LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

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\SOMXTR100220WMA.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	1.386	43	49	53	rBV	45692	47933	1.62%	0.252%
2	1.453	53	60	65	rBV2	36761	132693	4.49%	0.699%
3	1.696	96	100	106	rVB	41063	50899	1.72%	0.268%
4	2.343	198	206	216	rVB	83024	138564	4.69%	0.730%
5	2.824	277	285	286	rBV	65736	106630	3.61%	0.562%
6	2.867	286	292	302	rVB	359306	759485	25.70%	4.000%
7	3.147	327	338	355	rBV	649870	1451385	49.12%	7.645%
8	3.495	386	395	411	rBV	1323452	2954736	100.00%	15.563%
9	4.111	485	496	511	rBV	96684	301329	10.20%	1.587%
10	4.275	513	523	530	rBV3	82687	245311	8.30%	1.292%
11	4.367	530	538	552	rVB2	287840	840483	28.45%	4.427%
12	4.556	554	569	581	rBV2	40268	175888	5.95%	0.926%
13	5.135	652	664	686	rBV2	59053	195912	6.63%	1.032%
14	5.549	723	732	743	rBV4	21722	68427	2.32%	0.360%
15	6.043	801	813	831	rBV3	129720	391088	13.24%	2.060%
16	6.824	929	941	950	rBV	135193	364380	12.33%	1.919%
17	7.153	986	995	1011	rVB6	38175	127701	4.32%	0.673%
18	7.366	1021	1030	1036	rBV	84917	186112	6.30%	0.980%
19	7.823	1098	1105	1114	rVB4	20678	45783	1.55%	0.241%
20	8.006	1125	1135	1147	rBV5	26327	64007	2.17%	0.337%
21	8.238	1166	1173	1176	rBV3	19852	37624	1.27%	0.198%
22	8.323	1183	1187	1189	rVV	36743	55015	1.86%	0.290%
23	8.366	1189	1194	1200	rVB3	98937	181472	6.14%	0.956%
24	8.482	1208	1213	1216	rBV	36051	55276	1.87%	0.291%
25	8.555	1221	1225	1233	rVB2	24835	51242	1.73%	0.270%
26	8.646	1233	1240	1243	rBV2	112140	211769	7.17%	1.115%
27	8.695	1243	1248	1256	rVB	218689	386938	13.10%	2.038%
28	8.817	1262	1268	1273	rBV	94435	160288	5.42%	0.844%
29	8.951	1285	1290	1294	rBV	84651	135007	4.57%	0.711%
30	9.018	1294	1301	1309	rVV2	295518	533315	18.05%	2.809%
31	9.146	1312	1322	1327	rBV	89492	151774	5.14%	0.799%
32	9.335	1346	1353	1357	rVB2	20717	37841	1.28%	0.199%
33	9.427	1362	1368	1377	rVV	340075	506453	17.14%	2.668%
34	9.549	1381	1388	1393	rVV3	72749	148489	5.03%	0.782%

LSC Area Percent Report

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Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

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\SOMXTR100220WMA.M
Title : TRACE VOA SOM01.0

35	9.604	1393	1397	1401	rVV	59359	93735	3.17%	0.494%
36	9.658	1401	1406	1411	rVV	88845	142043	4.81%	0.748%
37	9.738	1415	1419	1424	rVV3	27996	44488	1.51%	0.234%
38	9.872	1434	1441	1449	rVV4	27752	72661	2.46%	0.383%
39	10.097	1473	1478	1479	rVV	316535	417162	14.12%	2.197%
40	10.122	1479	1482	1487	rVV	519097	705456	23.88%	3.716%
41	10.341	1509	1518	1524	rVV3	26192	67704	2.29%	0.357%
42	11.231	1657	1664	1674	rBV	101590	158650	5.37%	0.836%
43	11.420	1691	1695	1701	rVV2	31638	64690	2.19%	0.341%
44	11.493	1701	1707	1709	rVV2	24719	51060	1.73%	0.269%
45	11.652	1729	1733	1740	rVB5	18127	35492	1.20%	0.187%
46	11.792	1752	1756	1766	rVB	76867	110965	3.76%	0.584%
47	12.006	1783	1791	1795	rBV	130374	186140	6.30%	0.980%
48	12.060	1795	1800	1807	rVV2	332821	660355	22.35%	3.478%
49	12.127	1807	1811	1817	rVB3	23148	45705	1.55%	0.241%
50	12.207	1821	1824	1833	rVB8	15847	29594	1.00%	0.156%
51	12.304	1833	1840	1844	rBV2	71867	137374	4.65%	0.724%
52	12.359	1844	1849	1855	rVB2	370811	537372	18.19%	2.830%
53	12.463	1858	1866	1869	rBV4	38636	60718	2.05%	0.320%
54	12.505	1869	1873	1878	rVB	51153	75160	2.54%	0.396%
55	12.573	1878	1884	1885	rBV	70387	88831	3.01%	0.468%
56	12.591	1885	1887	1891	rVV	70264	79562	2.69%	0.419%
57	12.652	1893	1897	1905	rVB	143942	183420	6.21%	0.966%
58	12.762	1910	1915	1920	rVB4	70736	129521	4.38%	0.682%
59	12.835	1922	1927	1929	rBV2	39266	53748	1.82%	0.283%
60	12.890	1933	1936	1939	rVB	40913	46400	1.57%	0.244%
61	12.963	1939	1948	1951	rBV2	107714	198299	6.71%	1.044%
62	13.005	1951	1955	1961	rVB	173872	241351	8.17%	1.271%
63	13.060	1961	1964	1970	rBV2	63938	115244	3.90%	0.607%
64	13.152	1974	1979	1981	rBV3	22797	33042	1.12%	0.174%
65	13.200	1981	1987	1992	rVB5	60016	114094	3.86%	0.601%
66	13.292	1998	2002	2005	rBV3	88229	141882	4.80%	0.747%
67	13.335	2005	2009	2013	rVB2	119845	171968	5.82%	0.906%
68	13.414	2018	2022	2026	rVV2	77526	129185	4.37%	0.680%
69	13.463	2026	2030	2038	rVB7	47243	115172	3.90%	0.607%
70	13.548	2038	2044	2047	rBV2	34608	62608	2.12%	0.330%
71	13.621	2052	2056	2065	rBV3	130316	269228	9.11%	1.418%

LSC Area Percent Report

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Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

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\SOMXTR100220WMA.M
Title : TRACE VOA SOM01.0

72	13.719	2067	2072	2079	rBV4	48838	81179	2.75%	0.428%
73	13.883	2094	2099	2106	rVB4	82853	156148	5.28%	0.822%
74	13.969	2106	2113	2117	rBV3	58611	115109	3.90%	0.606%
75	14.115	2133	2137	2140	rBV2	60115	80008	2.71%	0.421%
76	14.255	2156	2160	2170	rVB3	69227	134059	4.54%	0.706%
77	14.359	2174	2177	2182	rVB2	49877	61646	2.09%	0.325%
78	14.414	2182	2186	2189	rBV	44662	51950	1.76%	0.274%
79	14.456	2189	2193	2199	rVB6	29502	50579	1.71%	0.266%
80	14.523	2199	2204	2209	rBV4	52531	105497	3.57%	0.556%
81	14.658	2222	2226	2228	rBV2	134199	183123	6.20%	0.965%
82	14.712	2233	2235	2240	rVB2	55086	62923	2.13%	0.331%
83	14.767	2240	2244	2247	rBV4	22794	34468	1.17%	0.182%
84	14.828	2250	2254	2257	rVV2	36953	60850	2.06%	0.321%
85	14.859	2257	2259	2262	rVV3	33549	50714	1.72%	0.267%
86	14.889	2262	2264	2269	rVV3	39493	44927	1.52%	0.237%
87	14.950	2271	2274	2280	rVB5	18189	34158	1.16%	0.180%
88	15.096	2291	2298	2301	rBV8	14892	32153	1.09%	0.169%
89	15.231	2315	2320	2322	rBV2	67769	103458	3.50%	0.545%
90	15.426	2347	2352	2355	rBV	30124	46855	1.59%	0.247%
91	15.462	2355	2358	2364	rVB7	21948	37535	1.27%	0.198%
92	15.529	2364	2369	2374	rBV	54175	86996	2.94%	0.458%
93	15.670	2387	2392	2395	rVV	54490	98915	3.35%	0.521%
94	15.706	2395	2398	2407	rVB	32858	59413	2.01%	0.313%
95	16.145	2465	2470	2477	rBV7	19208	41575	1.41%	0.219%

Sum of corrected areas: 18985566

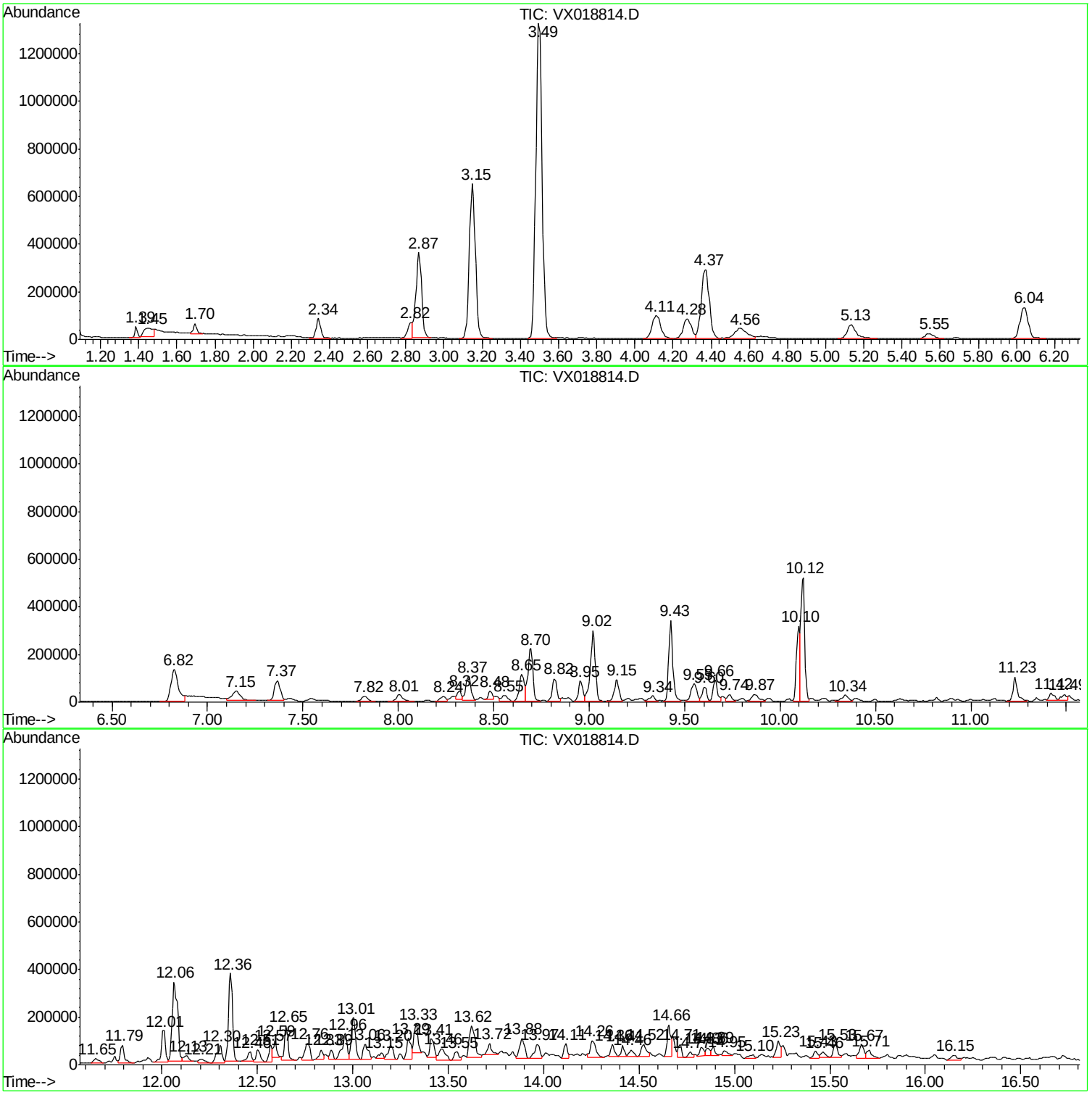
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

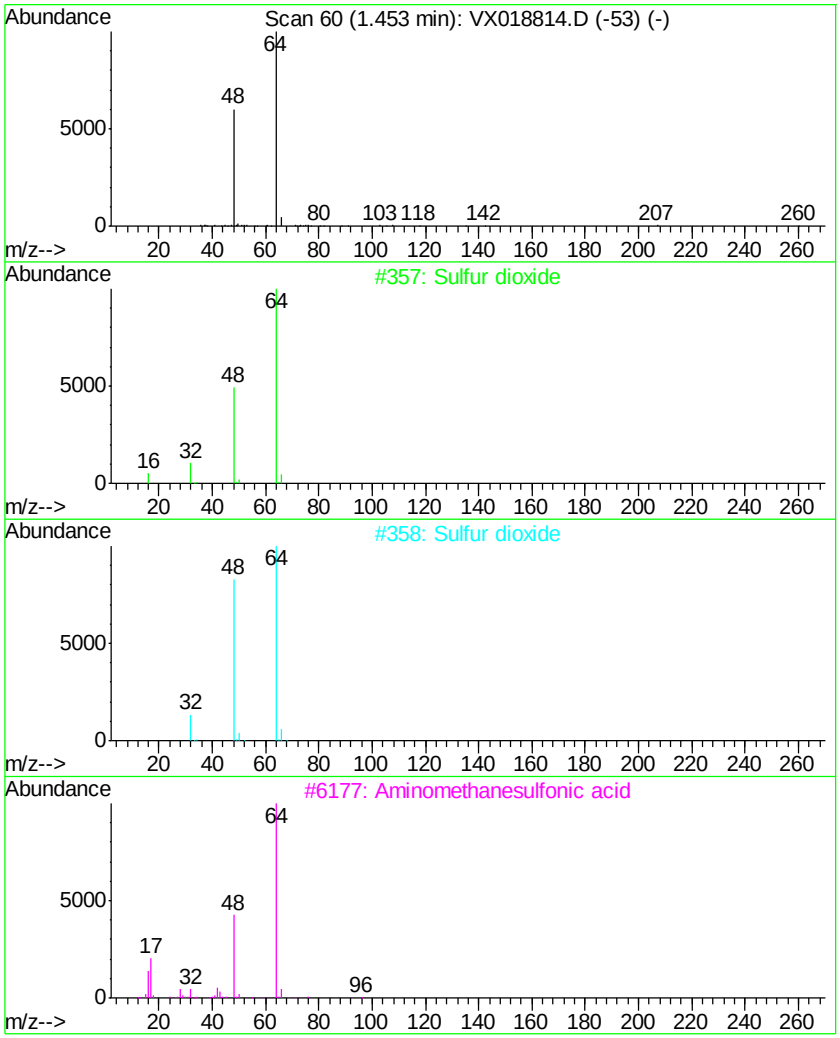
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

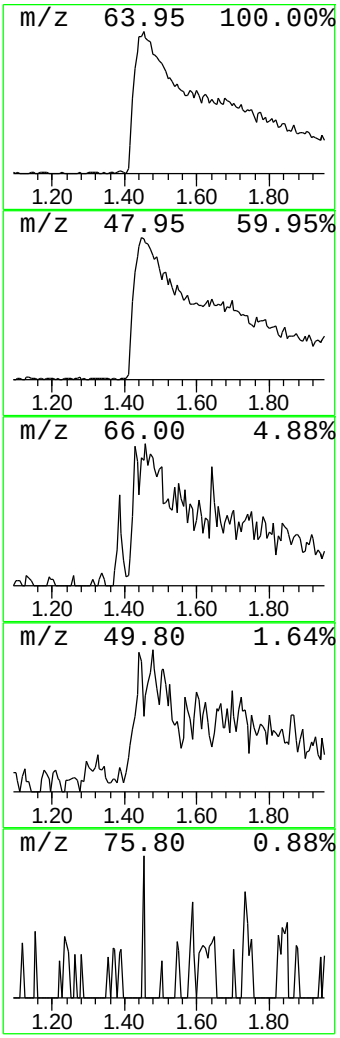
****

Peak Number 1 Sulfur dioxide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.45	1.82 ug/L	132693	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

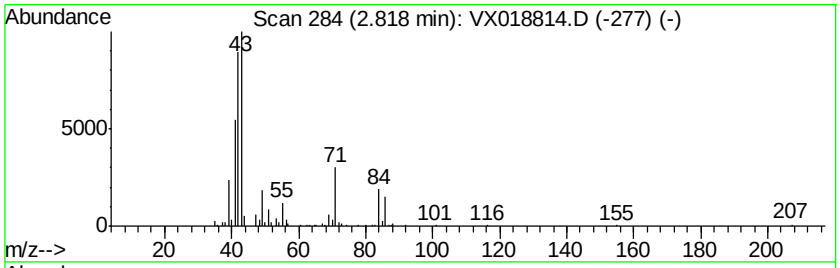
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

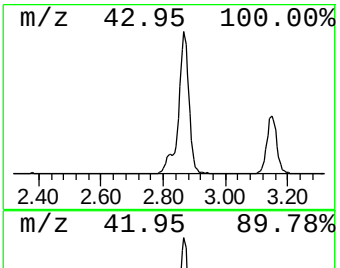
****

Peak Number 2 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	1.46 ug/L	106630	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, pentyl ester	164	C7H13ClO2	005411-55-2	38
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	35
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	25
4	Butyrolactone	86	C4H6O2	000096-48-0	22
5	1,2,4,5-Tetrazine, 1,4-dihydro-3...	112	C4H8N4	037454-64-1	16





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

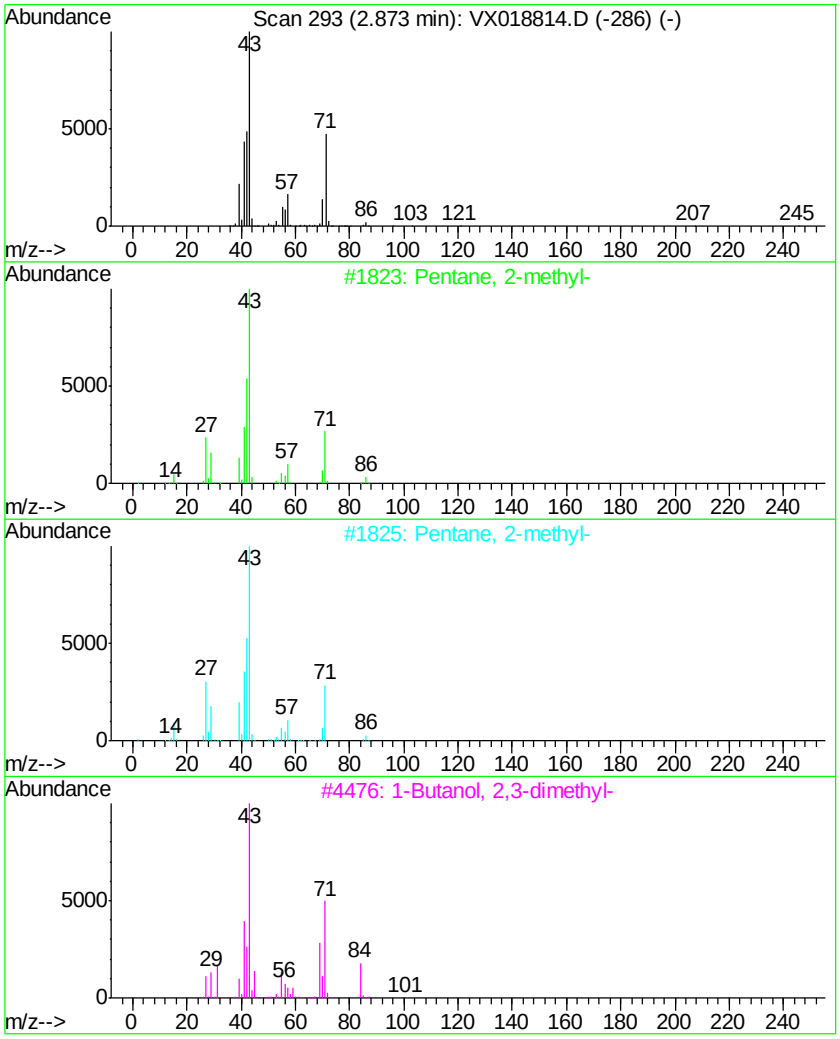
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

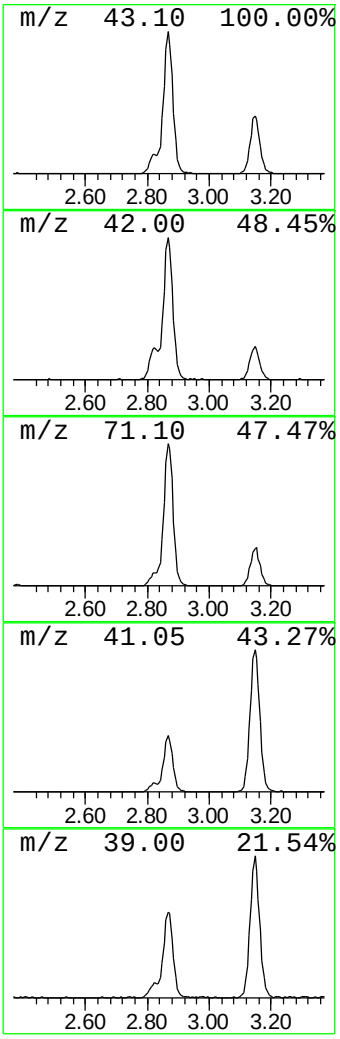
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	10.42 ug/L	759485	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	64
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	39
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

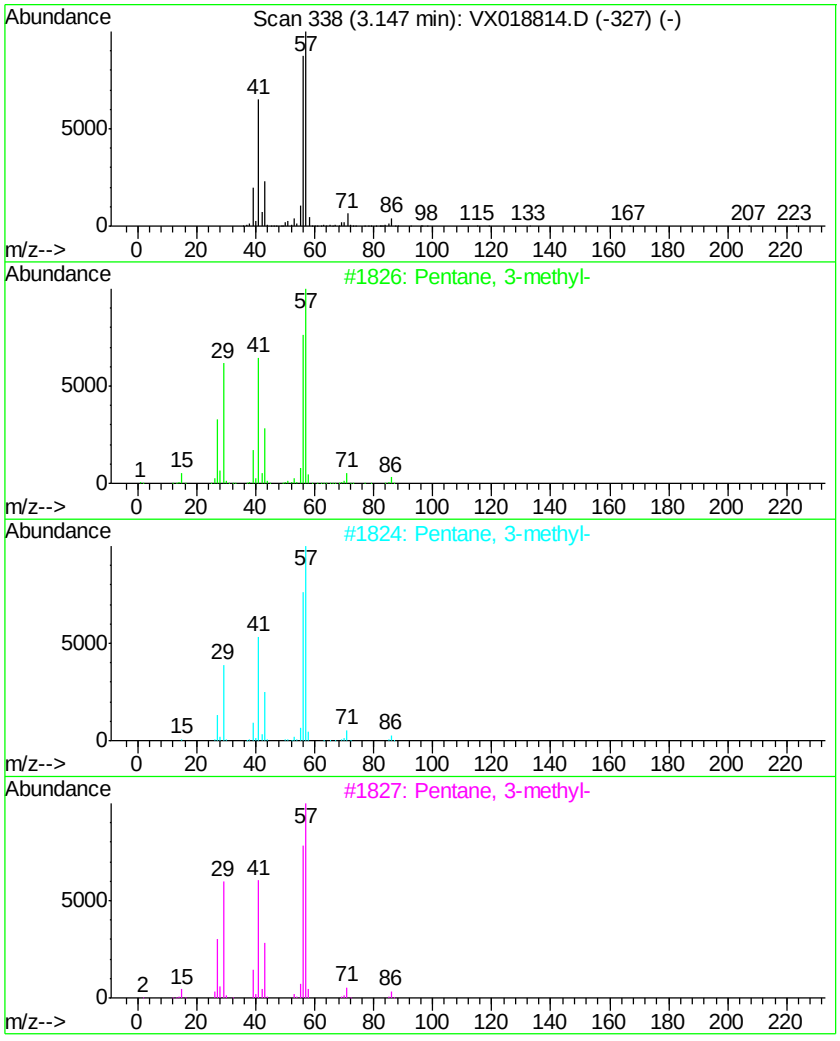
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

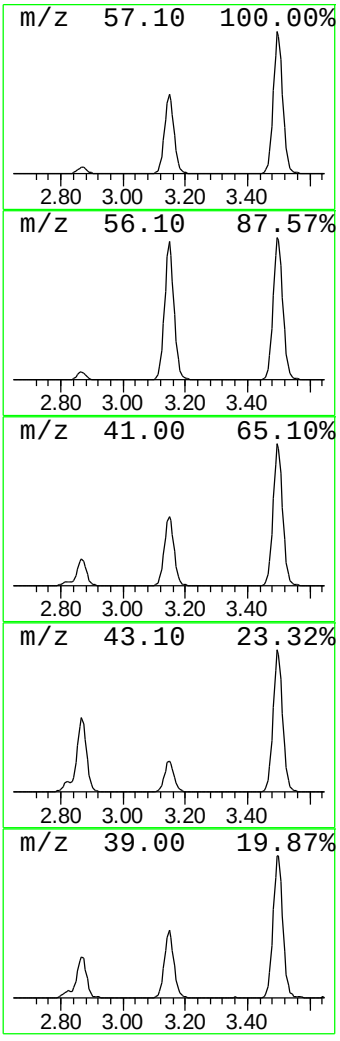
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	19.92 ug/L	1451390	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

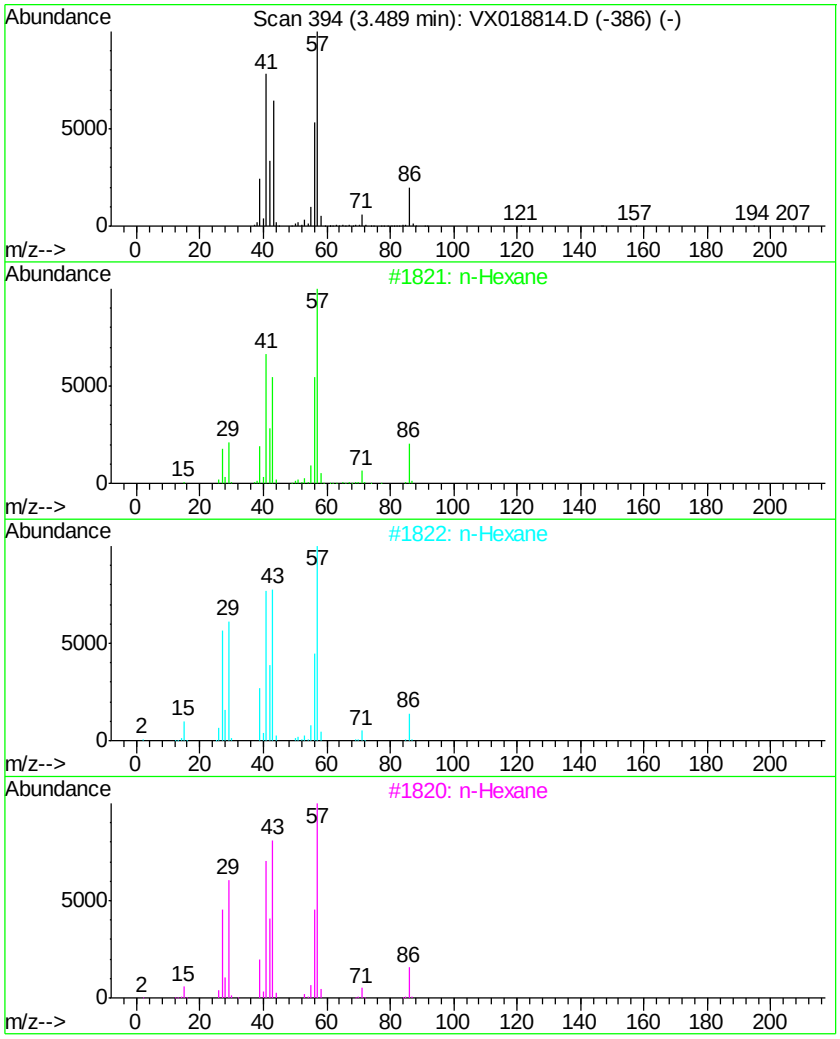
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

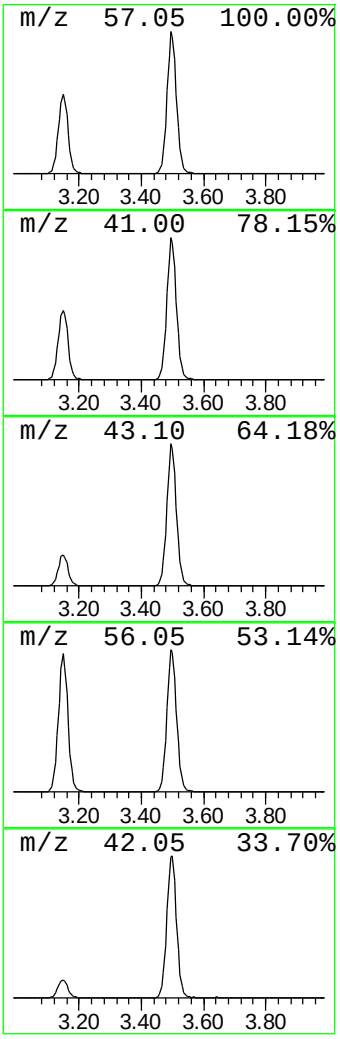
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	40.54 ug/L	2954740	1,4-Difluorobenzene	6.83

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	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

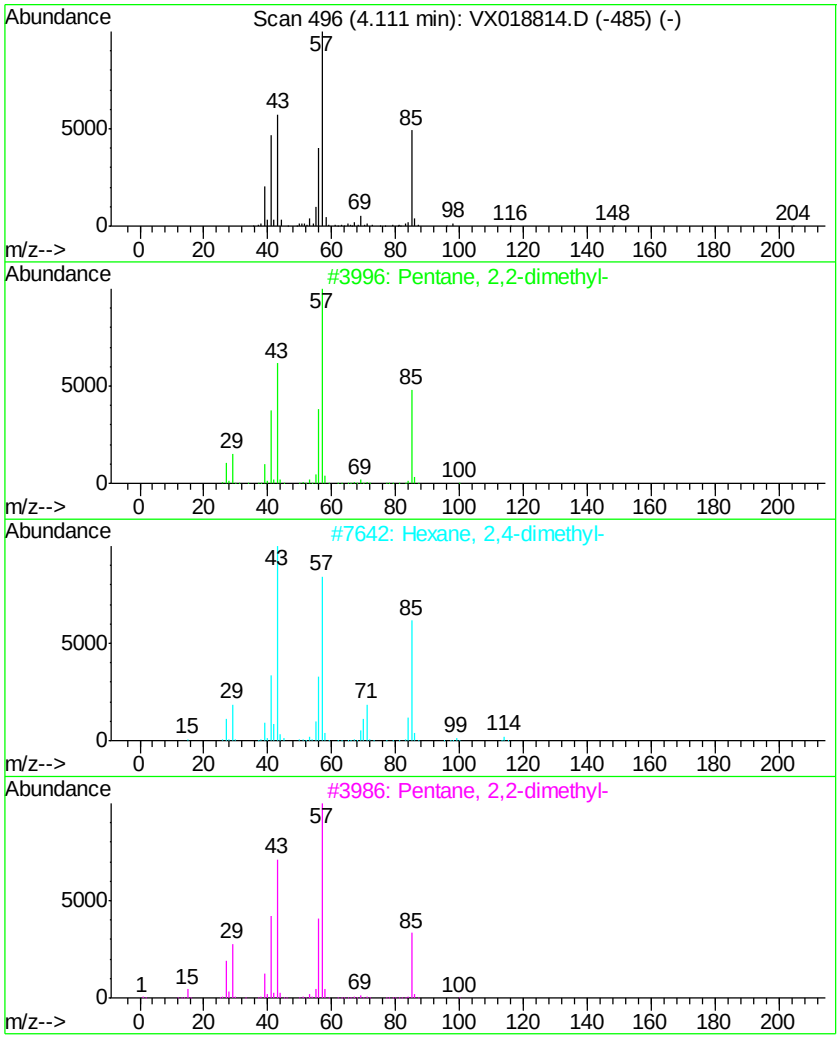
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

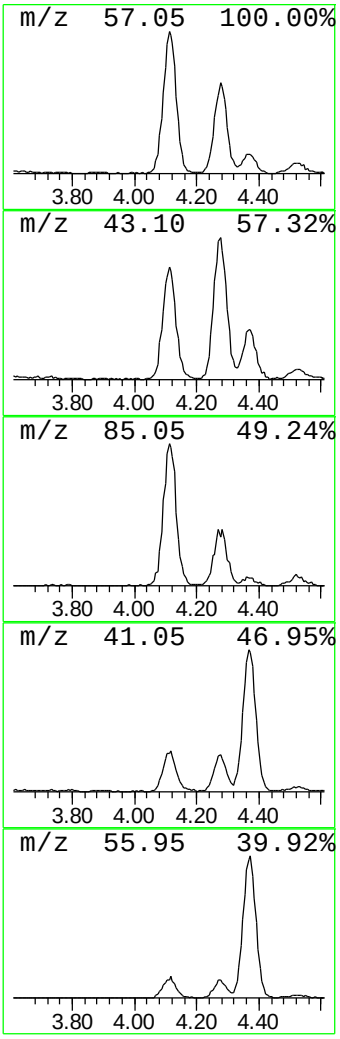
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	4.13 ug/L	301329	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

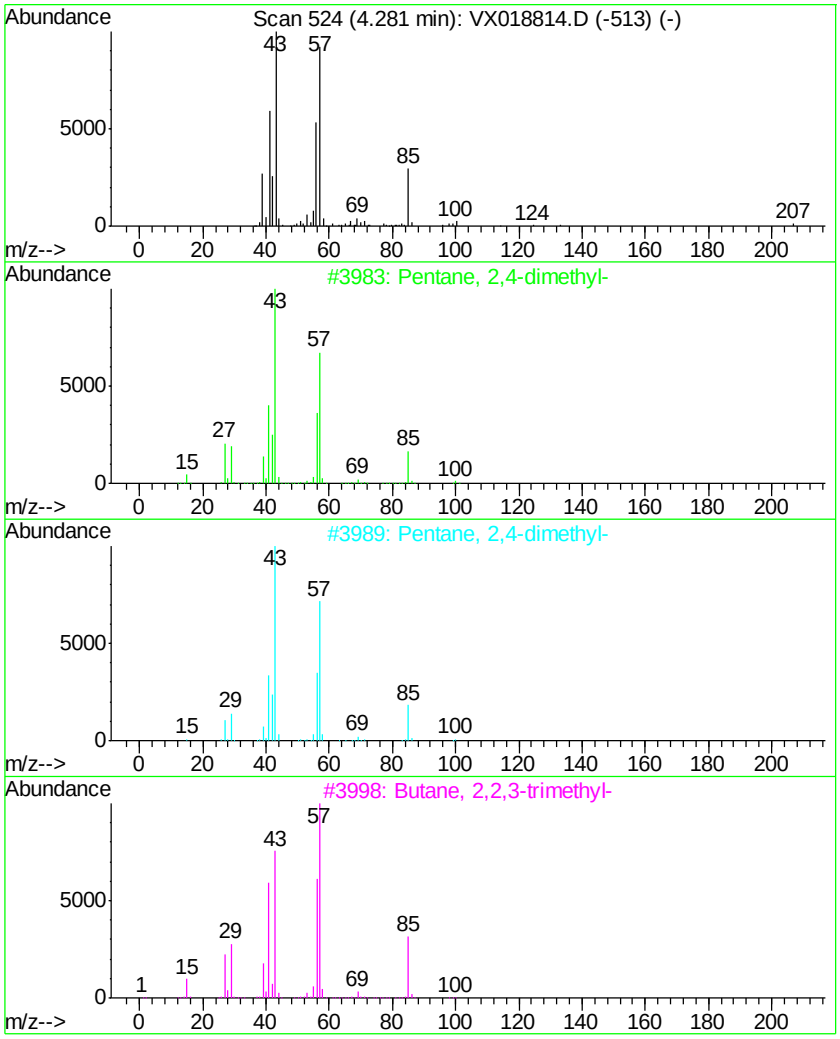
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

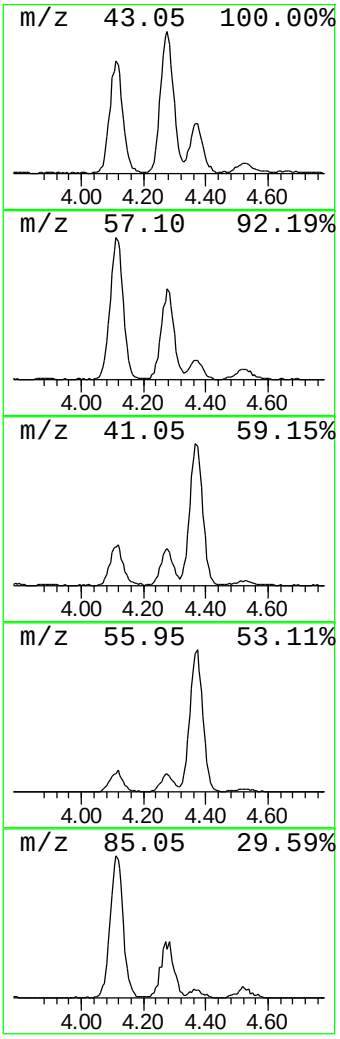
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	3.37 ug/L	245311	1,4-Difluorobenzene	6.83

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	83
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	52
5	n-Hexane	86	C6H14	000110-54-3	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

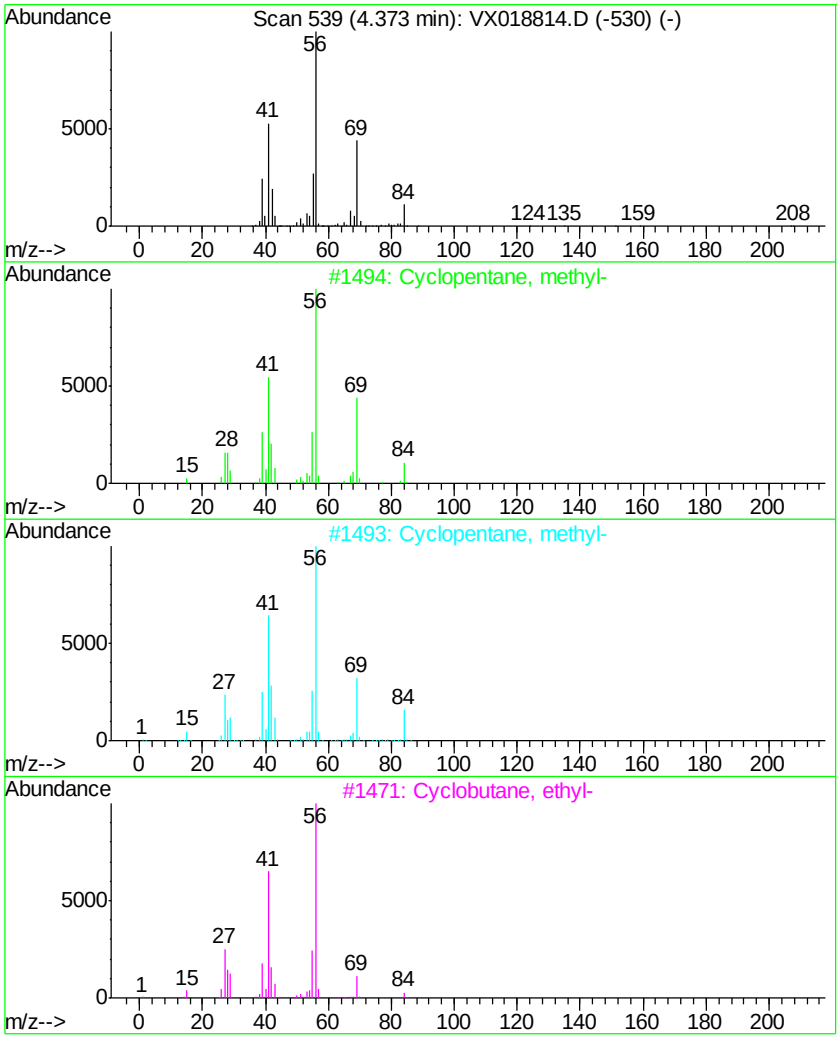
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

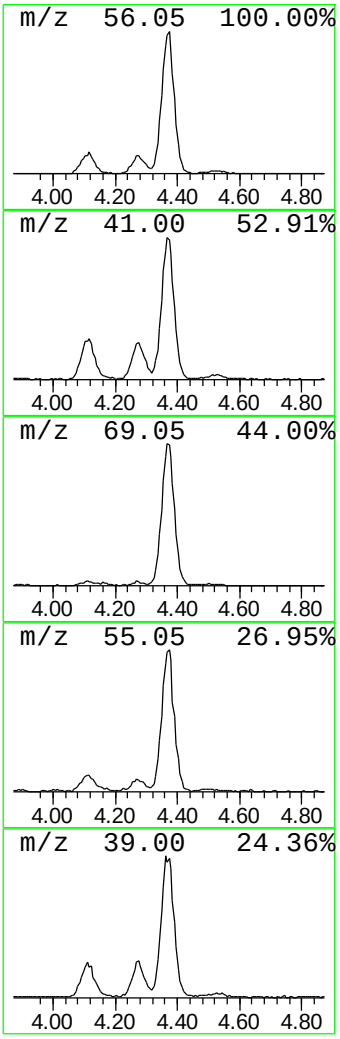
****

Peak Number 8 (DEL) Alkane: Cyclic4.37 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	11.53 ug/L	840483	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

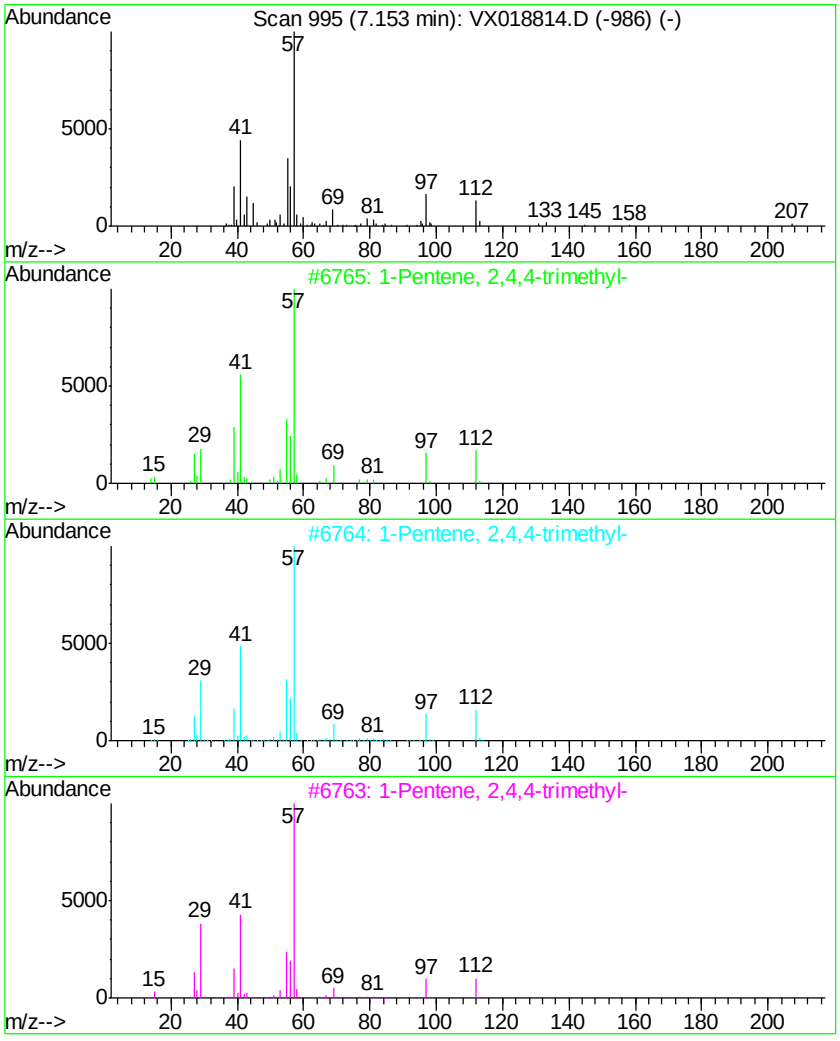
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

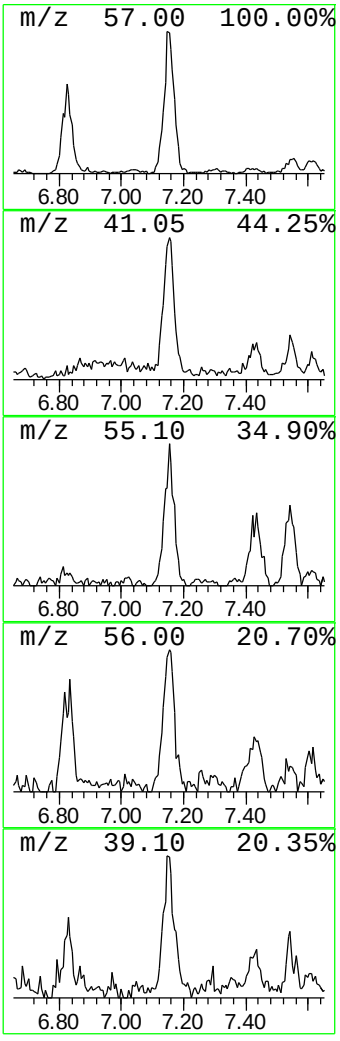
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	1.75 ug/L	127701	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	70
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	62
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	58
4	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	43
5	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

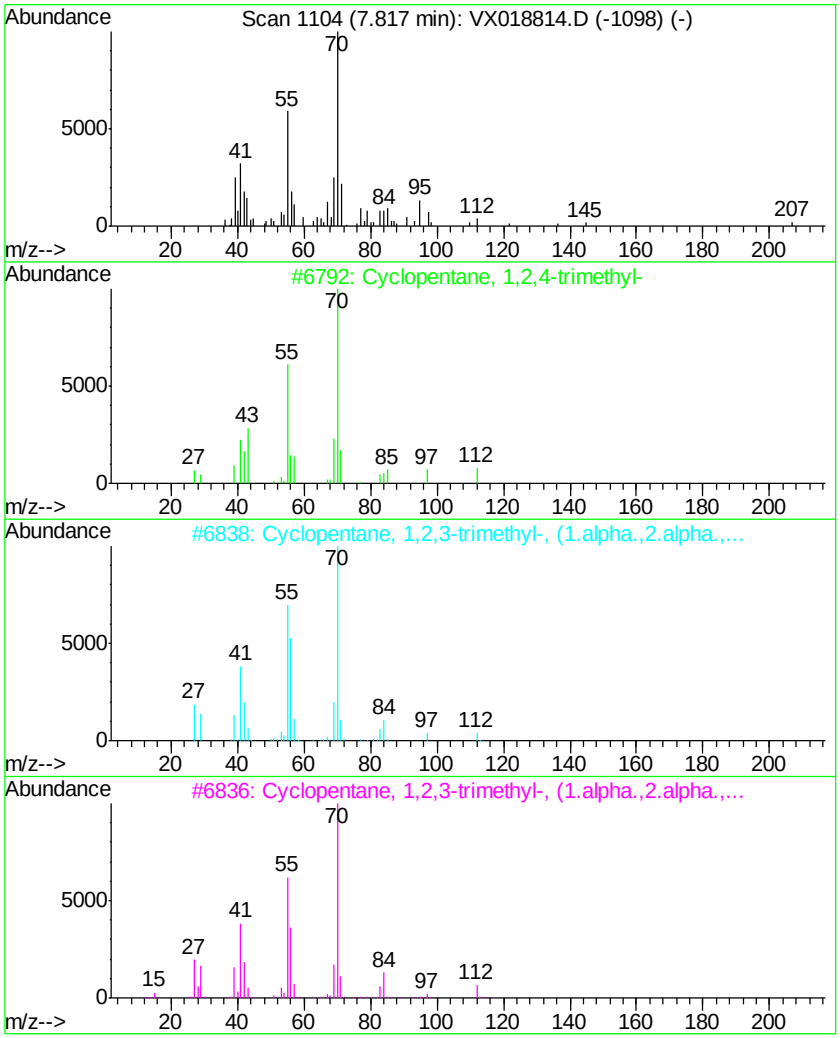
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

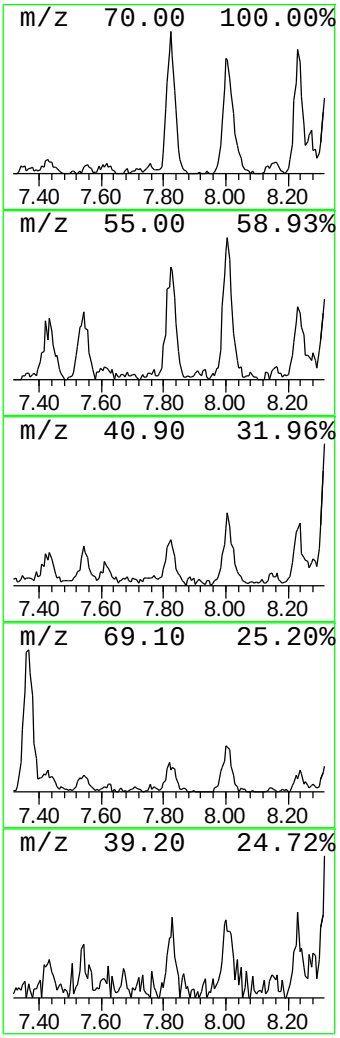
****

Peak Number 10 (DEL) Alkane: Cyclic7.82 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	0.63 ug/L	45783	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	81
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
4	1-Amino-3-methyl-2-butene	85	C5H11N	013822-06-5	58
5	1H-1,2,4-Triazole, 1-octadecanoyl-	335	C20H37N3O	060718-55-0	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

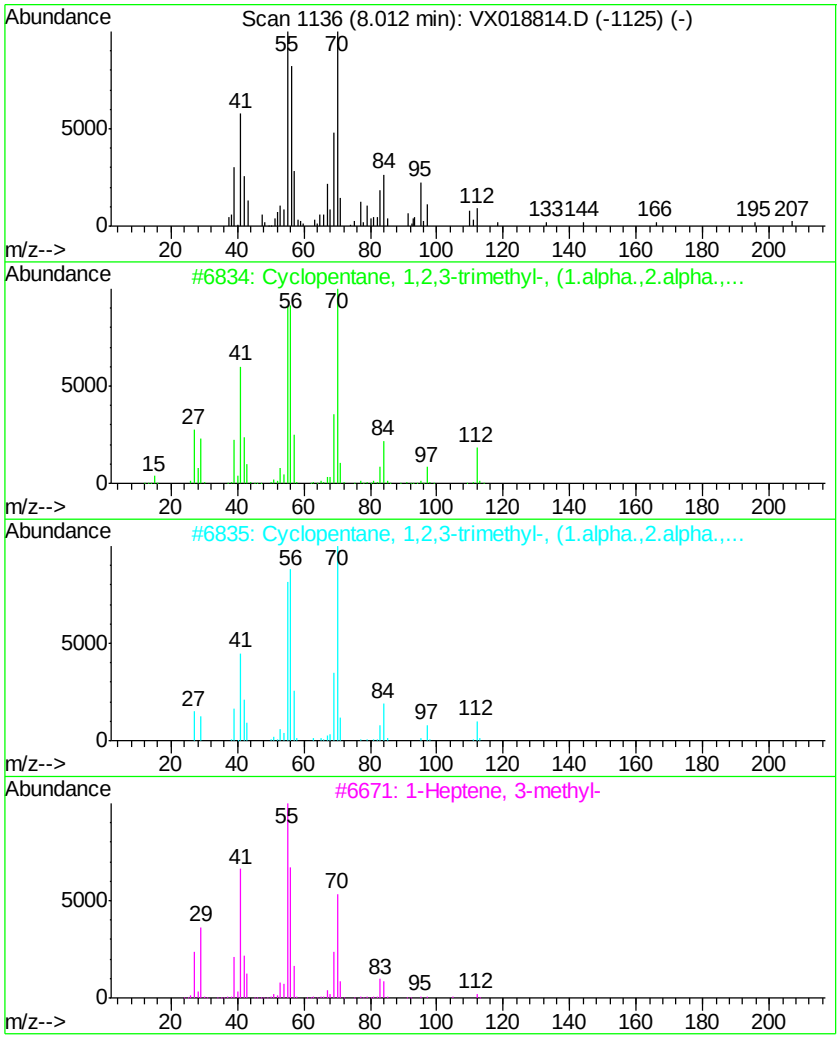
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

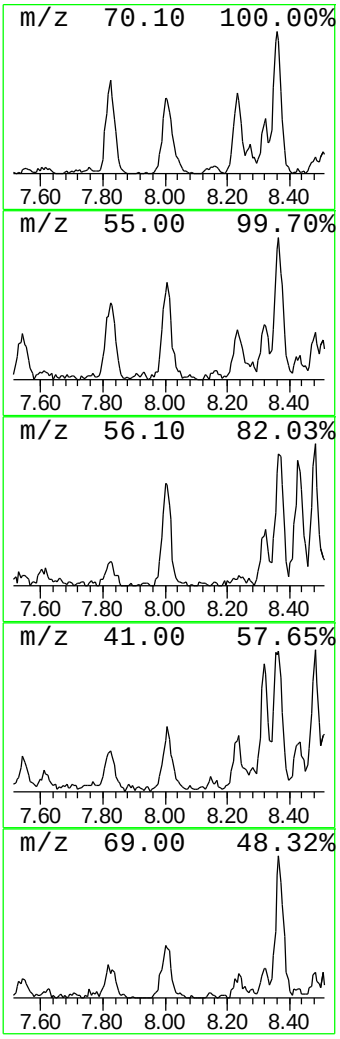
****

Peak Number 11 (DEL) Alkane: Cyclic8.01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	0.88 ug/L	64007	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	81
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	81
3	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	76
4	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	74
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

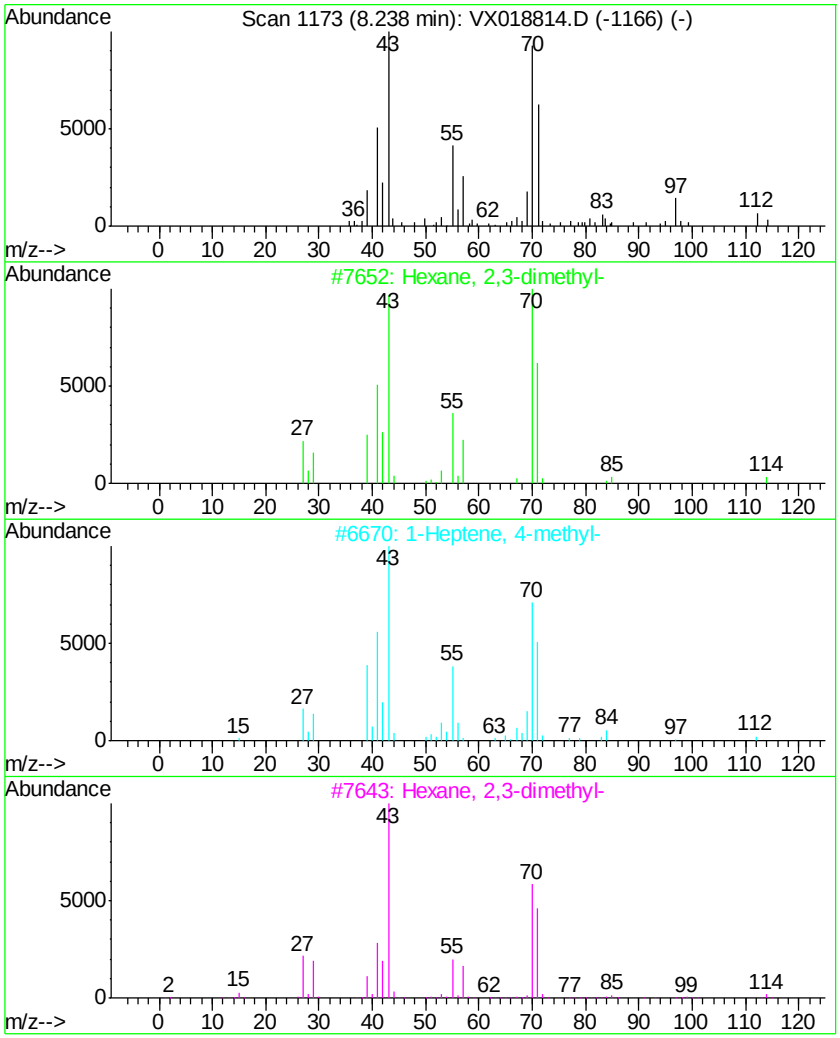
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

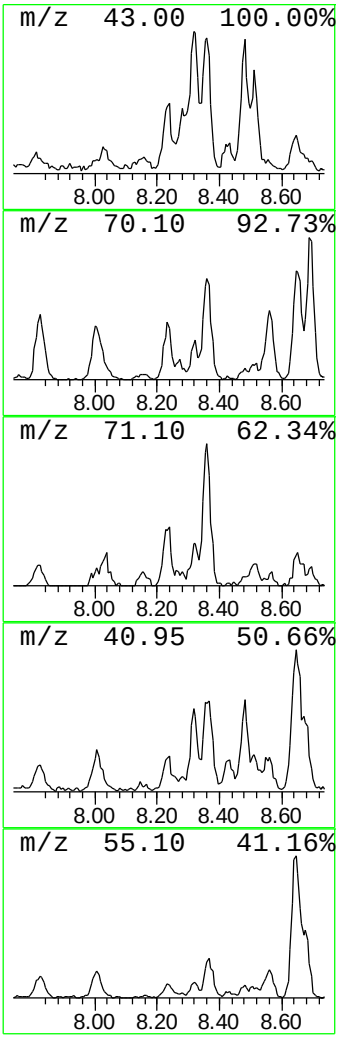
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.52 ug/L	37624	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	81
2	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	72
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	72
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	72
5	Pyrrolidine	71	C4H9N	000123-75-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

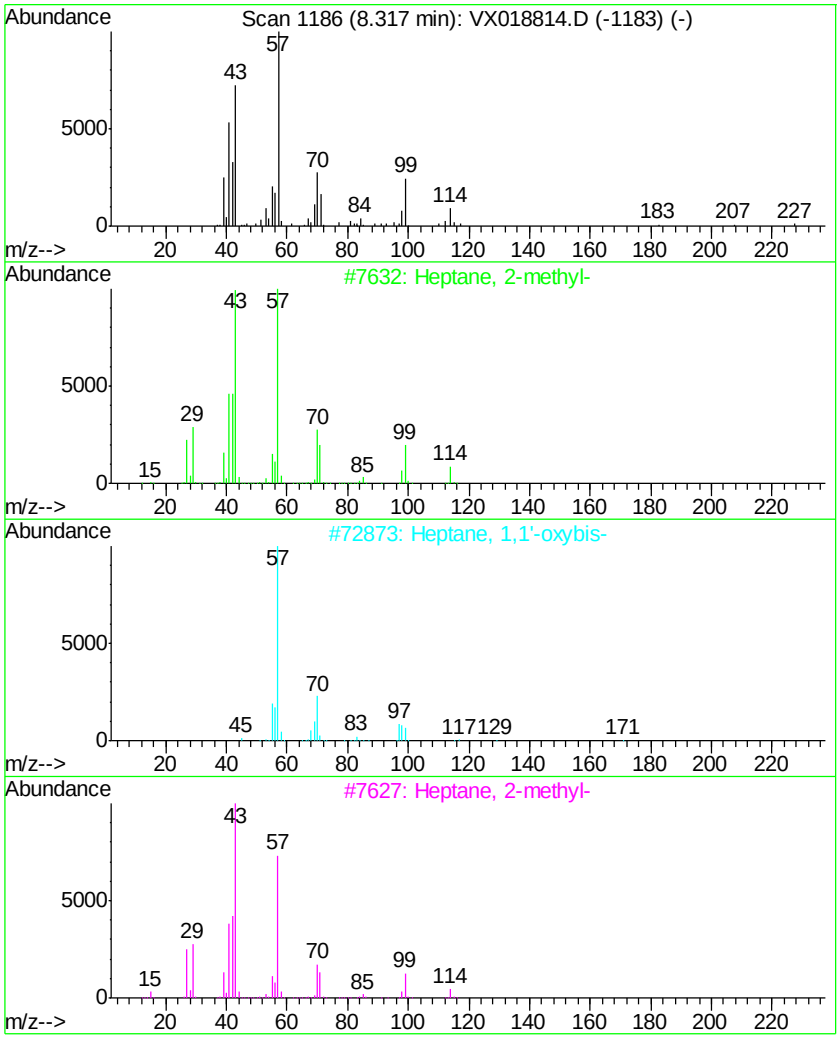
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

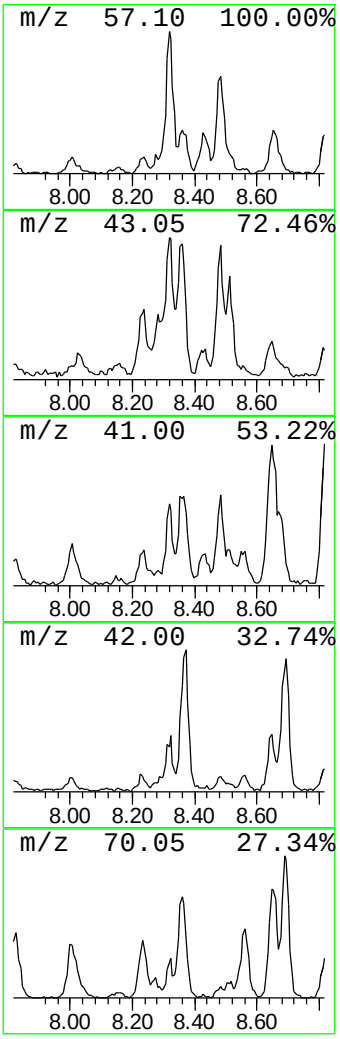
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	0.75 ug/L	55015	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	49
4	Hexamethylenimine	99	C6H13N	000111-49-9	47
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

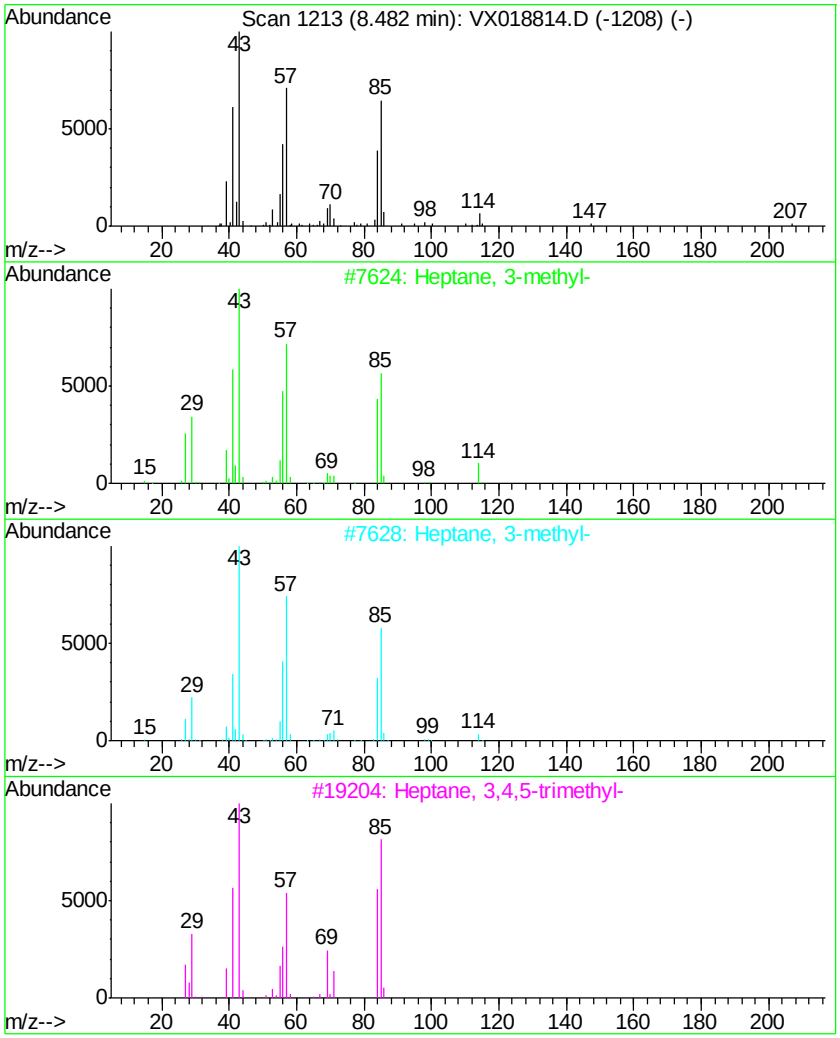
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

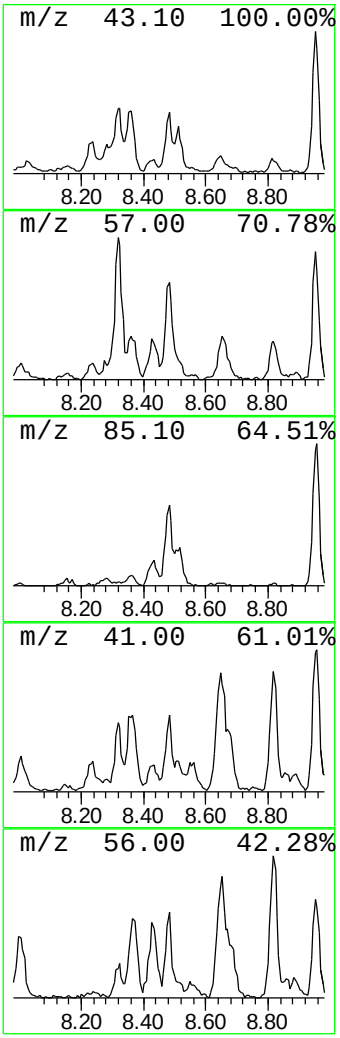
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	0.66 ug/L	55276	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	86
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	4-Methylpentyl pentanoate	186	C11H22O2	035852-47-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

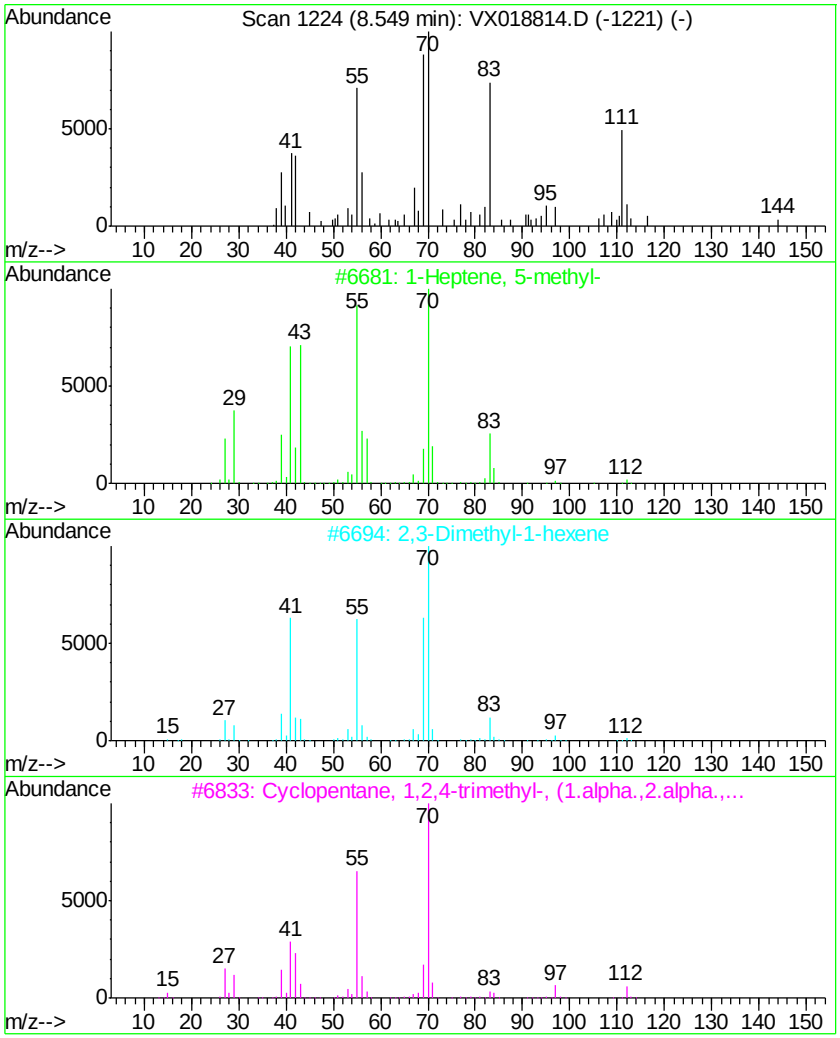
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

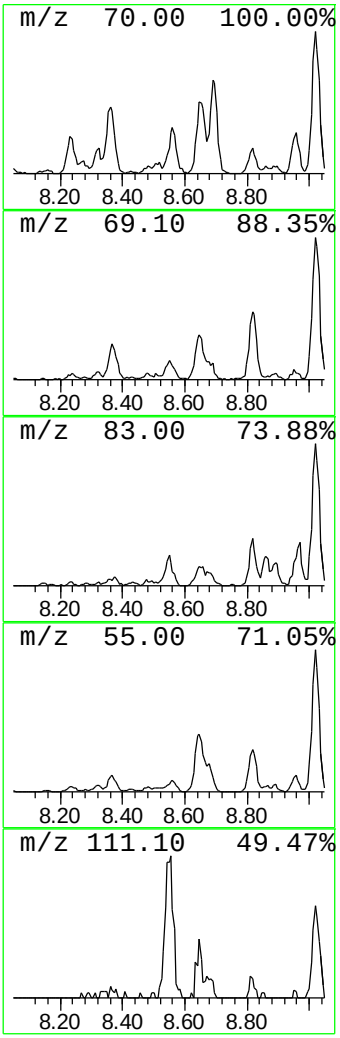
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	0.61 ug/L	51242	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	50
2	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	43
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	43
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	40
5	2,6-Cyclooctadien-1-ol	124	C8H12O	010017-18-2	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

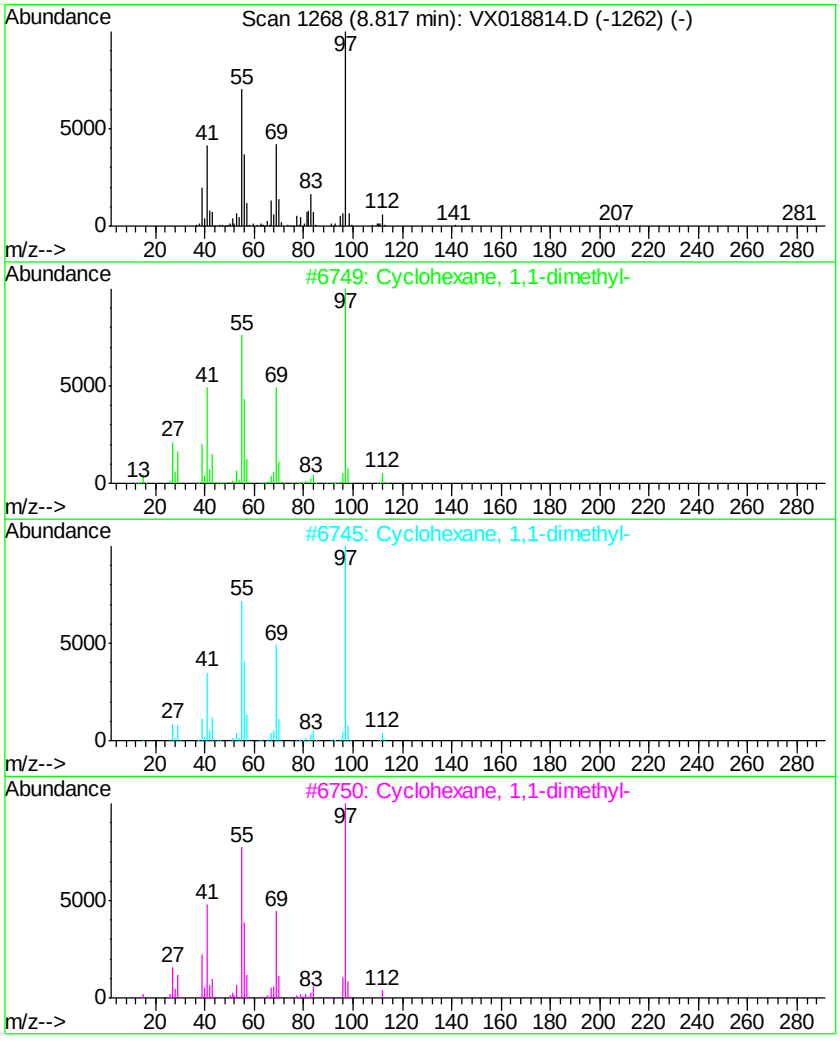
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

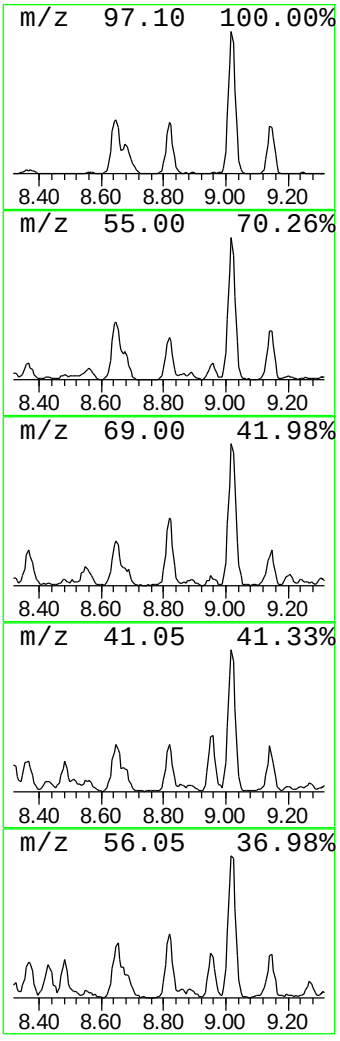
****

Peak Number 17 (DEL) Alkane: Cyclic8.82 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	1.92 ug/L	160288	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	94
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	94
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	72
4	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	1000283-20-9	64
5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

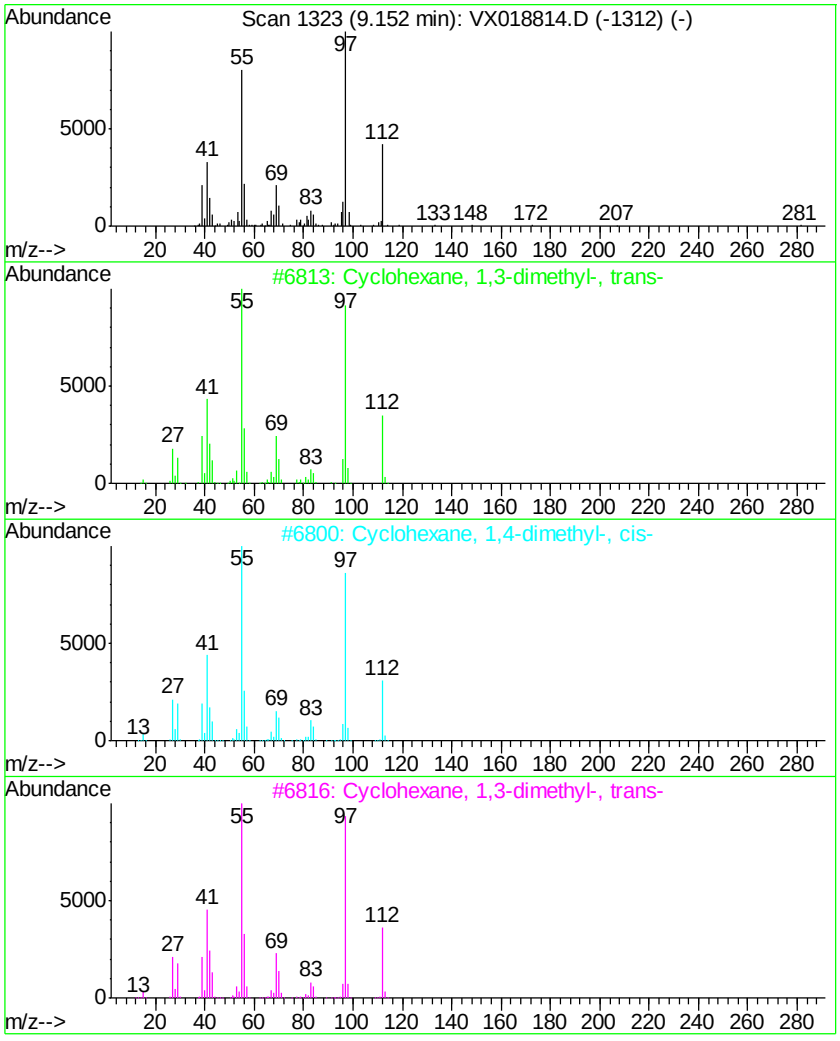
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

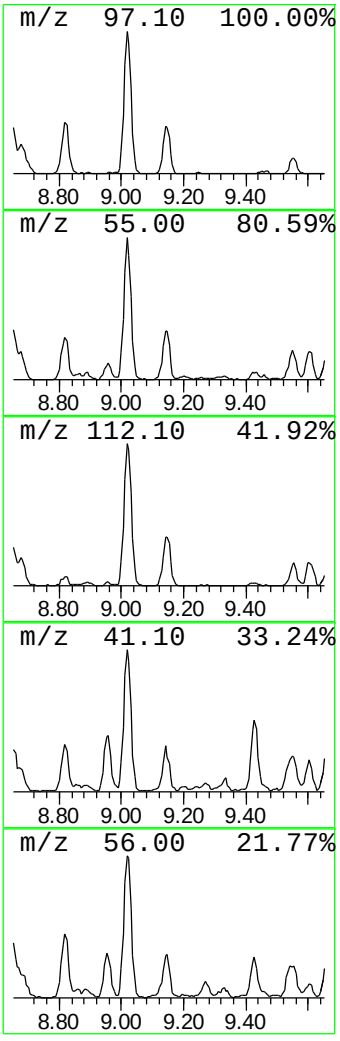
****

Peak Number 18 (DEL) Alkane: Cyclic9.15 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	1.82 ug/L	151774	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

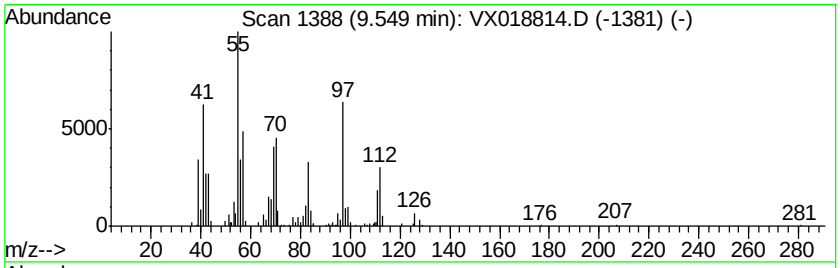
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

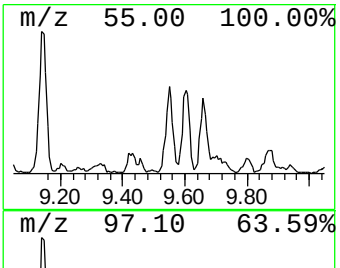
****

Peak Number 19 (DEL) Alkane: Cyclic9.55 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	1.78 ug/L	148489	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	76
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	70
3	4-Octene, (E)-	112	C8H16	014850-23-8	70
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	68
5	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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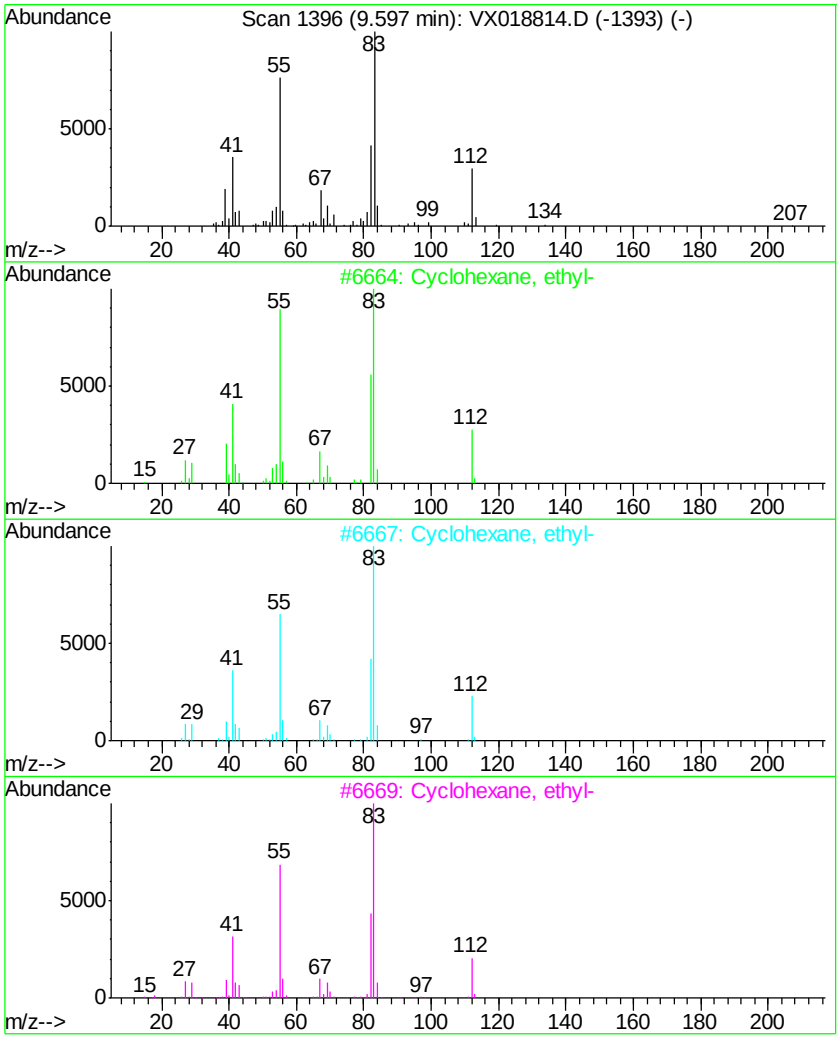
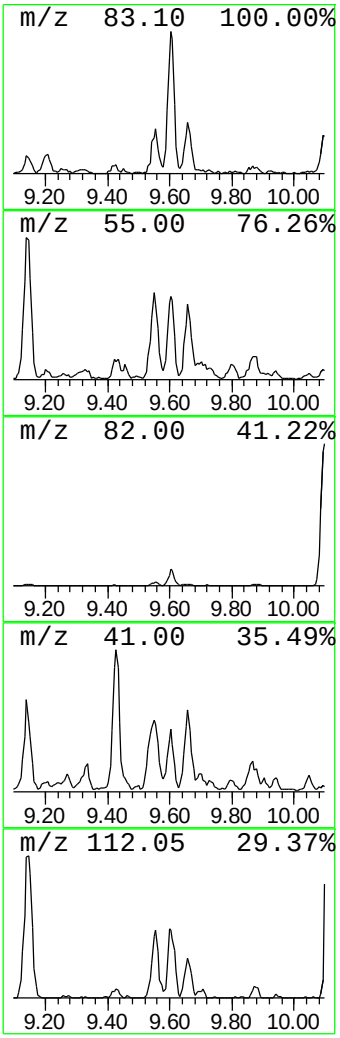
Peak Number 20 (DEL) Alkane: Cyclic9.60 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	1.12 ug/L	93735	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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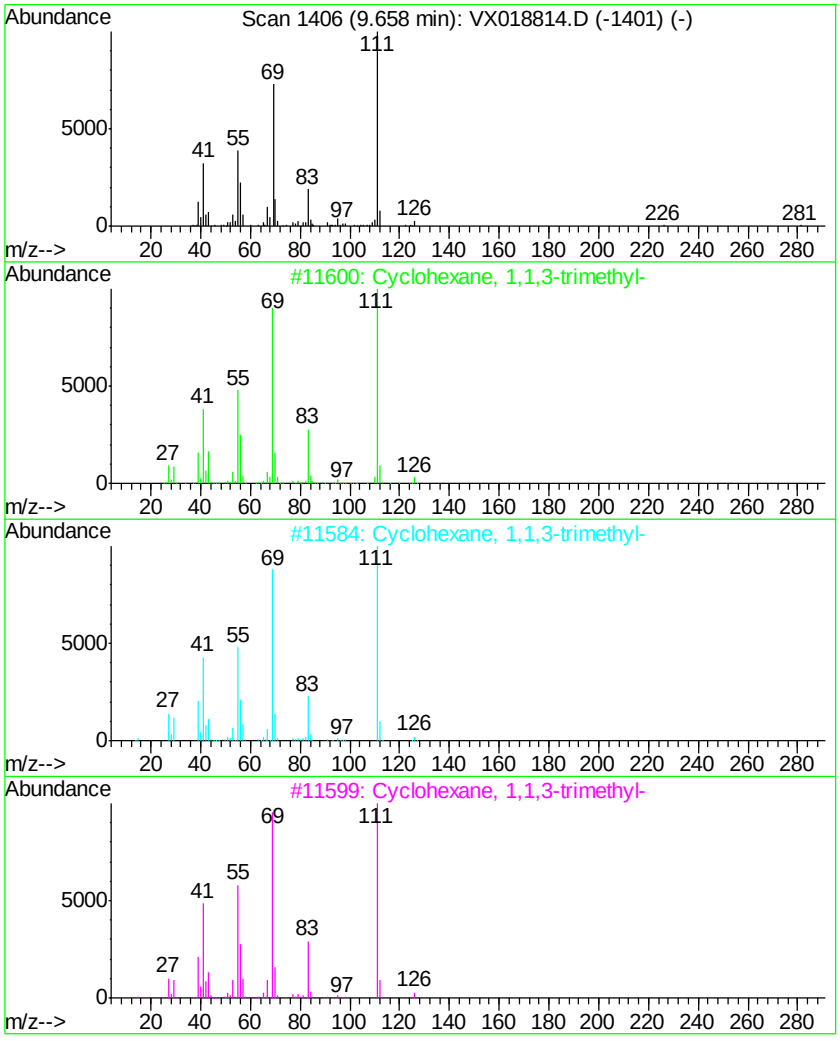
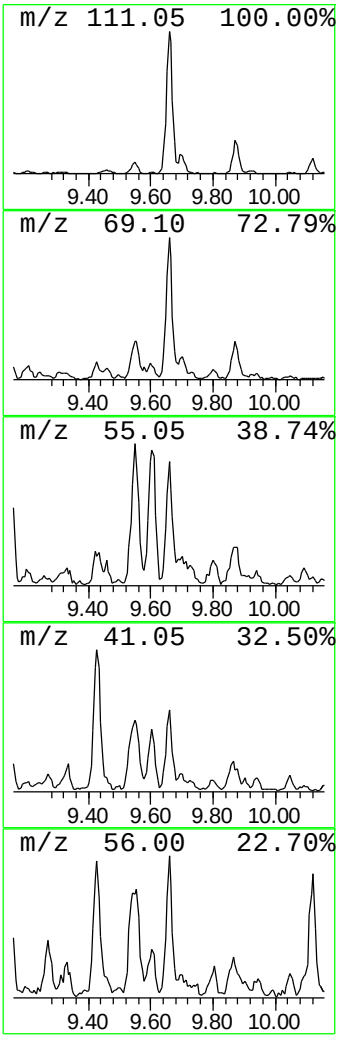
Peak Number 21 (DEL) Alkane: Cyclic9.66 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	1.70 ug/L	142043	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
4	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	53
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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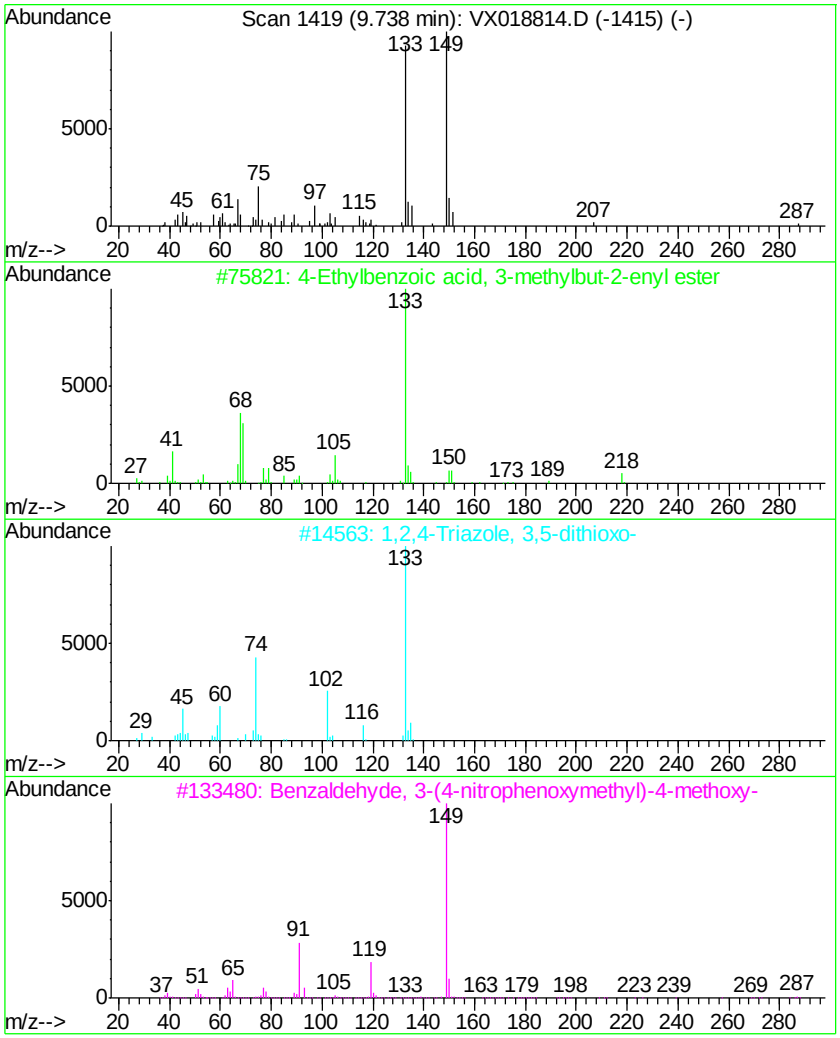
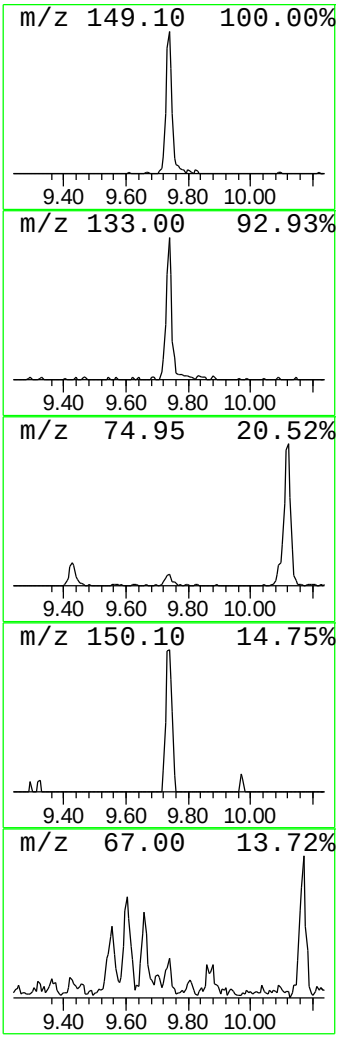
Peak Number 22 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	0.53 ug/L	44488	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid, 3-methylbut...	218	C14H18O2	1000292-54-1	35
2	1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	27
3	Benzaldehyde, 3-(4-nitrophenoxym...	287	C15H13NO5	1000273-81-9	27
4	4-Ethylbenzoic acid, 6-ethyl-3-o...	290	C19H30O2	1000293-32-3	25
5	4-Ethylbenzoic acid, 4-methylpen...	234	C15H22O2	1000293-49-7	25





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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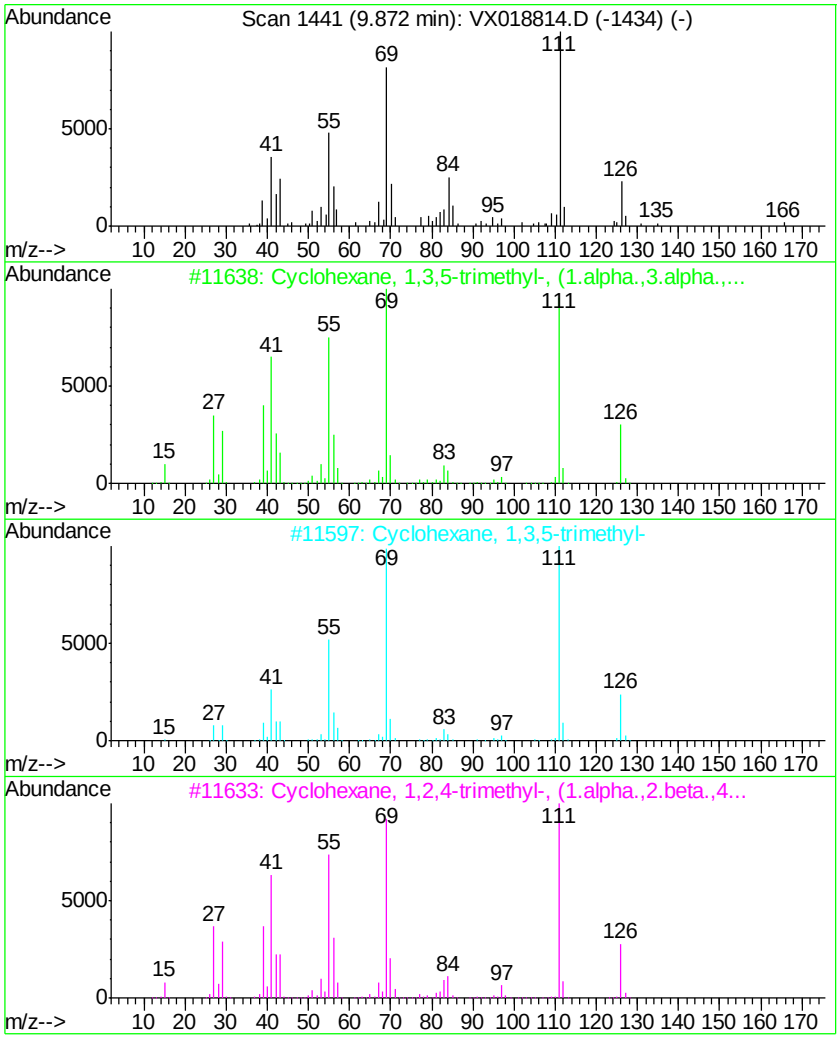
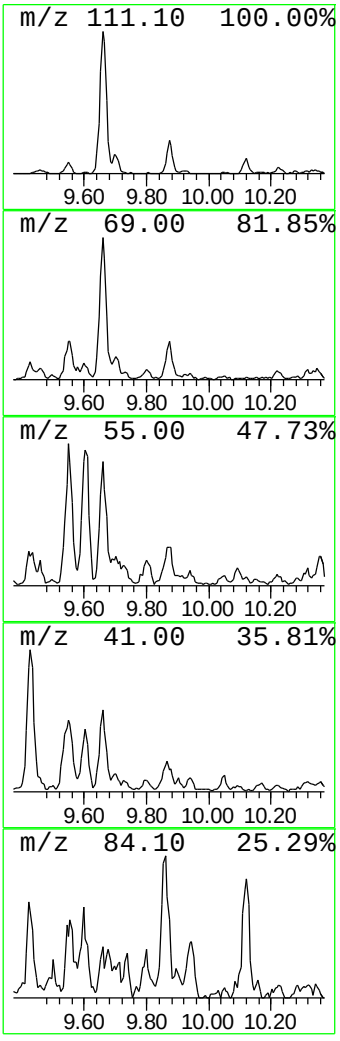
Peak Number 23 (DEL) Alkane: Cyclic9.87 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	0.87 ug/L	72661	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	83
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	74
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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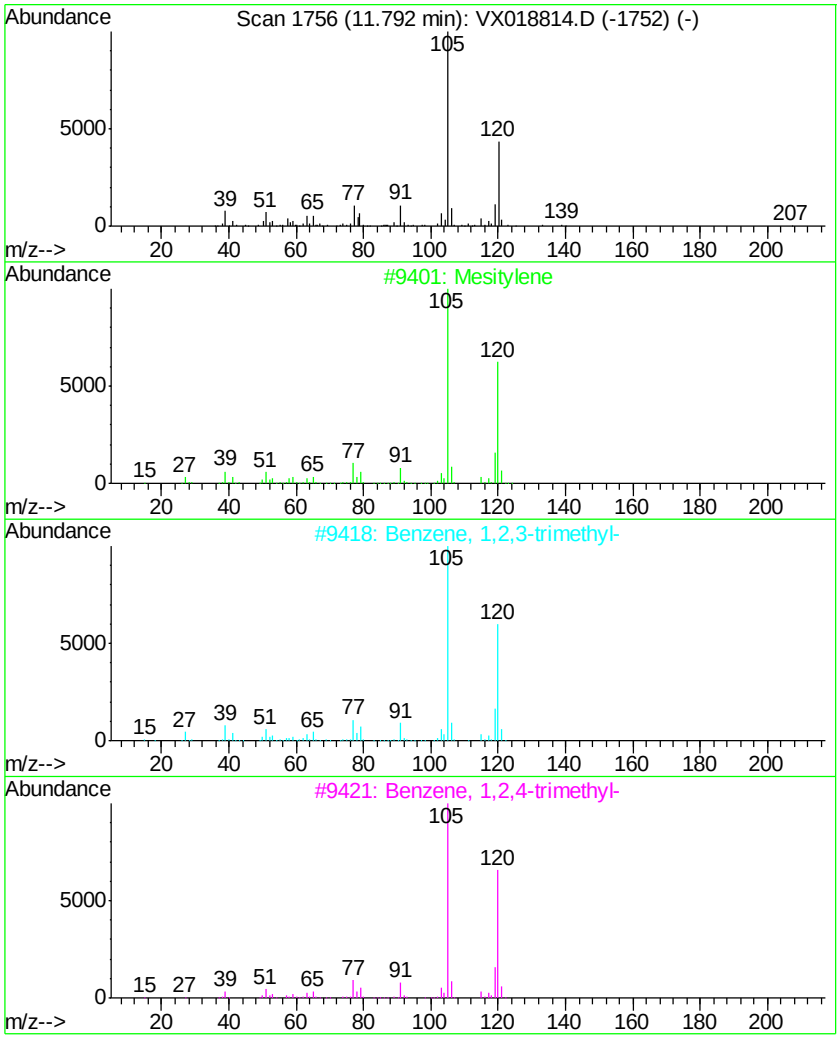
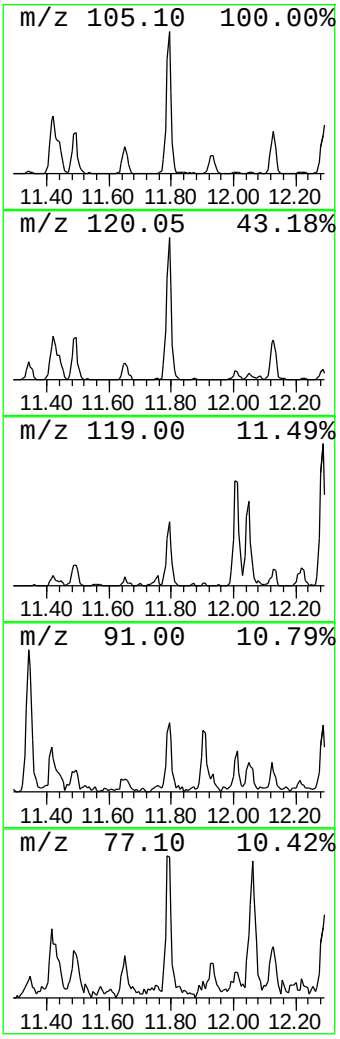
Peak Number 24 Mesitylene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	0.84 ug/L	110965	1,4-Dichlorobenzene-d4	12.06

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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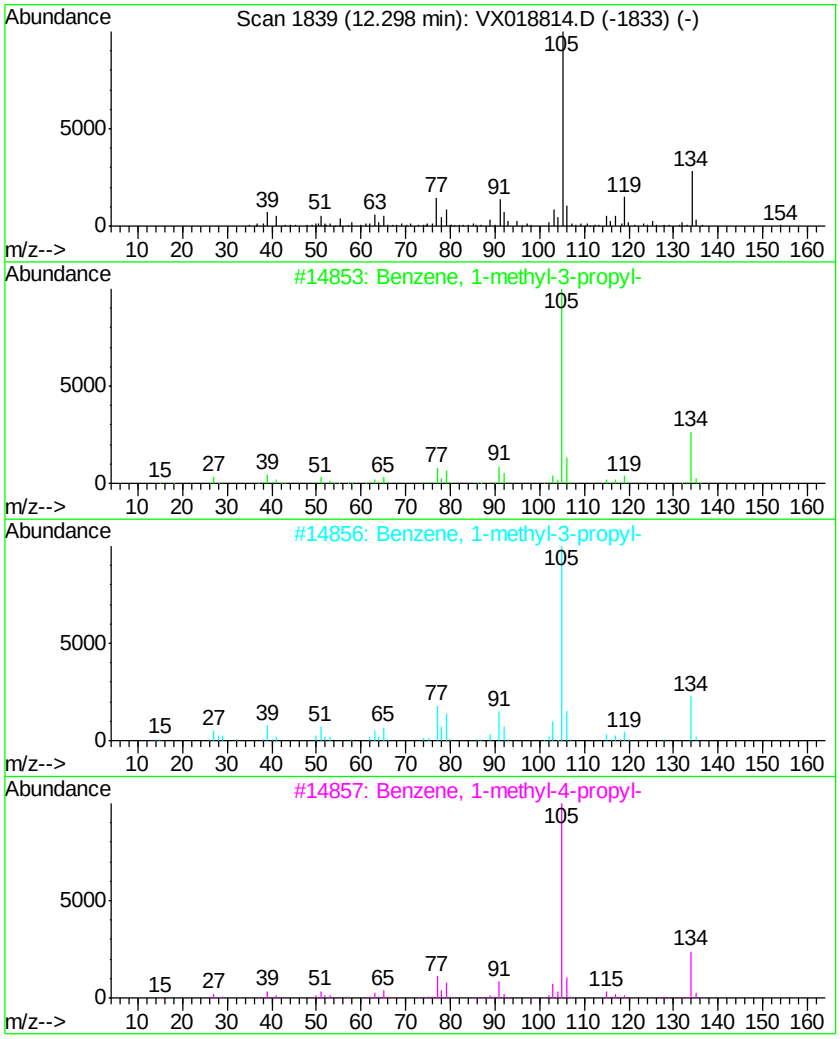
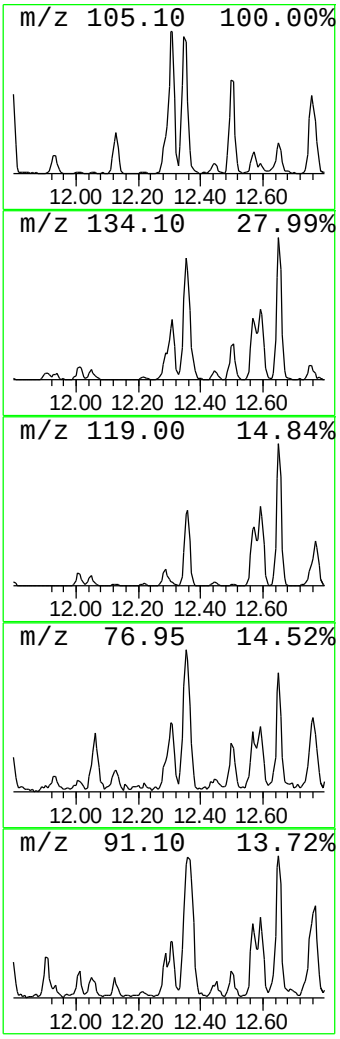
Peak Number 25 Benzene, 1-methyl-3-propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	1.04 ug/L	137374	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

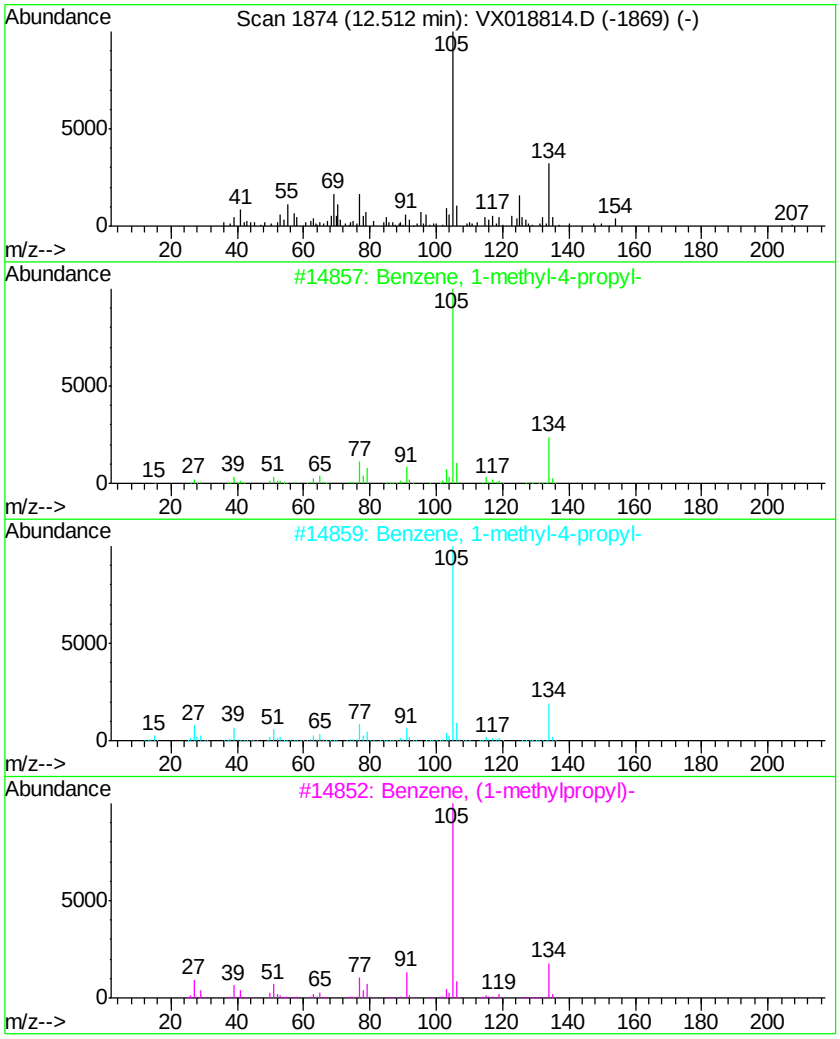
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

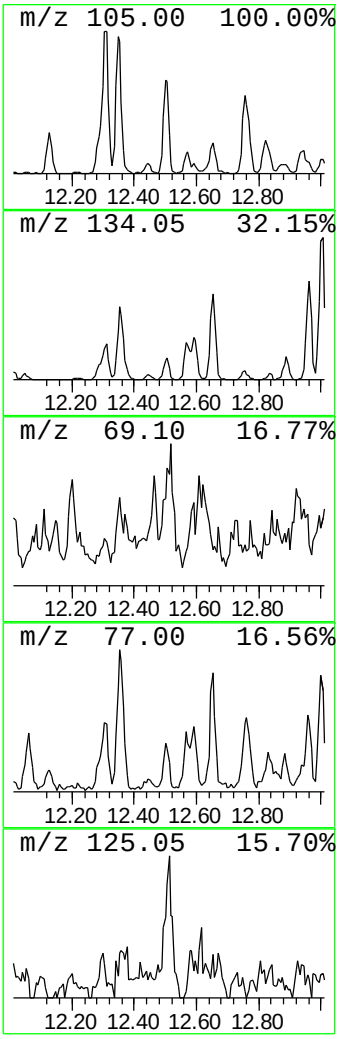
****

Peak Number 26 Benzene, 1-methyl-4-propyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	0.57 ug/L	75160	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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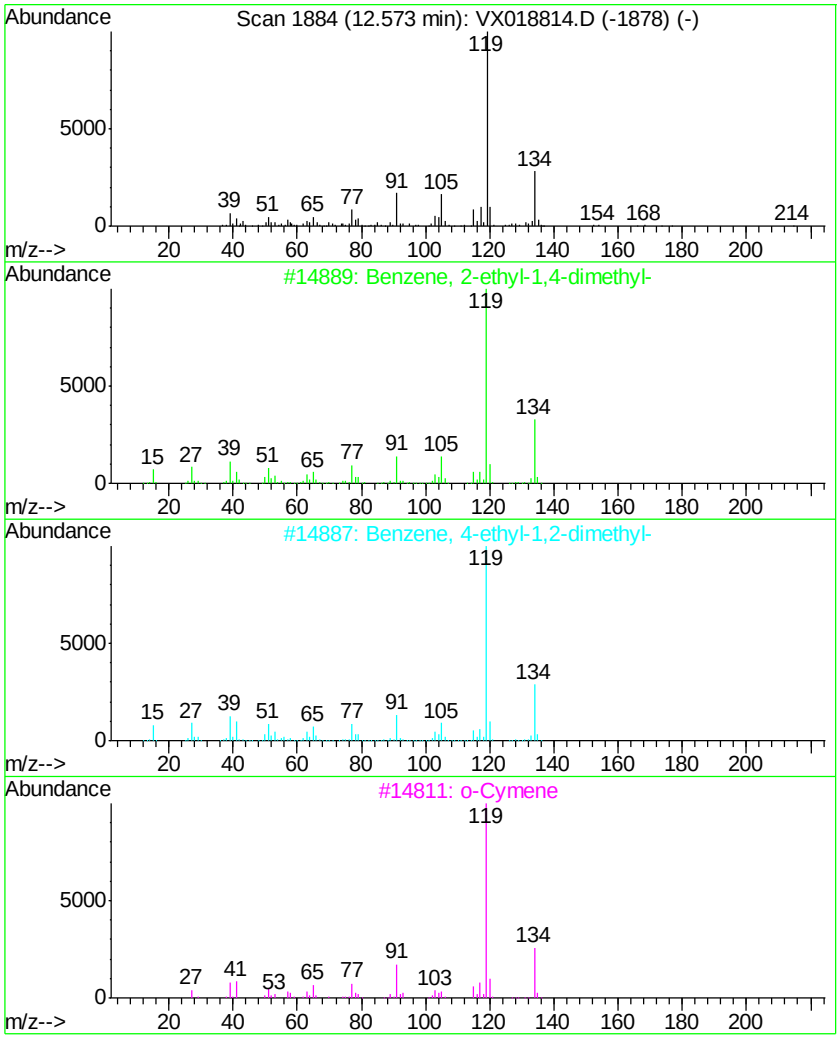
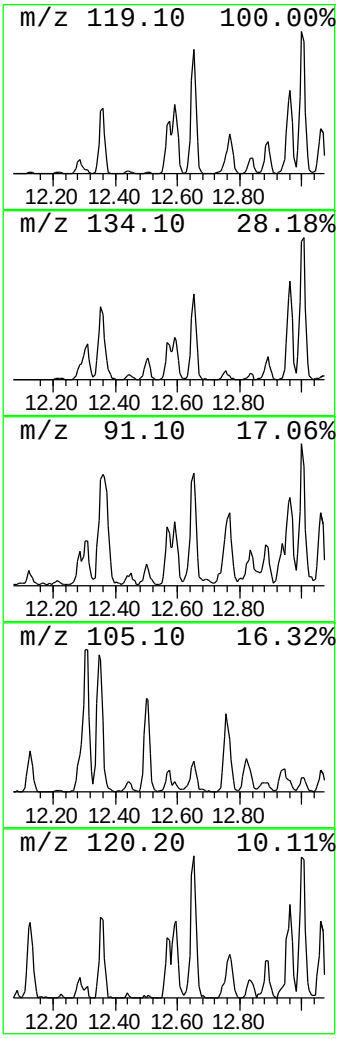
Peak Number 27 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	0.67 ug/L	88831	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	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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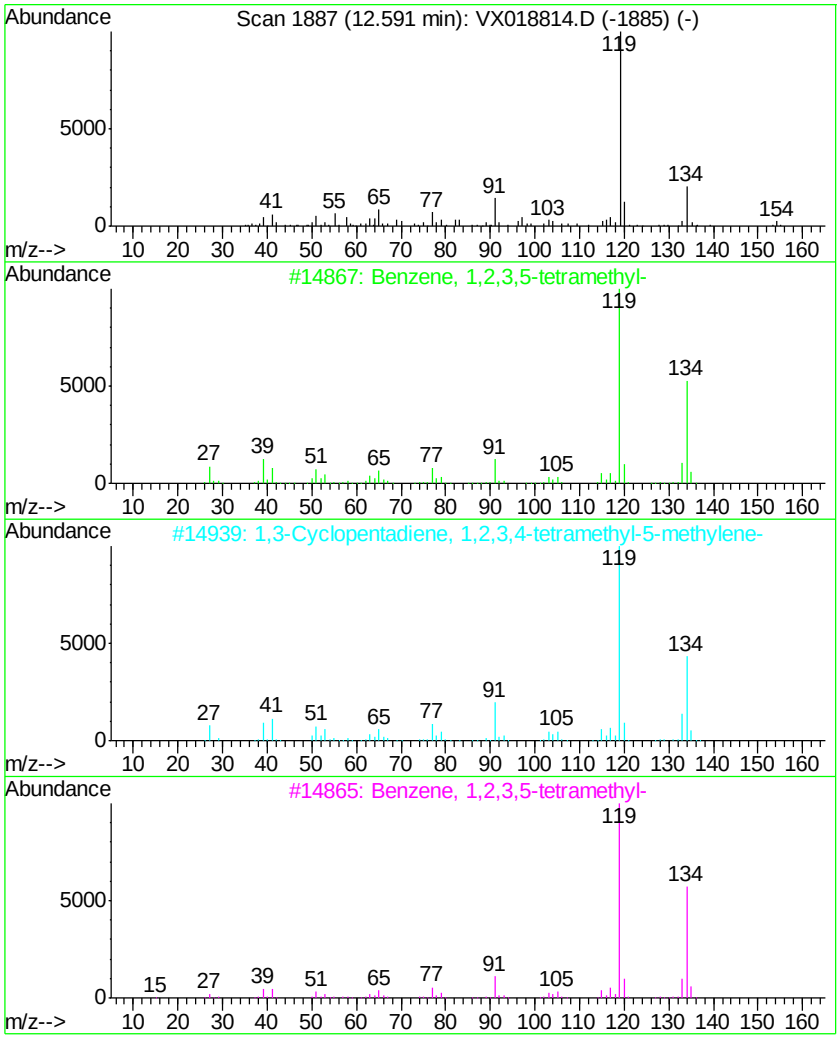
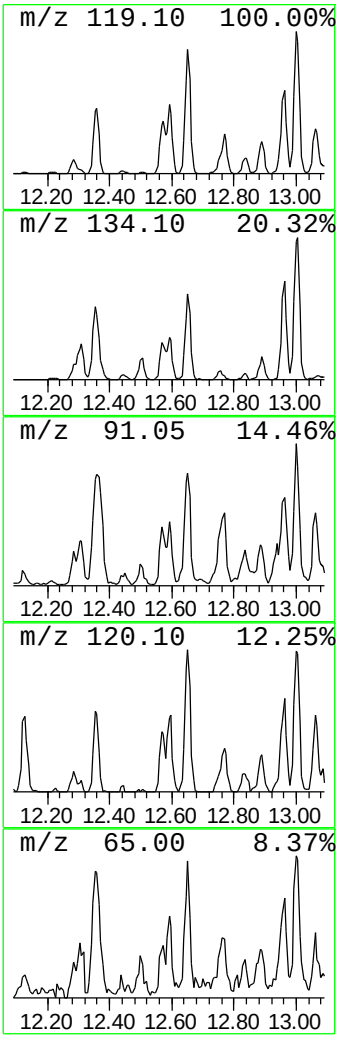
Peak Number 28 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	0.60 ug/L	79562	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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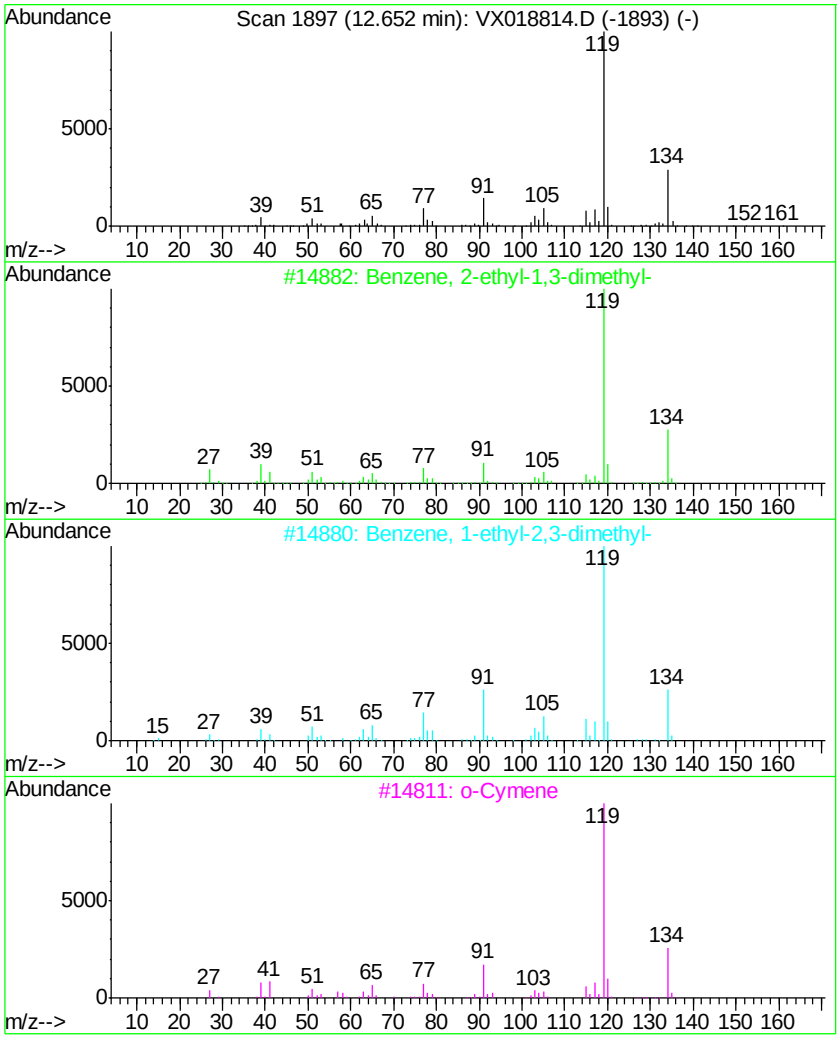
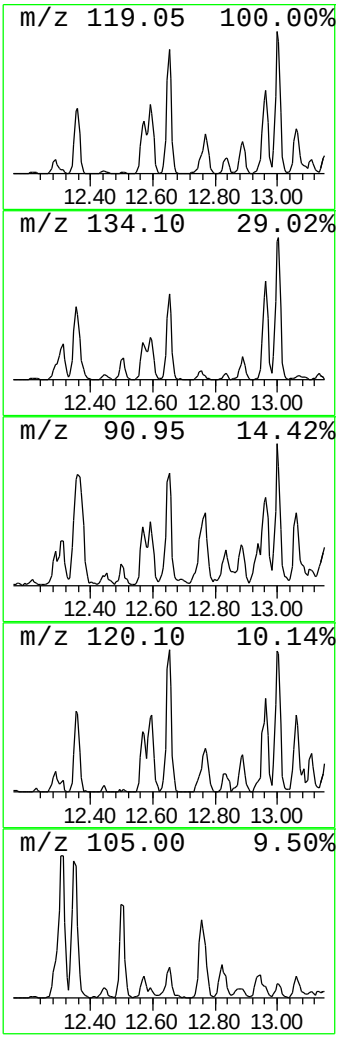
Peak Number 29 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	1.39 ug/L	183420	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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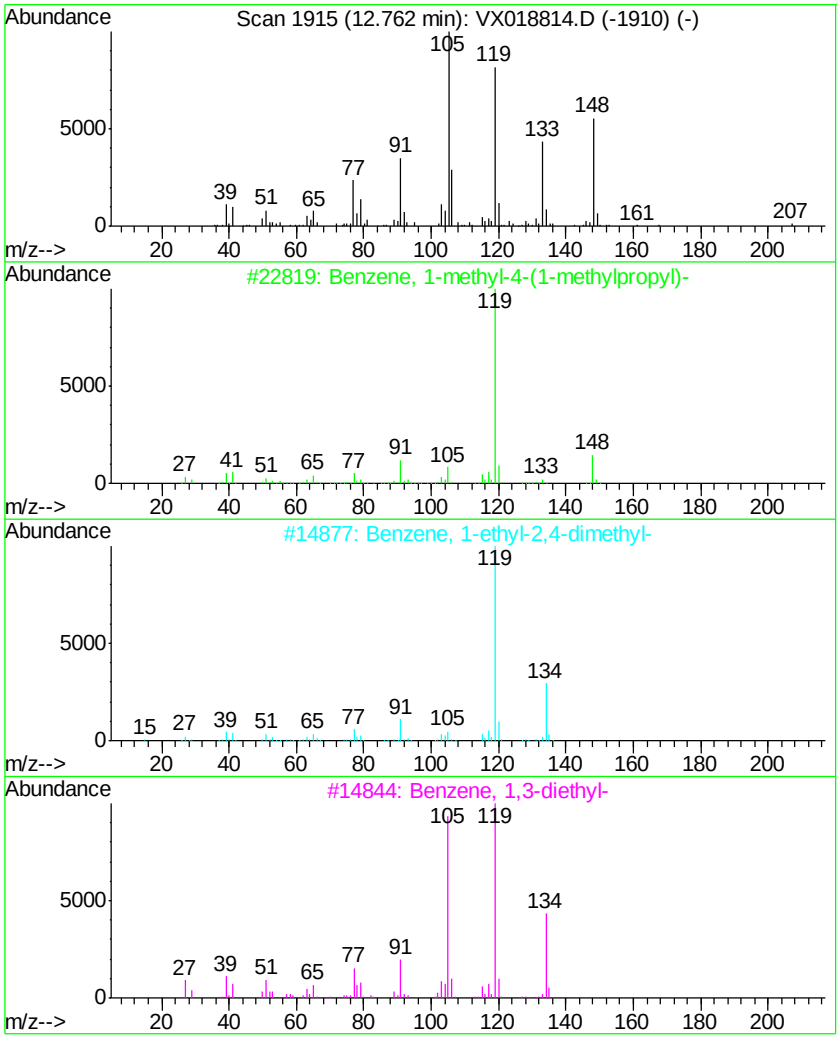
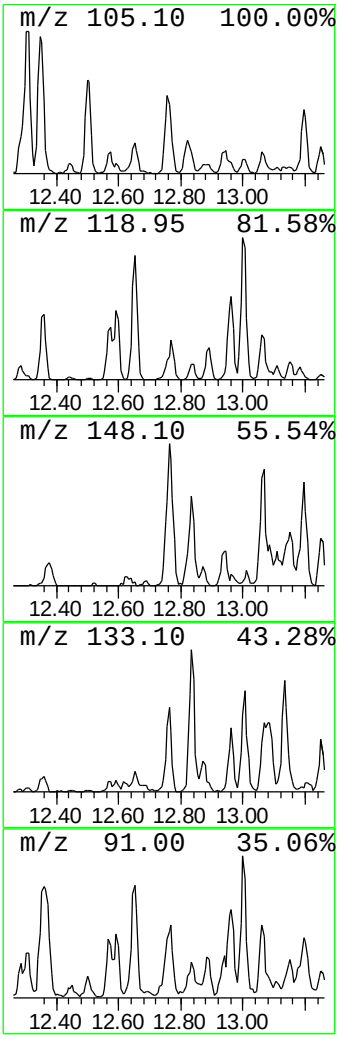
Peak Number 30 Benzene, 1-methyl-4-(1-meth... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	0.98 ug/L	129521	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	53
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	49
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	49
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

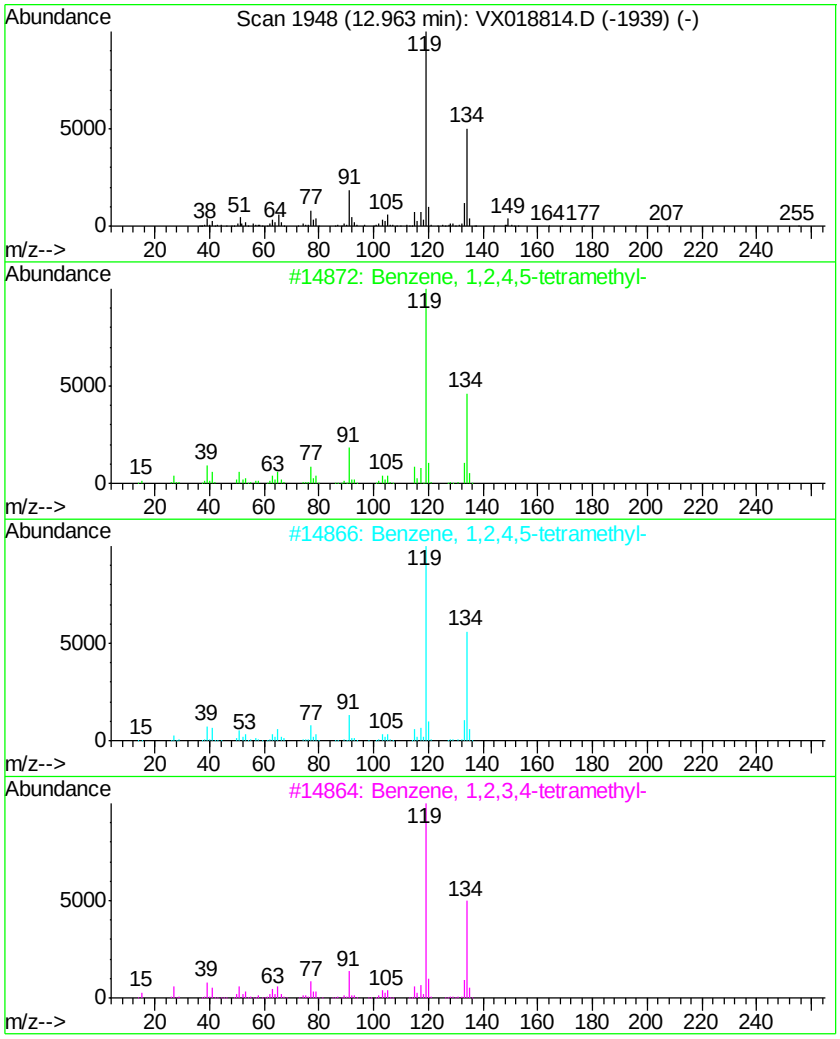
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

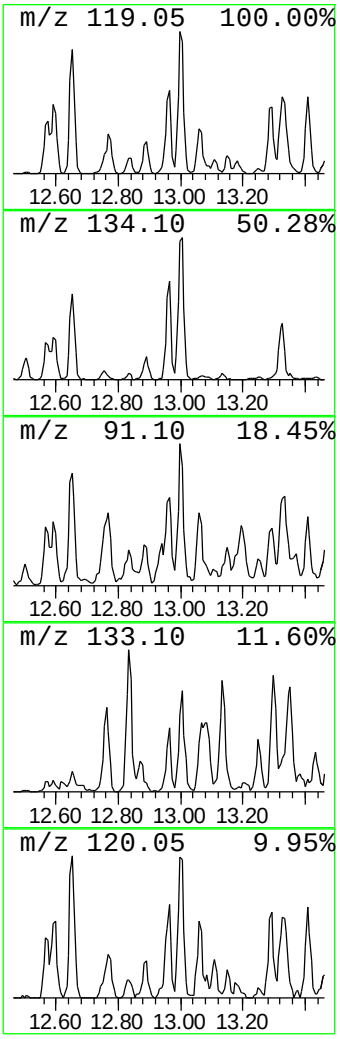
****

Peak Number 31 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	1.50 ug/L	198299	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





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Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

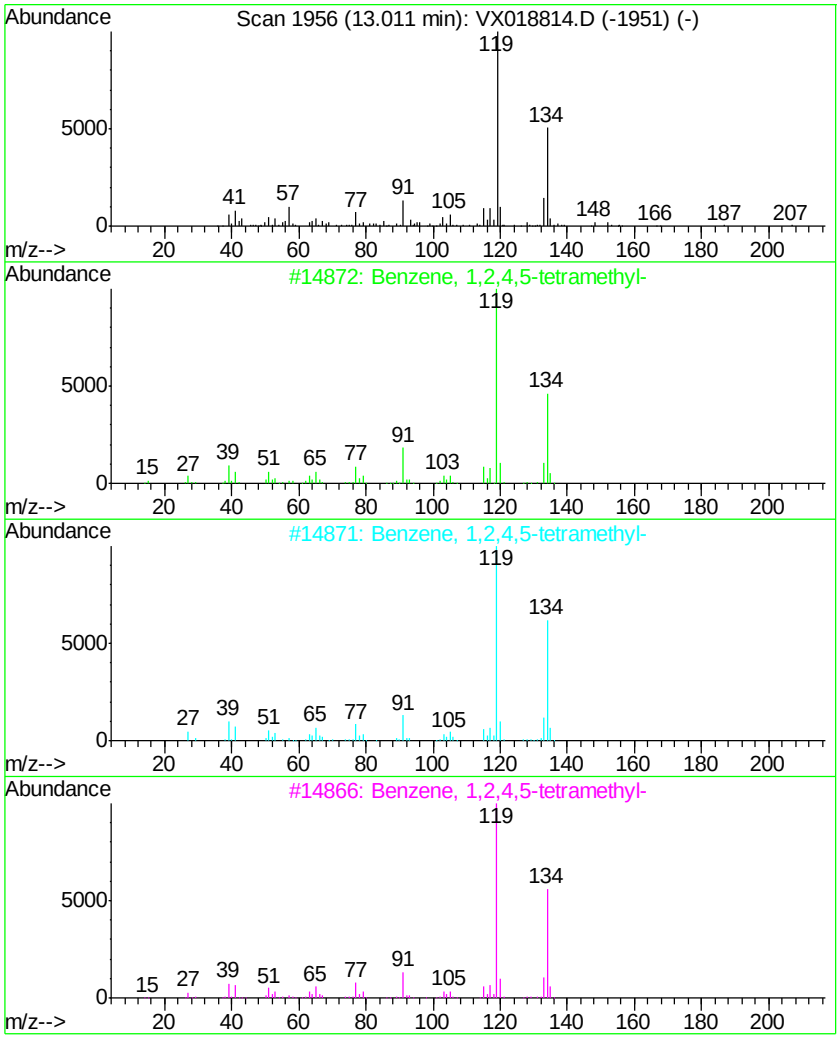
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

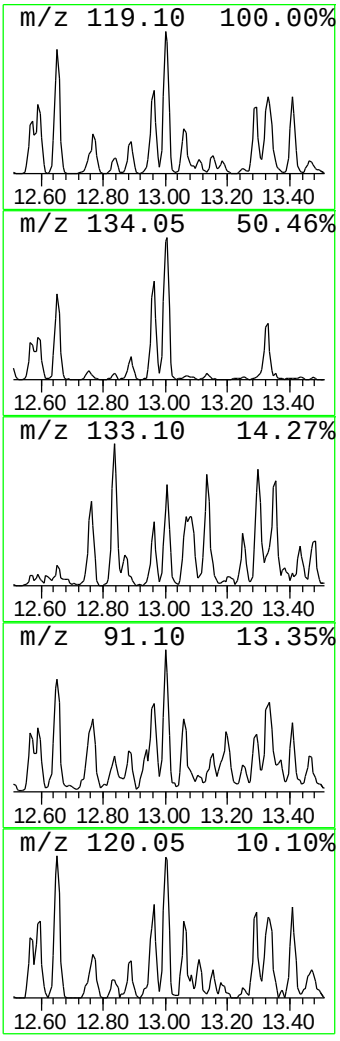
****

Peak Number 32 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	1.83 ug/L	241351	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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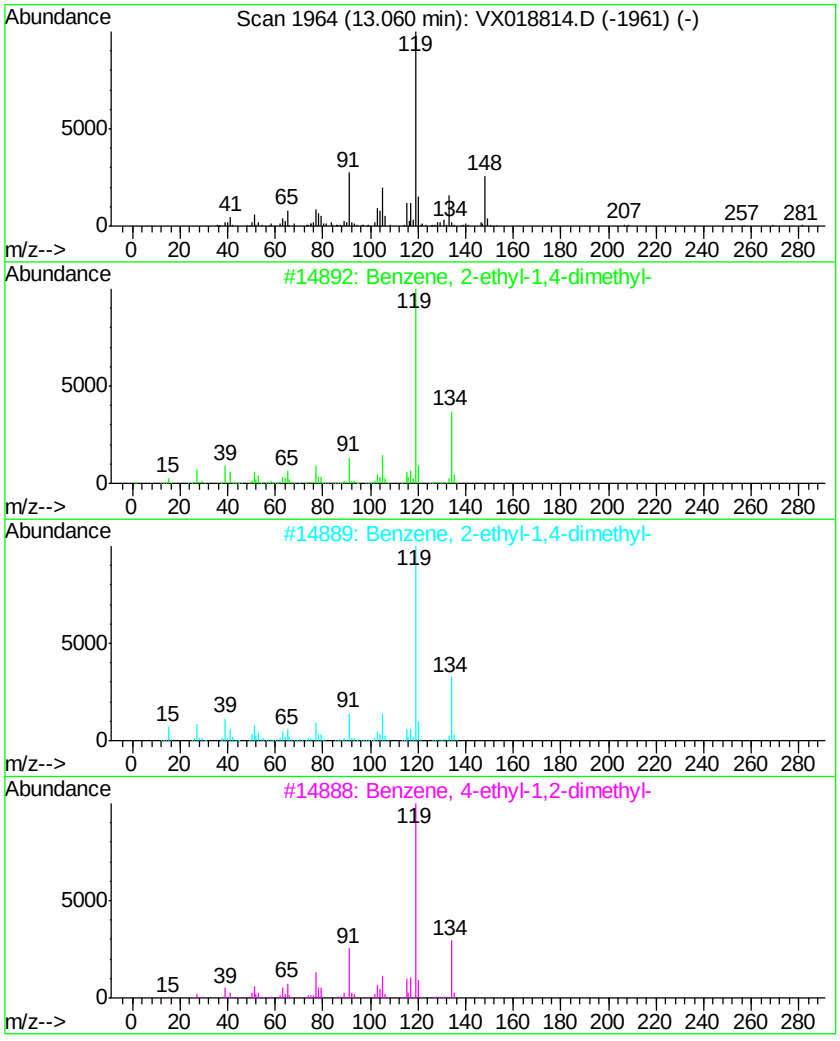
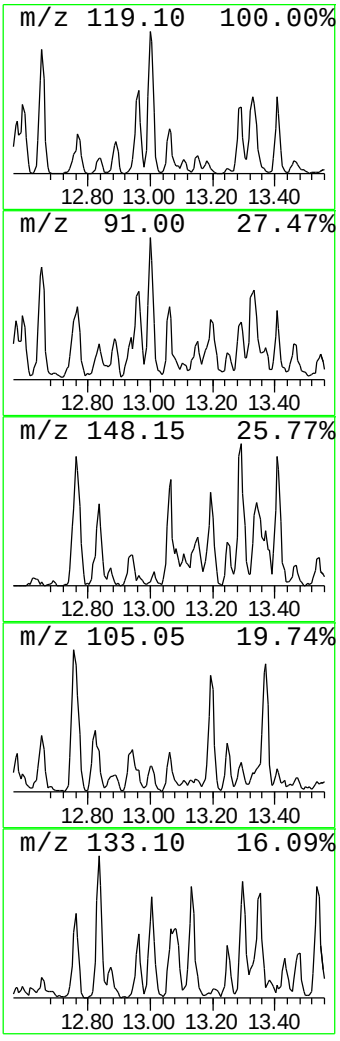
Peak Number 33 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	0.87 ug/L	115244	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	81
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	74
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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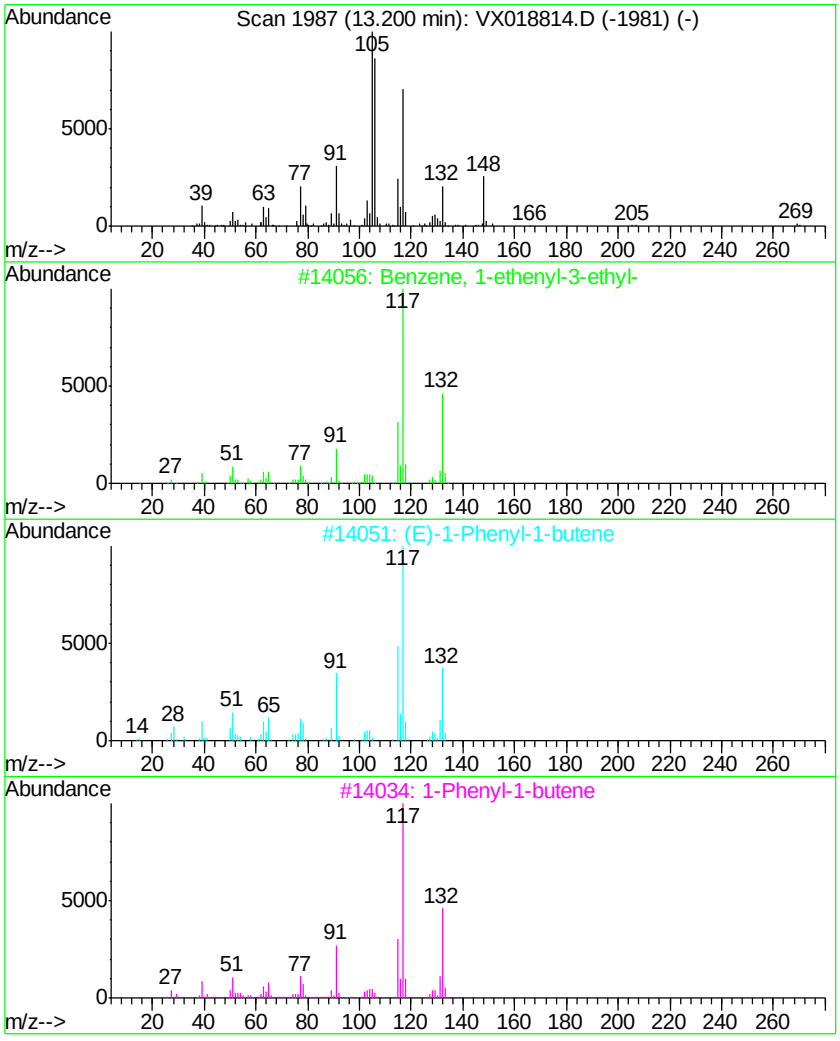
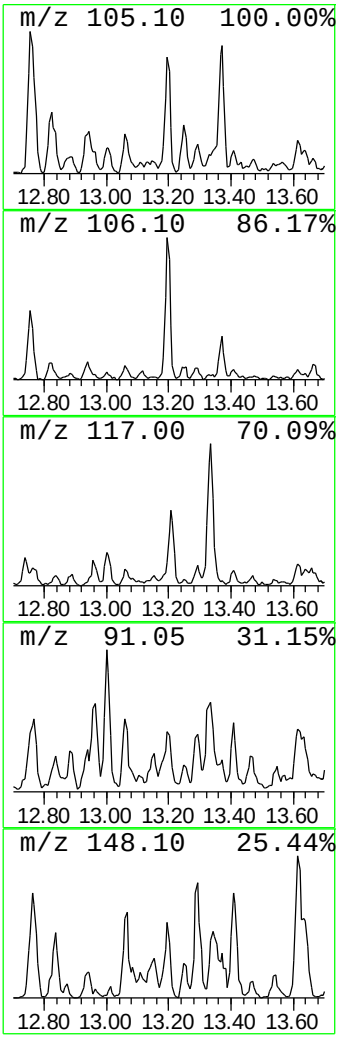
Peak Number 34 unknown-03 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	0.86 ug/L	114094	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	46
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	38
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	38
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	38
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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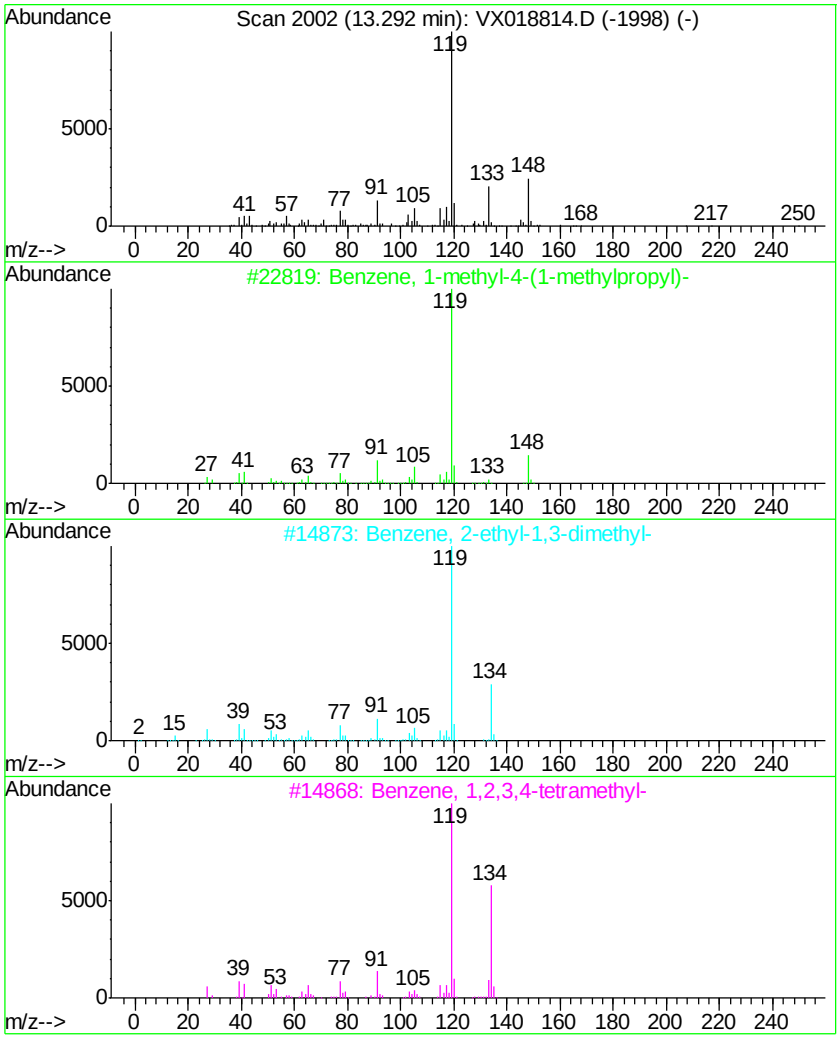
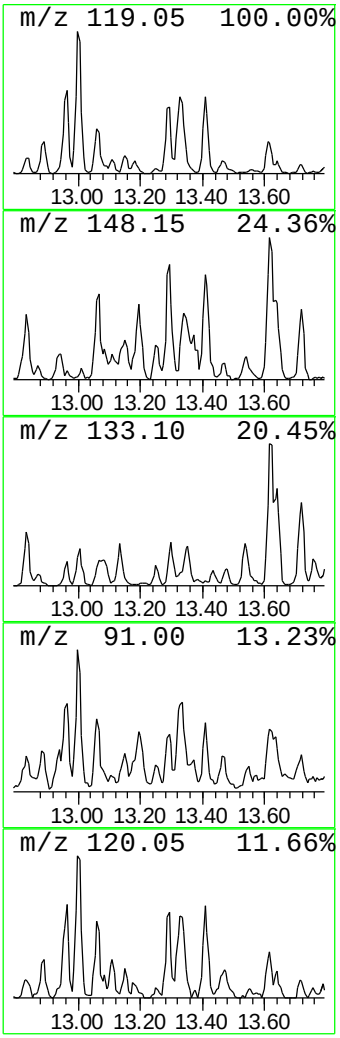
Peak Number 35 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	1.07 ug/L	141882	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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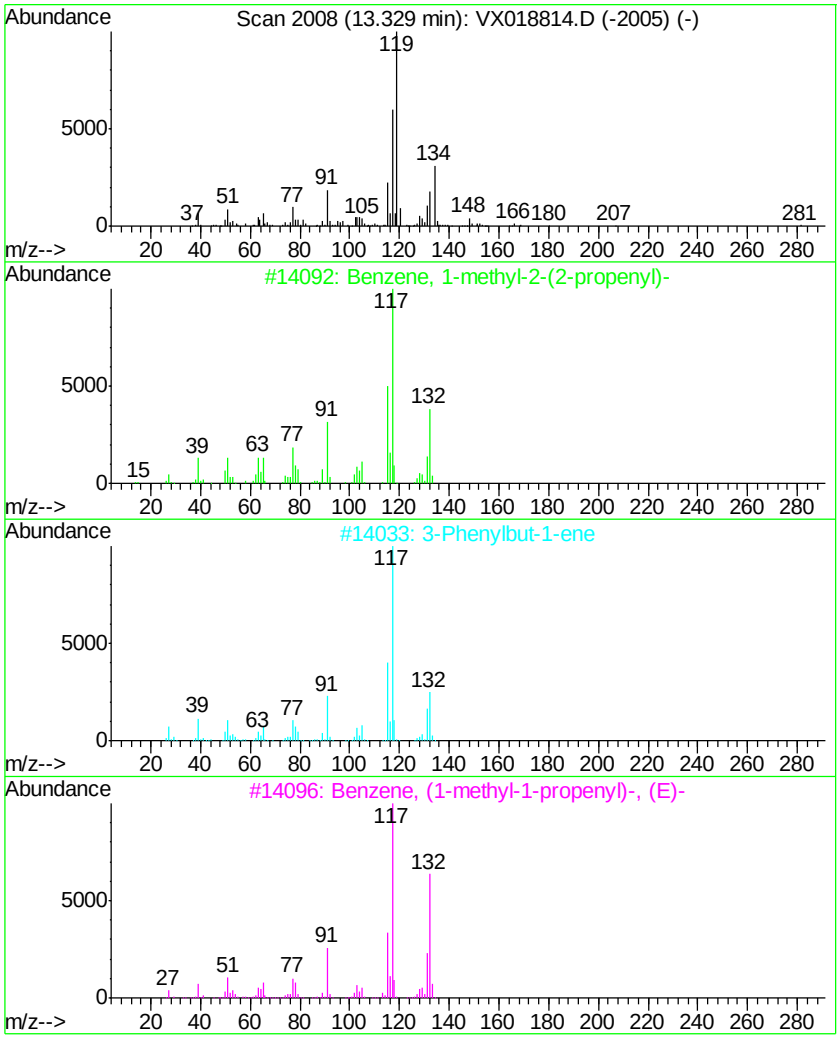
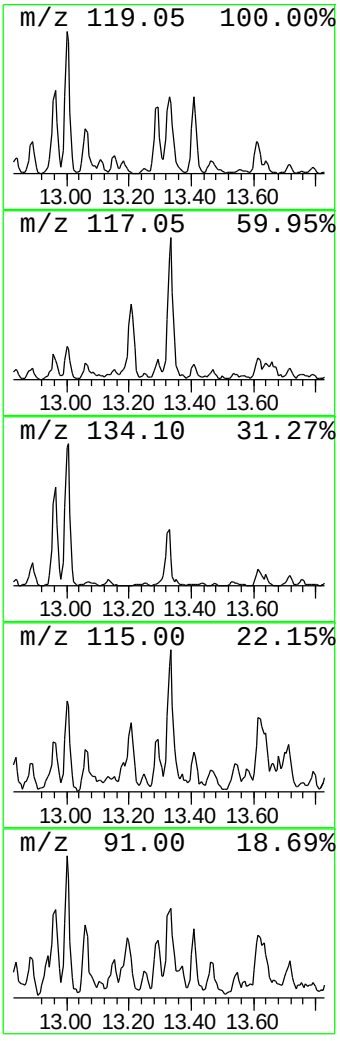
Peak Number 36 Benzene, 1-methyl-2-(2-prop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	1.30 ug/L	171968	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50





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Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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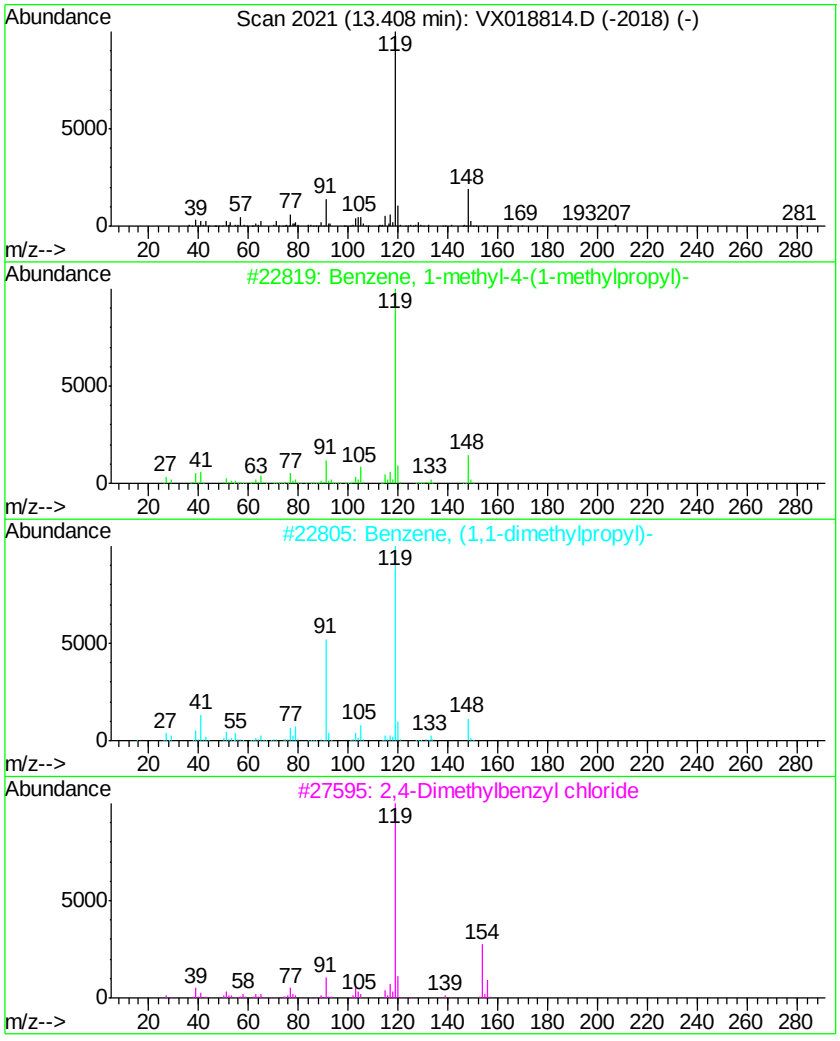
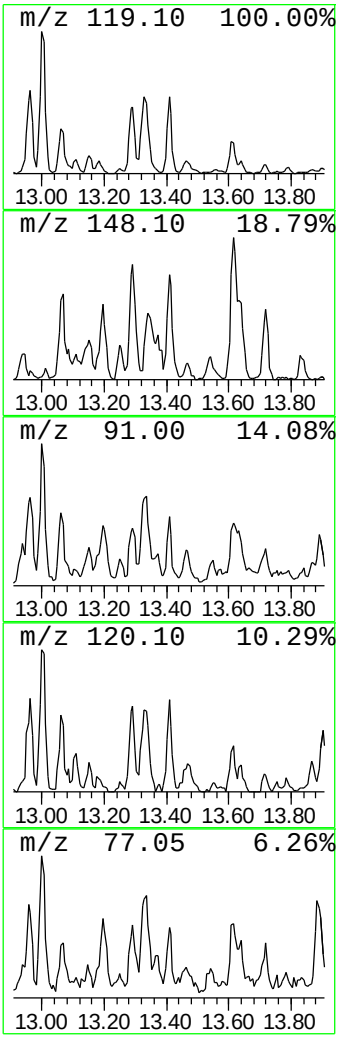
Peak Number 37 Benzene, (1,1-dimethylpropyl)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	0.98 ug/L	129185	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59
5	o-Cymene	134	C10H14	000527-84-4	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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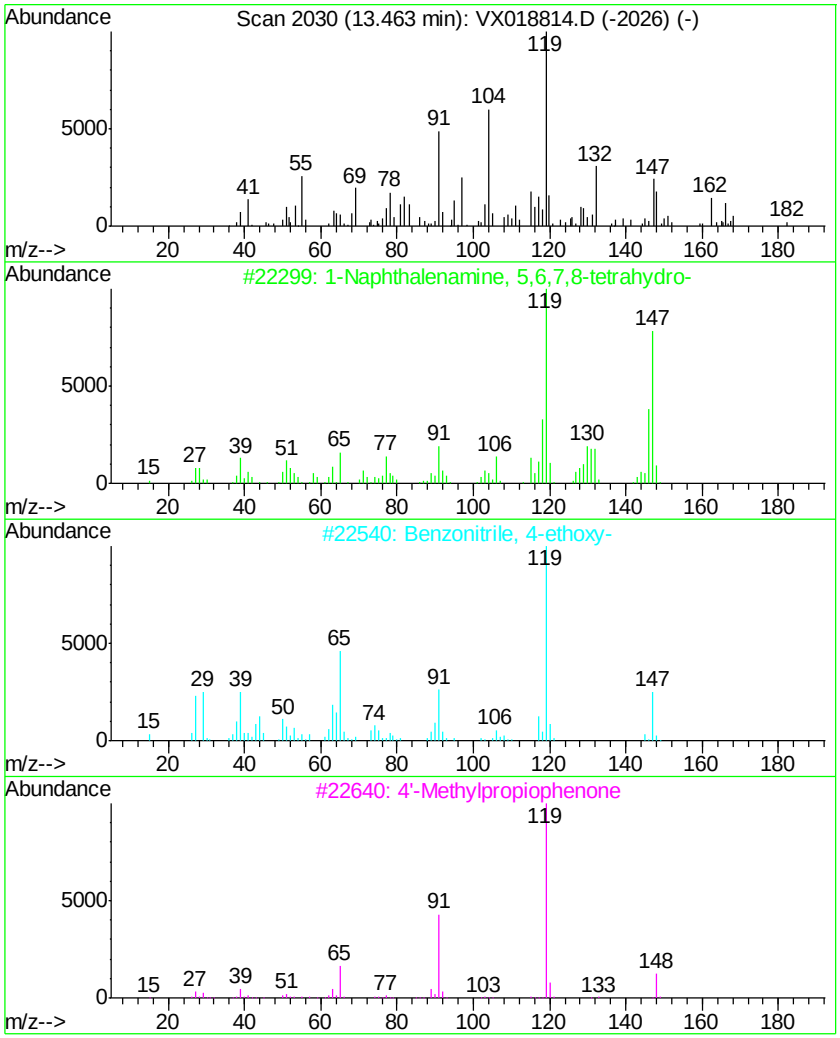
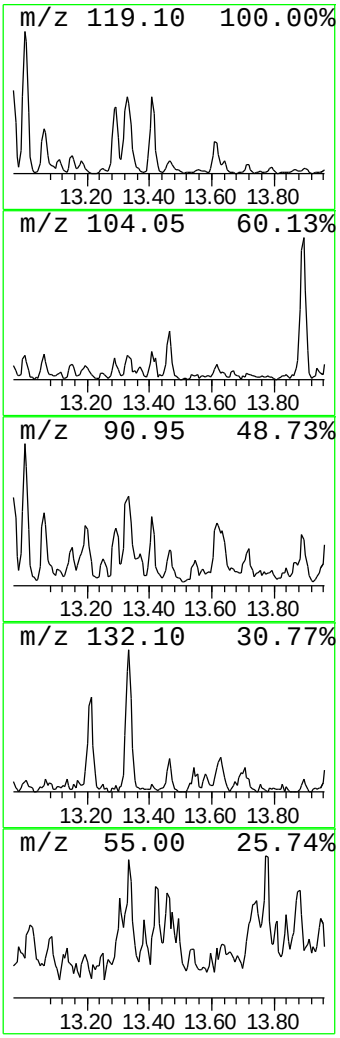
Peak Number 38 unknown-04 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	0.87 ug/L	115172	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	38
2	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	30
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	30
4	1-Propanone, 2-methyl-1-(4-methy...	162	C11H14O	050390-51-7	27
5	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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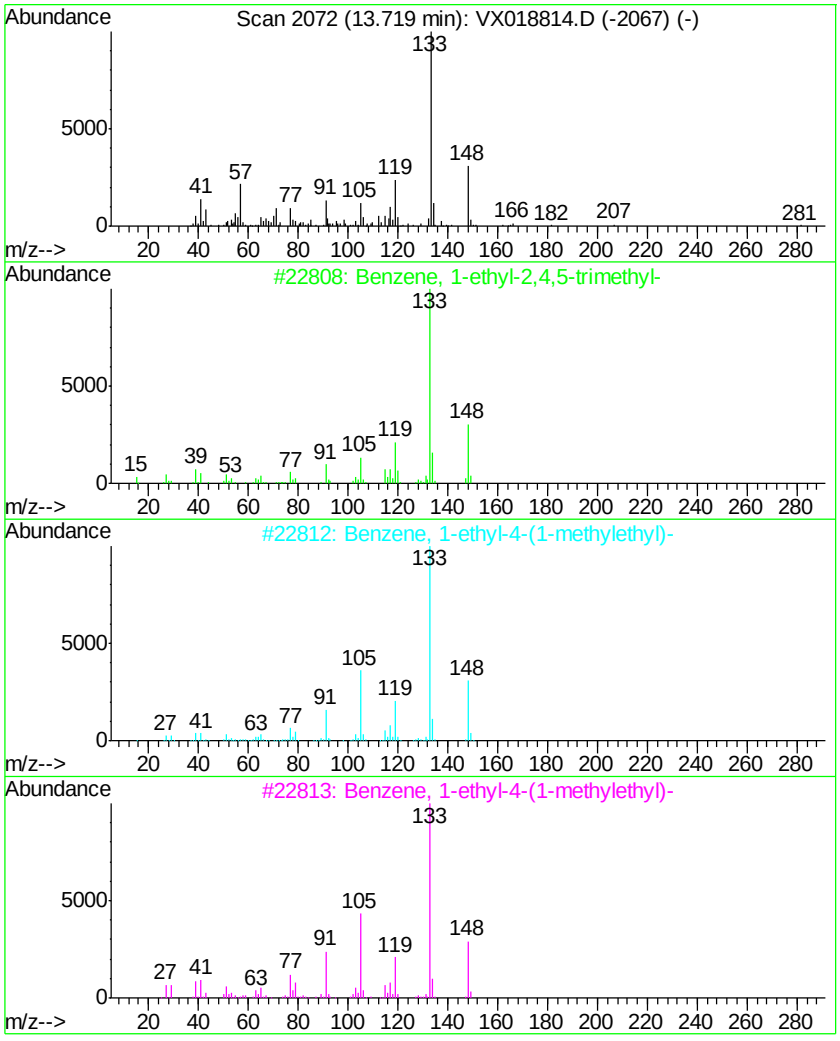
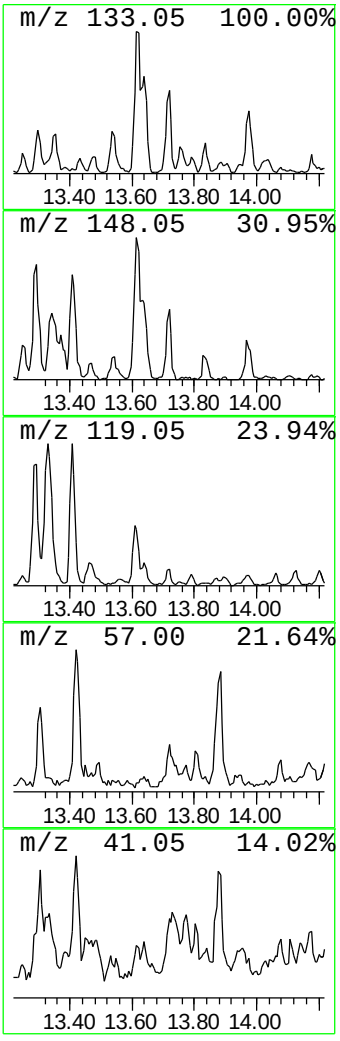
Peak Number 39 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	0.61 ug/L	81179	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	90
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

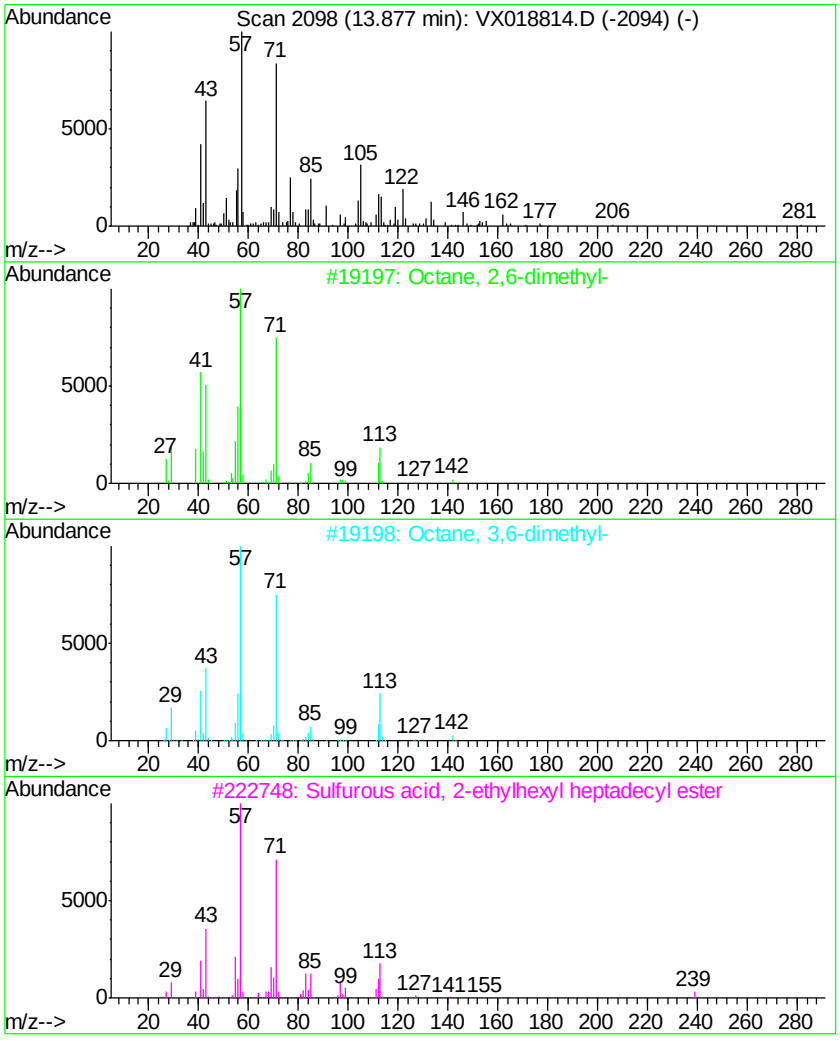
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

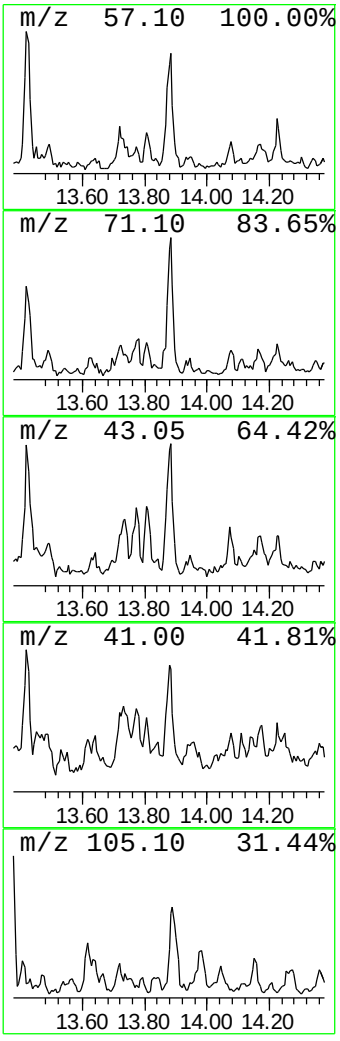
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	1.18 ug/L	156148	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	46
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	38
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	38
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

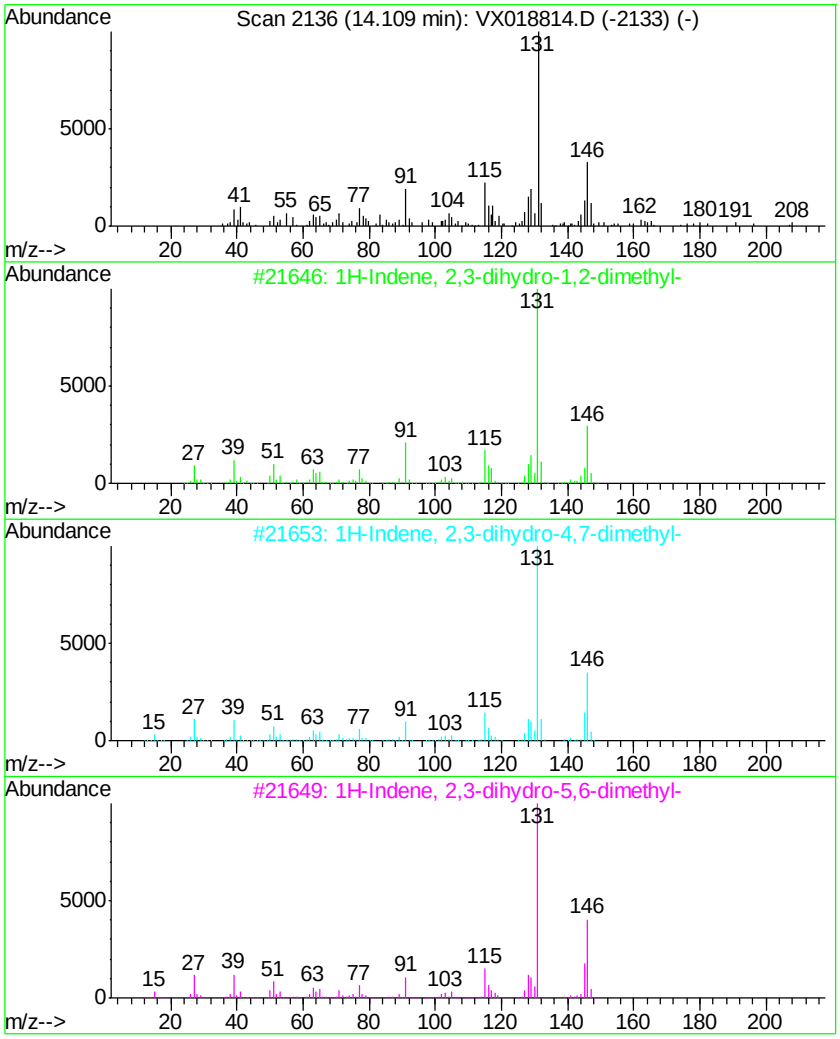
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

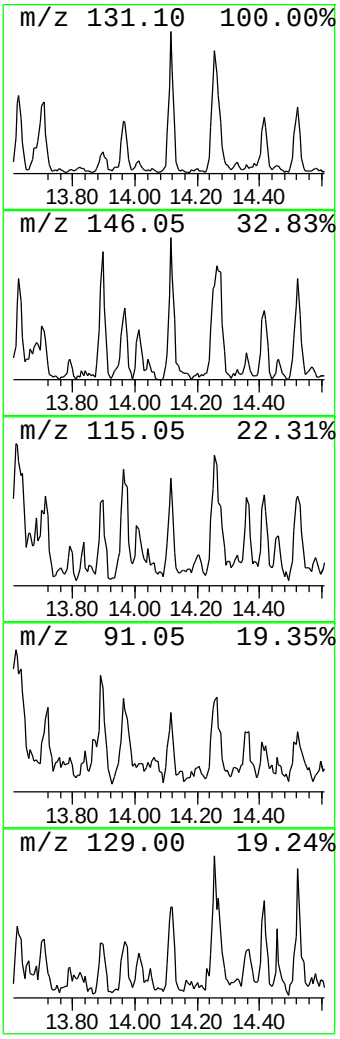
****

Peak Number 41 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	0.61 ug/L	80008	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93





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Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

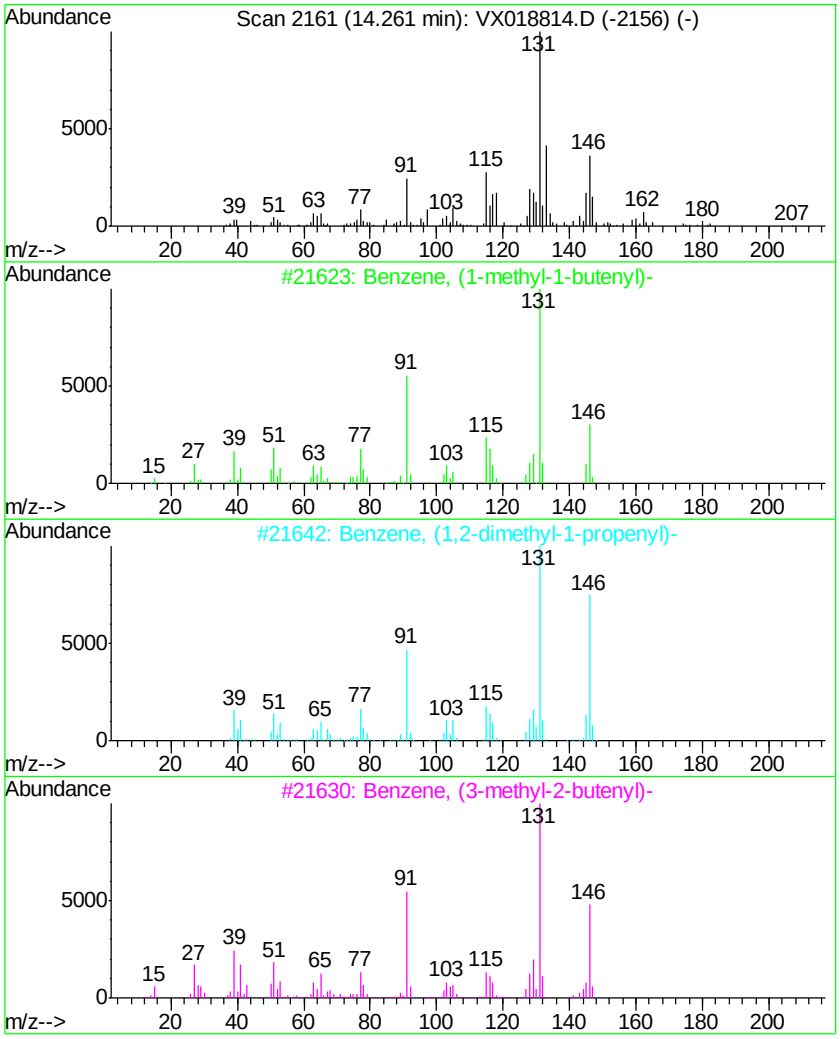
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

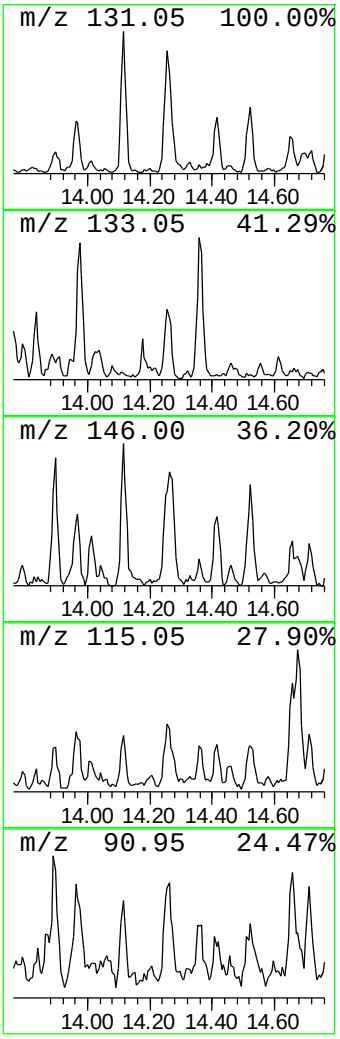
****

Peak Number 42 Benzene, (1-methyl-1-butenyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	1.02 ug/L	134059	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	58
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

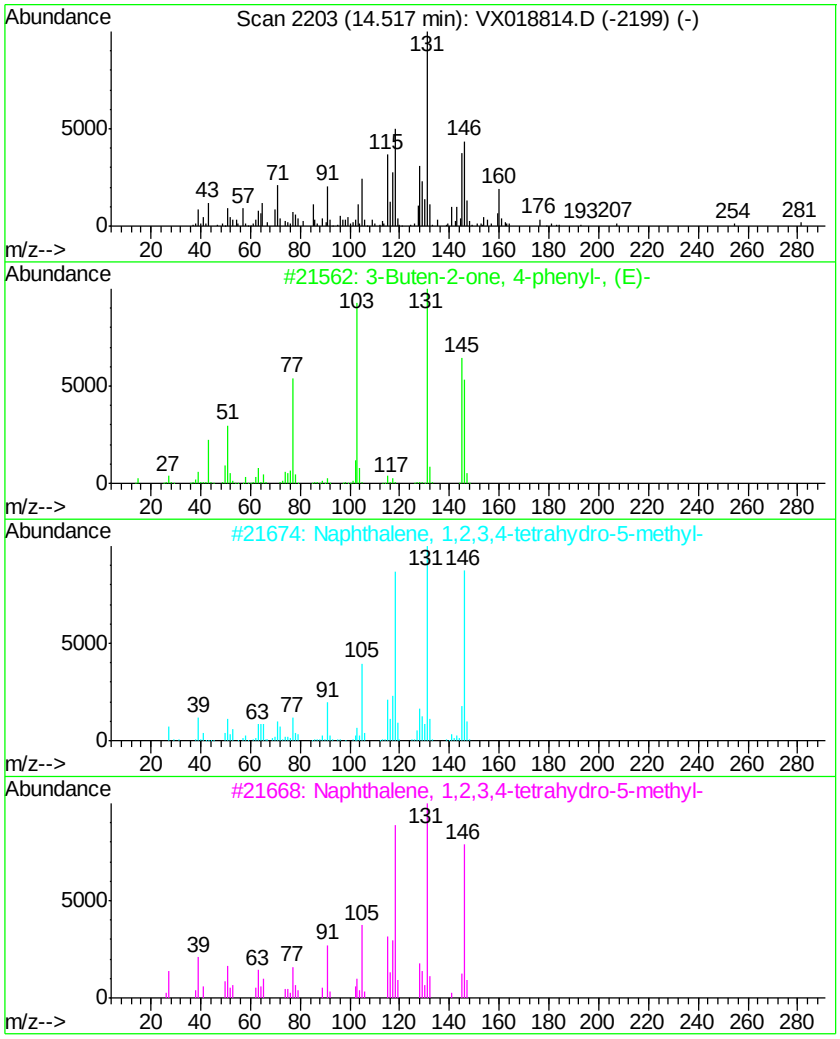
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

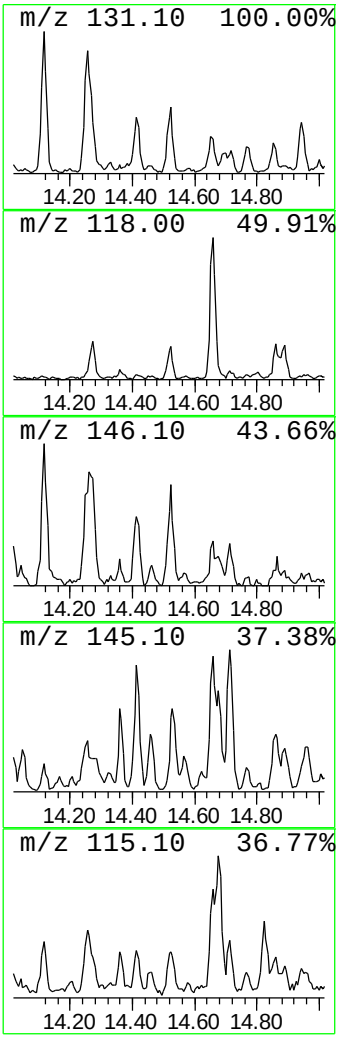
****

Peak Number 43 unknown-05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	0.80 ug/L	105497	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	49
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
4	1,3,5-Trisilacyclohexane, 1-methyl-	146	C4H14Si3	018148-11-3	43
5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

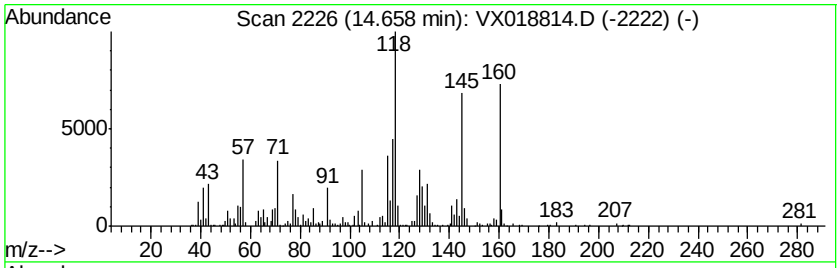
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

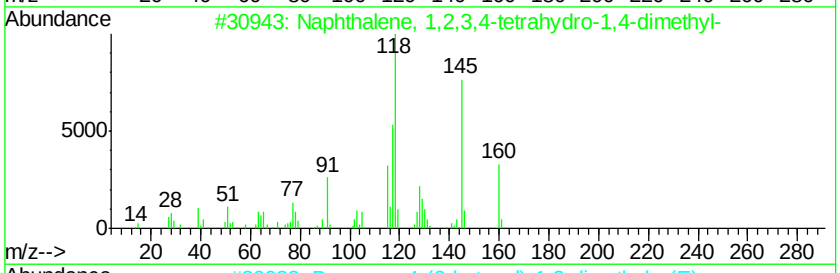
****

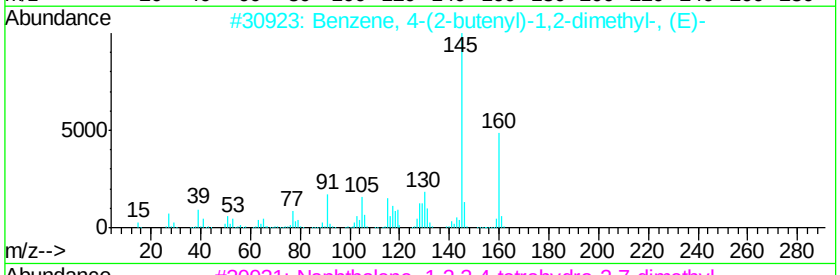
Peak Number 44 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

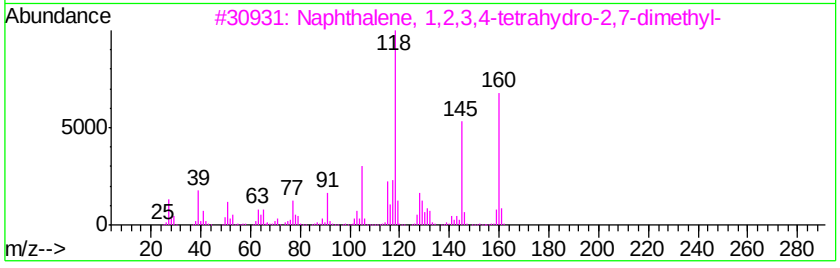
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	1.39 ug/L	183123	1,4-Dichlorobenzene-d4	12.06

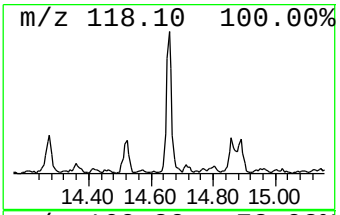
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	58
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	43

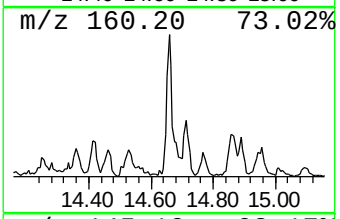


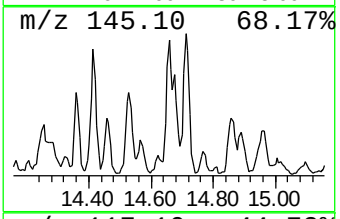


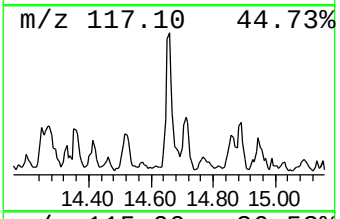


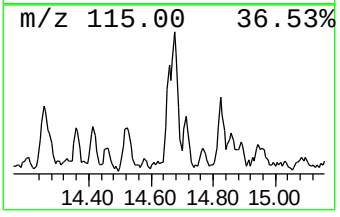












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

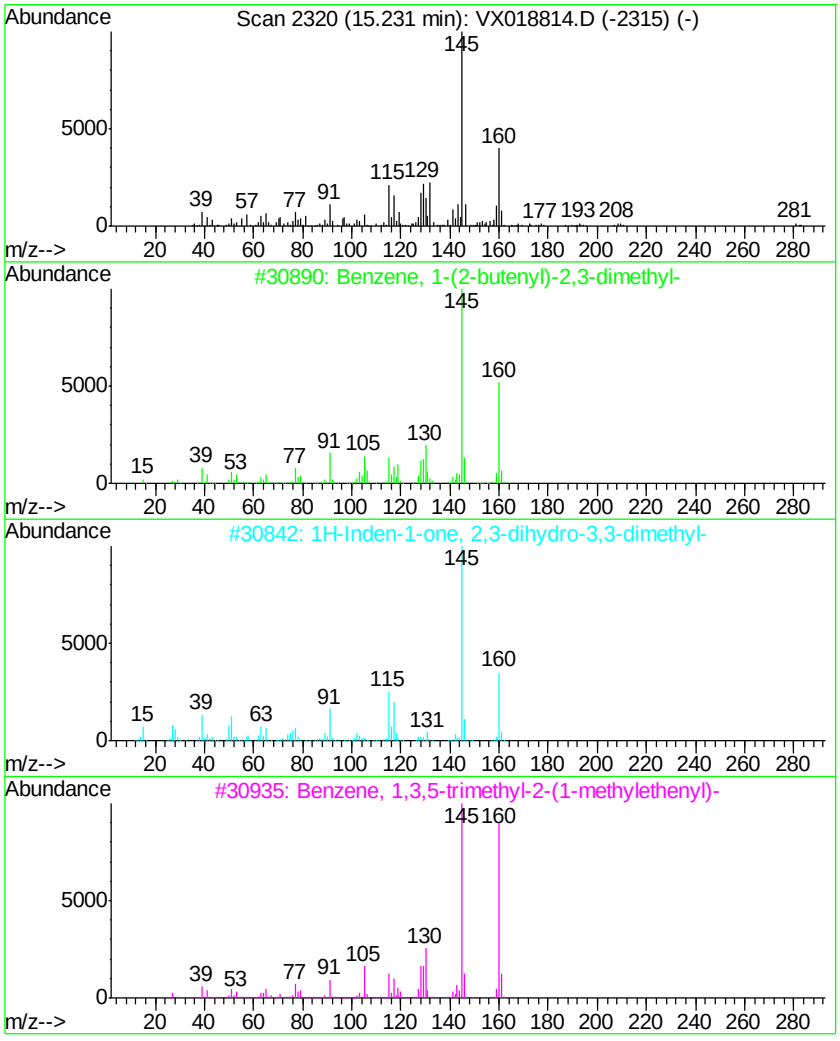
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

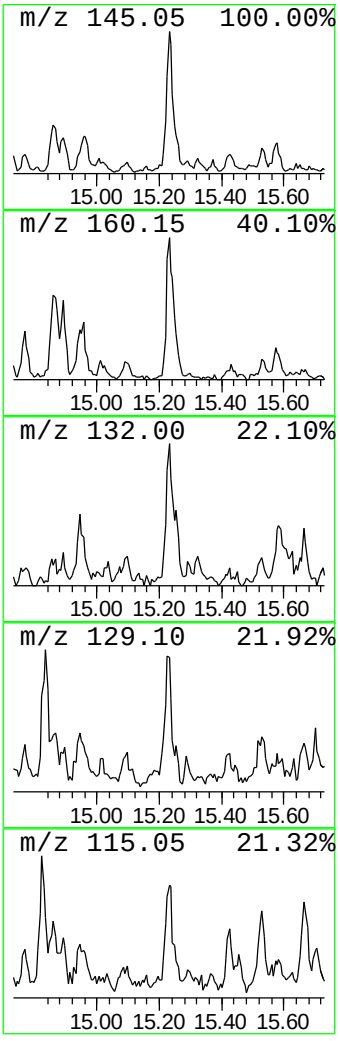
****

Peak Number 45 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	0.78 ug/L	103458	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	91
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	89





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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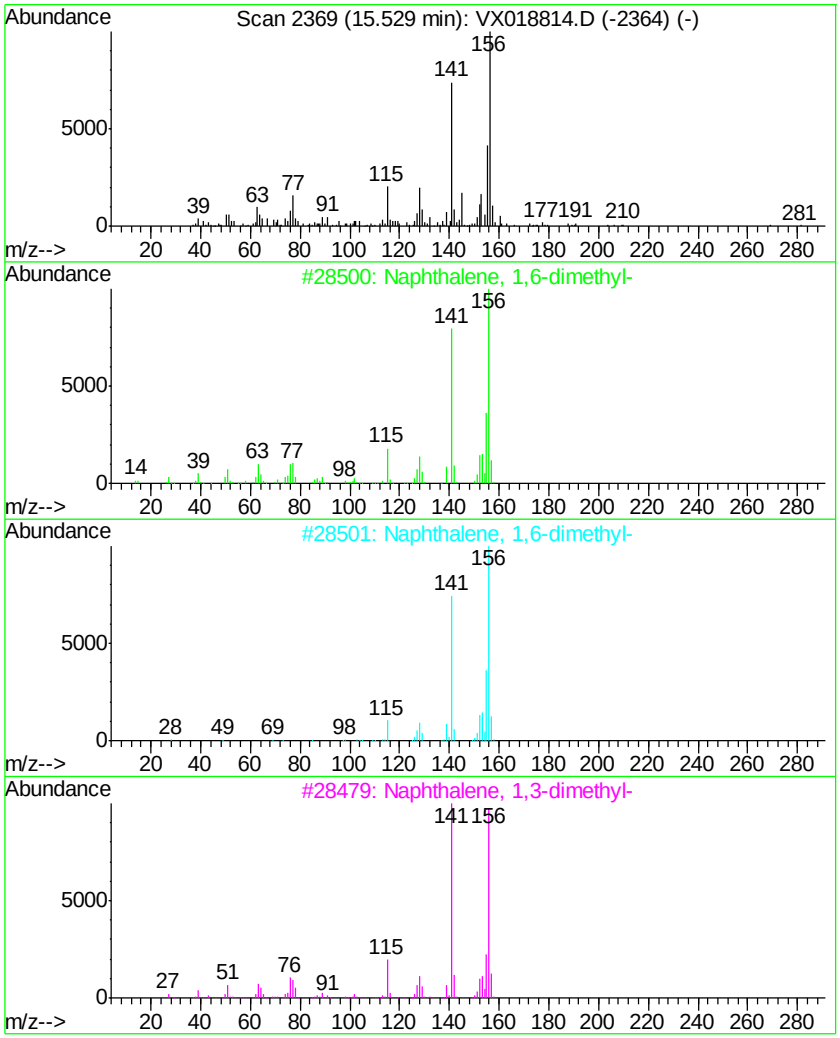
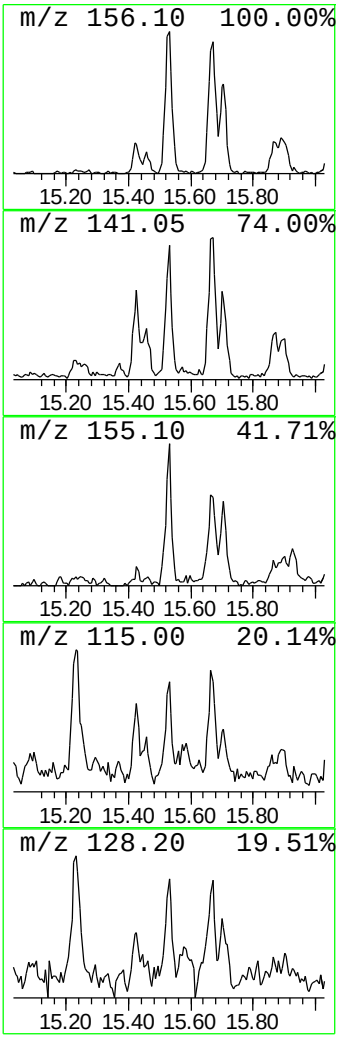
Peak Number 46 Naphthalene, 1,6-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	0.66 ug/L	86996	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

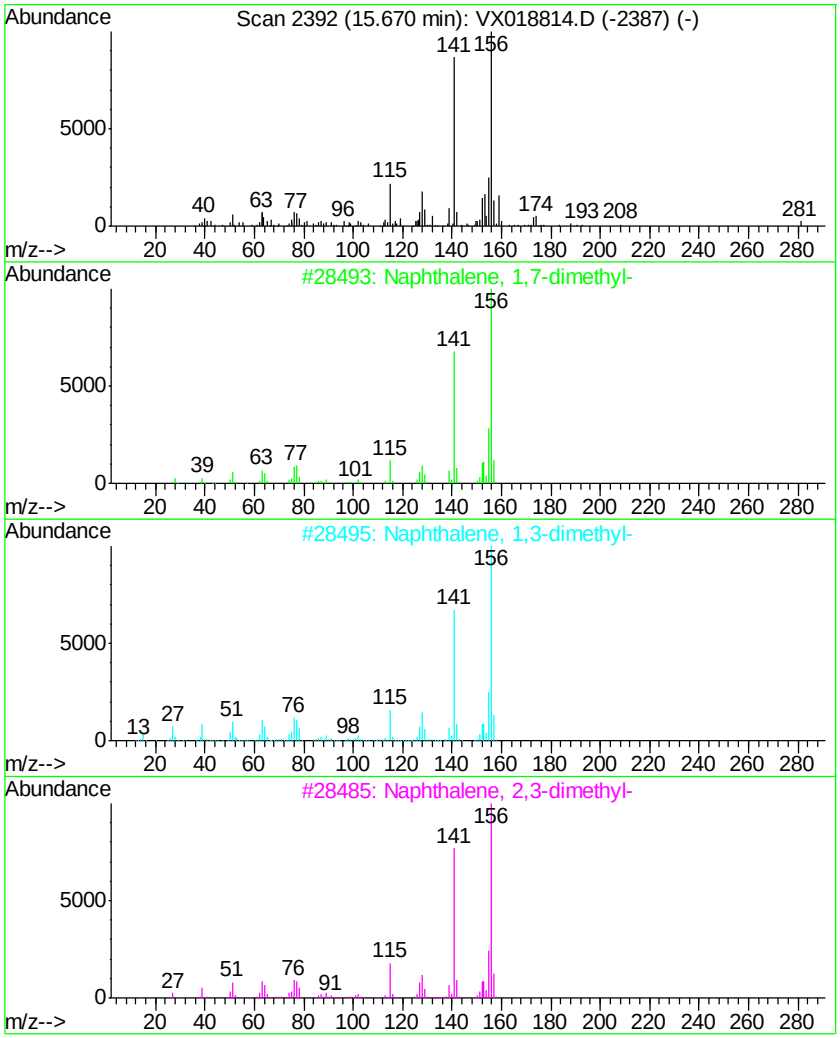
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

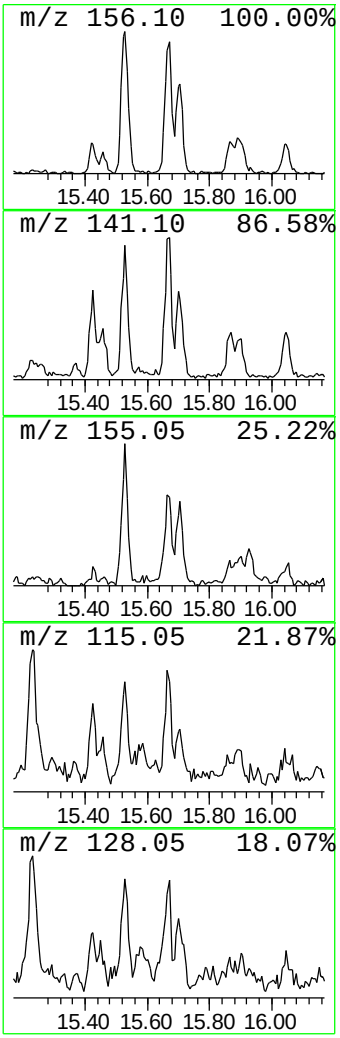
****

Peak Number 47 Naphthalene, 1,7-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	0.75 ug/L	98915	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100720\
Data File : VX018814.D
Acq On : 07 Oct 2020 16:24
Operator : JC/SP
Sample : L4240-03DL 40X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.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
Sulfur dioxide	1.45	1.8	ug/L	132693	1	6.83	364380	5.0
unknown-01	2.82	1.5	ug/L	106630	1	6.83	364380	5.0
(DEL) Alkane: Str...	2.87	10.4	ug/L	759485	1	6.83	364380	5.0
(DEL) Alkane: Str...	3.15	19.9	ug/L	1451390	1	6.83	364380	5.0
(DEL) Alkane: Str...	3.49	40.5	ug/L	2954740	1	6.83	364380	5.0
(DEL) Alkane: Str...	4.11	4.1	ug/L	301329	1	6.83	364380	5.0
(DEL) Alkane: Str...	4.28	3.4	ug/L	245311	1	6.83	364380	5.0
(DEL) Alkane: Cyc...	4.37	11.5	ug/L	840483	1	6.83	364380	5.0
(DEL) Alkane: Str...	7.15	1.8	ug/L	127701	1	6.83	364380	5.0
(DEL) Alkane: Cyc...	7.82	0.6	ug/L	45783	1	6.83	364380	5.0
(DEL) Alkane: Cyc...	8.01	0.9	ug/L	64007	1	6.83	364380	5.0
(DEL) Alkane: Str...	8.24	0.5	ug/L	37624	1	6.83	364380	5.0
(DEL) Alkane: Str...	8.32	0.8	ug/L	55015	1	6.83	364380	5.0
(DEL) Alkane: Str...	8.48	0.7	ug/L	55276	2	10.10	417162	5.0
(DEL) Alkane: Str...	8.55	0.6	ug/L	51242	2	10.10	417162	5.0
(DEL) Alkane: Cyc...	8.82	1.9	ug/L	160288	2	10.10	417162	5.0
(DEL) Alkane: Cyc...	9.15	1.8	ug/L	151774	2	10.10	417162	5.0
(DEL) Alkane: Cyc...	9.55	1.8	ug/L	148489	2	10.10	417162	5.0
(DEL) Alkane: Cyc...	9.60	1.1	ug/L	93735	2	10.10	417162	5.0
(DEL) Alkane: Cyc...	9.66	1.7	ug/L	142043	2	10.10	417162	5.0
unknown-02	9.74	0.5	ug/L	44488	2	10.10	417162	5.0
(DEL) Alkane: Cyc...	9.87	0.9	ug/L	72661	2	10.10	417162	5.0
Mesitylene	11.79	0.8	ug/L	110965	3	12.06	660355	5.0
Benzene, 1-methyl...	12.30	1.0	ug/L	137374	3	12.06	660355	5.0
Benzene, 1-methyl...	12.51	0.6	ug/L	75160	3	12.06	660355	5.0
Benzene, 2-ethyl-...	12.57	0.7	ug/L	88831	3	12.06	660355	5.0
Benzene, 1,2,3,5-...	12.59	0.6	ug/L	79562	3	12.06	660355	5.0
Benzene, 2-ethyl-...	12.65	1.4	ug/L	183420	3	12.06	660355	5.0
Benzene, 1-methyl...	12.76	1.0	ug/L	129521	3	12.06	660355	5.0
Benzene, 1,2,4,5-...	12.96	1.5	ug/L	198299	3	12.06	660355	5.0
1,3-Cyclopentadie...	13.01	1.8	ug/L	241351	3	12.06	660355	5.0
Benzene, 4-ethyl-...	13.06	0.9	ug/L	115244	3	12.06	660355	5.0
unknown-03	13.20	0.9	ug/L	114094	3	12.06	660355	5.0
Benzene, 1,2,3,4-...	13.29	1.1	ug/L	141882	3	12.06	660355	5.0
Benzene, 1-methyl...	13.33	1.3	ug/L	171968	3	12.06	660355	5.0
Benzene, (1,1-dim...	13.41	1.0	ug/L	129185	3	12.06	660355	5.0
unknown-04	13.46	0.9	ug/L	115172	3	12.06	660355	5.0
Benzene, 1-ethyl-...	13.72	0.6	ug/L	81179	3	12.06	660355	5.0
(DEL) Alkane: Str...	13.88	1.2	ug/L	156148	3	12.06	660355	5.0
1H-Indene, 2,3-di...	14.11	0.6	ug/L	80008	3	12.06	660355	5.0
Benzene, (1-methy...	14.26	1.0	ug/L	134059	3	12.06	660355	5.0
unknown-05	14.52	0.8	ug/L	105497	3	12.06	660355	5.0
Naphthalene, 1,2,...	14.66	1.4	ug/L	183123	3	12.06	660355	5.0
Benzene, 1-(2-but...	15.23	0.8	ug/L	103458	3	12.06	660355	5.0
Naphthalene, 1,6-...	15.53	0.7	ug/L	86996	3	12.06	660355	5.0
Naphthalene, 1,7-...	15.67	0.8	ug/L	98915	3	12.06	660355	5.0