LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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	1.160	8	12	24	rVB	4862560	4466428	81.75%	10.036%
2	1.282	29	32	39	rVB	226292	209671	3.84%	0.471%
3	1.380	44	48	56	rBV3	2183891	3048884	55.80%	6.851%
4	1.447	56	59	62	rVV2	87446	76856	1.41%	0.173%
5	1.520	67	71	76	rBV	381474	391376	7.16%	0.879%
6	1.691	93	99	107	rVB2	239990	370015	6.77%	0.831%
7	1.776	107	113	122	rVB	315463	432091	7.91%	0.971%
8	1.935	134	139	143	rBV	613135	789129	14.44%	1.773%
9	1.996	143	149	157	rVV2	432652	902941	16.53%	2.029%
10	2.099	160	166	172	rBV2	131014	214476	3.93%	0.482%
11	2.197	174	182	187	rVV	233777	380425	6.96%	0.855%
12	2.246	187	190	196	rVB	114383	164747	3.02%	0.370%
13	2.343	201	206	214	rVV	353577	578542	10.59%	1.300%
14	2.416	214	218	223	rVB	90449	135200	2.47%	0.304%
15	2.581	236	245	249	rBV	75180	137340	2.51%	0.309%
16	2.636	249	254	261	rVB	101970	175558	3.21%	0.394%
17	2.758	266	274	280	rBV5	92624	308964	5.66%	0.694%
18	2.825	282	285	289	rVB2	62247	102156	1.87%	0.230%
19	2.910	295	299	311	rVB3	117480	263003	4.81%	0.591%
20	3.148	328	338	346	rBV2	93195	209085	3.83%	0.470%
21	3.386	361	377	388	rVB2	234707	610877	11.18%	1.373%
22	3.495	388	395	403	rBV2	71767	159508	2.92%	0.358%
23	3.636	411	418	424	rBV3	49508	122641	2.24%	0.276%
24	3.709	424	430	437	rVV3	36702	110744	2.03%	0.249%
25	3.788	438	443	451	rVB3	30729	73979	1.35%	0.166%
26	3.898	453	461	467	rBV3	23419	67005	1.23%	0.151%
27	4.014	467	480	495	rVB3	66514	223759	4.10%	0.503%
28	4.166	497	505	512	rBV5	28916	75556	1.38%	0.170%
29	4.526	551	564	575	rBV2	208805	777300	14.23%	1.747%
30	4.648	575	584	597	rVB2	173202	570596	10.44%	1.282%
31	4.794	597	608	622	rBV	1927753	5463496	100.00%	12.277%
32	5.141	644	665	677	rBV	205748	776142	14.21%	1.744%
33	5.288	679	689	704	rVB8	42324	203010	3.72%	0.456%
34	5.690	746	755	762	rBV7	43146	138440	2.53%	0.311%

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

Instrument : MSVOA_X
ClientSampleId : GAY21

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	5.904	780	790	801	rBV4	44433	151896	2.78%	0.341%
36	6.044	801	813	821	rBV2	509392	1474174	26.98%	3.313%
37	6.111	821	824	833	rVB2	59629	138413	2.53%	0.311%
38	6.318	853	858	869	rVB7	26575	78601	1.44%	0.177%
39	6.440	869	878	885	rBV4	68252	190080	3.48%	0.427%
40	6.519	885	891	904	rVB4	59655	188083	3.44%	0.423%
41	6.830	934	942	950	rBV	474674	1142156	20.91%	2.566%
42	7.239	995	1009	1020	rVB7	103194	311012	5.69%	0.699%
43	7.373	1022	1031	1038	rBV	306136	690526	12.64%	1.552%
44	7.434	1038	1041	1051	rVB6	42447	89316	1.63%	0.201%
45	8.068	1135	1145	1153	rVB9	32833	98653	1.81%	0.222%
46	8.238	1167	1173	1182	rVB10	38139	88381	1.62%	0.199%
47	8.373	1189	1195	1203	rBV	213336	364904	6.68%	0.820%
48	8.696	1237	1248	1254	rBV	846414	1334512	24.43%	2.999%
49	8.763	1254	1259	1266	rVV	222383	336802	6.16%	0.757%
50	8.866	1273	1276	1285	rVB5	38256	64047	1.17%	0.144%
51	8.994	1293	1297	1307	rVB2	138528	271343	4.97%	0.610%
52	9.202	1327	1331	1336	rBV	64585	97520	1.78%	0.219%
53	9.427	1362	1368	1373	rBV	952400	1321587	24.19%	2.970%
54	9.470	1373	1375	1383	rVB5	37570	59960	1.10%	0.135%
55	9.738	1415	1419	1425	rBV2	122752	174009	3.18%	0.391%
56	10.098	1473	1478	1484	rBV	960286	1323631	24.23%	2.974%
57	10.238	1496	1501	1505	rVB	380977	501299	9.18%	1.126%
58	10.342	1512	1518	1524	rVB	1285254	1700707	31.13%	3.822%
59	10.683	1569	1574	1578	rBV	312603	387776	7.10%	0.871%
60	11.232	1658	1664	1669	rBV	304217	386078	7.07%	0.868%
61	11.342	1676	1682	1687	rBV	113328	149087	2.73%	0.335%
62	11.421	1689	1695	1703	rVV	410617	740702	13.56%	1.664%
63	11.488	1703	1706	1715	rVB	197330	263663	4.83%	0.592%
64	11.652	1728	1733	1740	rBV	168590	221041	4.05%	0.497%
65	11.793	1751	1756	1761	rBV	817162	969873	17.75%	2.179%
66	12.061	1795	1800	1806	rBV	1099412	1350639	24.72%	3.035%
67	12.128	1806	1811	1817	rVB	230813	275099	5.04%	0.618%
68	12.256	1828	1832	1834	rBV	261900	352109	6.44%	0.791%
69	12.280	1834	1836	1839	rVB	286009	335358	6.14%	0.754%
70	12.360	1844	1849	1856	rVB2	1120532	1461607	26.75%	3.284%
71	12.500	1868	1872	1878	rVB	46521	65981	1.21%	0.148%

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Title : TRACE VOA SOM01.0

72	12.573	1879	1884	1886	rBV	99927	145585	2.66%	0.327%
73	12.591	1886	1887	1892	rVB	91569	82059	1.50%	0.184%
74	12.652	1892	1897	1900	rBV	170226	191985	3.51%	0.431%
75	12.738	1906	1911	1918	rBV3	86956	141880	2.60%	0.319%
76	12.890	1930	1936	1941	rVB2	58584	86324	1.58%	0.194%
77	12.963	1941	1948	1951	rBV	97463	134099	2.45%	0.301%
78	13.000	1951	1954	1959	rVB	151433	179319	3.28%	0.403%
79	13.067	1960	1965	1970	rBV4	35425	79729	1.46%	0.179%
80	13.207	1983	1988	1991	rBV2	104130	120490	2.21%	0.271%
81	13.329	2004	2008	2014	rVB2	186040	263316	4.82%	0.592%
82	13.463	2026	2030	2037	rVB3	53547	76400	1.40%	0.172%
83	13.622	2052	2056	2061	rVV3	50132	106935	1.96%	0.240%
84	13.701	2062	2069	2076	rVV2	120281	244731	4.48%	0.550%
85	13.817	2080	2088	2098	rVB	220653	297469	5.44%	0.668%
86	13.963	2106	2112	2117	rBV3	41986	68913	1.26%	0.155%
87	14.256	2154	2160	2166	rBV4	42355	88250	1.62%	0.198%
88	14.676	2225	2229	2241	rVB	157538	209506	3.83%	0.471%
89	14.823	2249	2253	2258	rBV	78945	105543	1.93%	0.237%

Sum of corrected areas: 44503098

LSC Report - Integrated Chromatogram

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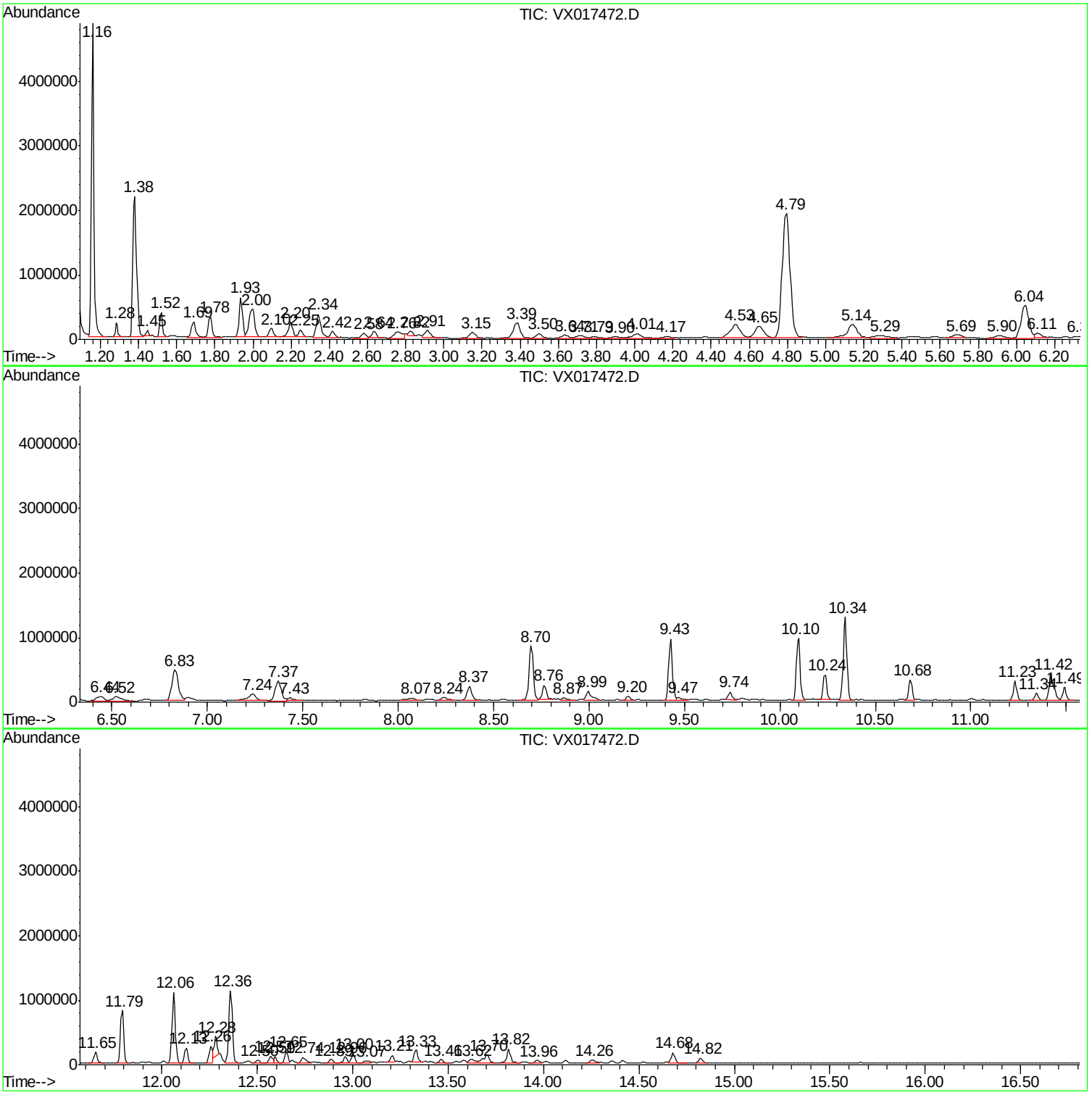
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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 : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

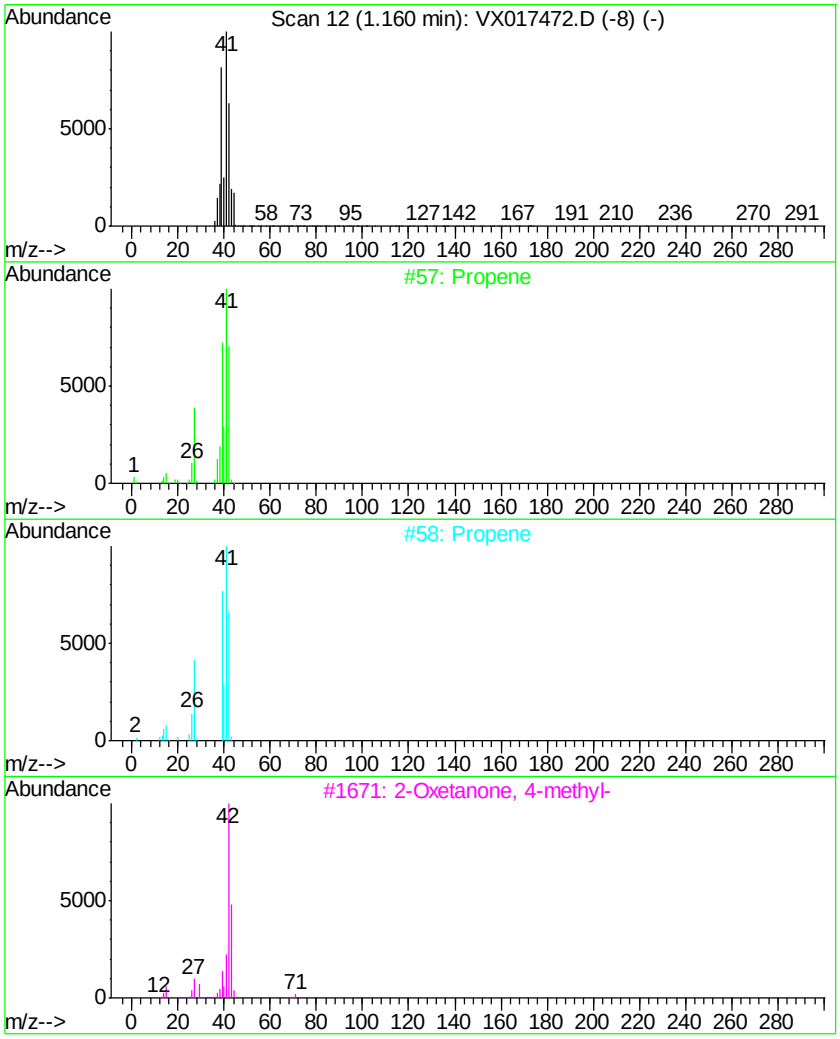
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

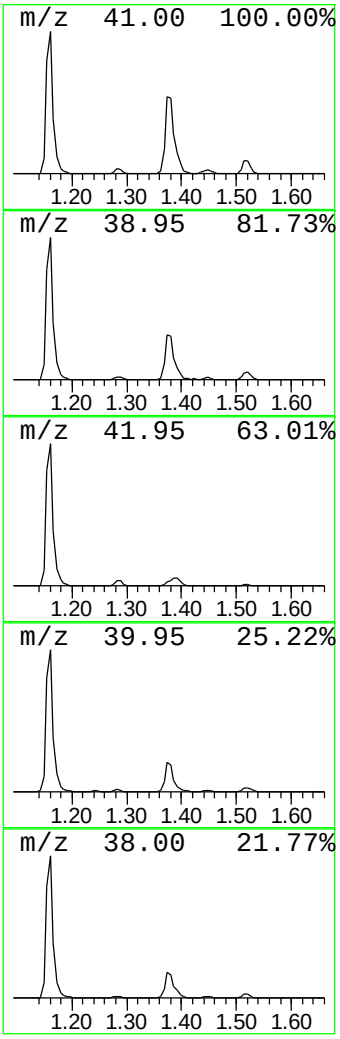
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.16	19.55 ug/L	4466430	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

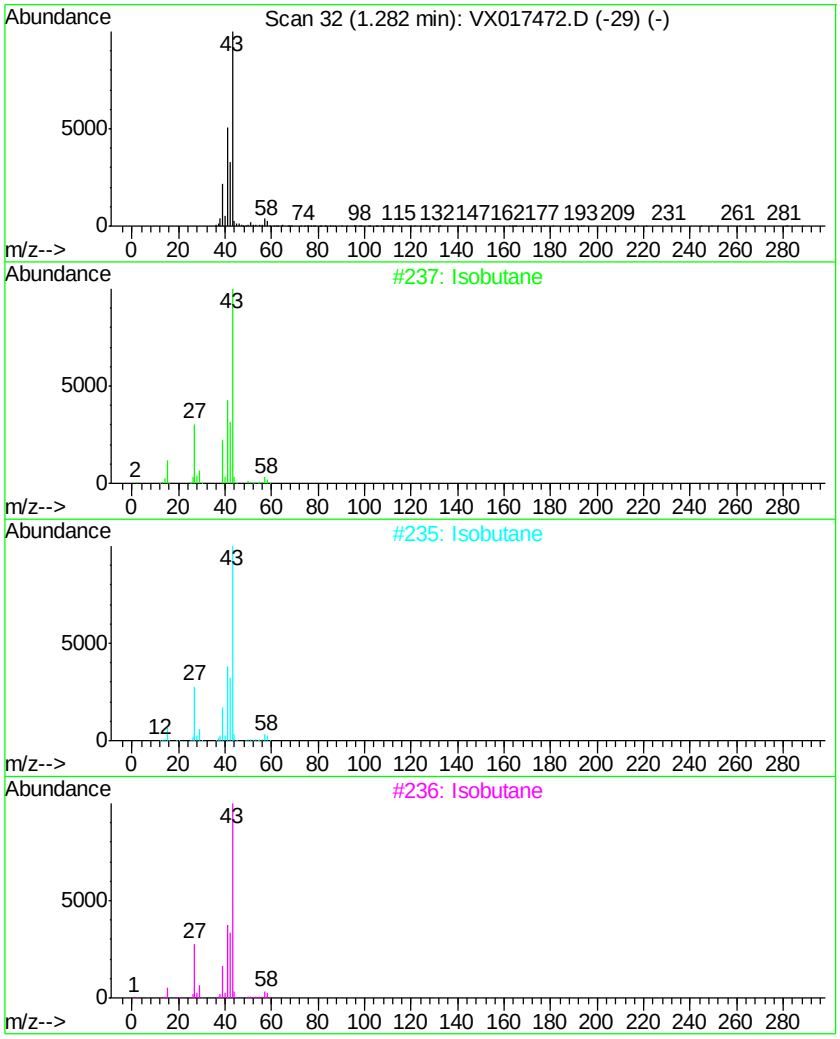
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

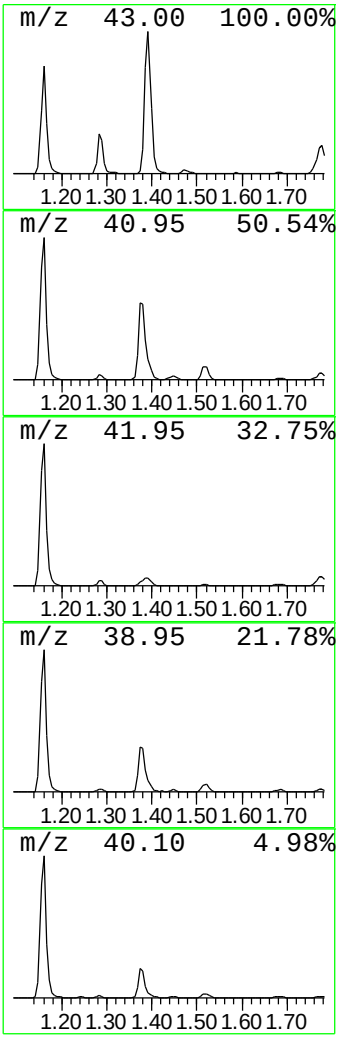
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	0.92 ug/L	209671	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	59
2	Isobutane	58	C4H10	000075-28-5	59
3	Isobutane	58	C4H10	000075-28-5	53
4	Isobutane	58	C4H10	000075-28-5	40
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

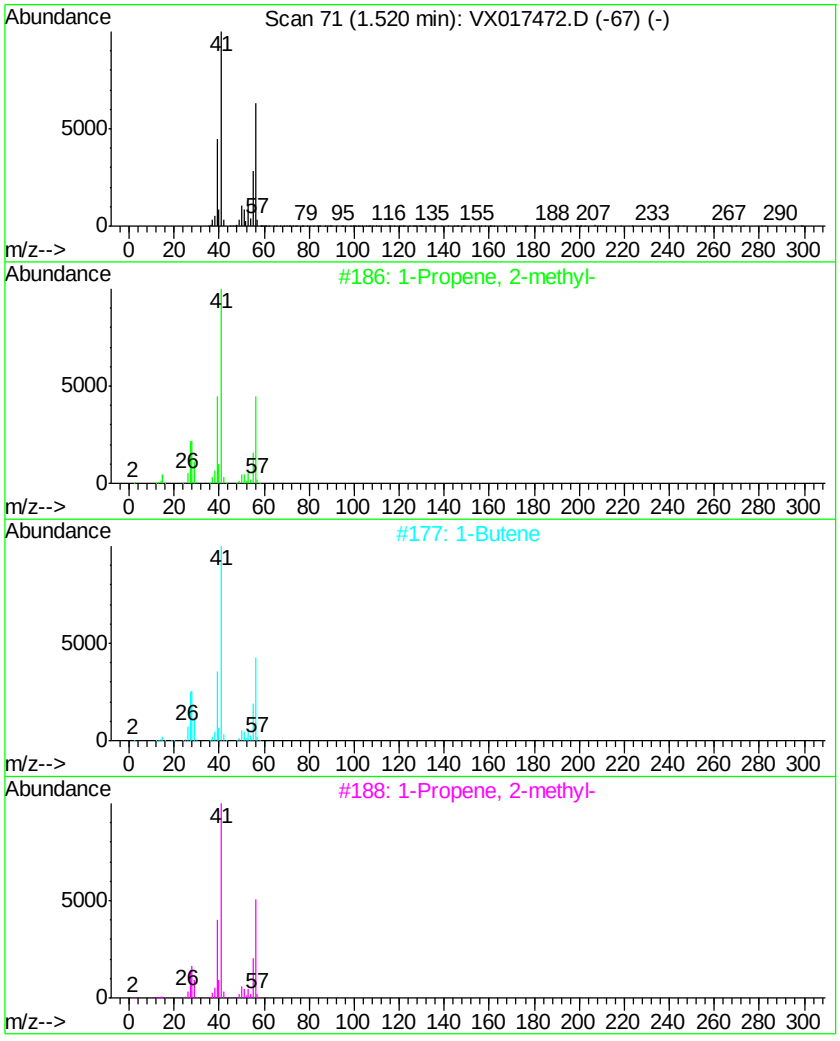
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

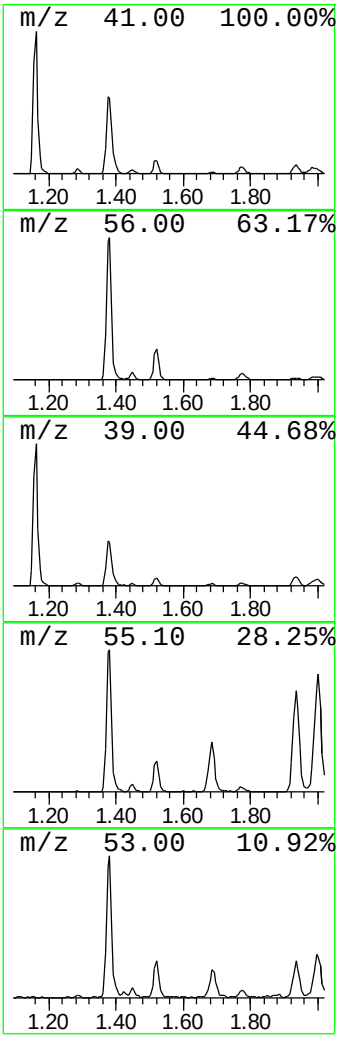
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	1.71 ug/L	391376	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Butene	56	C4H8	000106-98-9	90
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
4	2-Butene, (Z)-	56	C4H8	000590-18-1	74
5	2-Butene	56	C4H8	000107-01-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

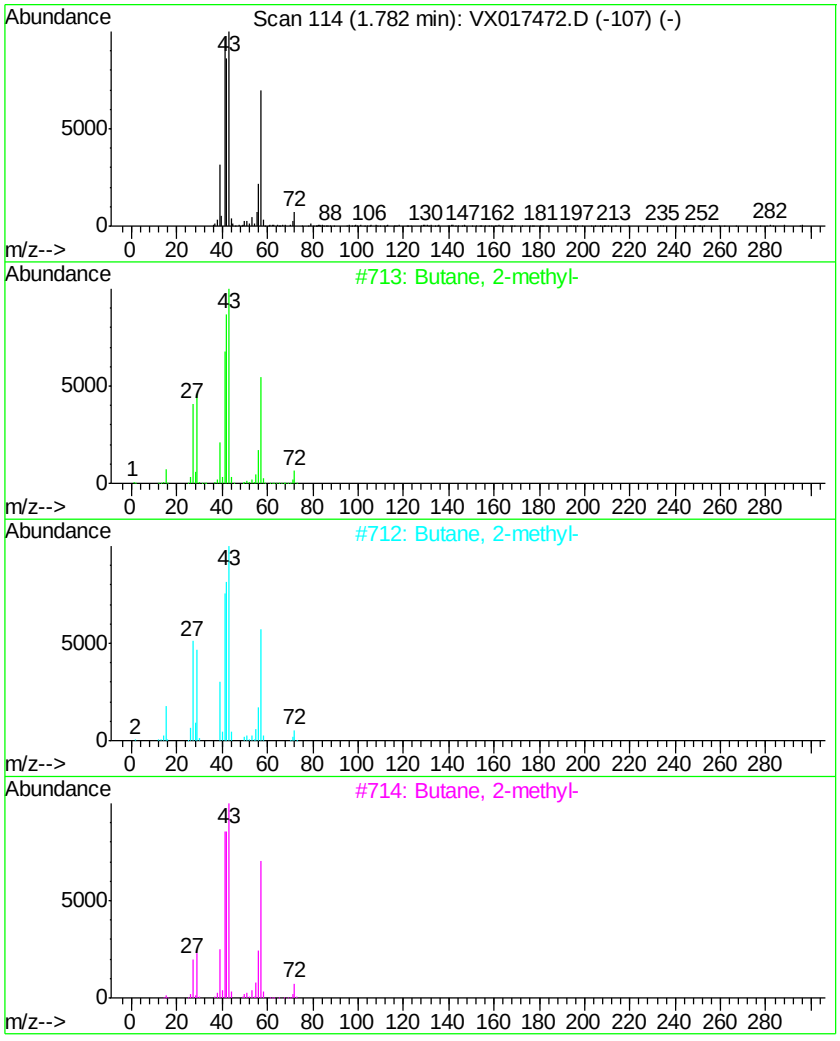
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

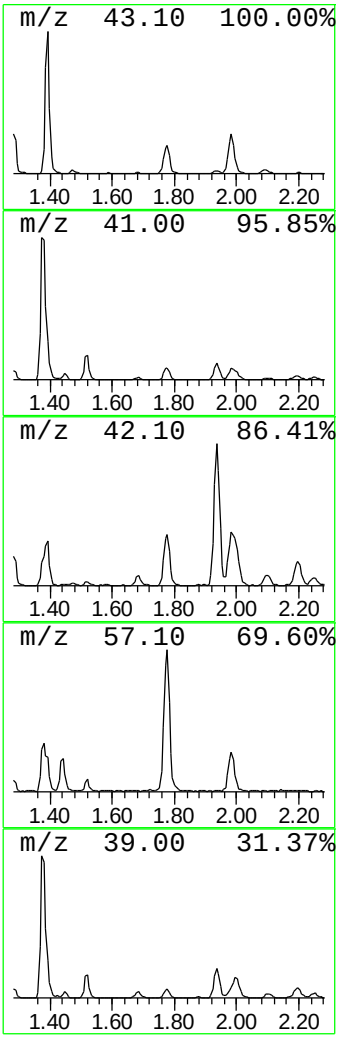
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.78	1.89 ug/L	432091	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Butane, 2-methyl-	72	C5H12	000078-78-4	80
4	3-Buten-1-ol	72	C4H8O	000627-27-0	43
5	Pentane	72	C5H12	000109-66-0	36





Library Search Compound Report

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Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

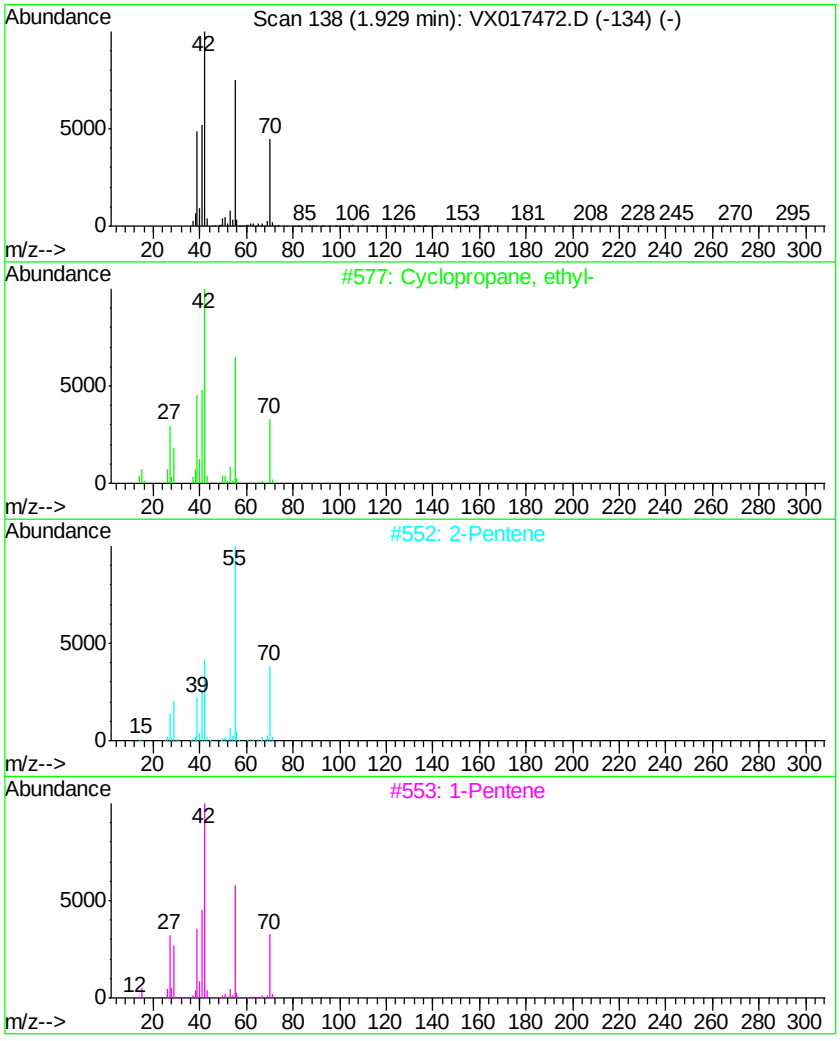
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

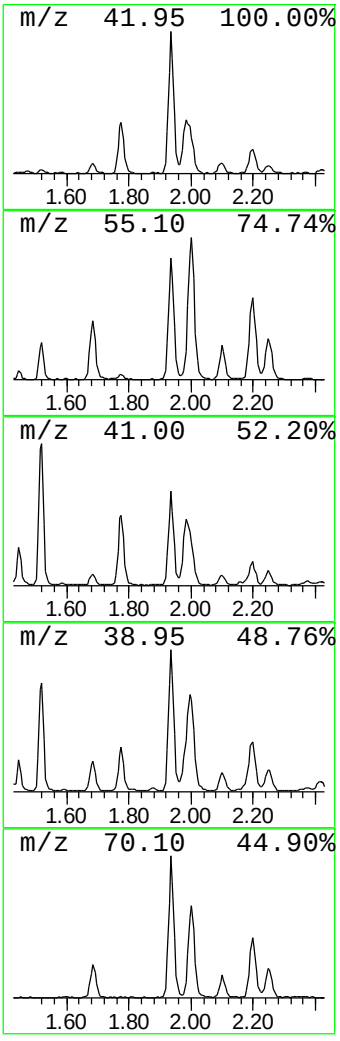
****

Peak Number 5 (DEL) Alkane: Cyclic1.93 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.93	3.45 ug/L	789129	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
2	2-Pentene	70	C5H10	000109-68-2	78
3	1-Pentene	70	C5H10	000109-67-1	70
4	1-Pentene	70	C5H10	000109-67-1	68
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	64





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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

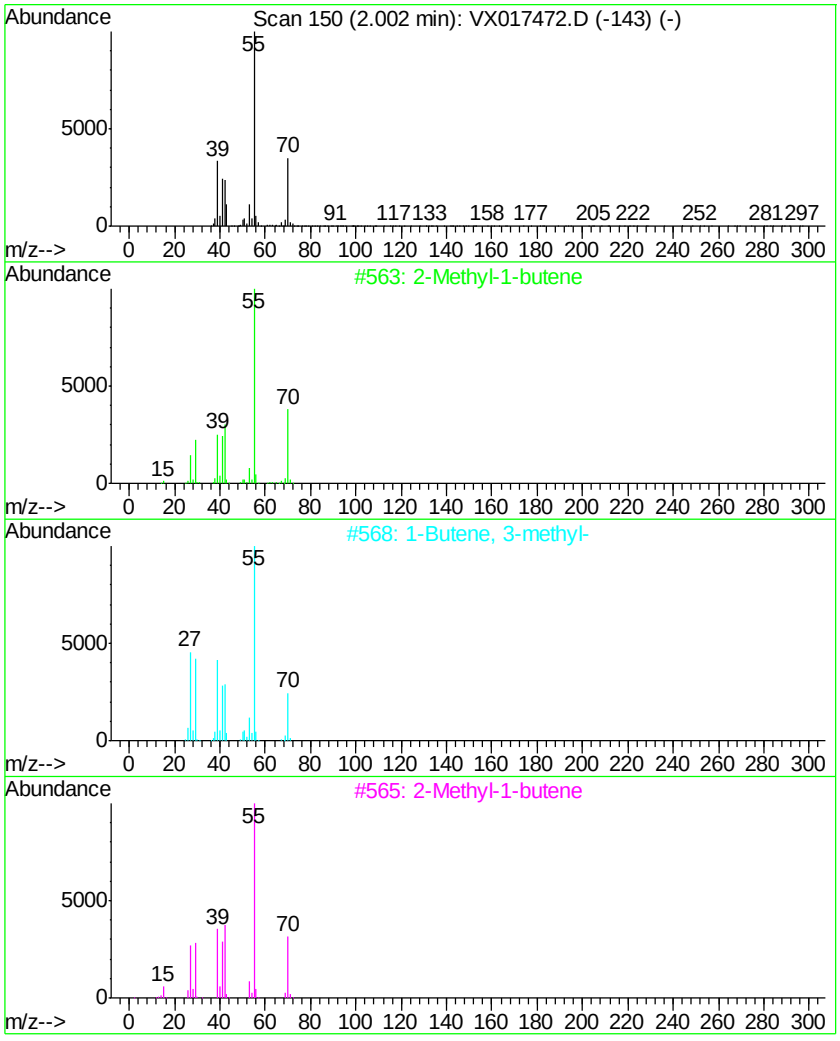
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

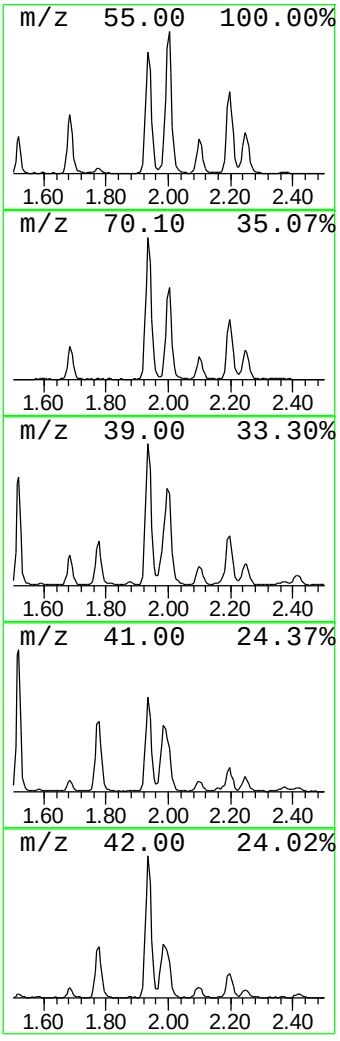
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	3.95 ug/L	902941	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	90
2	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
3	2-Methyl-1-butene	70	C5H10	000563-46-2	86
4	2-Pentene, (E)-	70	C5H10	000646-04-8	83
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

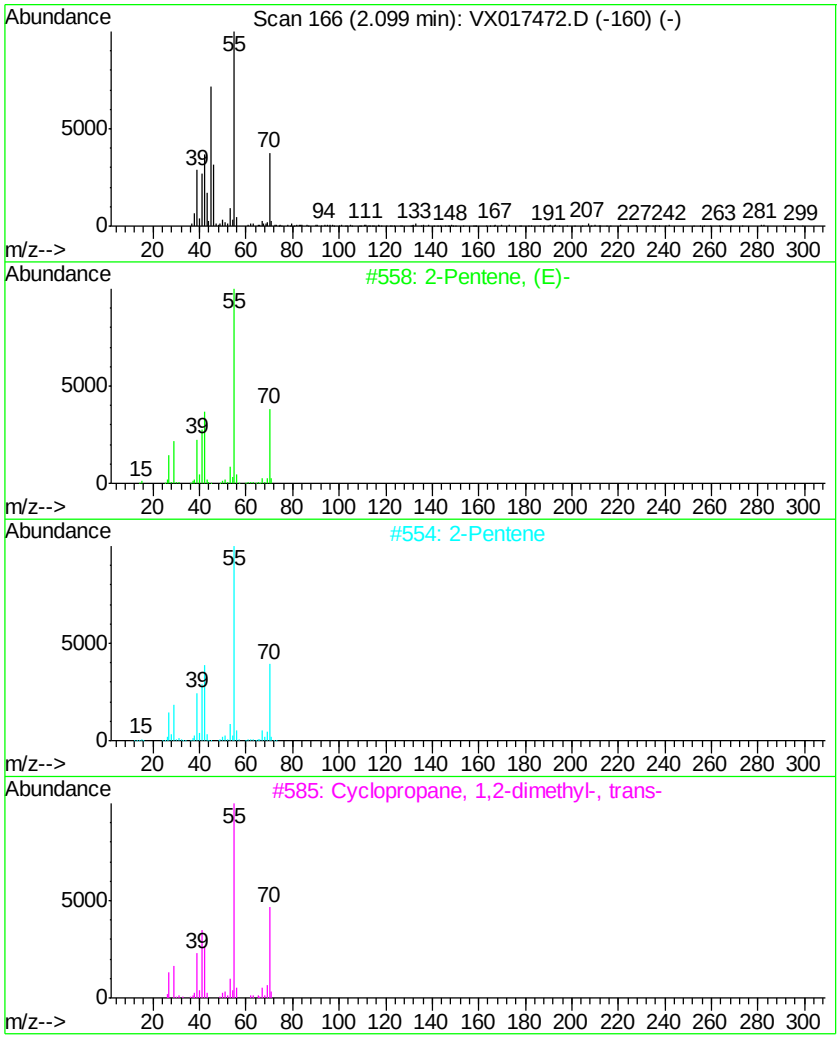
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

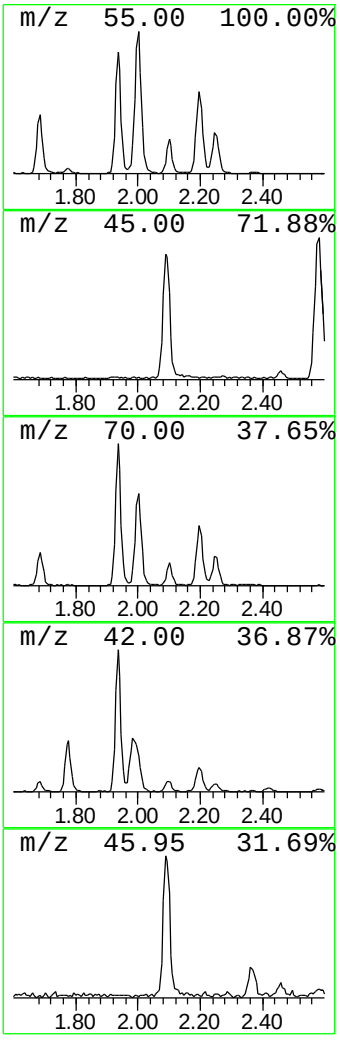
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	0.94 ug/L	214476	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	50
2	2-Pentene	70	C5H10	000109-68-2	50
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	45
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	45
5	2-Pentene	70	C5H10	000109-68-2	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

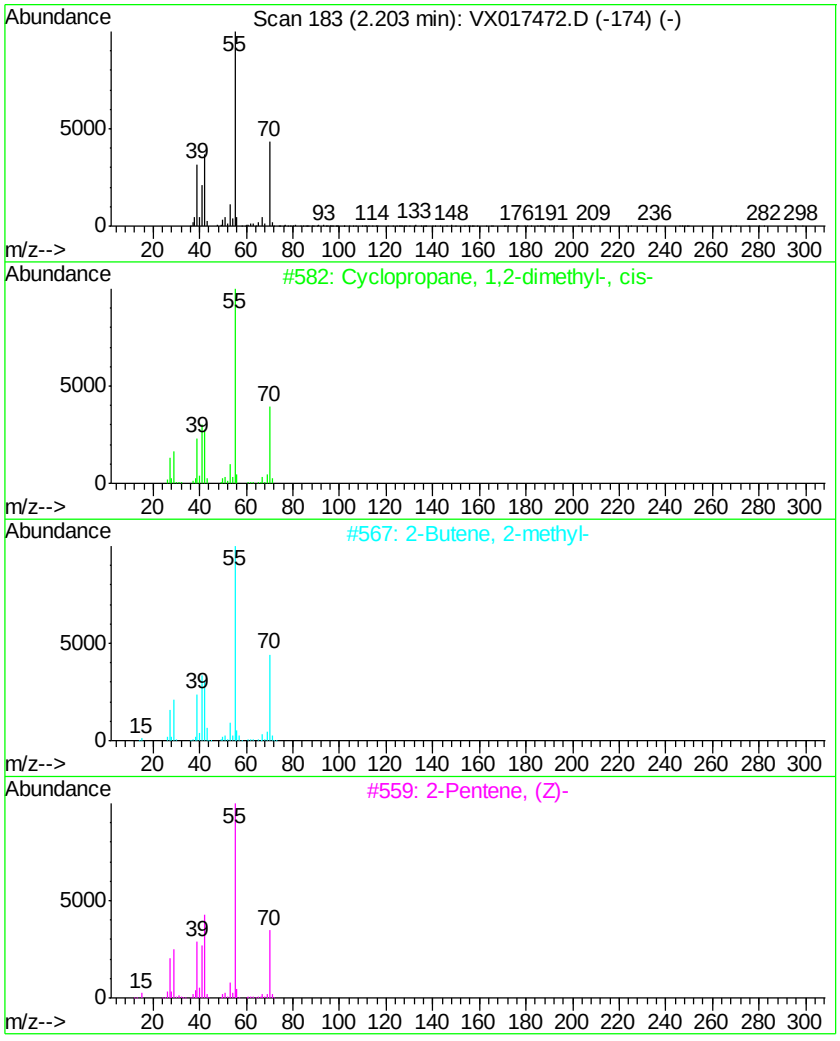
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

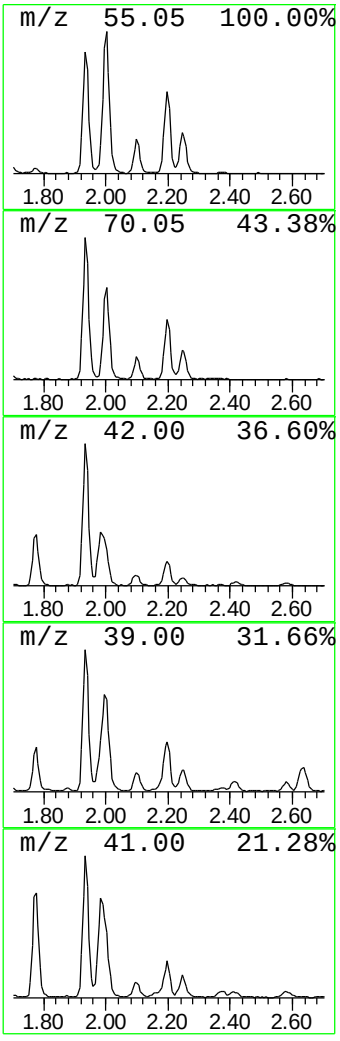
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic2.20 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	1.67 ug/L	380425	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
4	2-Pentene, (E)-	70	C5H10	000646-04-8	83
5	2-Methyl-1-butene	70	C5H10	000563-46-2	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

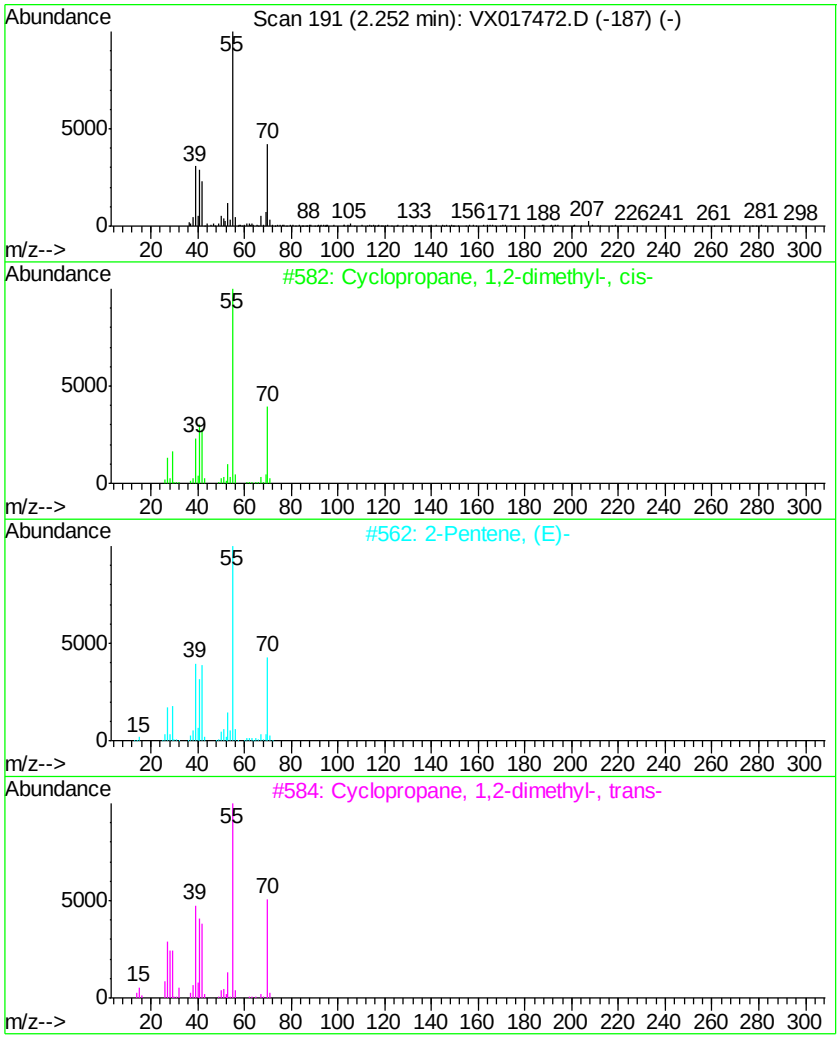
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

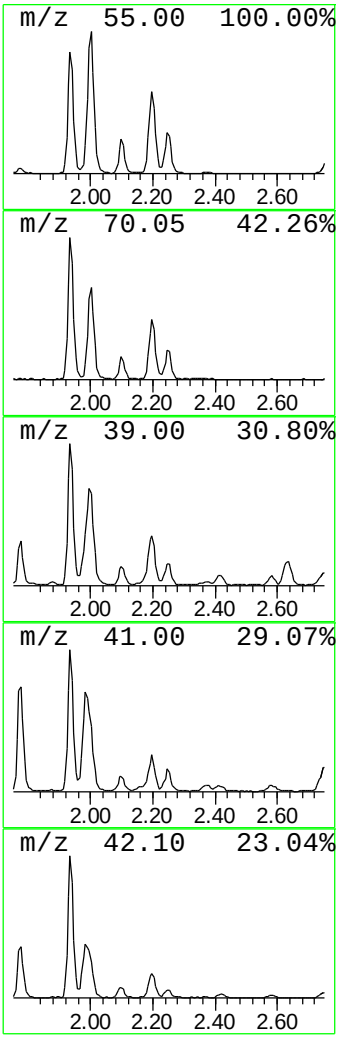
****

Peak Number 9 (DEL) Alkane: Cyclic2.25 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	0.72 ug/L	164747	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
2	2-Pentene, (E)-	70	C5H10	000646-04-8	87
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	80
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

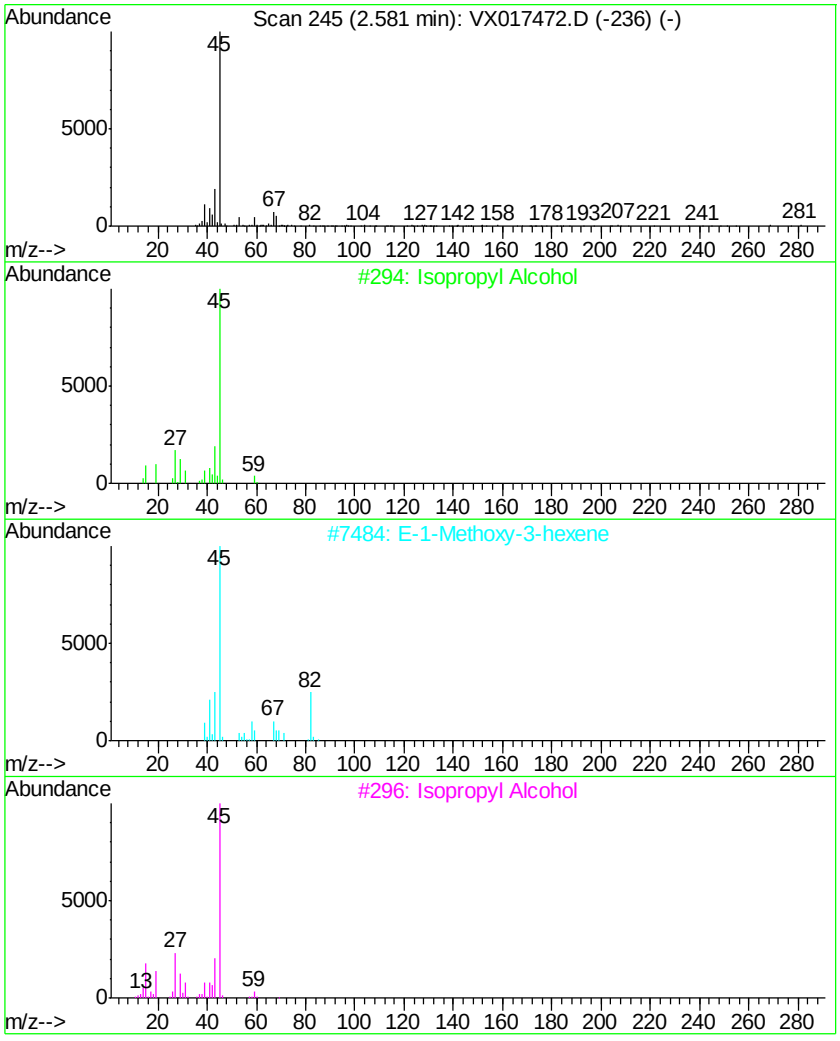
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

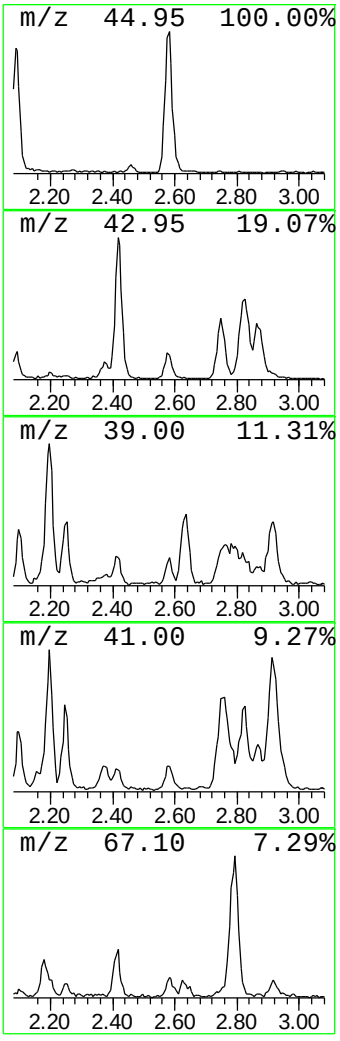
****

Peak Number 10 Isopropyl Alcohol Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.58	0.60 ug/L	137340	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	E-1-Methoxy-3-hexene	114	C7H14O	121441-40-5	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	59
5	Pentane, 1-methoxy-	102	C6H14O	000628-80-8	39





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

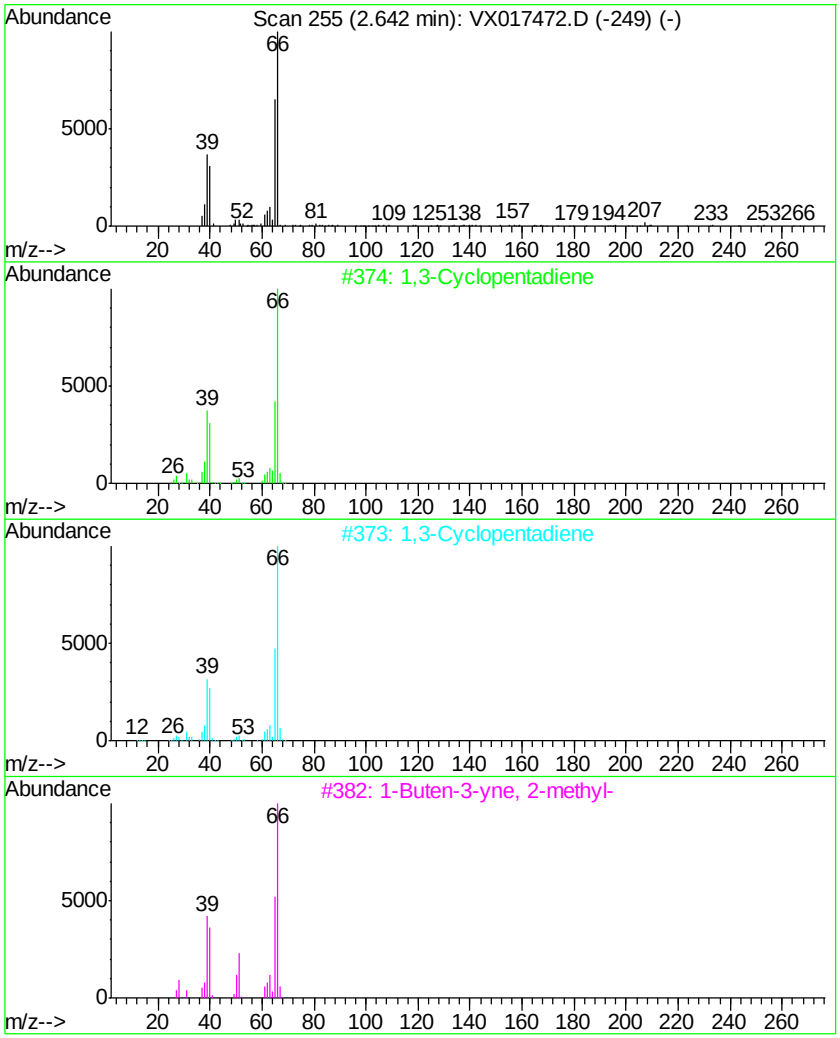
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

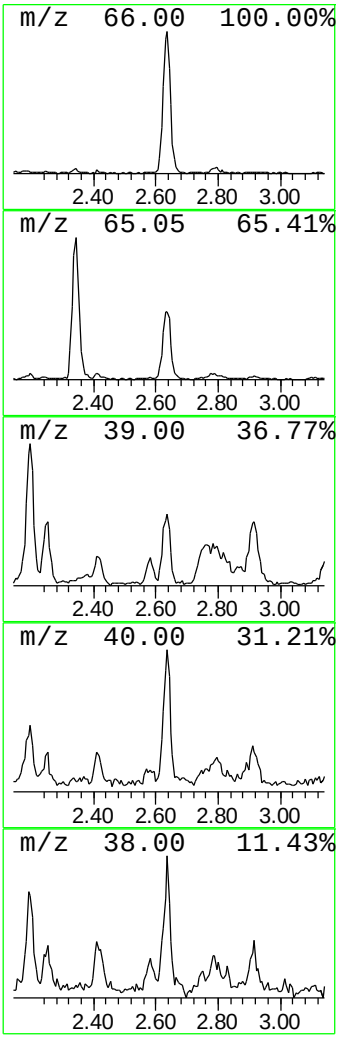
****

Peak Number 11 1,3-Cyclopentadiene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.64	0.77 ug/L	175558	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene	66	C5H6	000542-92-7	91
2	1,3-Cyclopentadiene	66	C5H6	000542-92-7	91
3	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	90
4	1-Buten-3-yne, 2-methyl-	66	C5H6	000078-80-8	90
5	3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

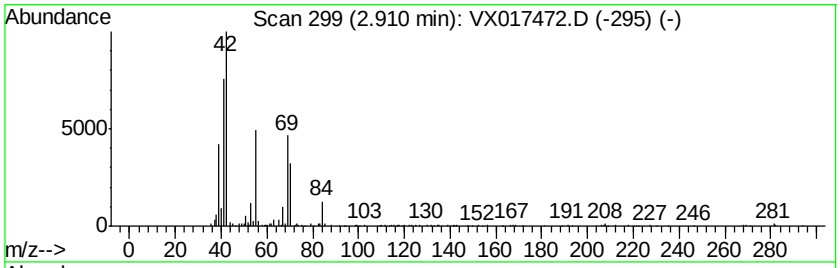
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

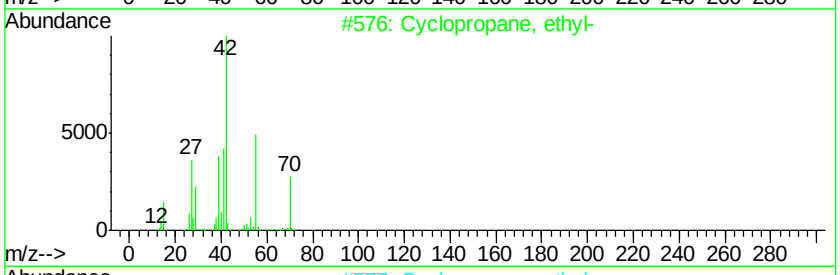
****

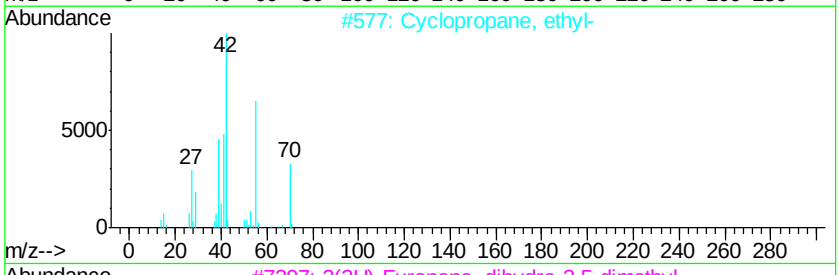
Peak Number 12 (DEL) Alkane: Cyclic2.91 Concentration Rank 15

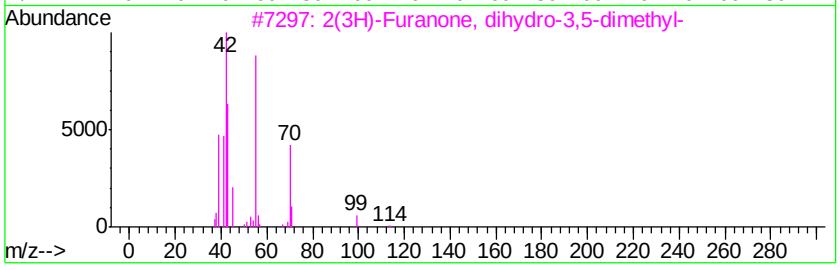
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	1.15 ug/L	263003	1,4-Difluorobenzene	6.83

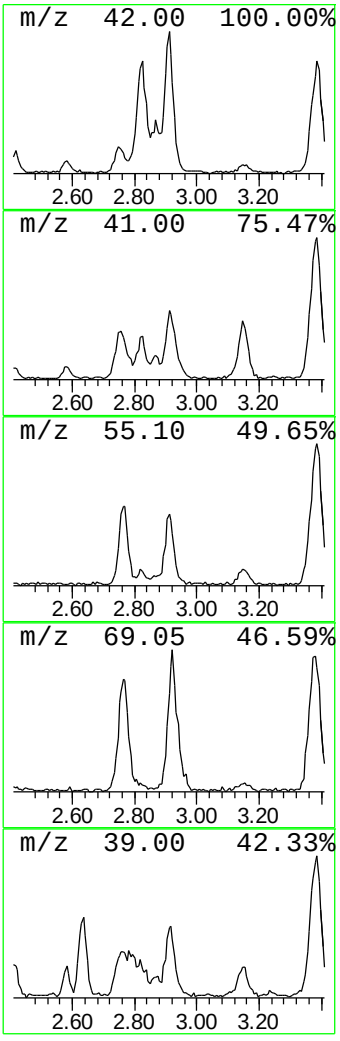
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
3	2(3H)-Furanone, dihydro-3,5-dime...	114	C6H10O2	005145-01-7	59
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	47
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	46











Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

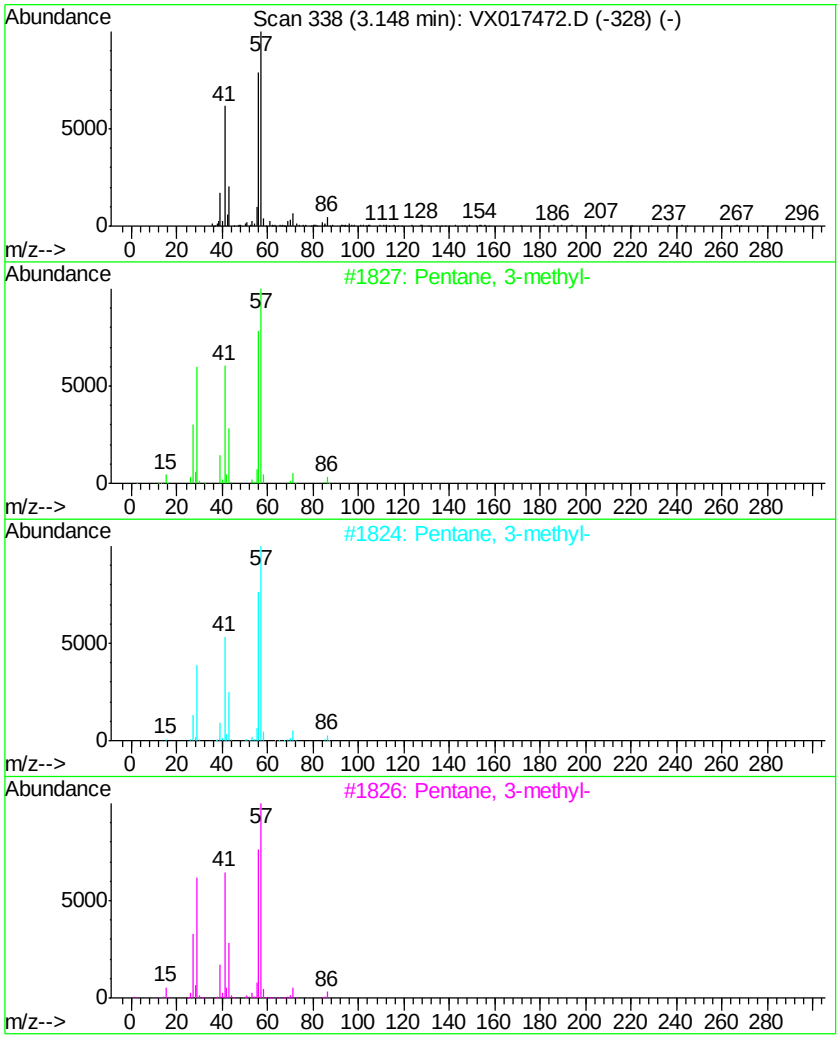
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

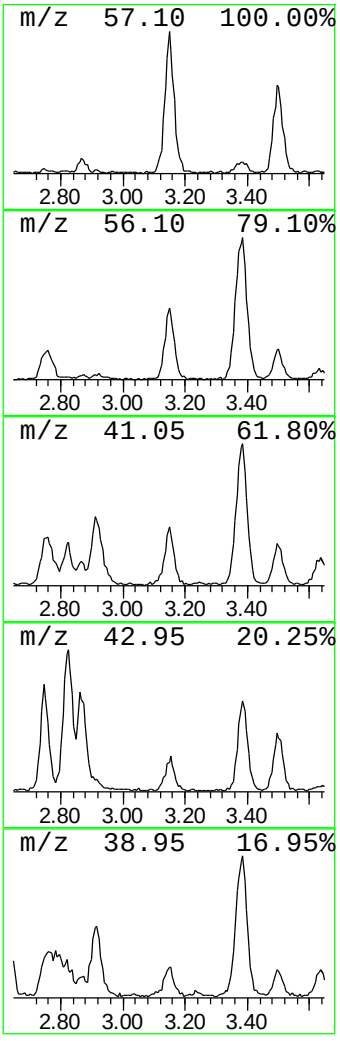
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	0.92 ug/L	209085	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

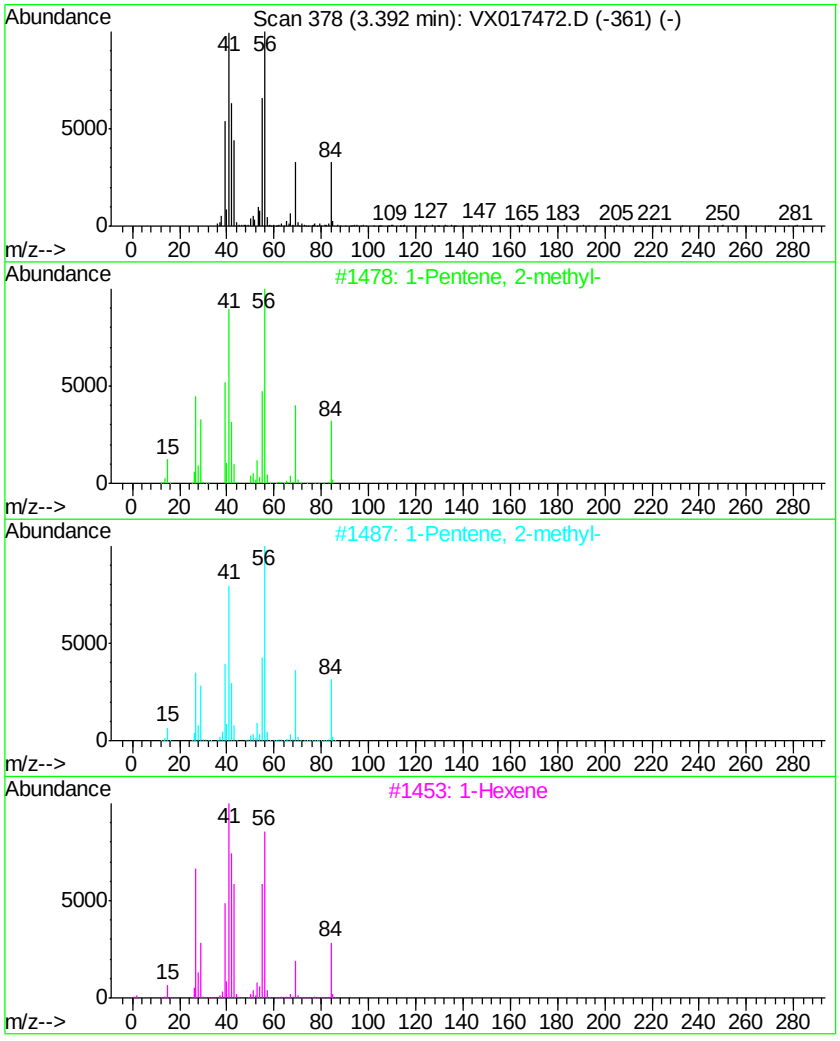
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

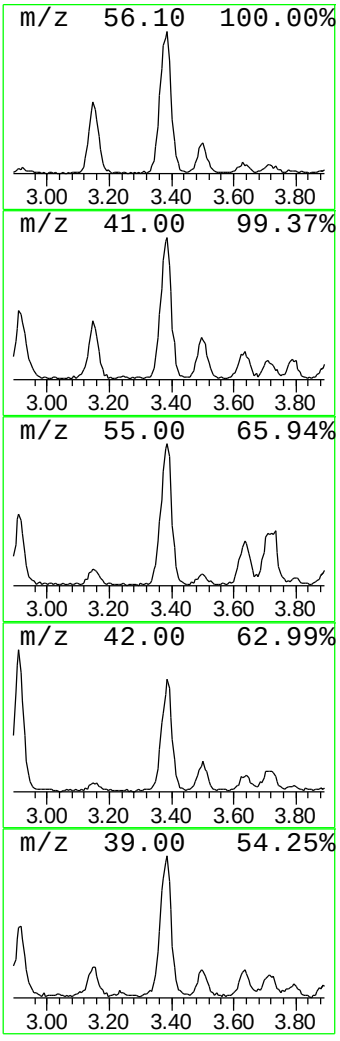
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	2.67 ug/L	610877	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
3	1-Hexene	84	C6H12	000592-41-6	81
4	1-Hexene	84	C6H12	000592-41-6	76
5	Cyclohexane	84	C6H12	000110-82-7	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

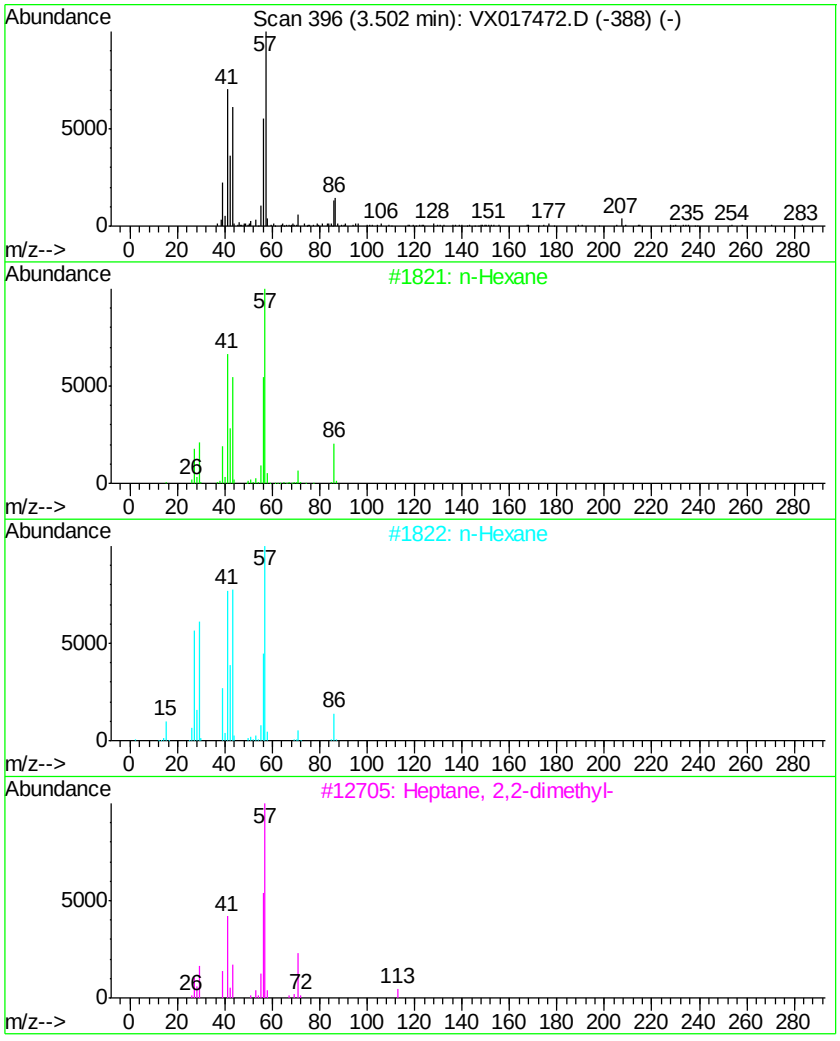
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

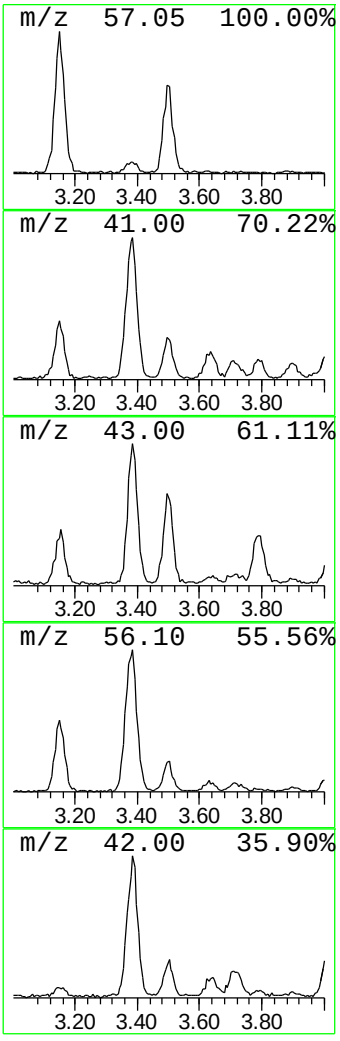
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	0.70 ug/L	159508	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	64
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53
4	n-Hexane	86	C6H14	000110-54-3	50
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

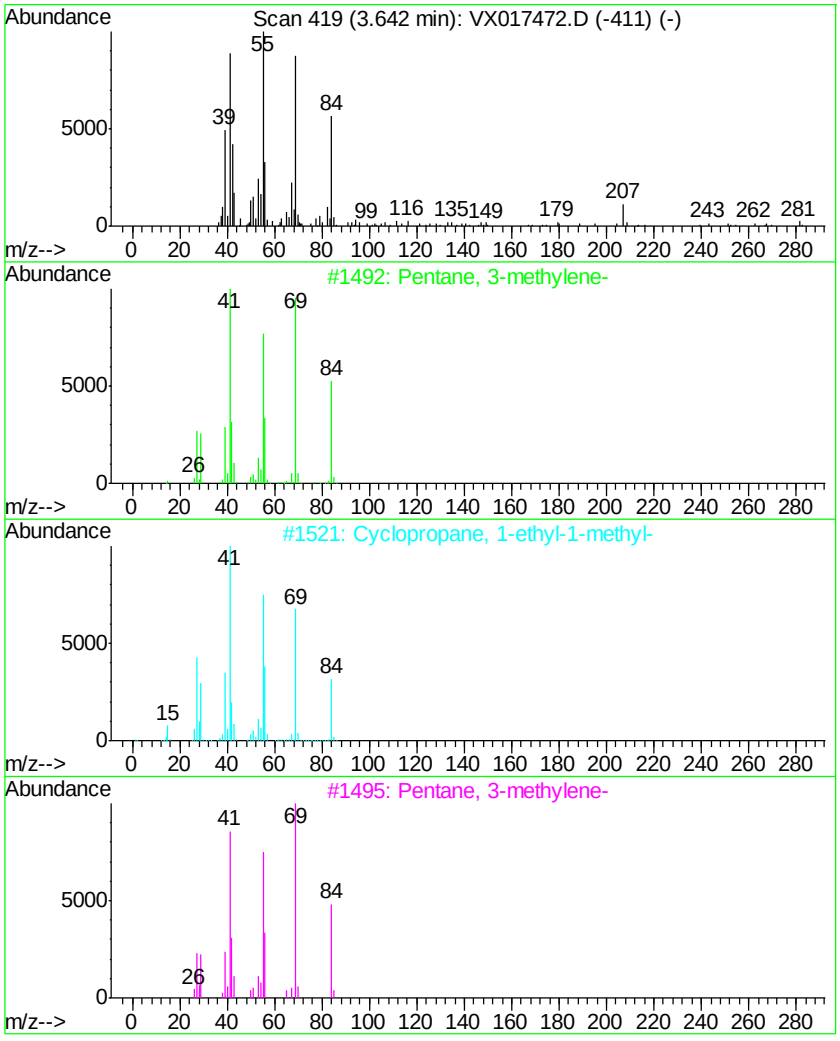
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

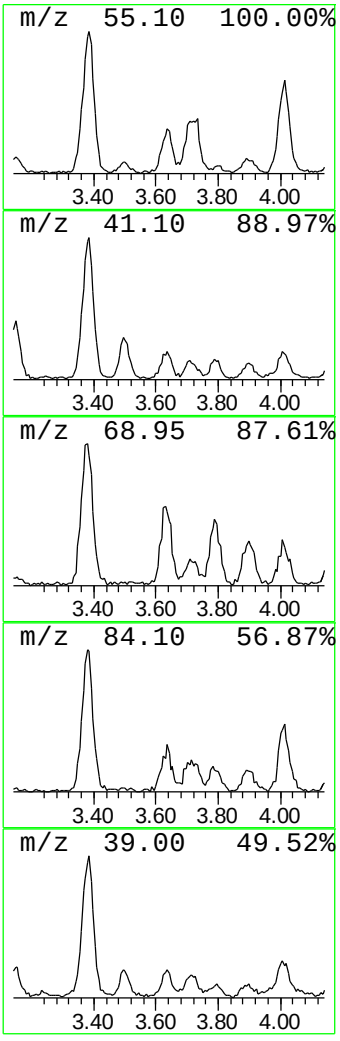
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	0.54 ug/L	122641	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methylene-	84	C6H12	000760-21-4	52
2	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	52
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	52
4	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	50
5	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

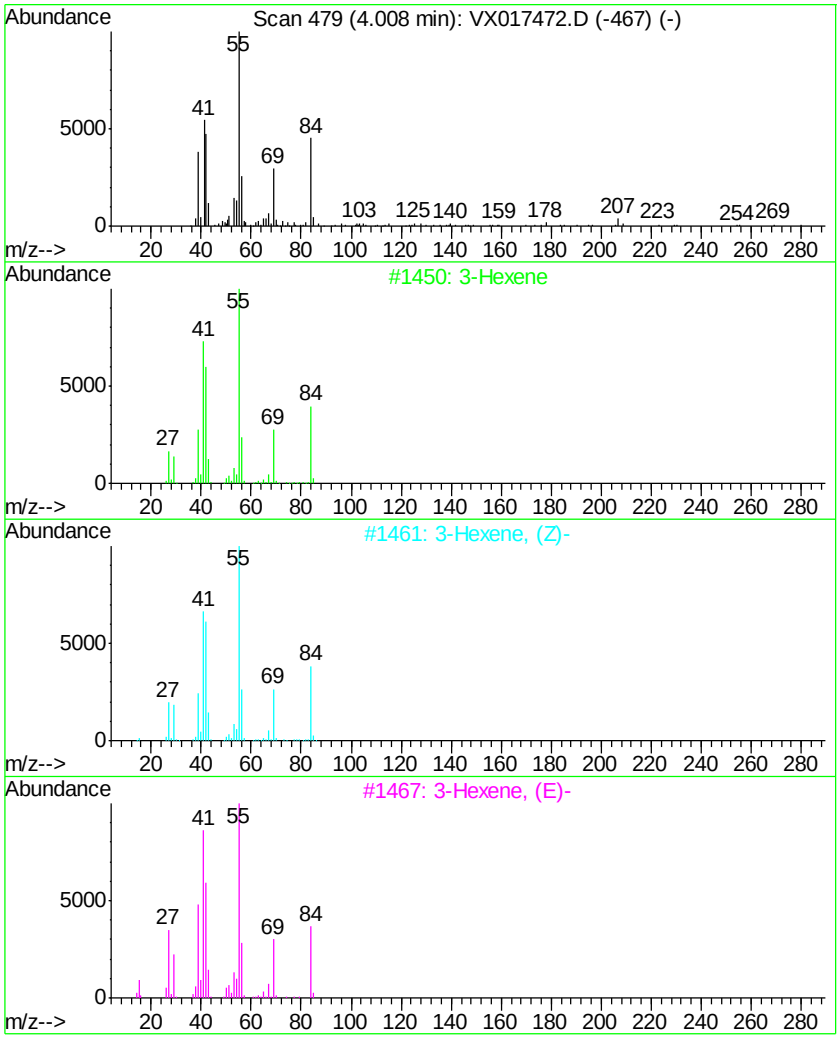
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

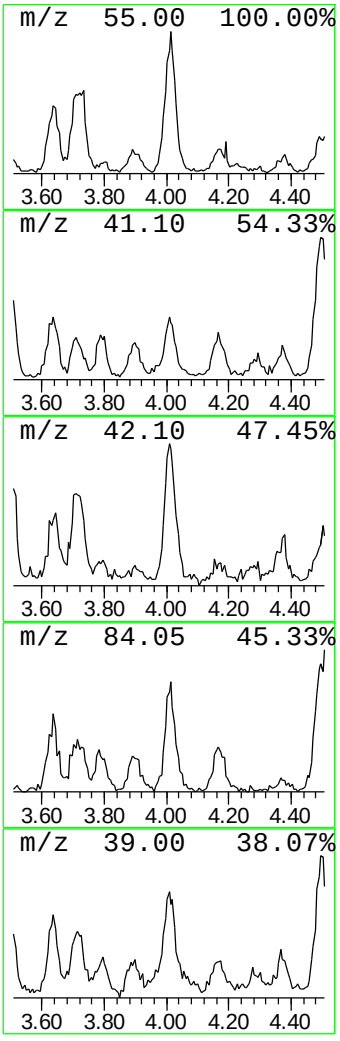
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	0.98 ug/L	223759	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene	84	C6H12	000592-47-2	90
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	87
3	3-Hexene, (E)-	84	C6H12	013269-52-8	86
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	80
5	2-Hexene, (Z)-	84	C6H12	007688-21-3	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

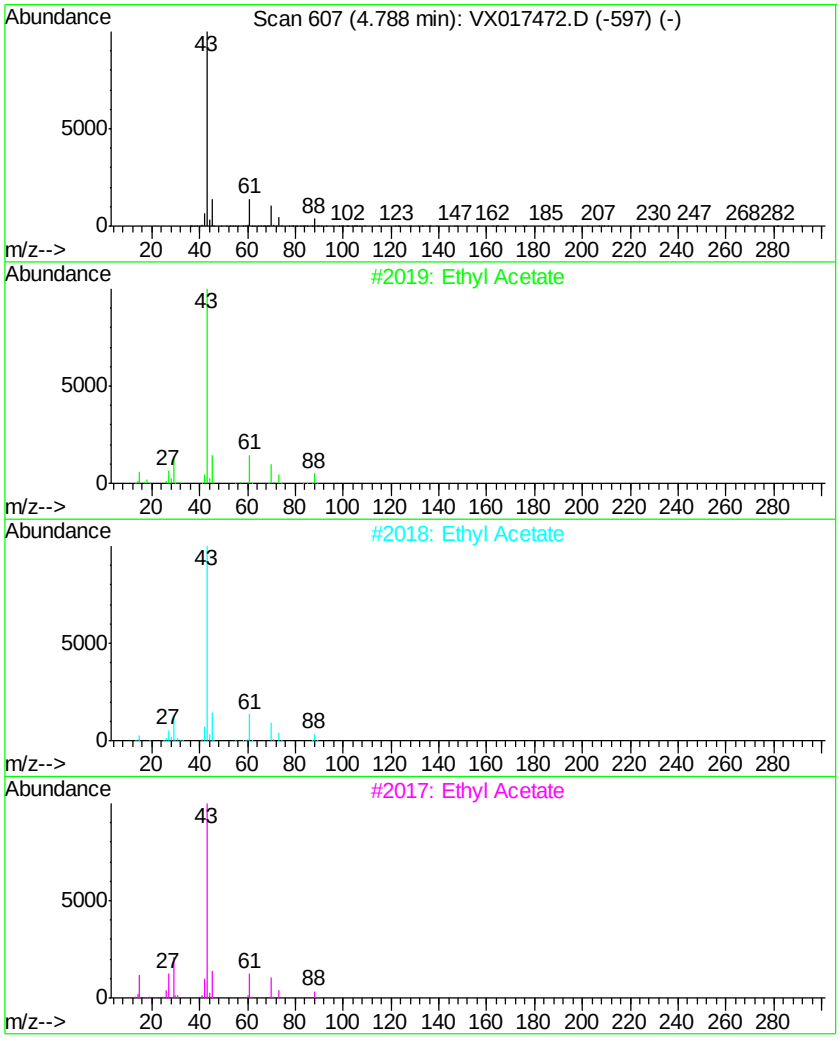
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

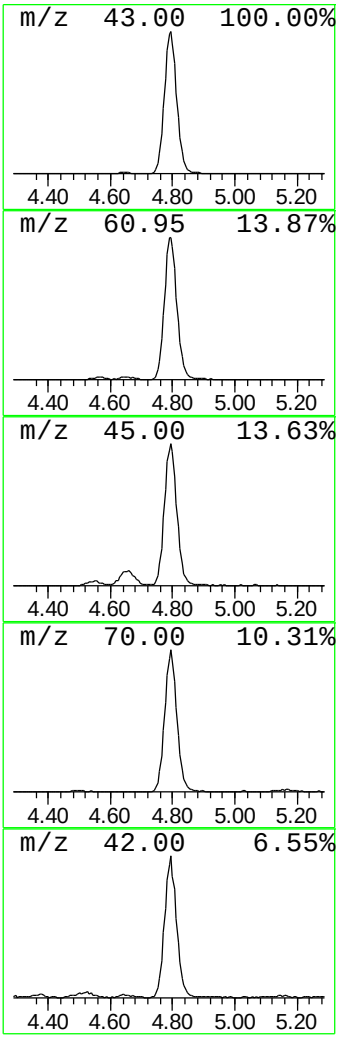
****

Peak Number 19 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	23.92 ug/L	5463500	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	91
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

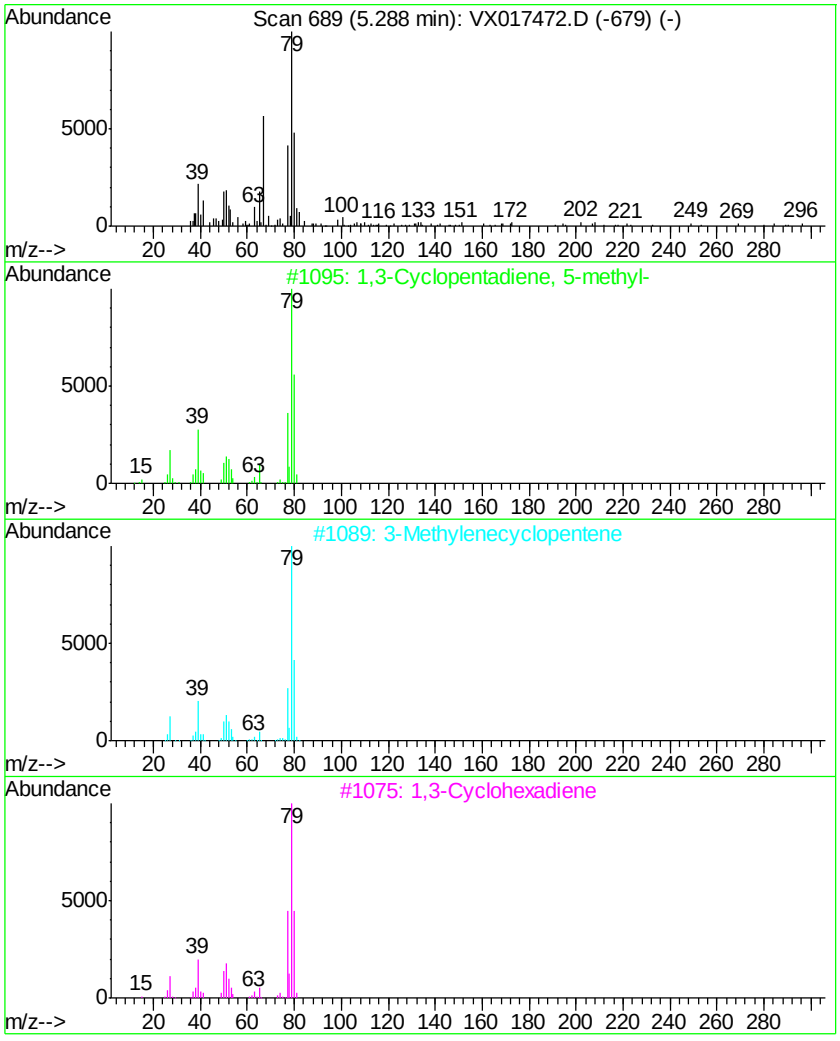
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

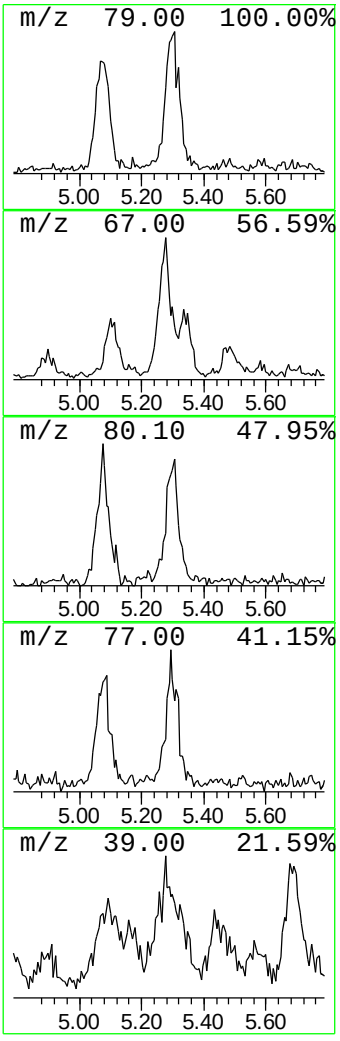
****

Peak Number 20 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	0.89 ug/L	203010	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5-methyl-	80	C6H8	000096-38-8	43
2	3-Methylenecyclopentene	80	C6H8	000930-26-7	43
3	1,3-Cyclohexadiene	80	C6H8	000592-57-4	43
4	1,3-Cyclohexadiene	80	C6H8	000592-57-4	43
5	4-Methylenecyclopentene	80	C6H8	014548-32-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

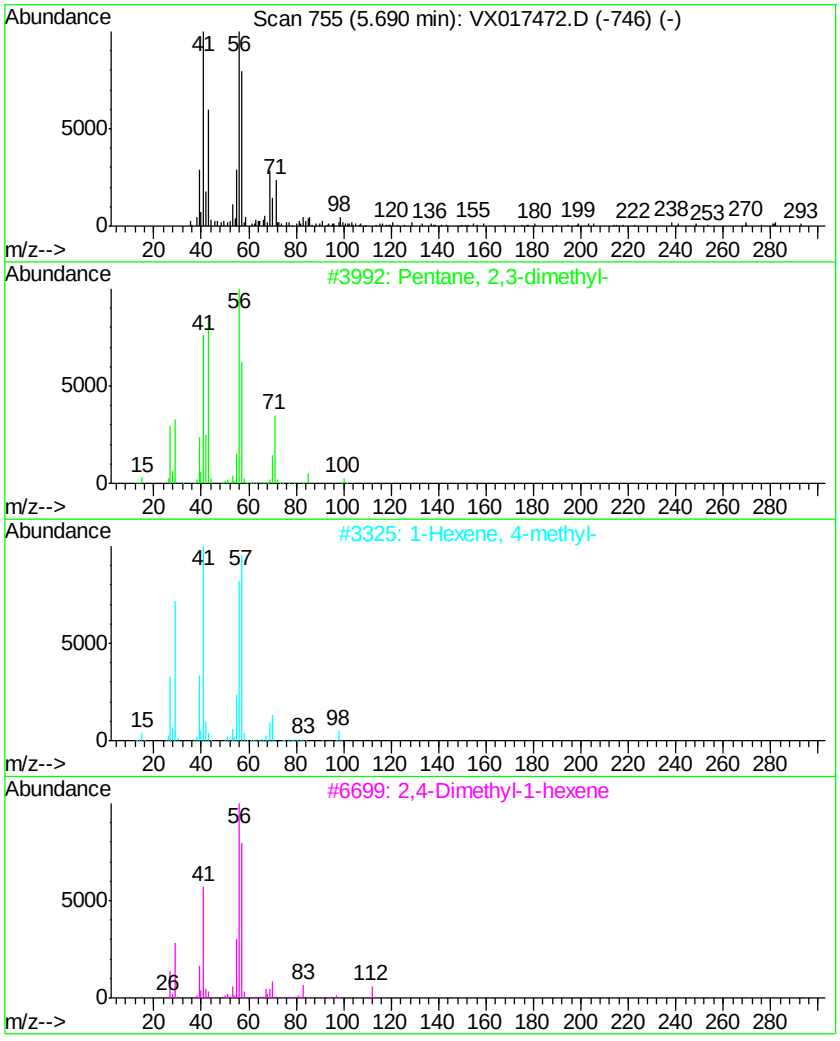
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

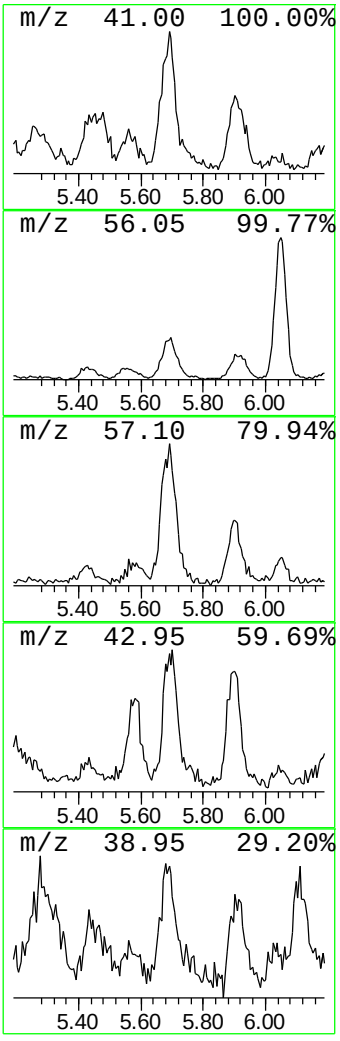
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	0.61 ug/L	138440	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
2	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	58
3	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	53
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	53
5	Octane, 3-methyl-	128	C9H20	002216-33-3	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

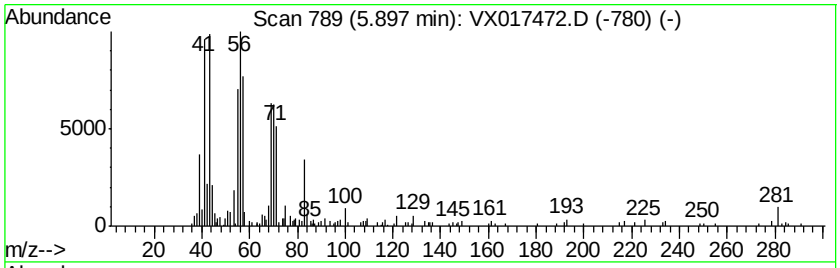
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

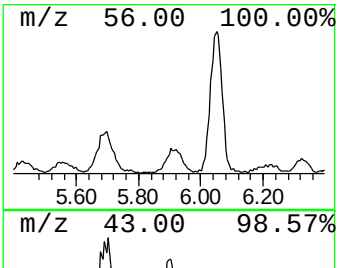
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	0.66 ug/L	151896	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylpentyl cyclopropane	126	C9H18	006976-28-9	58
2	1-Pentene, 3,4-dimethyl-	98	C7H14	007385-78-6	50
3	4-Nonene, 5-methyl-	140	C10H20	015918-07-7	47
4	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	47
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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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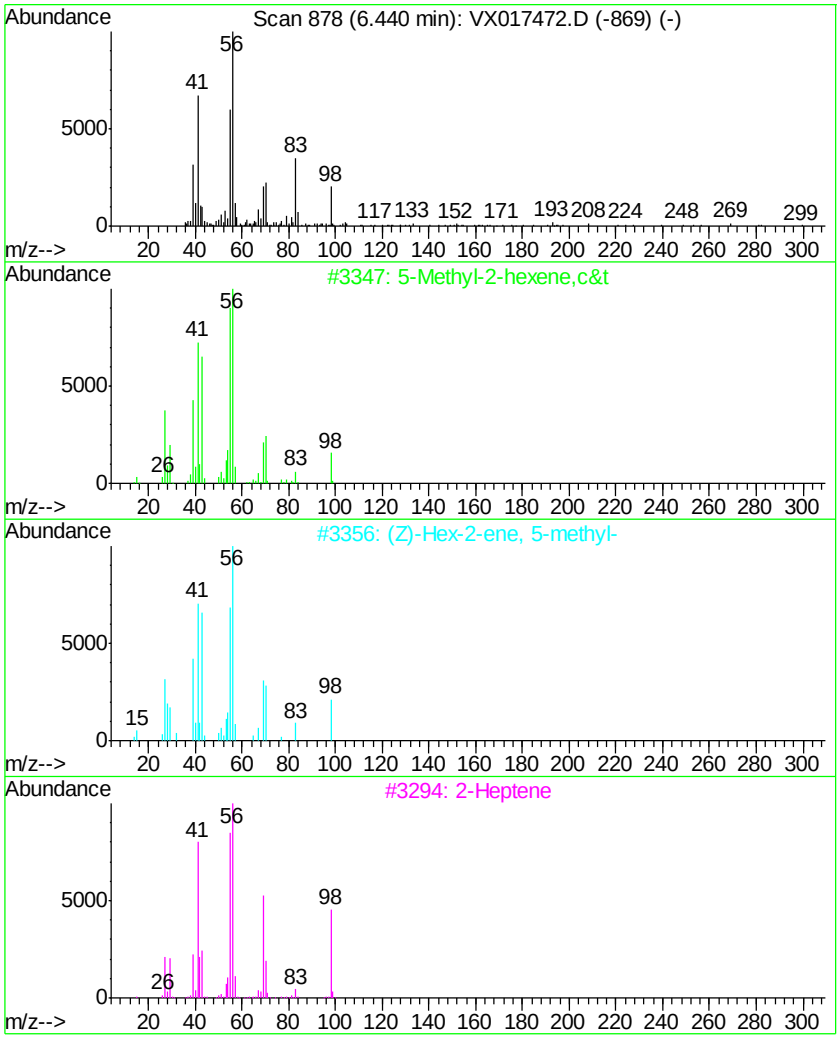
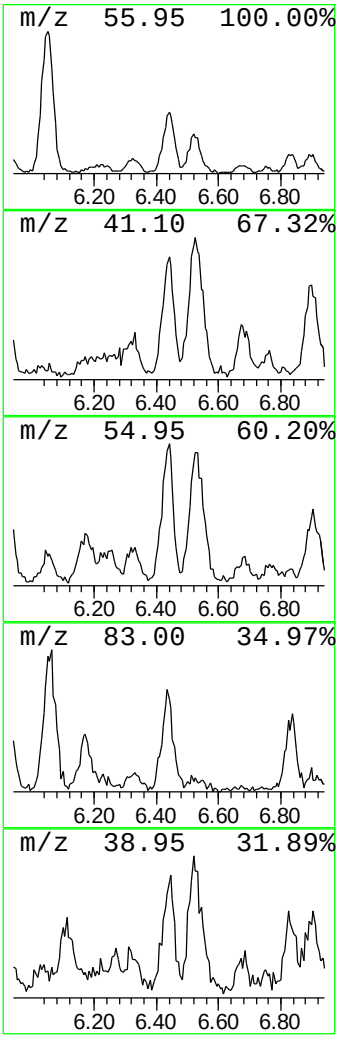
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	0.83 ug/L	190080	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	72
2	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	60
3	2-Heptene	98	C7H14	000592-77-8	59
4	3-Heptene, (E)-	98	C7H14	014686-14-7	59
5	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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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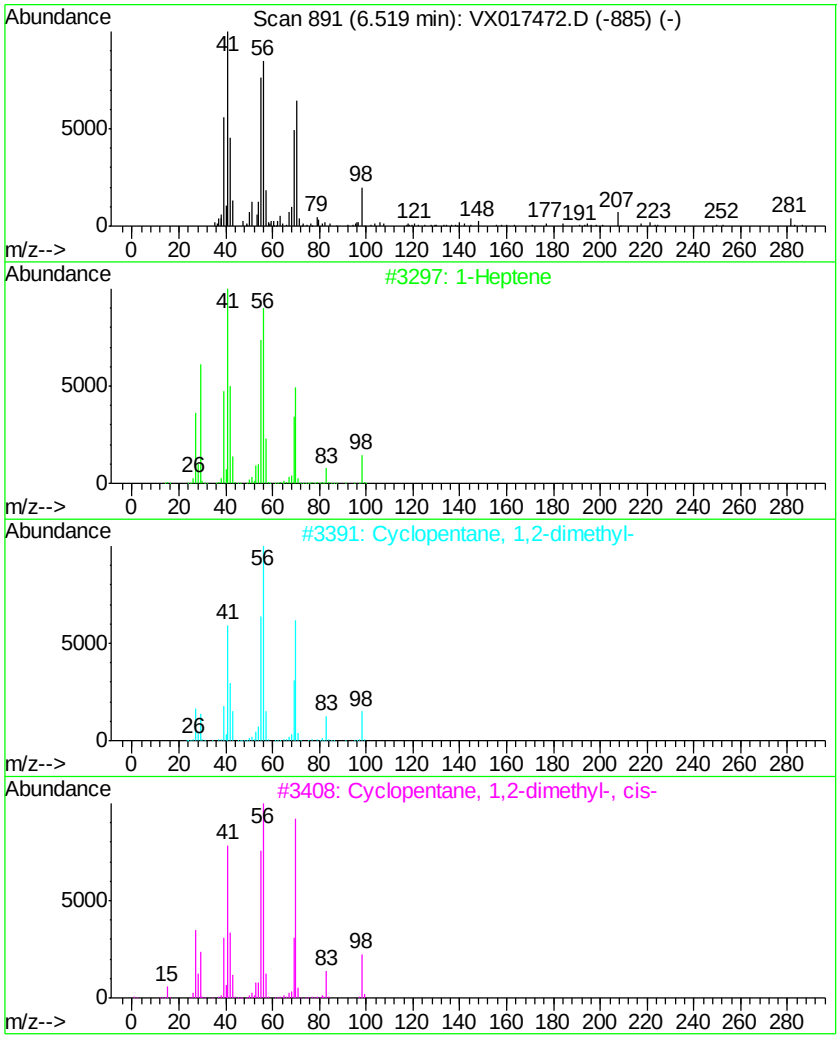
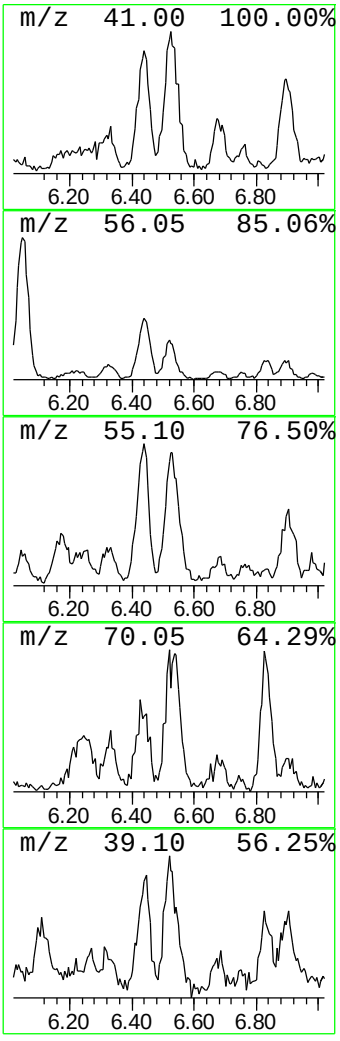
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	0.82 ug/L	188083	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene	98	C7H14	000592-76-7	91
2	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	64
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	58
4	Isopropylcyclobutane	98	C7H14	000872-56-0	58
5	Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

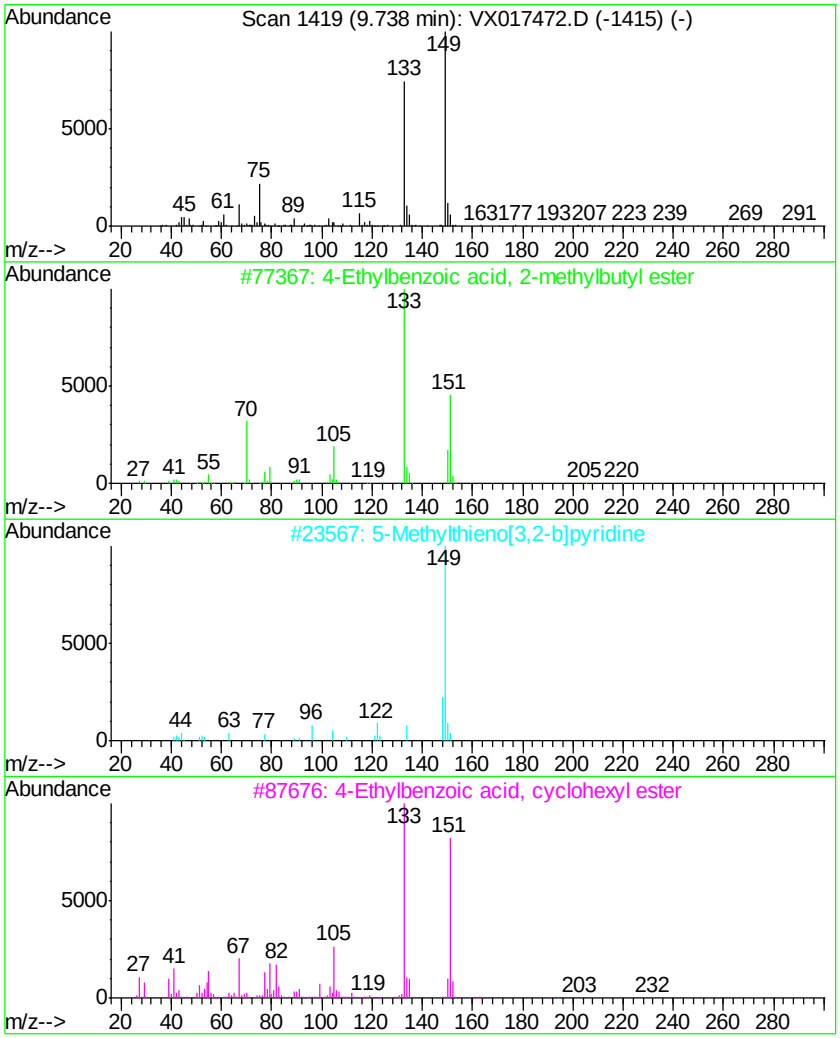
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

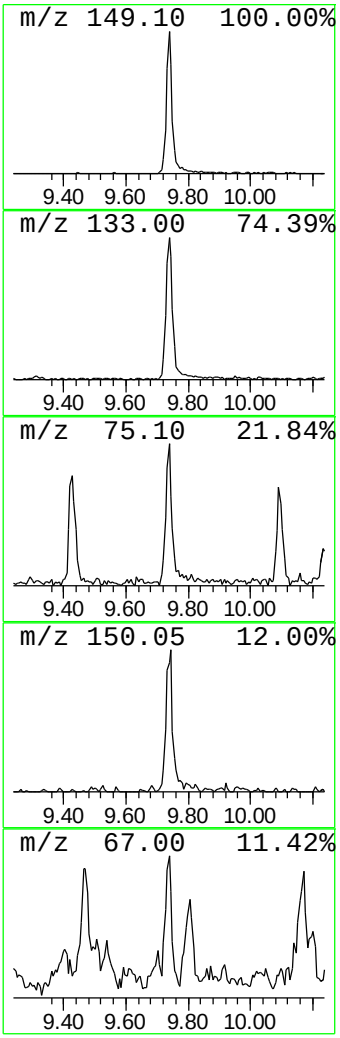
****

Peak Number 26 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	0.66 ug/L	174009	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid, 2-methylbut...	220	C14H20O2	1000331-30-8	35
2	5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	35
3	4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	35
4	Phthalic acid, 2-chloropropyl he...	480	C28H45ClO4	1000356-83-8	27
5	Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	27





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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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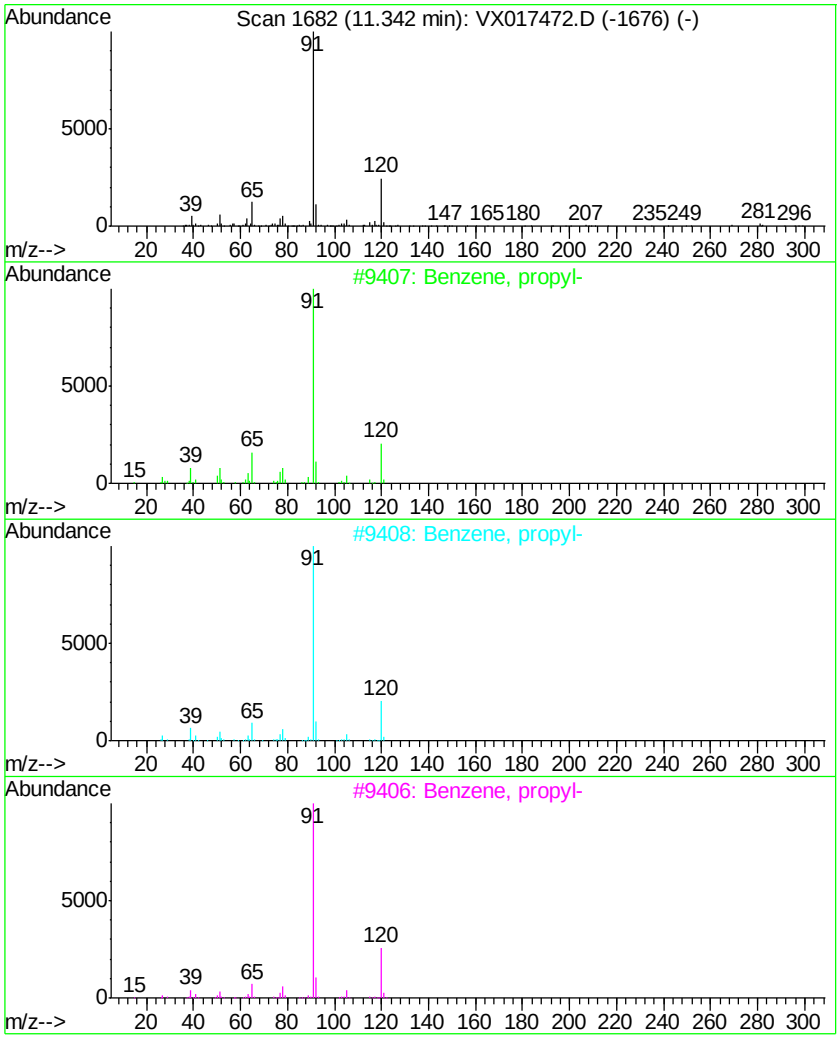
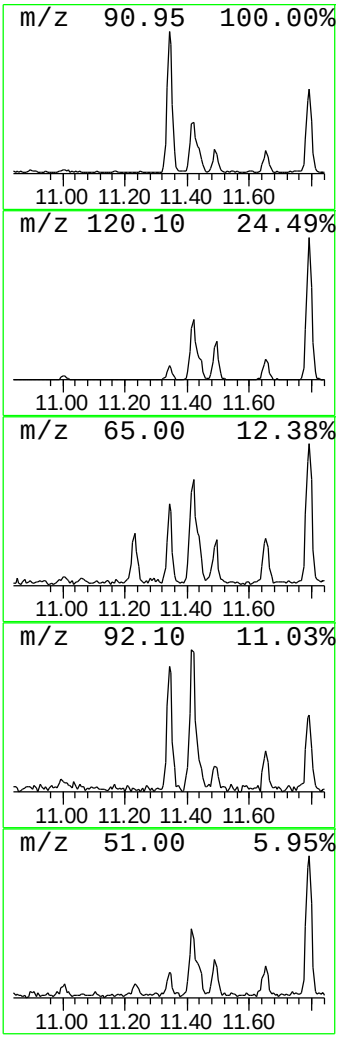
Peak Number 27 Benzene, propyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.55 ug/L	149087	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	74
4	n-Butylbenzylamine	163	C11H17N	002403-22-7	64
5	.beta.-Alanine, N-(phenylmethyl)...	207	C12H17NO2	023583-21-3	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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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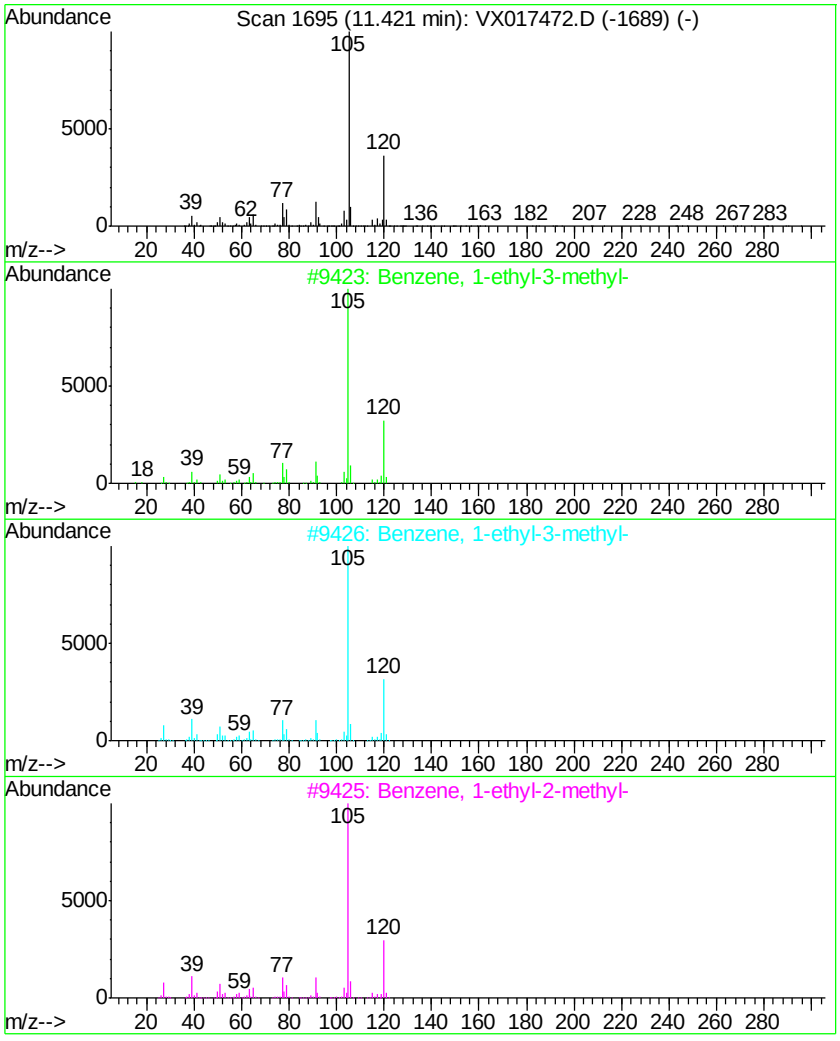
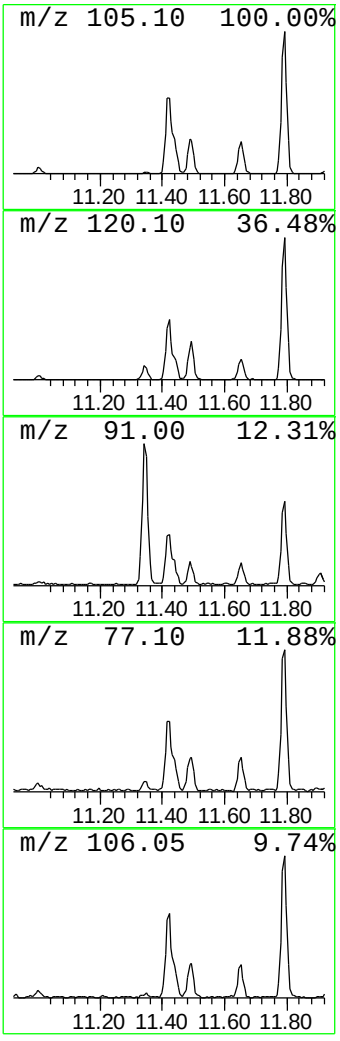
Peak Number 28 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.74 ug/L	740702	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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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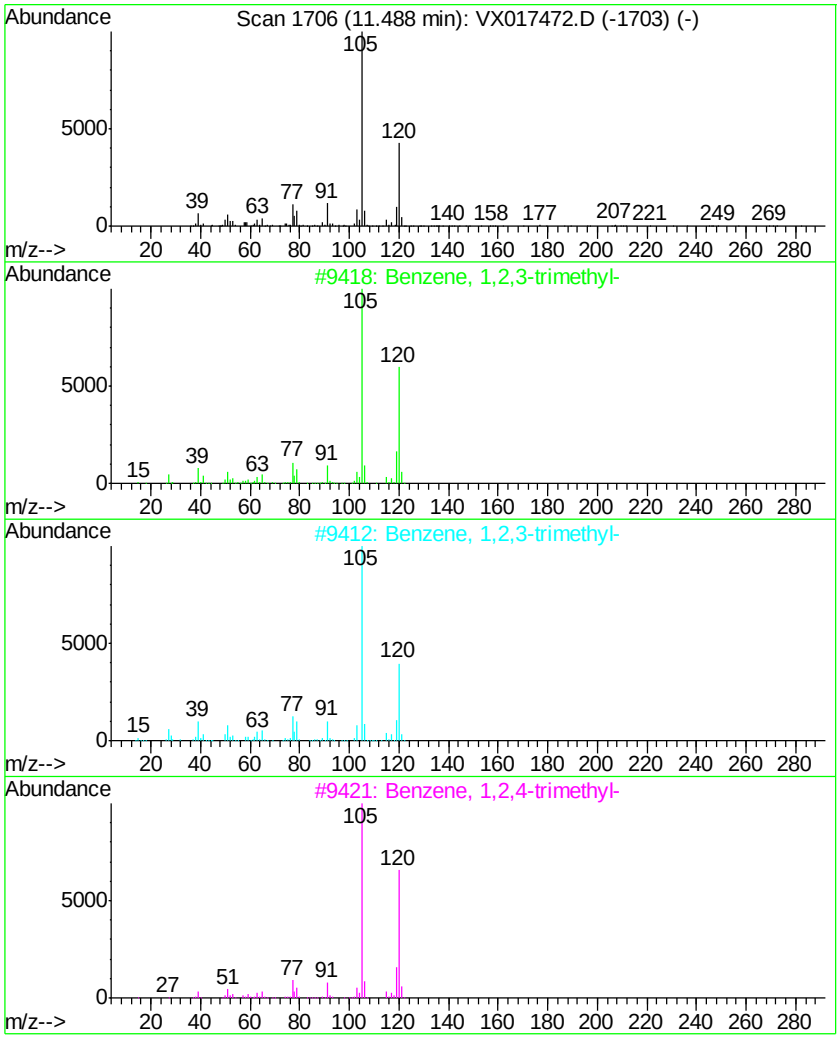
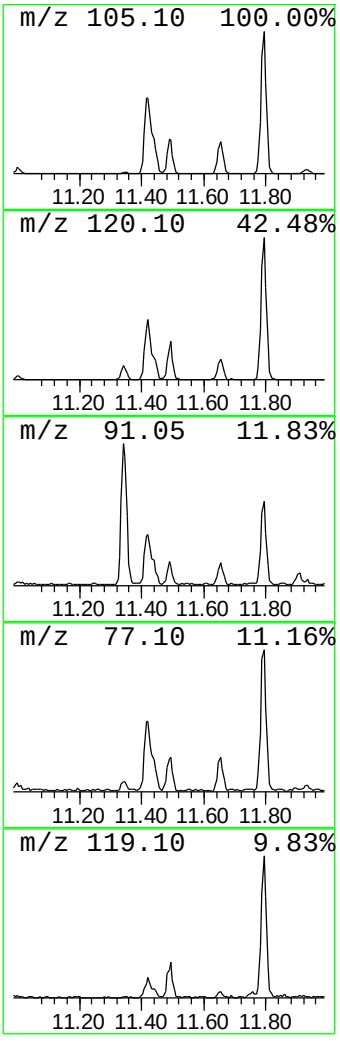
Peak Number 29 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	0.98 ug/L	263663	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

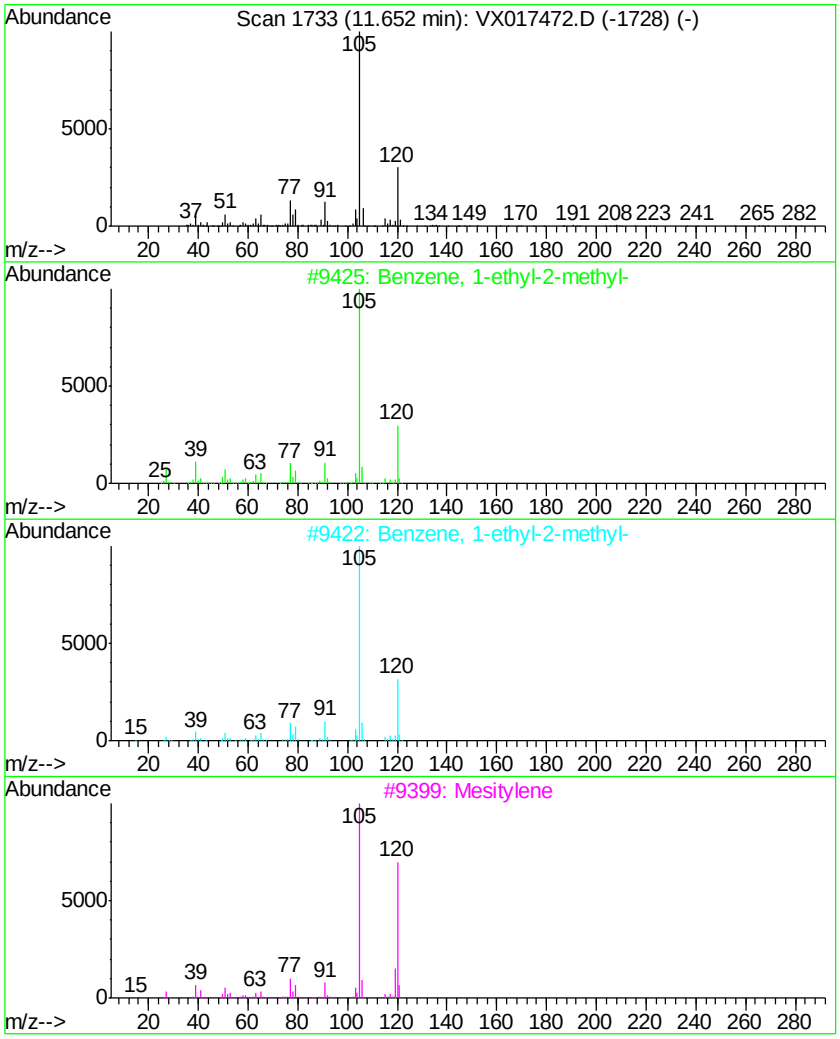
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

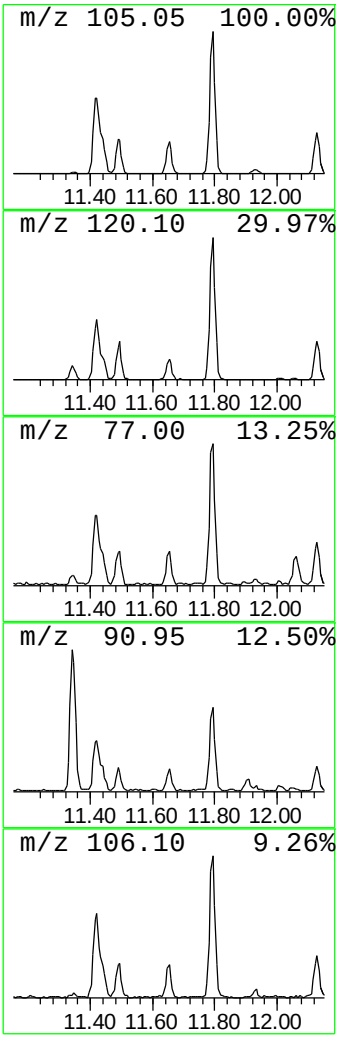
****

Peak Number 30 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.82 ug/L	221041	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

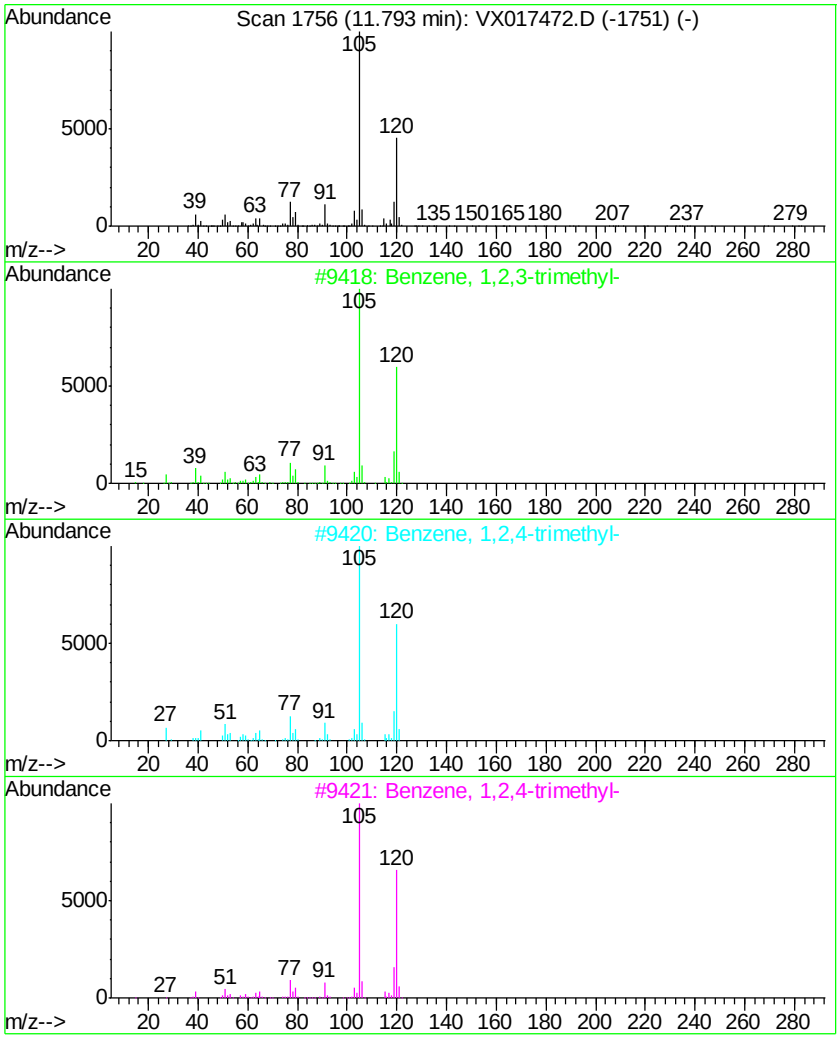
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

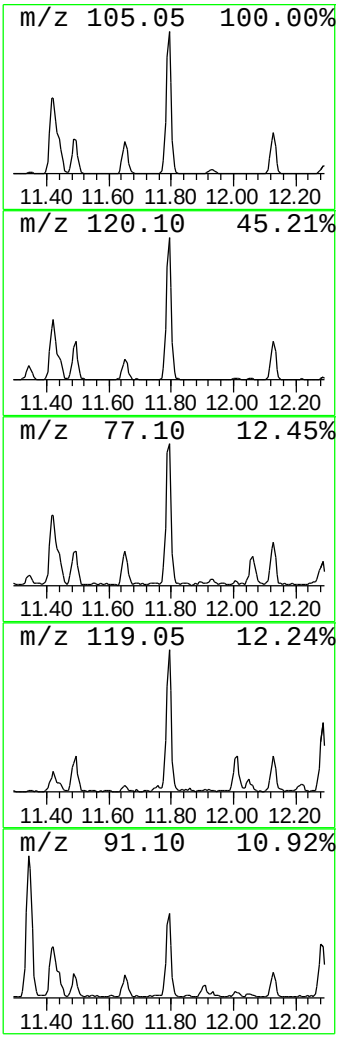
****

Peak Number 31 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.59 ug/L	969873	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

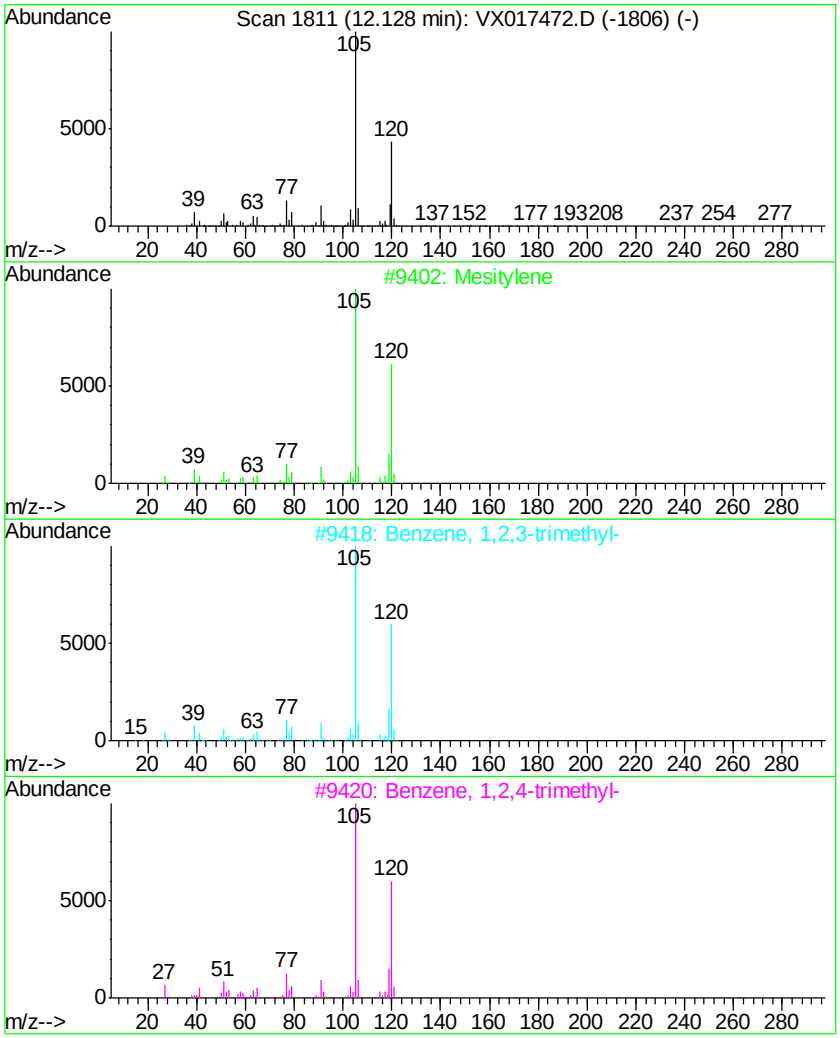
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

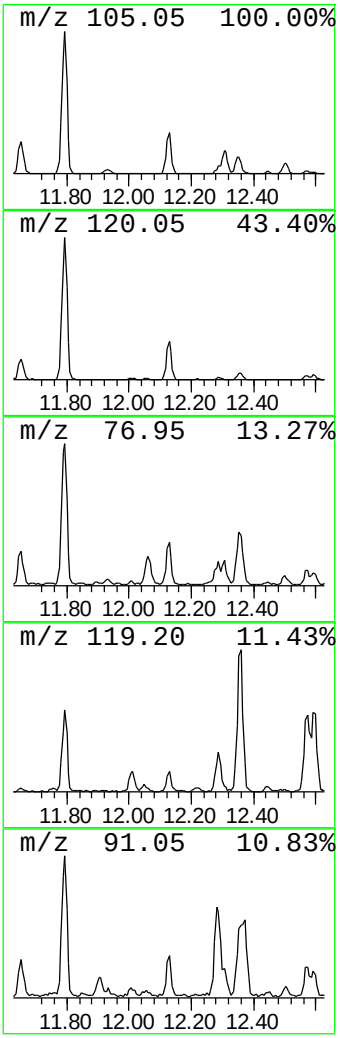
****

Peak Number 32 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	1.02 ug/L	275099	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

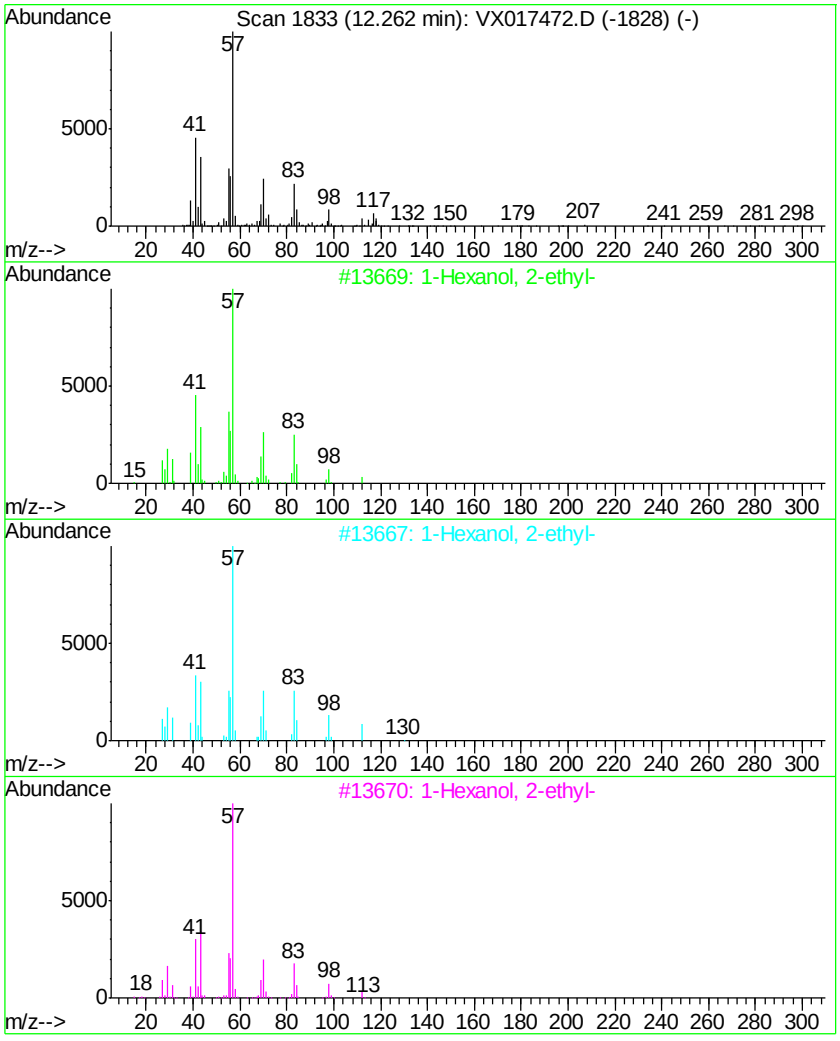
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

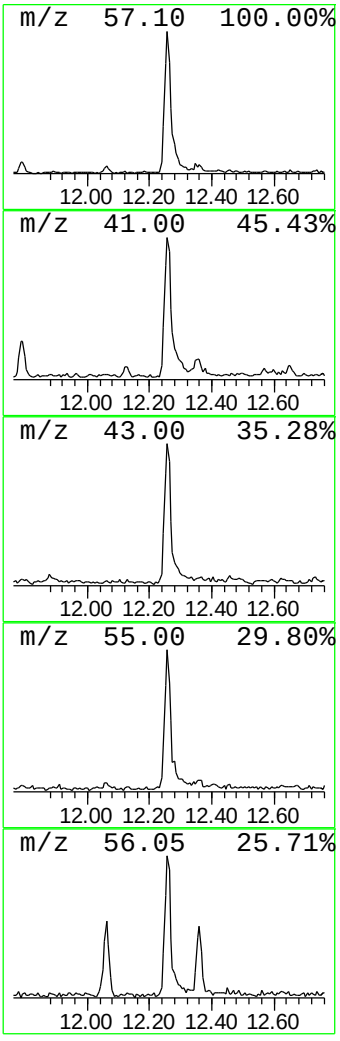
****

Peak Number 33 1-Hexanol, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	1.30 ug/L	352109	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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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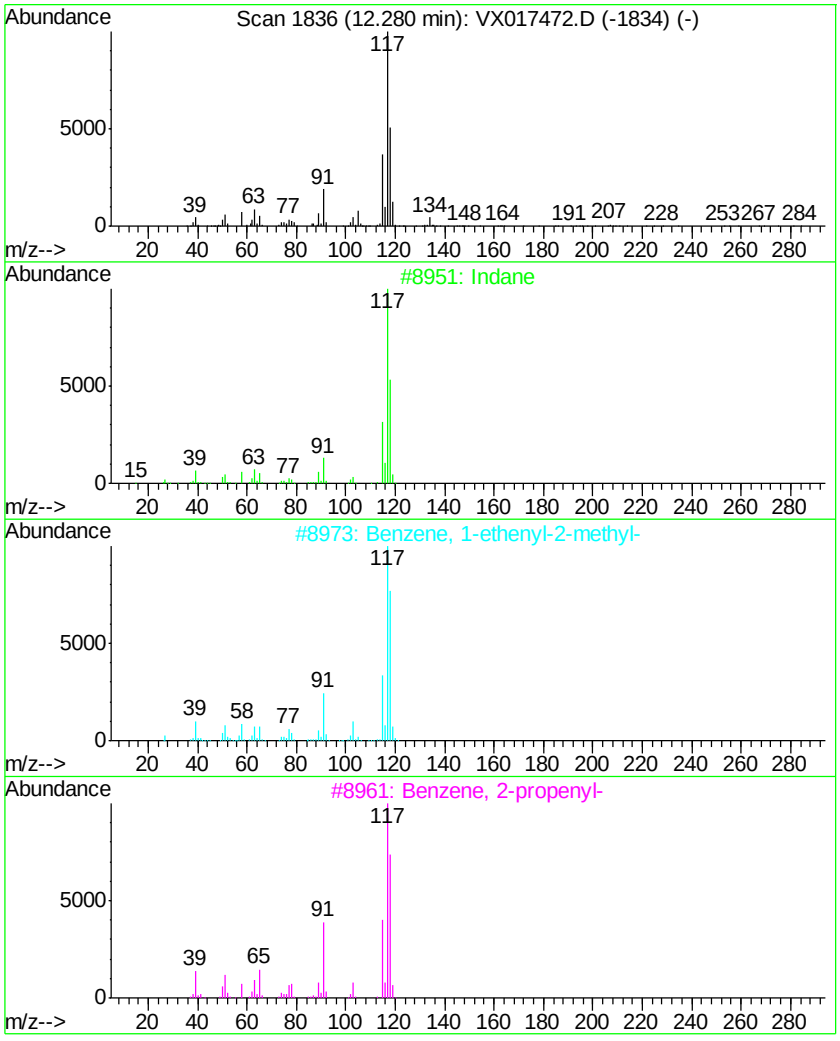
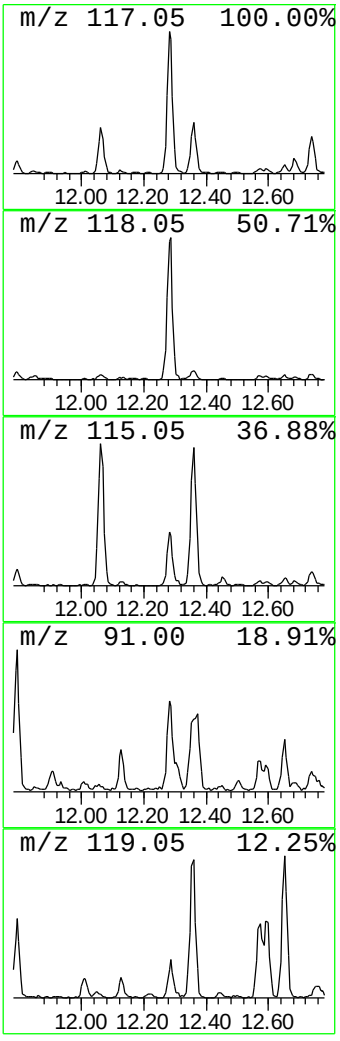
Peak Number 34 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	1.24 ug/L	335358	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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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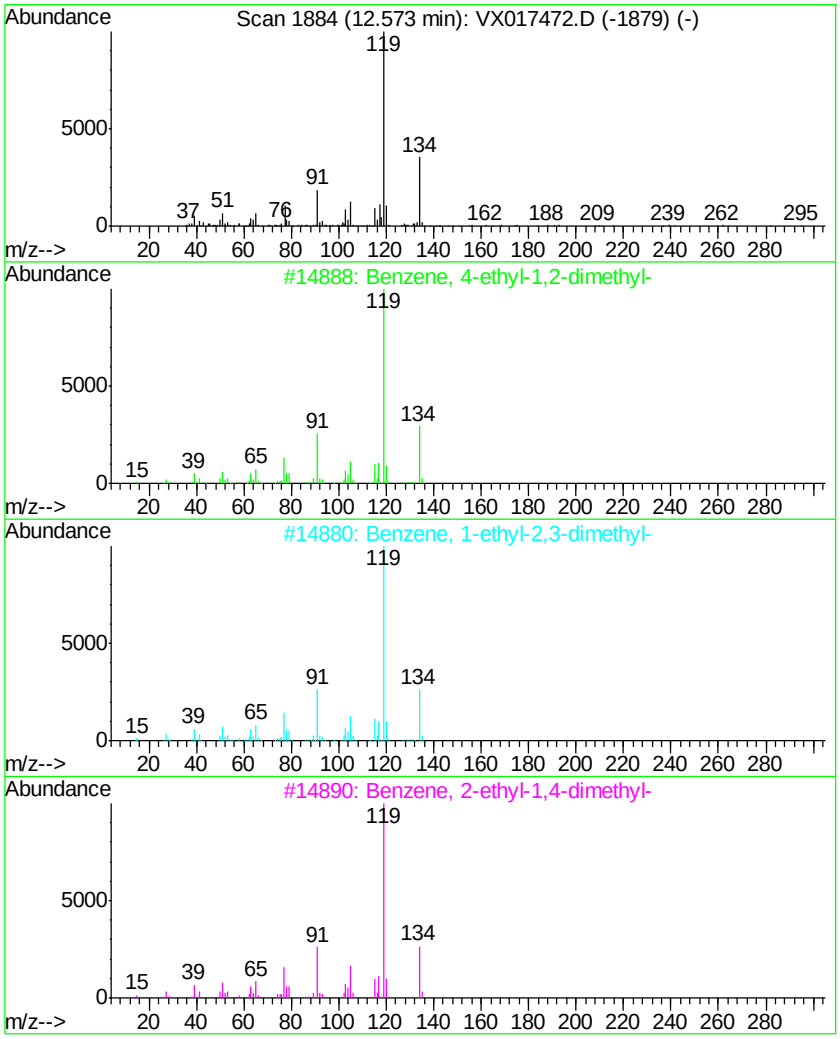
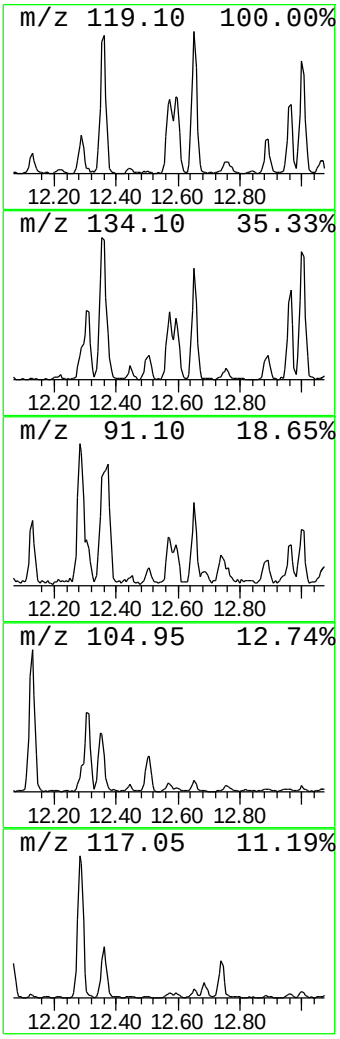
Peak Number 35 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	0.54 ug/L	145585	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

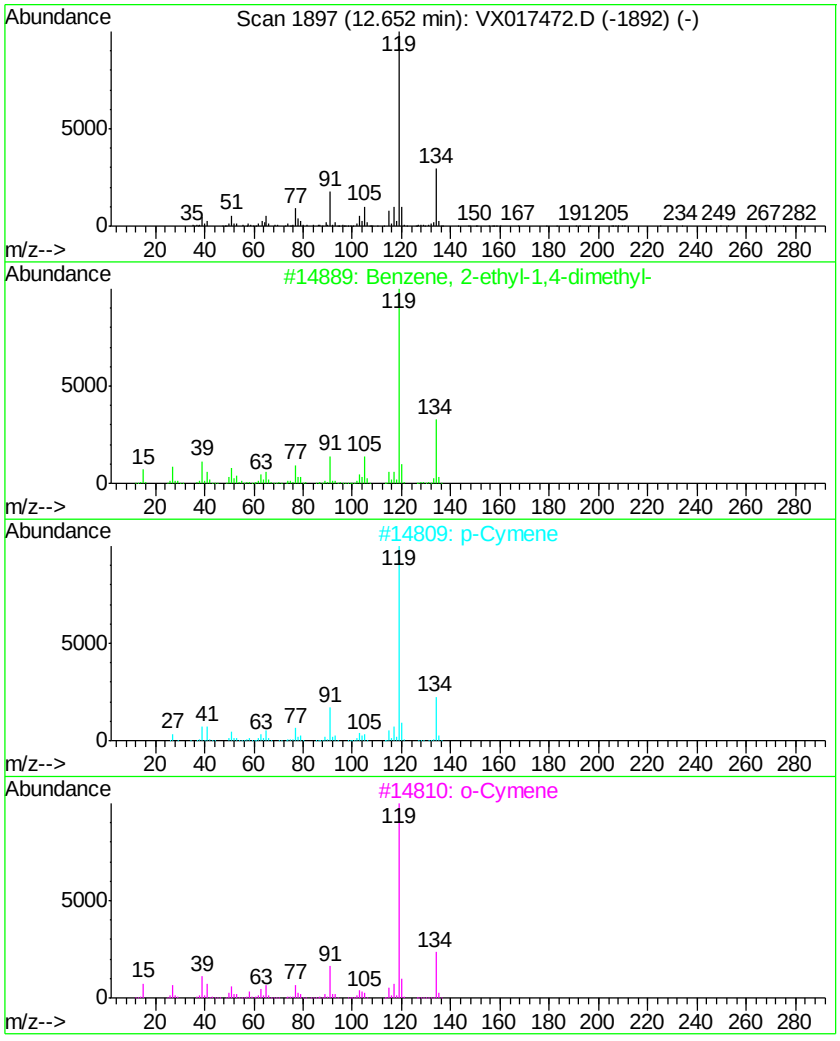
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

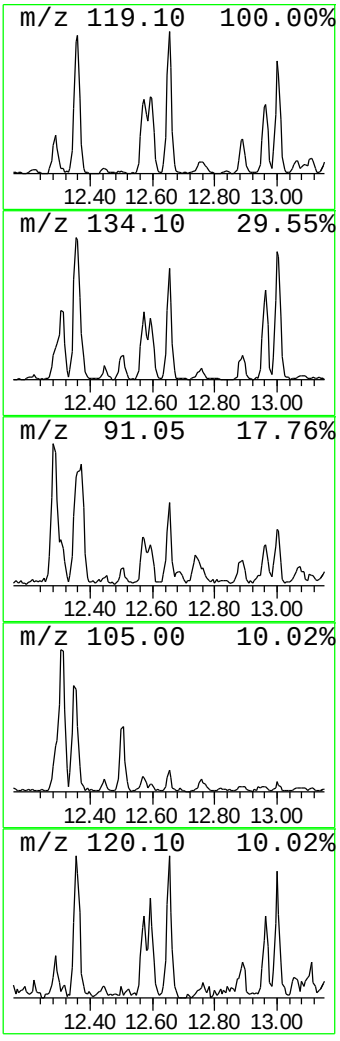
****

Peak Number 36 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	0.71 ug/L	191985	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

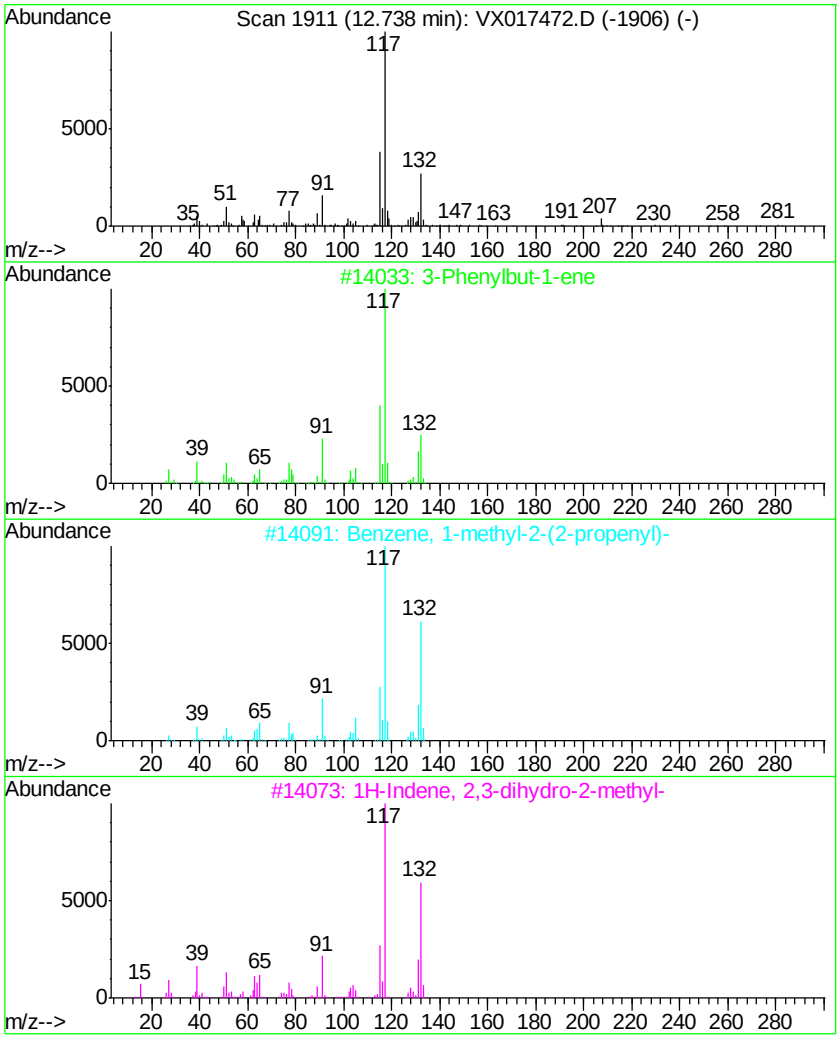
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

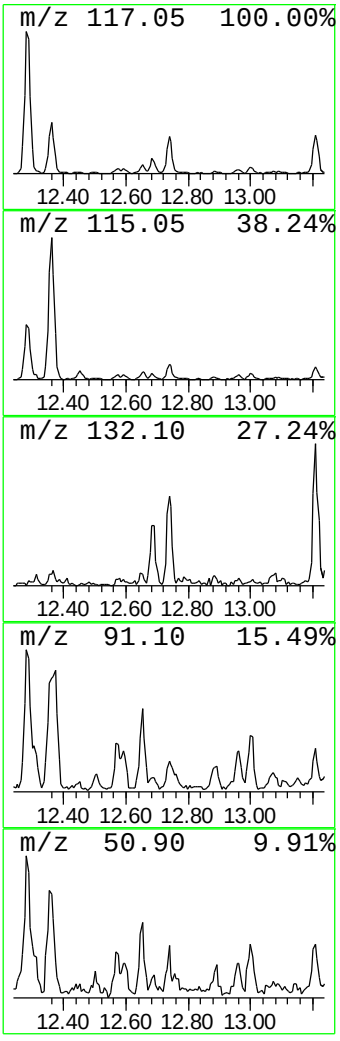
****

Peak Number 37 3-Phenylbut-1-ene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	0.53 ug/L	141880	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	72
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	72
5	Indan, 1-methyl-	132	C10H12	000767-58-8	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

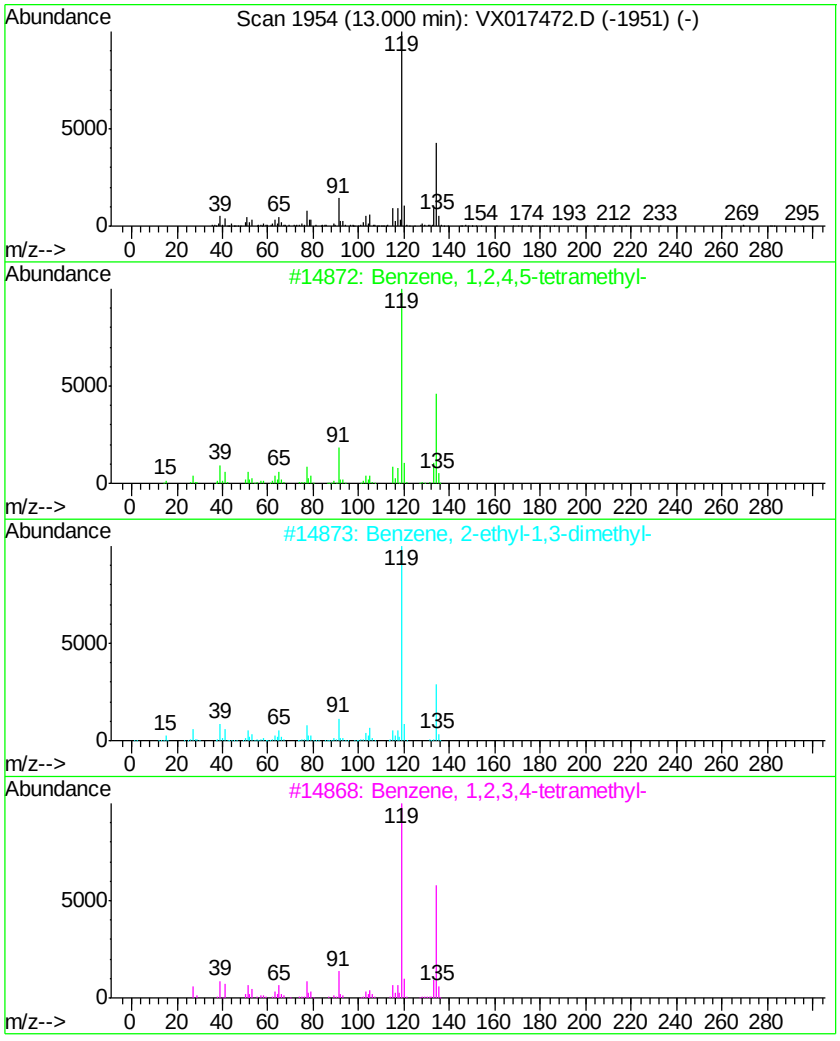
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

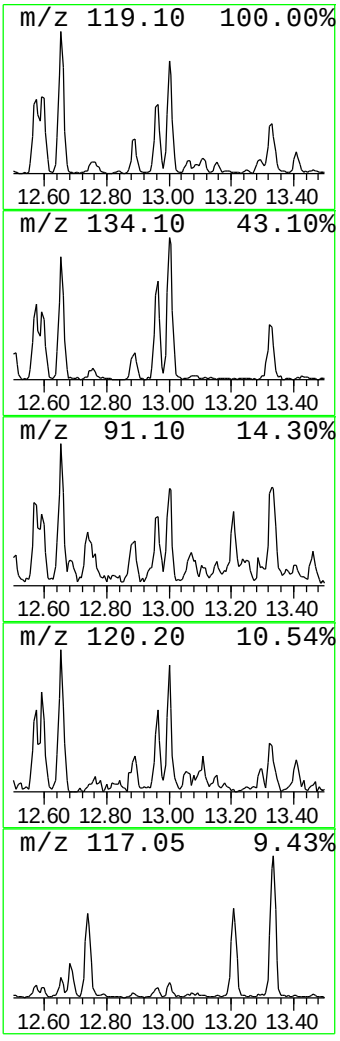
****

Peak Number 38 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	0.66 ug/L	179319	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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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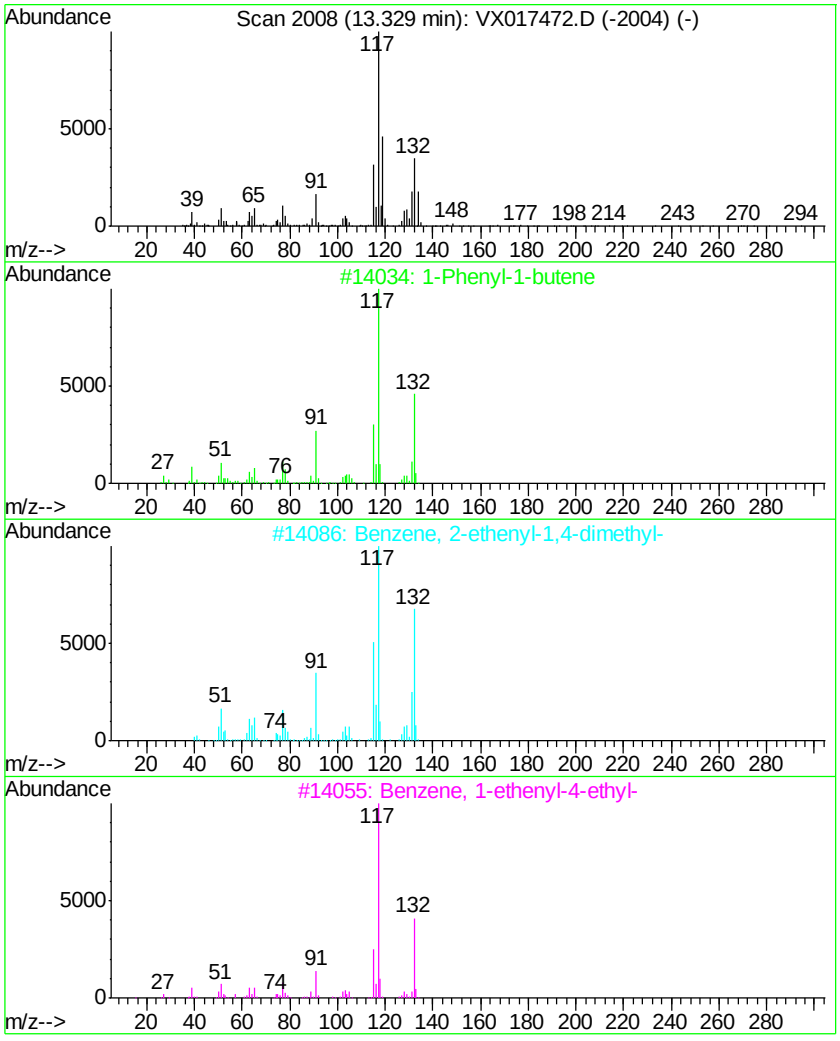
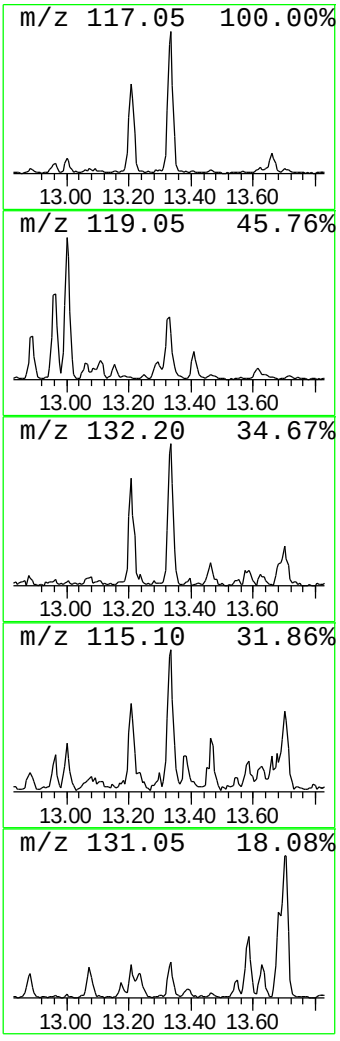
Peak Number 39 1-Phenyl-1-butene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	0.97 ug/L	263316	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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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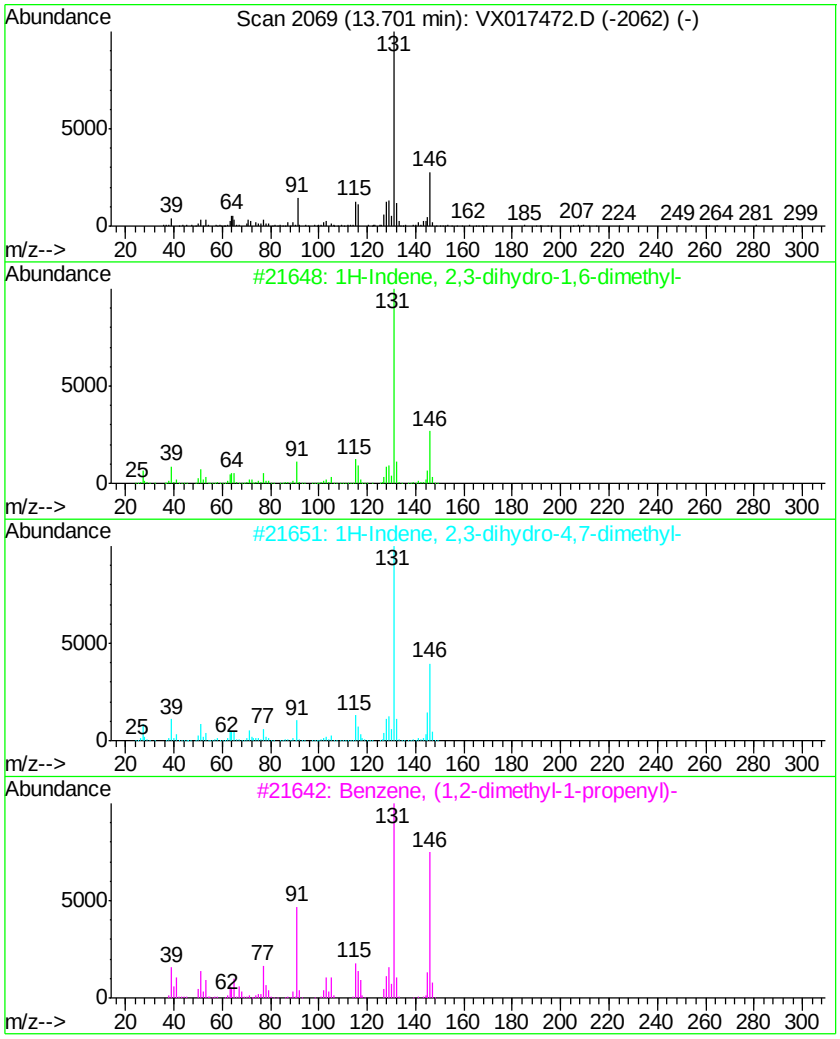
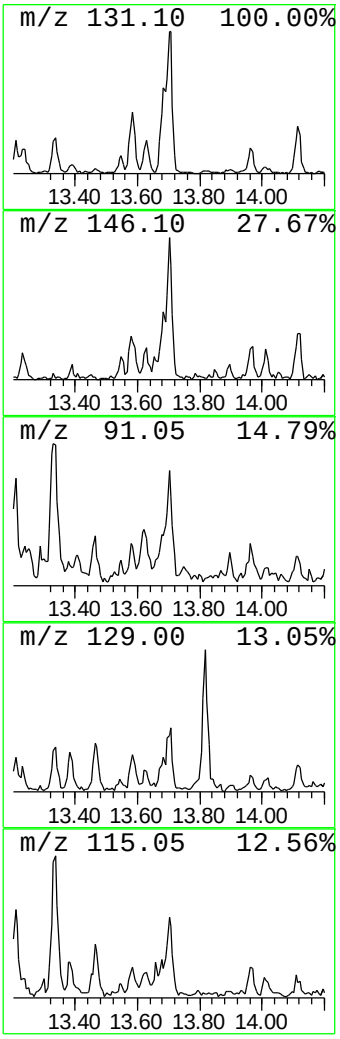
Peak Number 40 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	0.91 ug/L	244731	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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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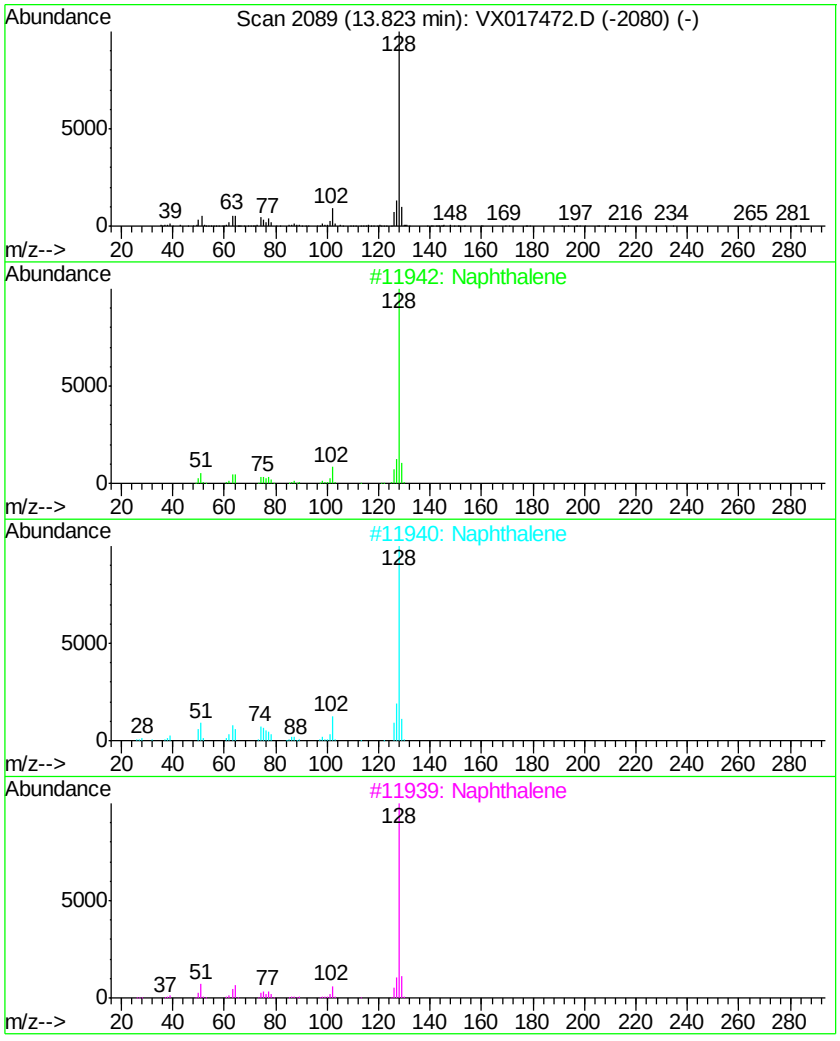
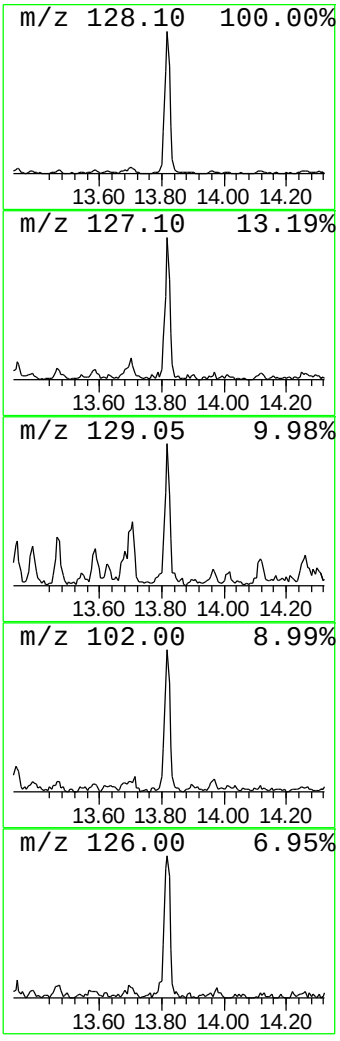
Peak Number 41 Azulene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	1.10 ug/L	297469	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Naphthalene	128	C10H8	000091-20-3	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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

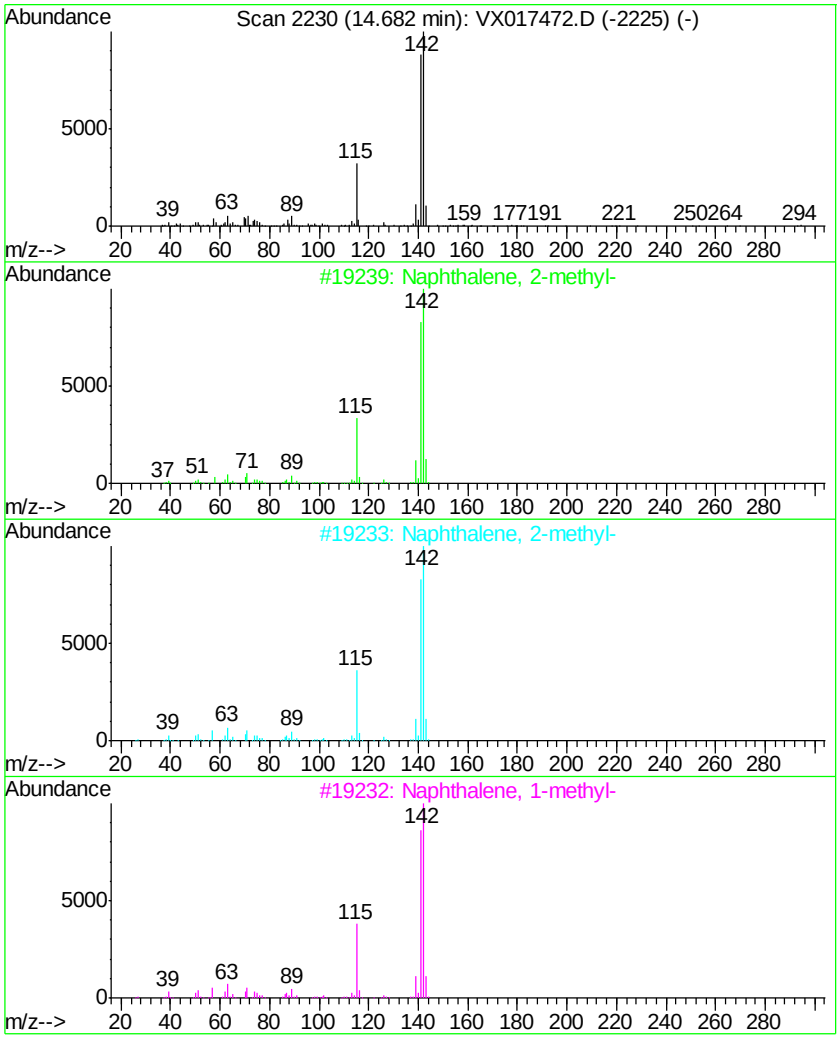
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

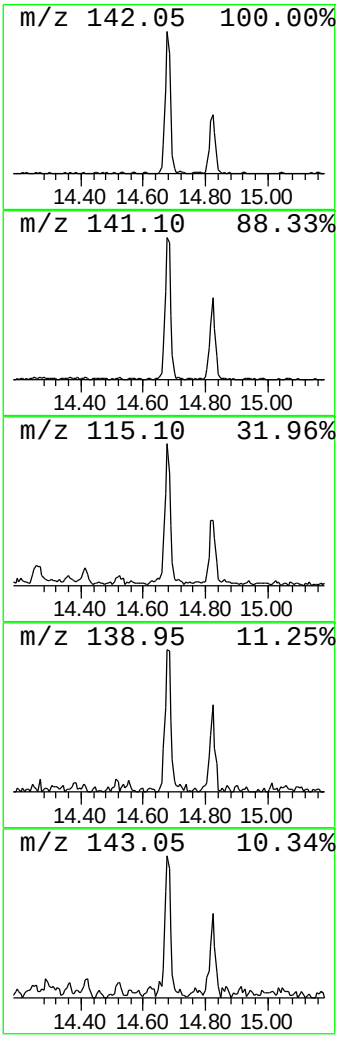
****

Peak Number 42 Naphthalene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	0.78 ug/L	209506	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072220\
Data File : VX017472.D
Acq On : 22 Jul 2020 17:54
Operator : JC/SP
Sample : L3395-13
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GAY21

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...	1.16	19.6	ug/L	4466430	1	6.83	1142160	5.0
(DEL) Alkane: Str...	1.28	0.9	ug/L	209671	1	6.83	1142160	5.0
(DEL) Alkane: Str...	1.52	1.7	ug/L	391376	1	6.83	1142160	5.0
(DEL) Alkane: Str...	1.78	1.9	ug/L	432091	1	6.83	1142160	5.0
(DEL) Alkane: Cyc...	1.93	3.5	ug/L	789129	1	6.83	1142160	5.0
(DEL) Alkane: Str...	2.00	4.0	ug/L	902941	1	6.83	1142160	5.0
(DEL) Alkane: Str...	2.10	0.9	ug/L	214476	1	6.83	1142160	5.0
(DEL) Alkane: Cyc...	2.20	1.7	ug/L	380425	1	6.83	1142160	5.0
(DEL) Alkane: Cyc...	2.25	0.7	ug/L	164747	1	6.83	1142160	5.0
Isopropyl Alcohol	2.58	0.6	ug/L	137340	1	6.83	1142160	5.0
1,3-Cyclopentadiene	2.64	0.8	ug/L	175558	1	6.83	1142160	5.0
(DEL) Alkane: Cyc...	2.91	1.1	ug/L	263003	1	6.83	1142160	5.0
(DEL) Alkane: Str...	3.15	0.9	ug/L	209085	1	6.83	1142160	5.0
(DEL) Alkane: Str...	3.39	2.7	ug/L	610877	1	6.83	1142160	5.0
(DEL) Alkane: Str...	3.50	0.7	ug/L	159508	1	6.83	1142160	5.0
(DEL) Alkane: Str...	3.64	0.5	ug/L	122641	1	6.83	1142160	5.0
(DEL) Alkane: Str...	4.01	1.0	ug/L	223759	1	6.83	1142160	5.0
Ethyl Acetate	4.79	23.9	ug/L	5463500	1	6.83	1142160	5.0
unknown-01	5.29	0.9	ug/L	203010	1	6.83	1142160	5.0
(DEL) Alkane: Str...	5.69	0.6	ug/L	138440	1	6.83	1142160	5.0
(DEL) Alkane: Str...	5.90	0.7	ug/L	151896	1	6.83	1142160	5.0
(DEL) Alkane: Str...	6.44	0.8	ug/L	190080	1	6.83	1142160	5.0
(DEL) Alkane: Str...	6.52	0.8	ug/L	188083	1	6.83	1142160	5.0
unknown-02	9.74	0.7	ug/L	174009	2	10.10	1323630	5.0
Benzene, propyl-	11.34	0.6	ug/L	149087	3	12.06	1350640	5.0
Benzene, 1-ethyl-...	11.42	2.7	ug/L	740702	3	12.06	1350640	5.0
Benzene, 1,2,3-tr...	11.49	1.0	ug/L	263663	3	12.06	1350640	5.0
Benzene, 1-ethyl-...	11.65	0.8	ug/L	221041	3	12.06	1350640	5.0
Benzene, 1,2,4-tr...	11.79	3.6	ug/L	969873	3	12.06	1350640	5.0
Mesitylene	12.13	1.0	ug/L	275099	3	12.06	1350640	5.0
1-Hexanol, 2-ethyl-	12.26	1.3	ug/L	352109	3	12.06	1350640	5.0
Indane	12.28	1.2	ug/L	335358	3	12.06	1350640	5.0
Benzene, 4-ethyl-...	12.57	0.5	ug/L	145585	3	12.06	1350640	5.0
Benzene, 2-ethyl-...	12.65	0.7	ug/L	191985	3	12.06	1350640	5.0
3-Phenylbut-1-ene	12.74	0.5	ug/L	141880	3	12.06	1350640	5.0
Benzene, 1,2,4,5-...	13.00	0.7	ug/L	179319	3	12.06	1350640	5.0
1-Phenyl-1-butene	13.33	1.0	ug/L	263316	3	12.06	1350640	5.0
1H-Indene, 2,3-di...	13.70	0.9	ug/L	244731	3	12.06	1350640	5.0
Azulene	13.82	1.1	ug/L	297469	3	12.06	1350640	5.0
Naphthalene, 1-me...	14.68	0.8	ug/L	209506	3	12.06	1350640	5.0