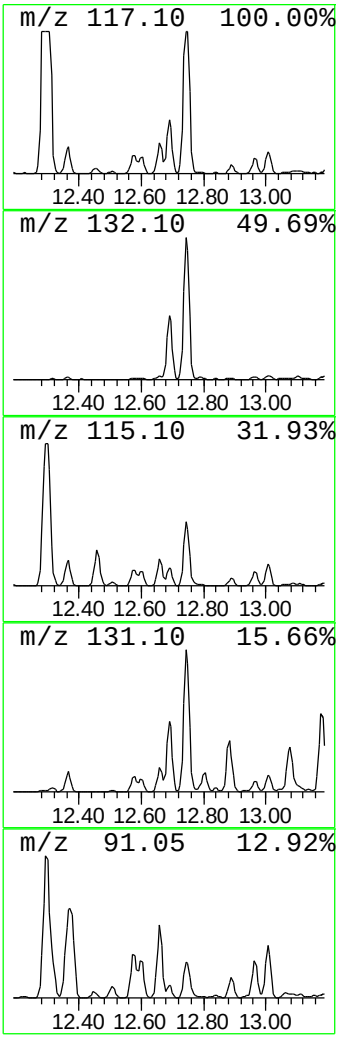
****

Peak Number 61 Indan, 1-methyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	12.11 ug/L	12606700	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

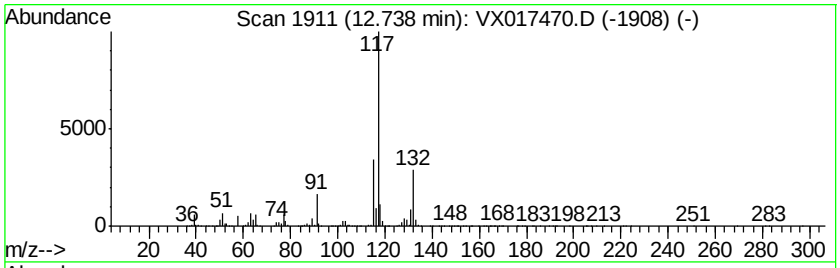
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

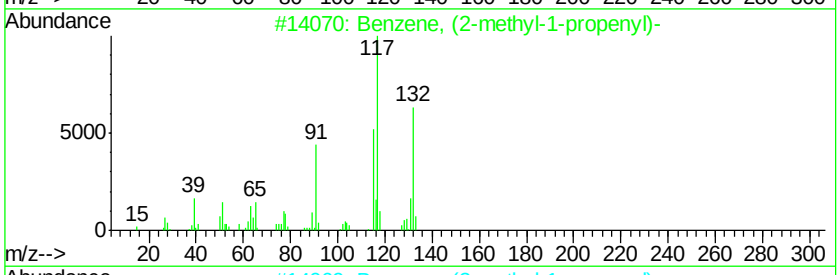
****

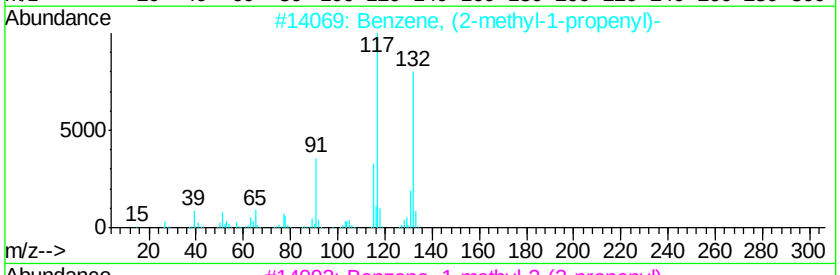
Peak Number 62 Benzene, (2-methyl-1-propen... Concentration Rank 28

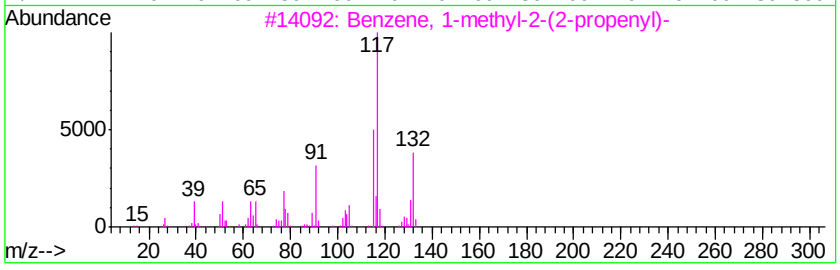
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	44.92 ug/L	46745200	1,4-Dichlorobenzene-d4	12.07

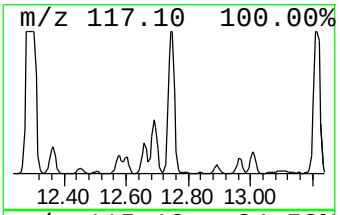
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87

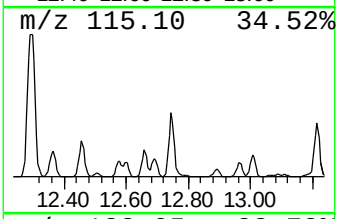


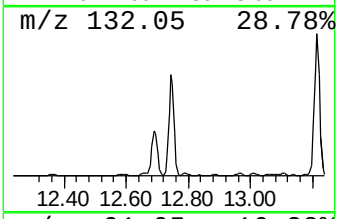


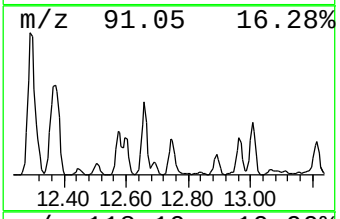


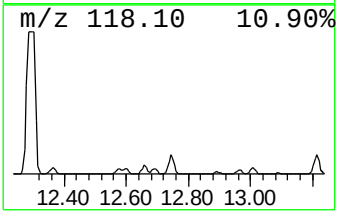












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

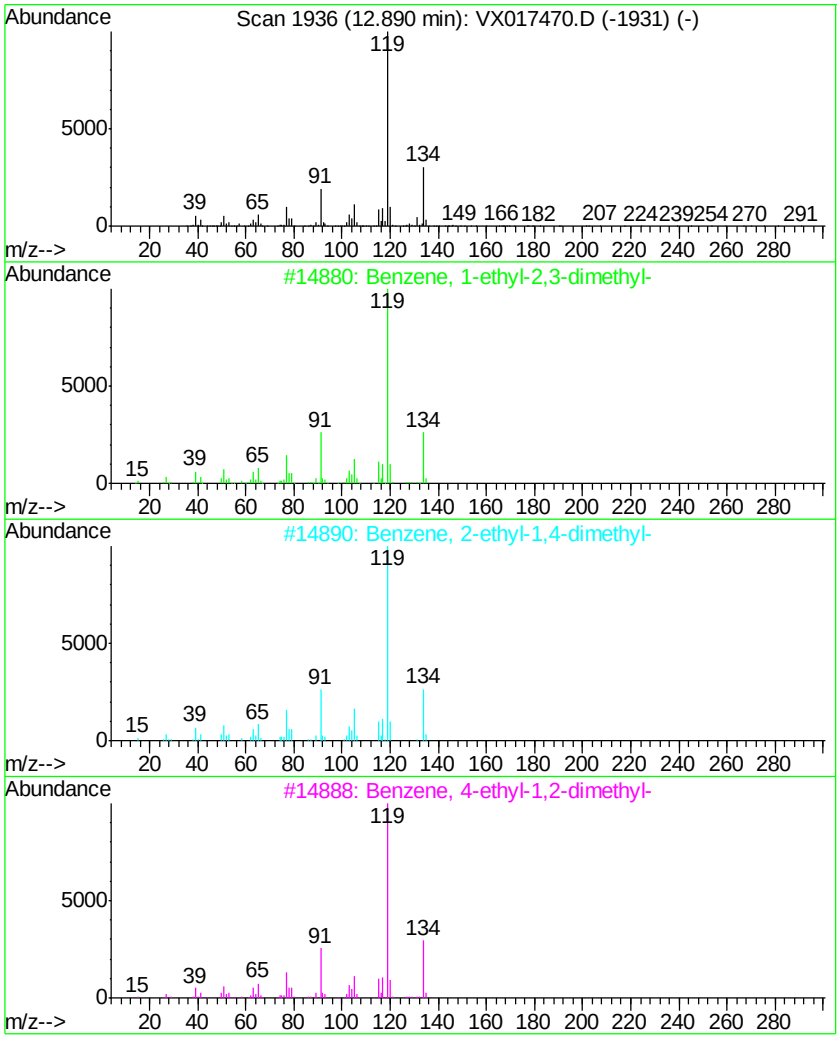
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

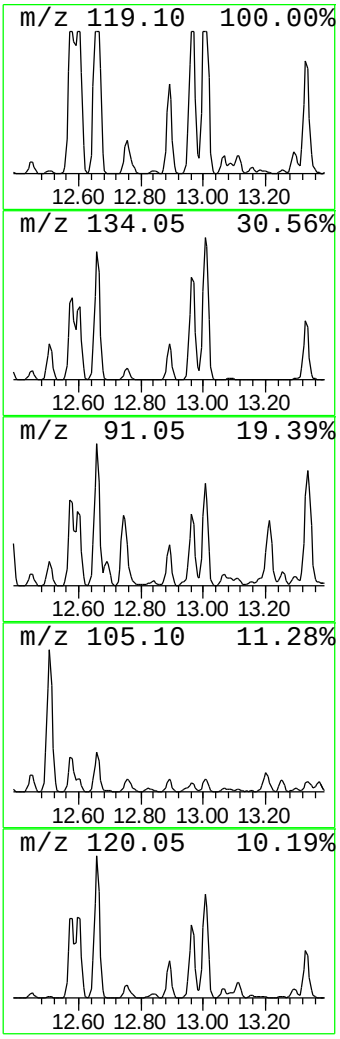
****

Peak Number 63 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	17.44 ug/L	18147200	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

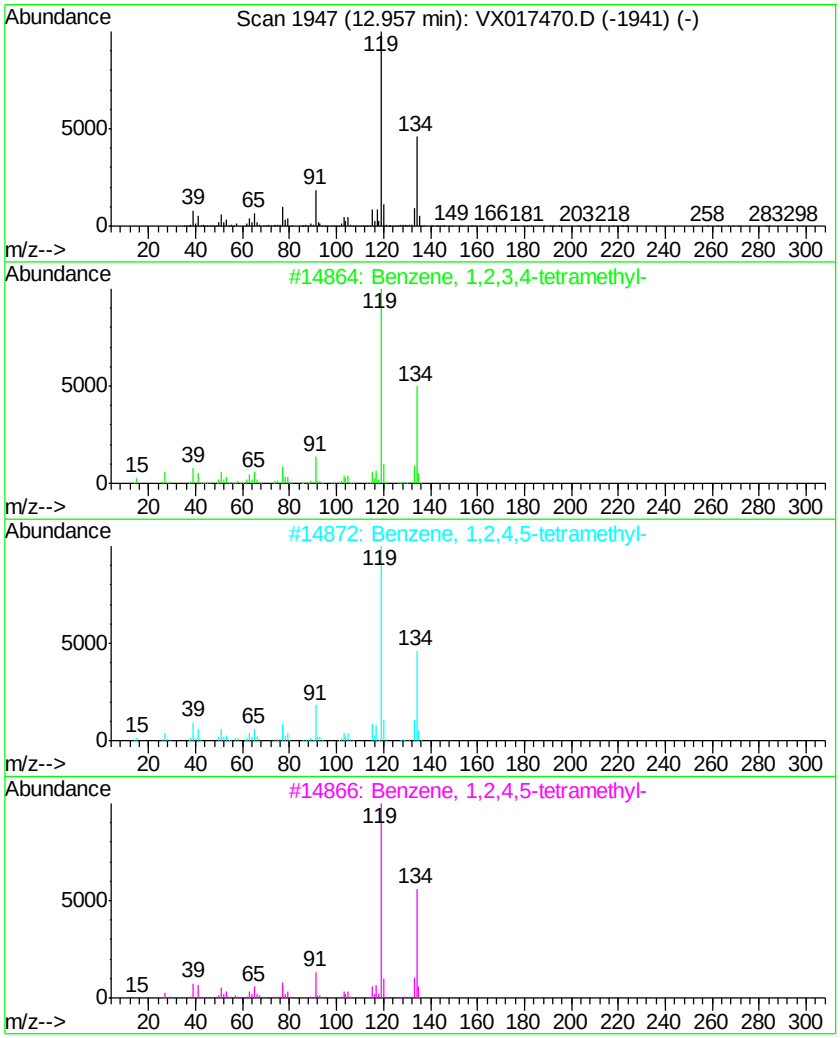
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

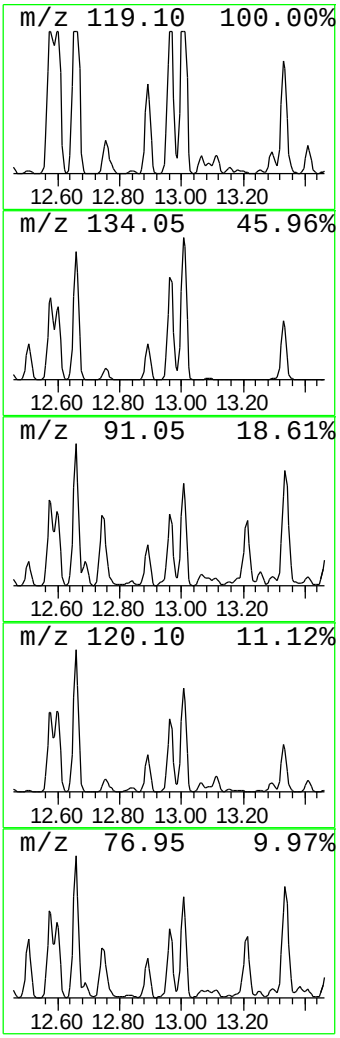
****

Peak Number 64 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	36.93 ug/L	38432600	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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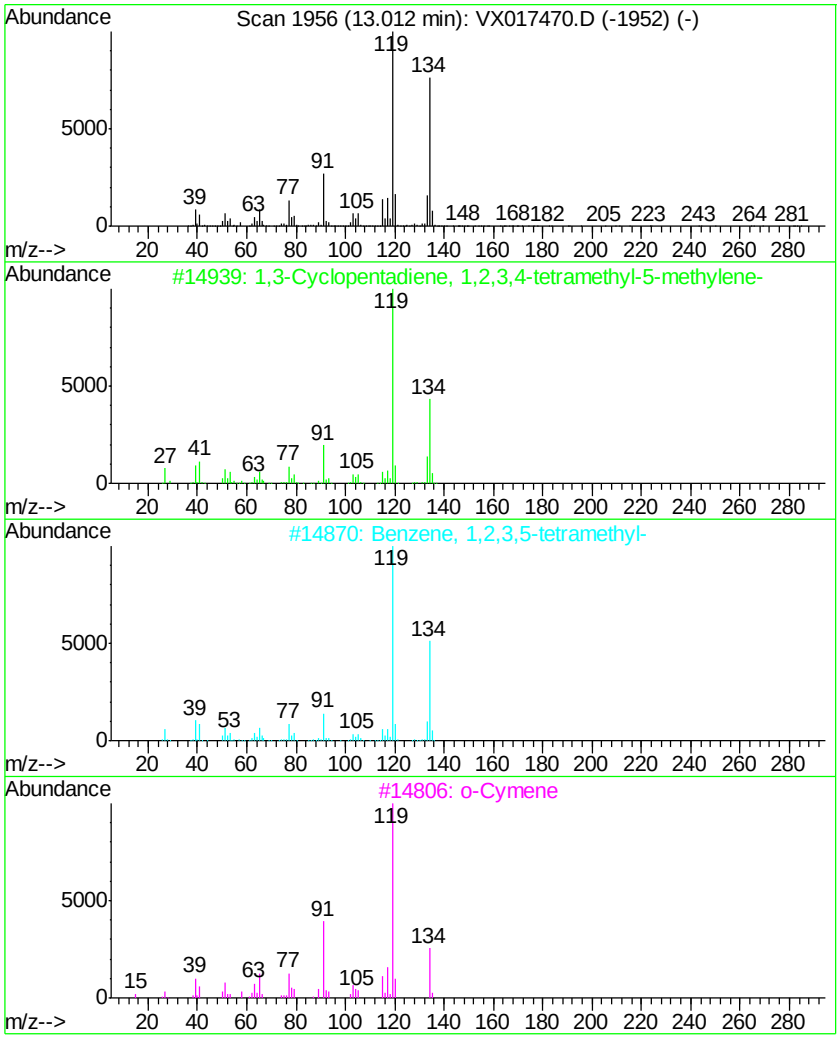
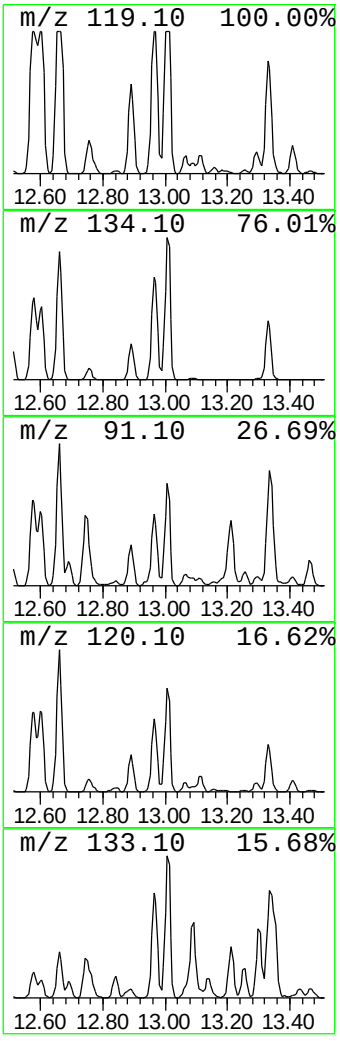
Peak Number 65 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	47.00 ug/L	48911000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
3	o-Cymene	134	C10H14	000527-84-4	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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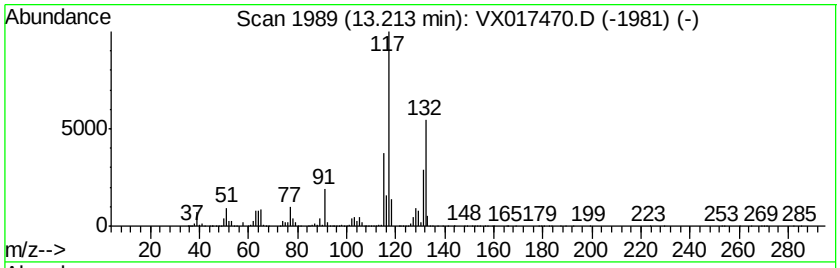
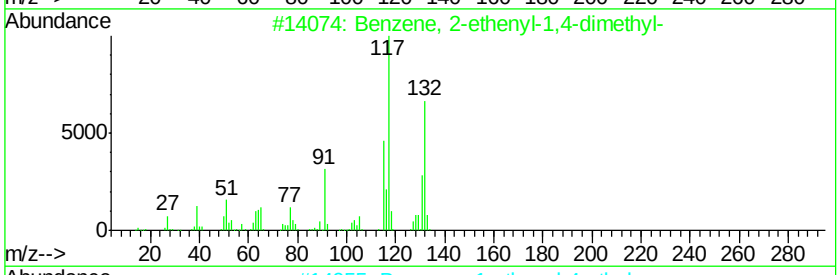
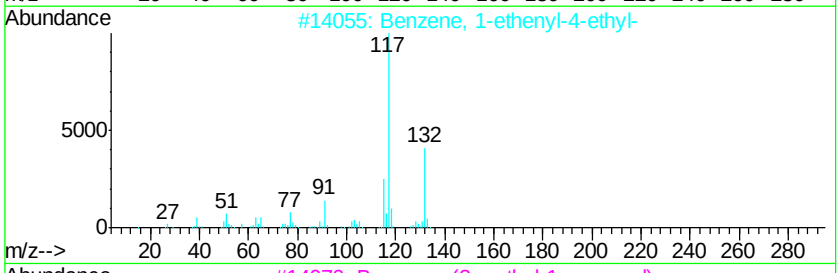
Peak Number 66 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 29

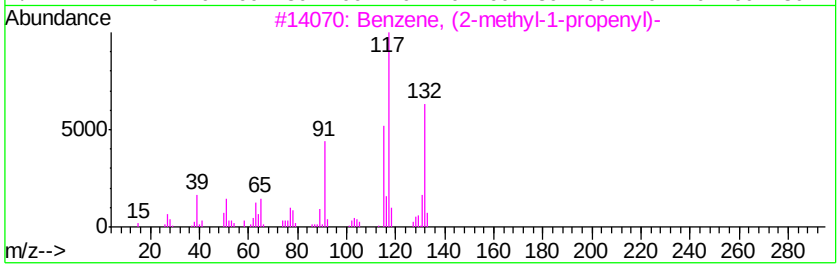
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	44.52 ug/L	46332900	1,4-Dichlorobenzene-d4	12.07

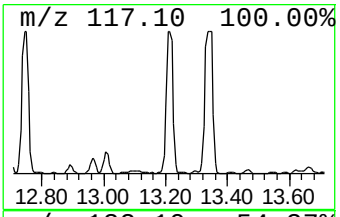
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	90

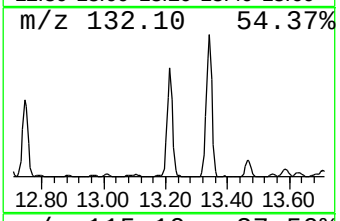


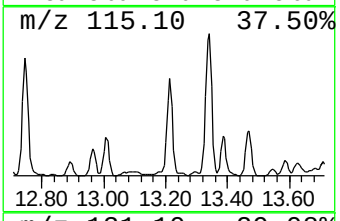


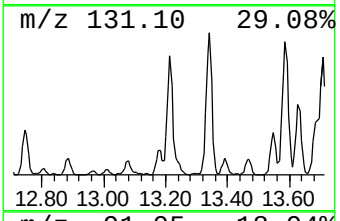


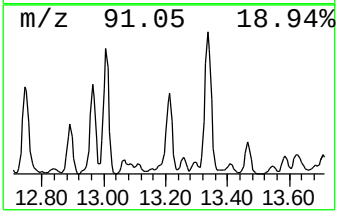












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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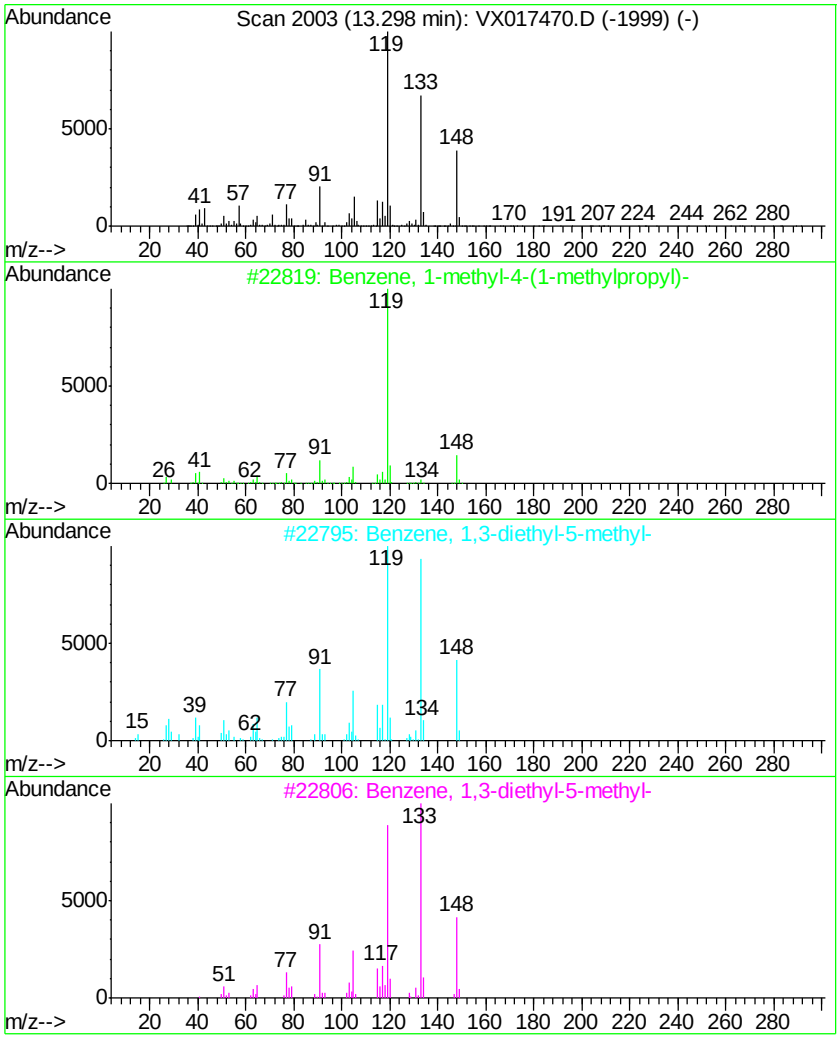
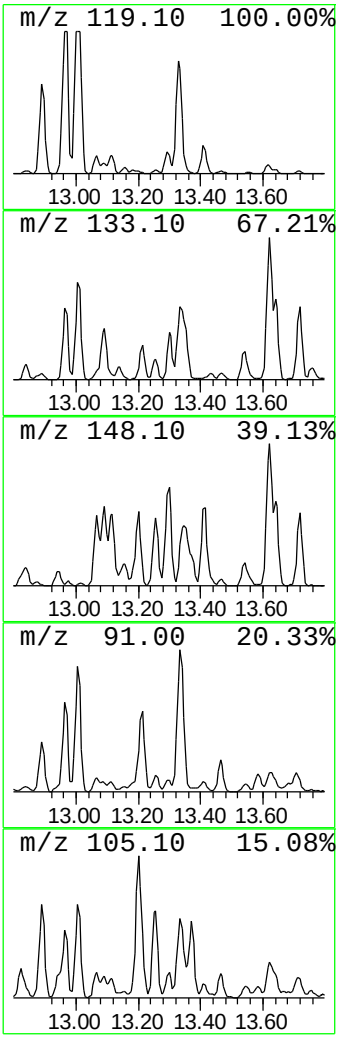
Peak Number 67 Benzene, 1-methyl-4-(1-meth... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	5.86 ug/L	6103030	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	62
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	58
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017470.D
Acq On : 22 Jul 2020 17:06
Operator : JC/SP
Sample : L3395-11
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.77	166.6	ug/L	258350000	1	6.84	7755140	5.0
(DEL) Alkane: Str...	1.93	8.0	ug/L	12422700	1	6.84	7755140	5.0
(DEL) Alkane: Cyc...	1.98	105.1	ug/L	163077000	1	6.84	7755140	5.0
(DEL) Alkane: Str...	2.10	54.2	ug/L	84011400	1	6.84	7755140	5.0
(DEL) Alkane: Str...	2.20	28.4	ug/L	44072300	1	6.84	7755140	5.0
(DEL) Alkane: Str...	2.25	84.3	ug/L	130798000	1	6.84	7755140	5.0
(DEL) Alkane: Str...	2.82	80.4	ug/L	124726000	1	6.84	7755140	5.0
Oxirane, propyl-	2.87	88.9	ug/L	137844000	1	6.84	7755140	5.0
(DEL) Alkane: Str...	2.92	48.4	ug/L	75103600	1	6.84	7755140	5.0
(DEL) Alkane: Str...	3.15	61.2	ug/L	94857300	1	6.84	7755140	5.0
(DEL) Alkane: Str...	3.37	24.0	ug/L	37171700	1	6.84	7755140	5.0
(DEL) Alkane: Str...	3.51	48.7	ug/L	75474700	1	6.84	7755140	5.0
(DEL) Alkane: Str...	3.65	25.2	ug/L	39139900	1	6.84	7755140	5.0
(DEL) Alkane: Str...	3.73	29.0	ug/L	44954900	1	6.84	7755140	5.0
(DEL) Alkane: Str...	3.79	40.6	ug/L	62909000	1	6.84	7755140	5.0
(DEL) Alkane: Str...	3.90	26.4	ug/L	40866800	1	6.84	7755140	5.0
Cyclopentene, 3-m...	3.97	10.9	ug/L	16903400	1	6.84	7755140	5.0
(DEL) Alkane: Str...	4.18	42.8	ug/L	66419700	1	6.84	7755140	5.0
(DEL) Alkane: Str...	4.29	39.2	ug/L	60853900	1	6.84	7755140	5.0
(DEL) Alkane: Str...	4.39	103.0	ug/L	159784000	1	6.84	7755140	5.0
Cyclopentene, 1-m...	5.29	75.4	ug/L	117016000	1	6.84	7755140	5.0
(DEL) Alkane: Str...	5.73	97.6	ug/L	151327000	1	6.84	7755140	5.0
(DEL) Alkane: Str...	5.92	30.2	ug/L	46850400	1	6.84	7755140	5.0
(DEL) Alkane: Str...	6.35	76.0	ug/L	117947000	1	6.84	7755140	5.0
(DEL) Alkane: Cyc...	6.45	17.1	ug/L	26483400	1	6.84	7755140	5.0
(DEL) Alkane: Str...	6.69	20.5	ug/L	31799400	1	6.84	7755140	5.0
(DEL) Alkane: Str...	6.76	5.0	ug/L	7755140	1	6.84	7755140	5.0
1,3-Pentadiene, 2...	6.93	49.4	ug/L	76637900	1	6.84	7755140	5.0
(DEL) Alkane: Str...	7.13	6.7	ug/L	10335900	1	6.84	7755140	5.0
Cyclopentene, 1,5...	7.24	20.7	ug/L	32141400	1	6.84	7755140	5.0
(DEL) Alkane: Str...	7.56	7.2	ug/L	11180300	1	6.84	7755140	5.0
(DEL) Alkane: Str...	7.62	7.4	ug/L	11546600	1	6.84	7755140	5.0
(DEL) Alkane: Cyc...	7.71	7.3	ug/L	11335300	1	6.84	7755140	5.0
Butanenitrile, 2-...	7.94	4.7	ug/L	7285270	1	6.84	7755140	5.0
(DEL) Alkane: Str...	8.04	31.4	ug/L	48629300	1	6.84	7755140	5.0
(DEL) Alkane: Str...	8.17	30.0	ug/L	46484300	1	6.84	7755140	5.0
Cyclobutane, (1-m...	8.20	18.7	ug/L	28956100	1	6.84	7755140	5.0
(DEL) Alkane: Str...	8.24	15.7	ug/L	24410100	1	6.84	7755140	5.0
(DEL) Alkane: Str...	8.33	5.5	ug/L	8565830	1	6.84	7755140	5.0
(DEL) Alkane: Str...	8.49	8.7	ug/L	8800790	2	10.10	5032880	5.0
2,4-Hexadiene, 2-...	8.56	25.3	ug/L	25508600	2	10.10	5032880	5.0
(DEL) Alkane: Str...	9.04	6.2	ug/L	6239460	2	10.10	5032880	5.0
1,3-Dimethyl-1-cy...	9.21	8.4	ug/L	8459150	2	10.10	5032880	5.0
(DEL) Alkane: Str...	9.54	6.1	ug/L	6173020	2	10.10	5032880	5.0
Dichloroacetic ac...	9.95	5.0	ug/L	5032880	2	10.10	5032880	5.0
(DEL) Alkane: Str...	11.16	6.6	ug/L	6905360	3	12.07	5203350	5.0
Benzene, propyl-	11.35	84.6	ug/L	88074500	3	12.07	5203350	5.0
2,4-Nonadiyne	11.45	379.8	ug/L	395236000	3	12.07	5203350	5.0
Benzene, 1,2,4-tr...	11.51	141.3	ug/L	147044000	3	12.07	5203350	5.0

Benzene, 1-ethyl-...	11.66	125.9	ug/L	130985000	3	12.07	5203350	5.0
Benzaldehyde, 4-m...	11.82	393.2	ug/L	409182000	3	12.07	5203350	5.0
Benzene, (2-methy...	11.91	5.5	ug/L	5740890	3	12.07	5203350	5.0
Benzene, 1,2,3-tr...	12.14	142.2	ug/L	147977000	3	12.07	5203350	5.0
Benzene, 1-etheny...	12.29	179.1	ug/L	186357000	3	12.07	5203350	5.0
Indene	12.46	13.3	ug/L	13837700	3	12.07	5203350	5.0
Benzene, 1-methyl...	12.51	17.4	ug/L	18074800	3	12.07	5203350	5.0
Benzene, 2-ethyl-...	12.57	45.6	ug/L	47466300	3	12.07	5203350	5.0
o-Cymene	12.60	26.0	ug/L	27018800	3	12.07	5203350	5.0
1,3,8-p-Menthatriene	12.66	56.7	ug/L	58978000	3	12.07	5203350	5.0
Indan, 1-methyl-	12.69	12.1	ug/L	12606700	3	12.07	5203350	5.0
Benzene, (2-methy...	12.74	44.9	ug/L	46745200	3	12.07	5203350	5.0
Benzene, 1-ethyl-...	12.89	17.4	ug/L	18147200	3	12.07	5203350	5.0
Benzene, 1,2,3,4-...	12.96	36.9	ug/L	38432600	3	12.07	5203350	5.0
1,3-Cyclopentadie...	13.01	47.0	ug/L	48911000	3	12.07	5203350	5.0
Benzene, 2-etheny...	13.21	44.5	ug/L	46332900	3	12.07	5203350	5.0
Benzene, 1-methyl...	13.30	5.9	ug/L	6103030	3	12.07	5203350	5.0

Instrument :
MSVOA_X
ClientSampleId :
GAY19