LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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	56	rBV2	134384	352549	2.55%	0.648%
2	2.343	200	206	218	rVB	114520	188133	1.36%	0.346%
3	2.825	277	285	287	rBV	312461	582253	4.21%	1.070%
4	2.874	287	293	309	rVB	2025572	4238494	30.66%	7.787%
5	3.154	328	339	358	rVB	3541118	7925767	57.34%	14.562%
6	3.501	386	396	415	rBV	6097172	13821954	100.00%	25.395%
7	4.117	485	497	511	rBV2	376903	1166564	8.44%	2.143%
8	4.282	513	524	530	rVV2	277043	811621	5.87%	1.491%
9	4.373	530	539	553	rVB	1458524	4191708	30.33%	7.701%
10	4.550	554	568	583	rBV4	63790	291374	2.11%	0.535%
11	5.141	653	665	673	rBV2	72789	238626	1.73%	0.438%
12	5.550	718	732	747	rBV2	106657	327914	2.37%	0.602%
13	6.044	800	813	833	rBV2	173628	536750	3.88%	0.986%
14	6.830	932	942	951	rBV	152670	425363	3.08%	0.782%
15	7.153	988	995	1006	rVB2	86090	230384	1.67%	0.423%
16	7.367	1021	1030	1037	rBV	108348	242383	1.75%	0.445%
17	8.373	1190	1195	1201	rVB4	155101	285349	2.06%	0.524%
18	8.647	1233	1240	1243	rBV2	232225	411371	2.98%	0.756%
19	8.690	1243	1247	1255	rVB2	316101	580787	4.20%	1.067%
20	8.818	1262	1268	1273	rBV	202462	350981	2.54%	0.645%
21	8.958	1286	1291	1294	rBV2	100122	157880	1.14%	0.290%
22	9.019	1294	1301	1309	rVB2	539728	943884	6.83%	1.734%
23	9.147	1313	1322	1328	rBV	185210	304819	2.21%	0.560%
24	9.427	1362	1368	1379	rBV	417094	608034	4.40%	1.117%
25	9.555	1382	1389	1393	rBV3	108176	190924	1.38%	0.351%
26	9.604	1393	1397	1402	rVB	107127	152451	1.10%	0.280%
27	9.659	1402	1406	1411	rBV	94183	139604	1.01%	0.256%
28	10.122	1472	1482	1487	rBV2	2331011	3459609	25.03%	6.356%
29	11.232	1658	1664	1676	rVB	120984	176810	1.28%	0.325%
30	11.421	1690	1695	1701	rVV	107252	211719	1.53%	0.389%
31	11.793	1751	1756	1766	rVB	275084	347966	2.52%	0.639%
32	12.006	1783	1791	1796	rBV	522675	674013	4.88%	1.238%
33	12.079	1796	1803	1808	rVV2	841669	1441932	10.43%	2.649%
34	12.305	1832	1840	1844	rBV2	202265	387756	2.81%	0.712%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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	12.360	1844	1849	1858	rVB2	660891	1009551	7.30%	1.855%
36	12.500	1868	1872	1878	rVB	127161	157204	1.14%	0.289%
37	12.567	1878	1883	1885	rBV	206198	263272	1.90%	0.484%
38	12.591	1885	1887	1892	rVV	227575	257018	1.86%	0.472%
39	12.652	1892	1897	1901	rVV	446619	503221	3.64%	0.925%
40	12.762	1907	1915	1920	rBV5	148598	294312	2.13%	0.541%
41	12.884	1931	1935	1940	rVB	132286	177013	1.28%	0.325%
42	12.957	1940	1947	1951	rBV	324635	475261	3.44%	0.873%
43	13.000	1951	1954	1960	rVB	543673	642692	4.65%	1.181%
44	13.061	1960	1964	1970	rBV2	121380	209490	1.52%	0.385%
45	13.207	1981	1988	1992	rVB4	143373	249656	1.81%	0.459%
46	13.292	1998	2002	2004	rBV2	161722	215720	1.56%	0.396%
47	13.329	2004	2008	2013	rVB2	363927	531854	3.85%	0.977%
48	13.408	2018	2021	2027	rVV	127393	168383	1.22%	0.309%
49	13.628	2051	2057	2063	rVV3	326223	651318	4.71%	1.197%
50	13.713	2067	2071	2075	rVB3	98308	153502	1.11%	0.282%
51	13.890	2094	2100	2106	rVB2	115253	188079	1.36%	0.346%
52	13.969	2106	2113	2116	rBV2	125848	209555	1.52%	0.385%
53	14.115	2132	2137	2141	rBV	121540	156557	1.13%	0.288%
54	14.256	2155	2160	2169	rVB3	130697	266058	1.92%	0.489%
55	14.524	2198	2204	2208	rBV2	112344	173751	1.26%	0.319%
56	14.658	2221	2226	2227	rBV	148981	202933	1.47%	0.373%
57	14.676	2227	2229	2232	rVV	236363	275490	1.99%	0.506%
58	15.225	2314	2319	2327	rBV2	109828	219710	1.59%	0.404%
59	15.524	2363	2368	2373	rBV	123106	195495	1.41%	0.359%
60	15.664	2386	2391	2394	rBV	121479	182960	1.32%	0.336%

Sum of corrected areas: 54427781

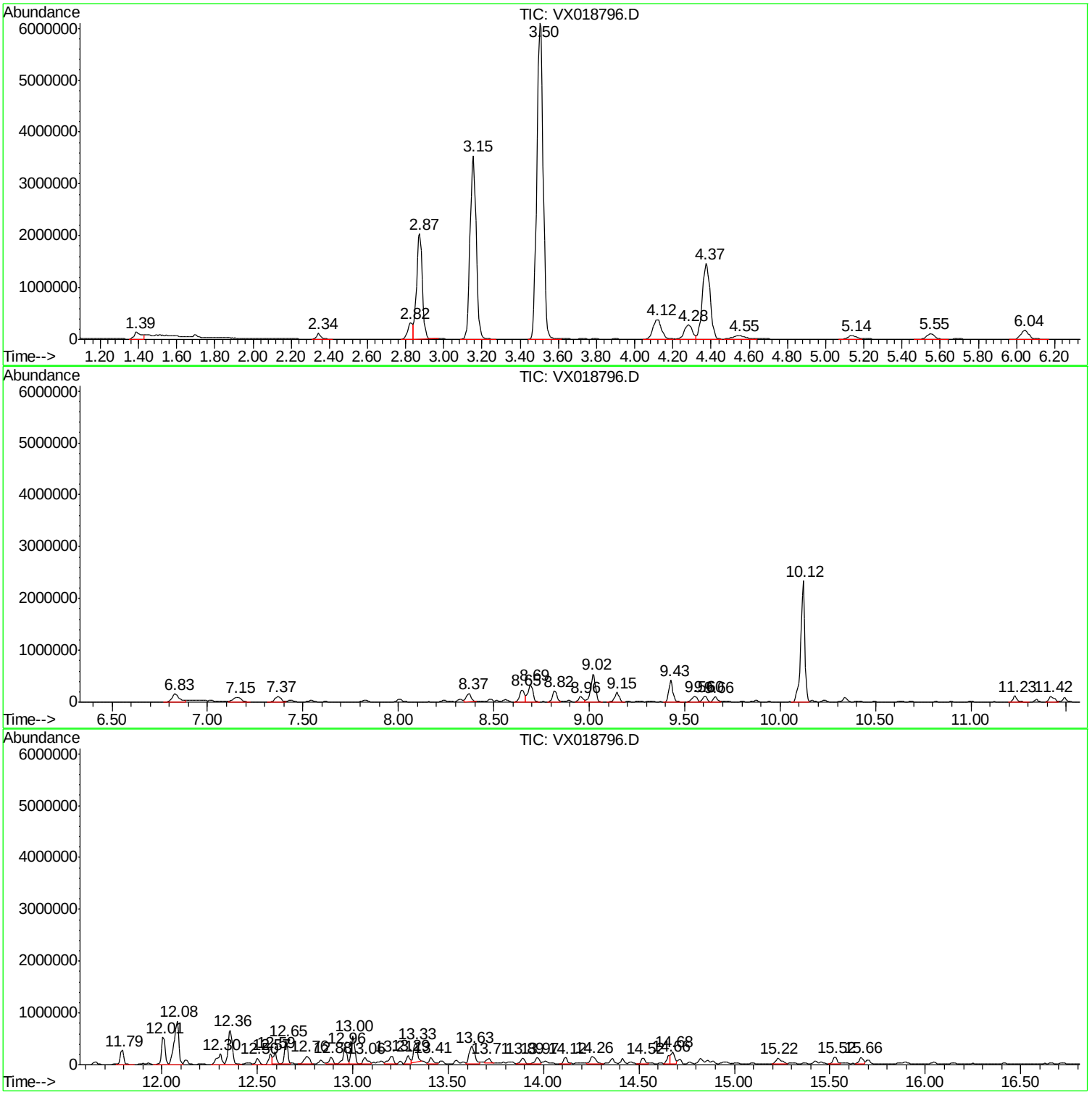
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

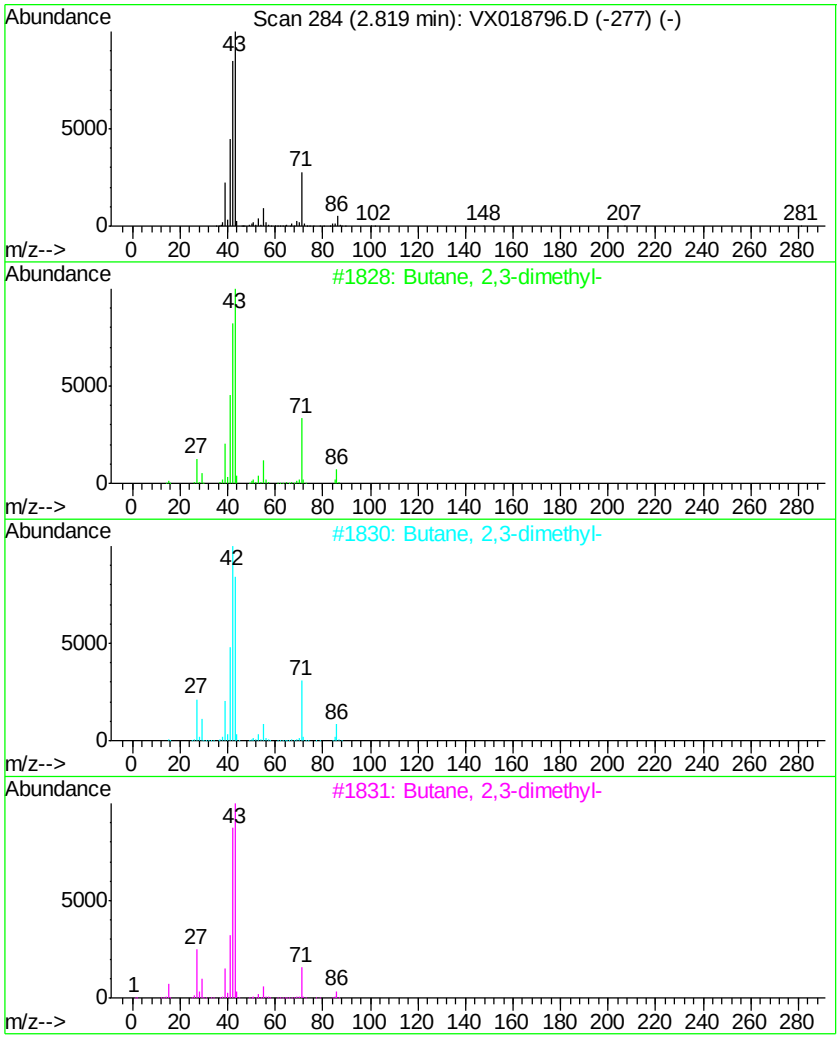
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

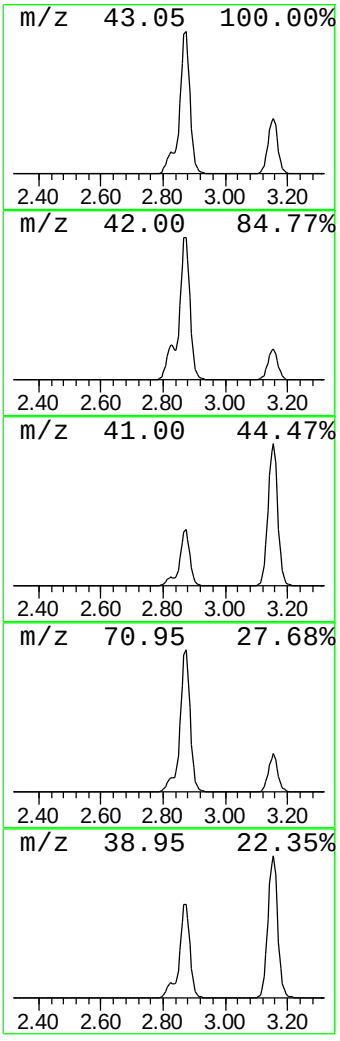
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	6.84 ug/L	582253	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

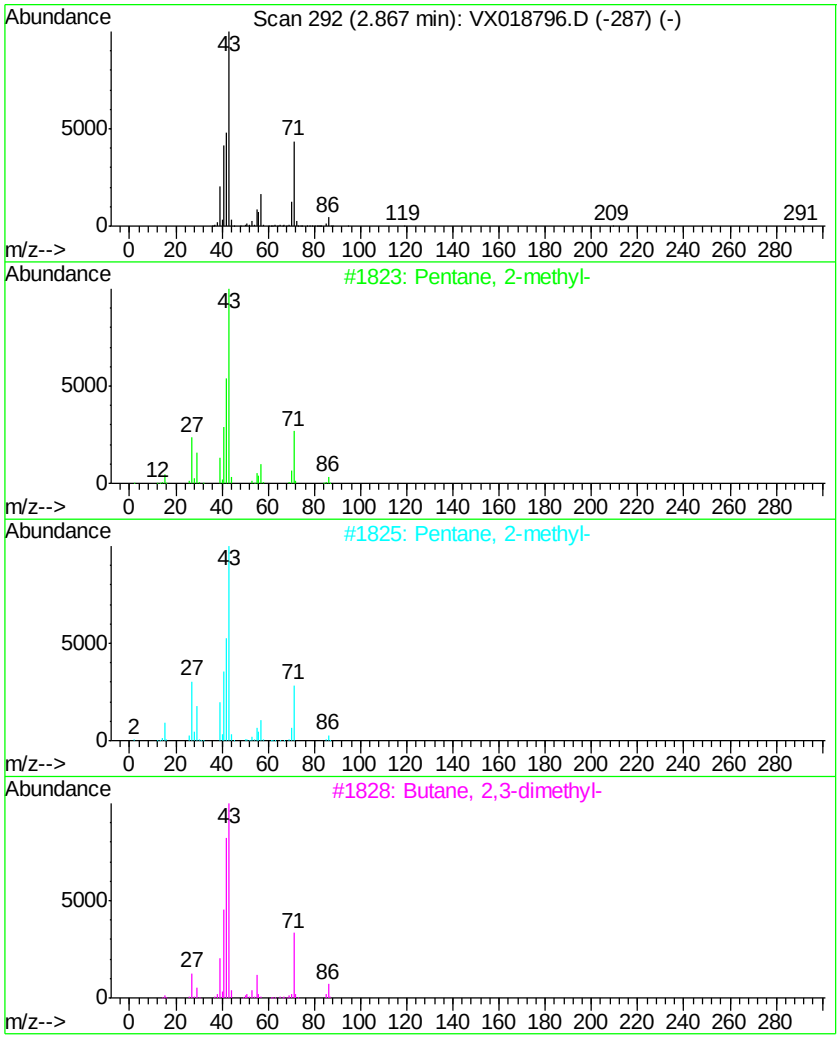
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

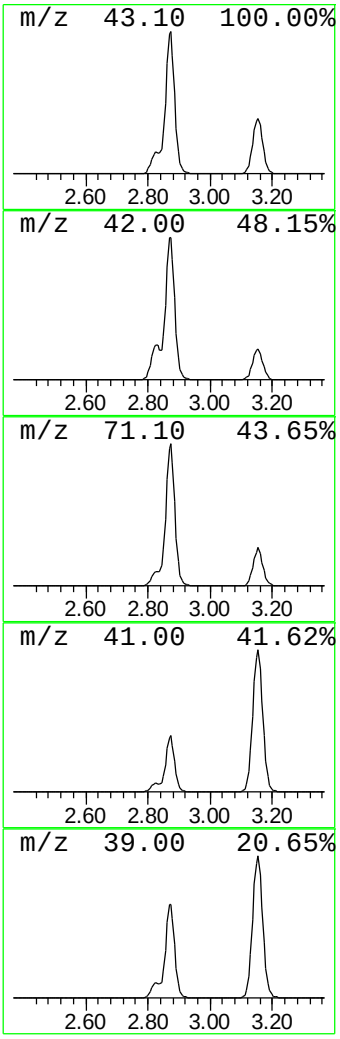
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	49.82 ug/L	4238490	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
4	Pentane	72	C5H12	000109-66-0	46
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

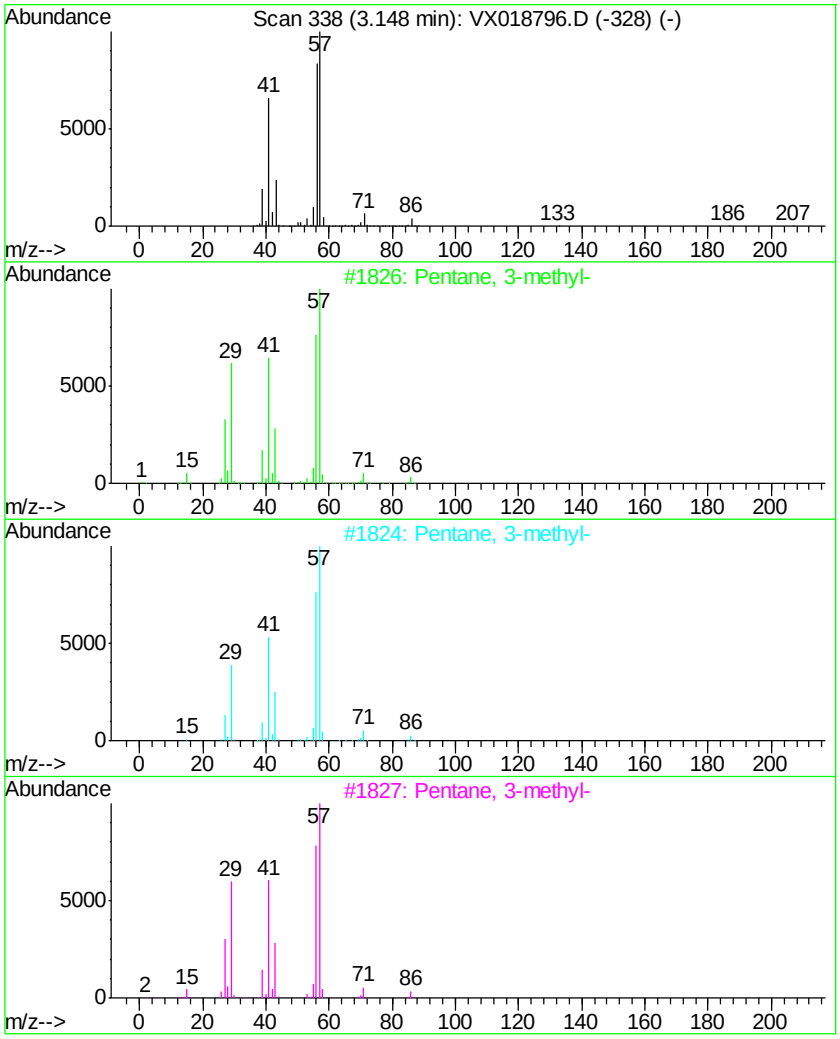
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

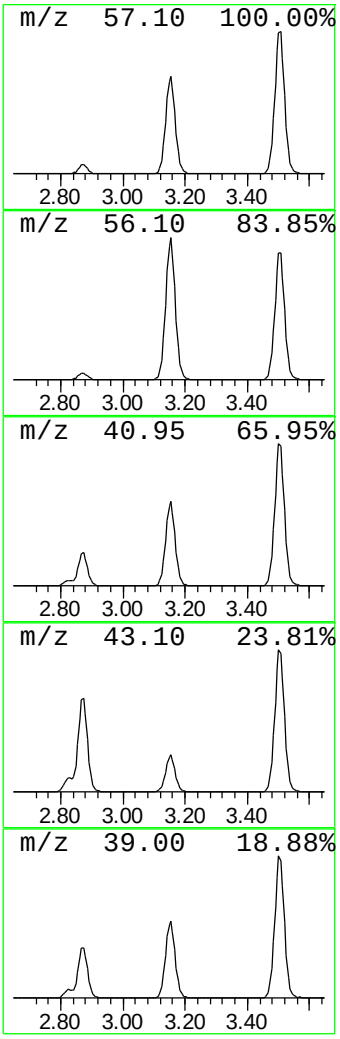
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	93.16 ug/L	7925770	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	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	83
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

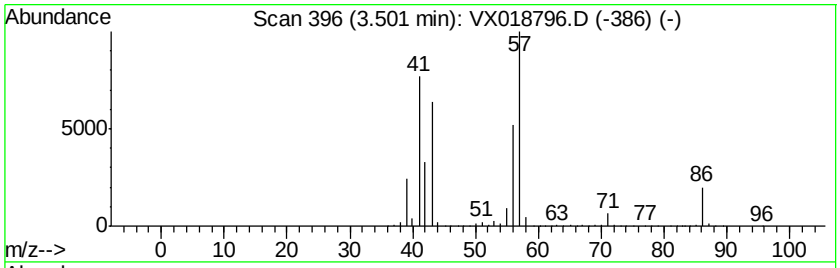
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

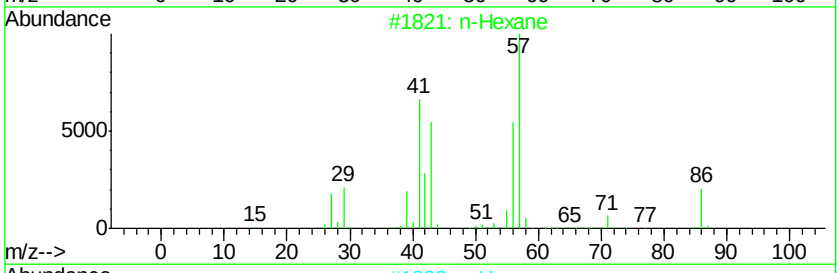
****

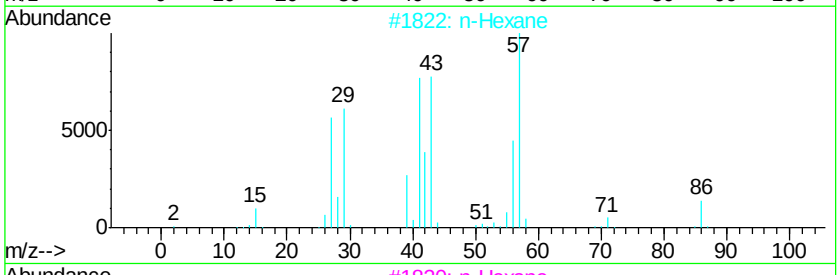
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

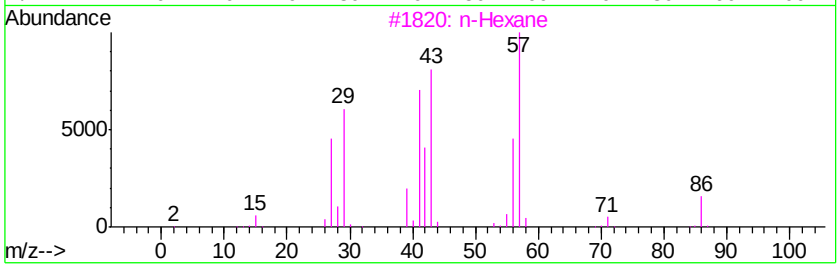
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	162.47 ug/L	13822000	1,4-Difluorobenzene	6.83

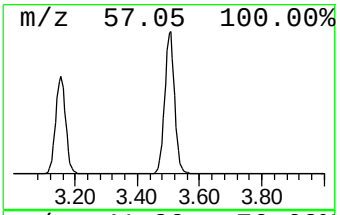
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43

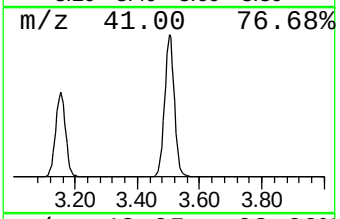


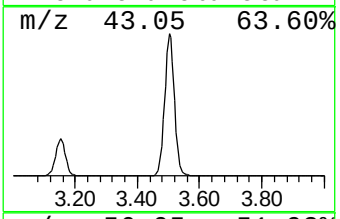


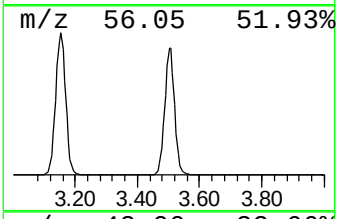


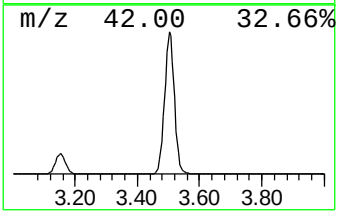












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Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
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Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

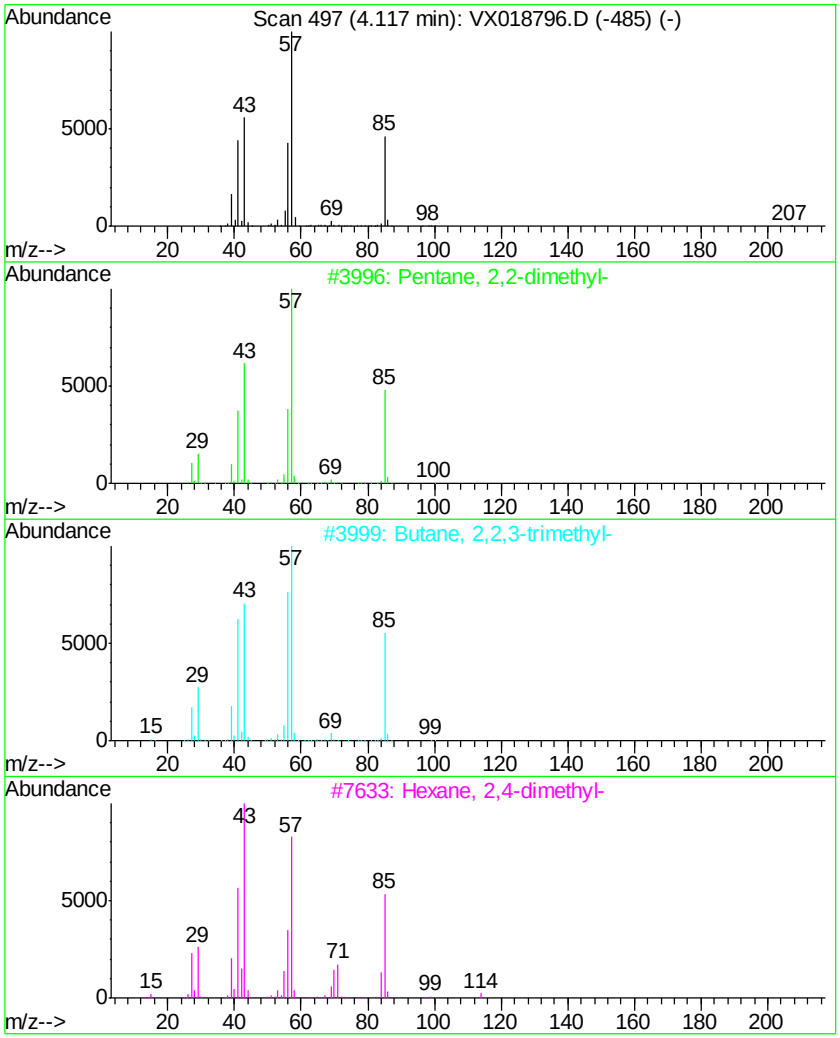
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

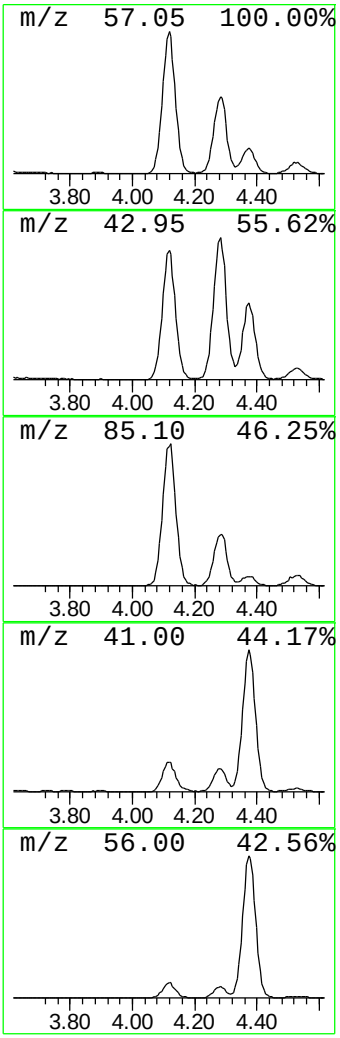
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	13.71 ug/L	1166560	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

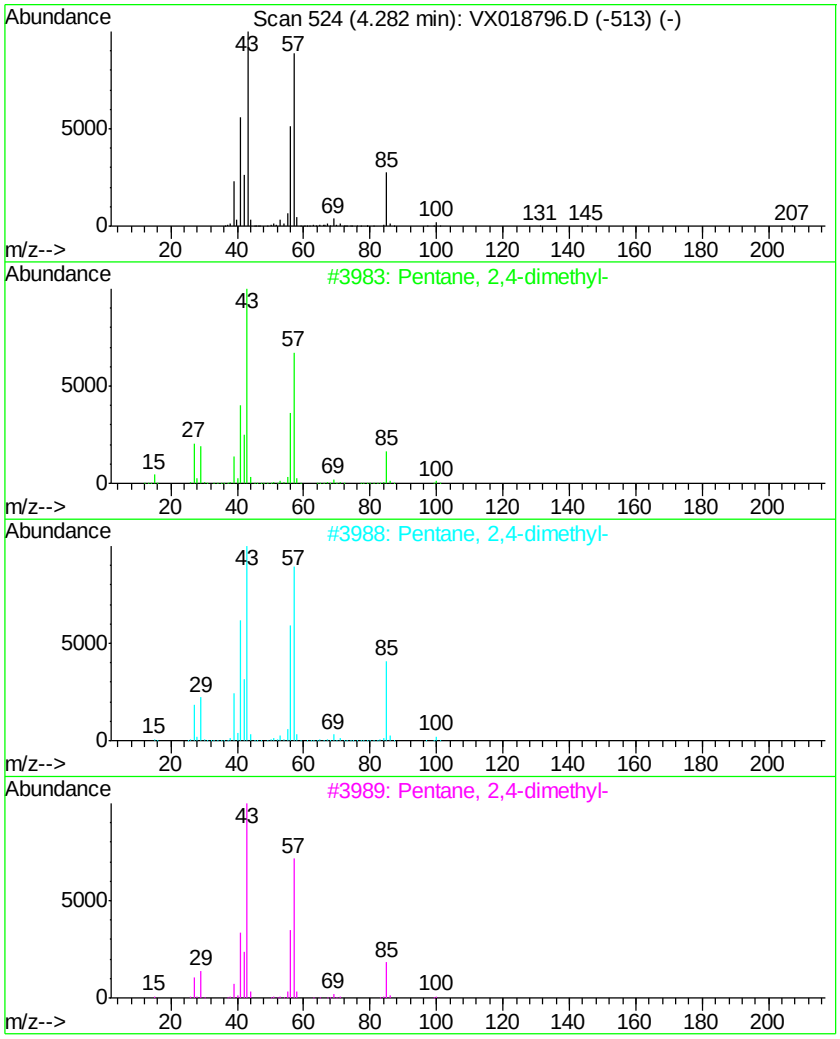
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

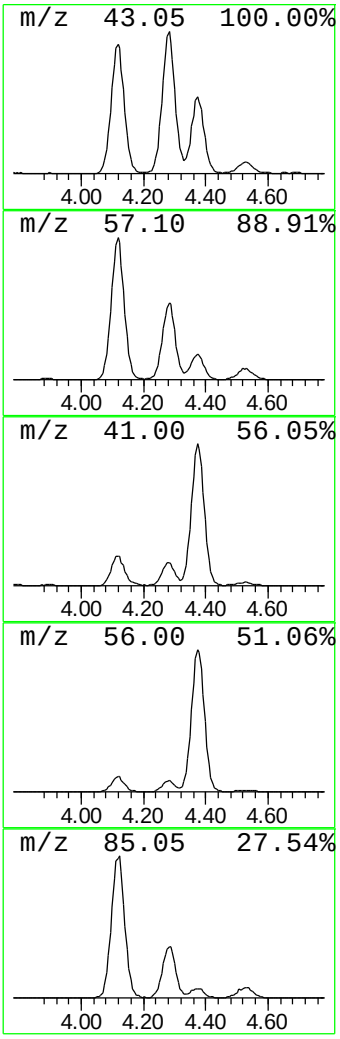
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	9.54 ug/L	811621	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	87
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

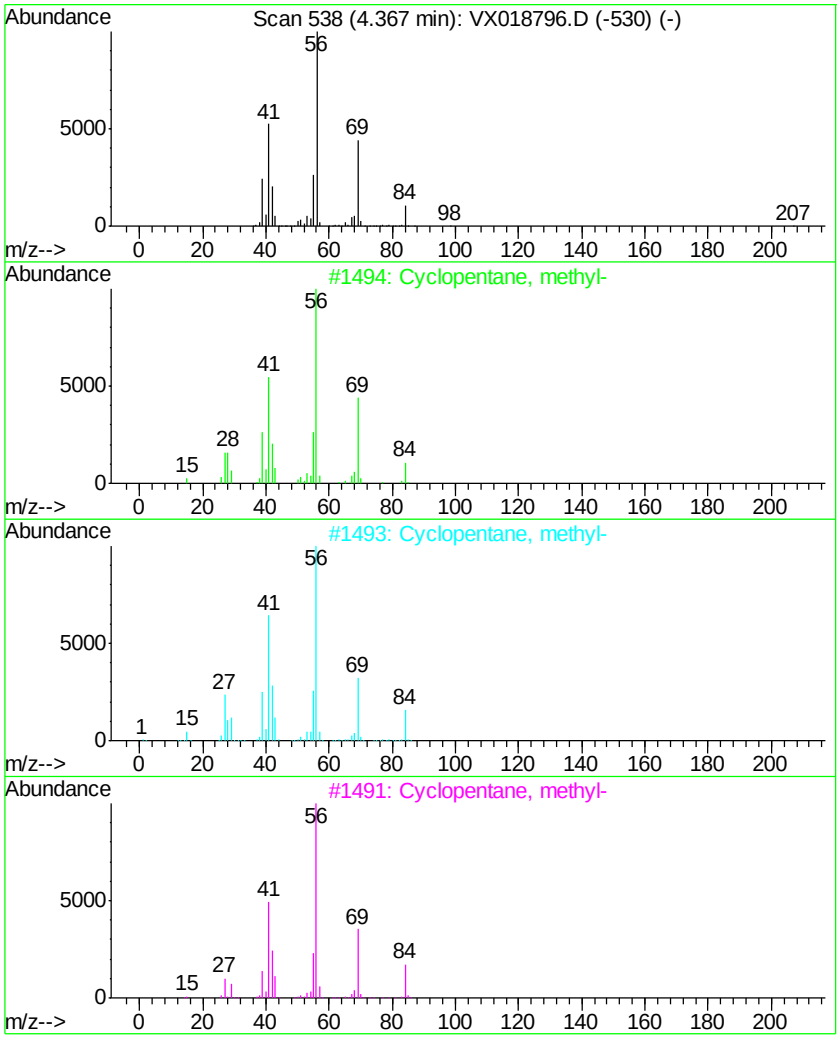
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

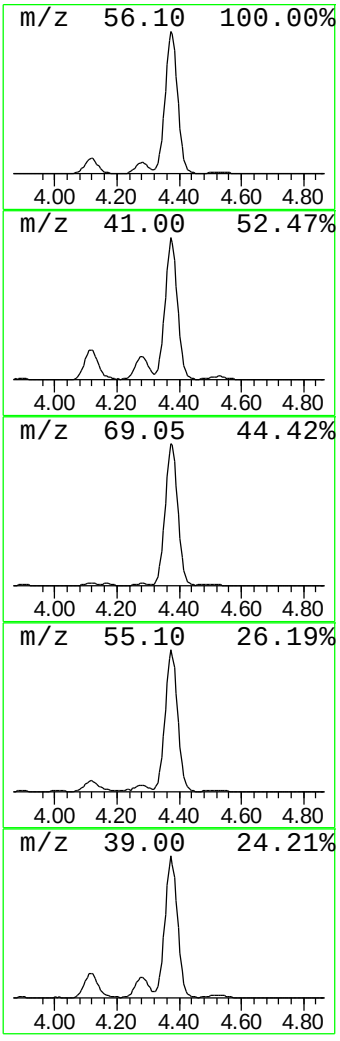
****

Peak Number 7 (DEL) Alkane: Cyclic4.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	49.27 ug/L	4191710	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	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

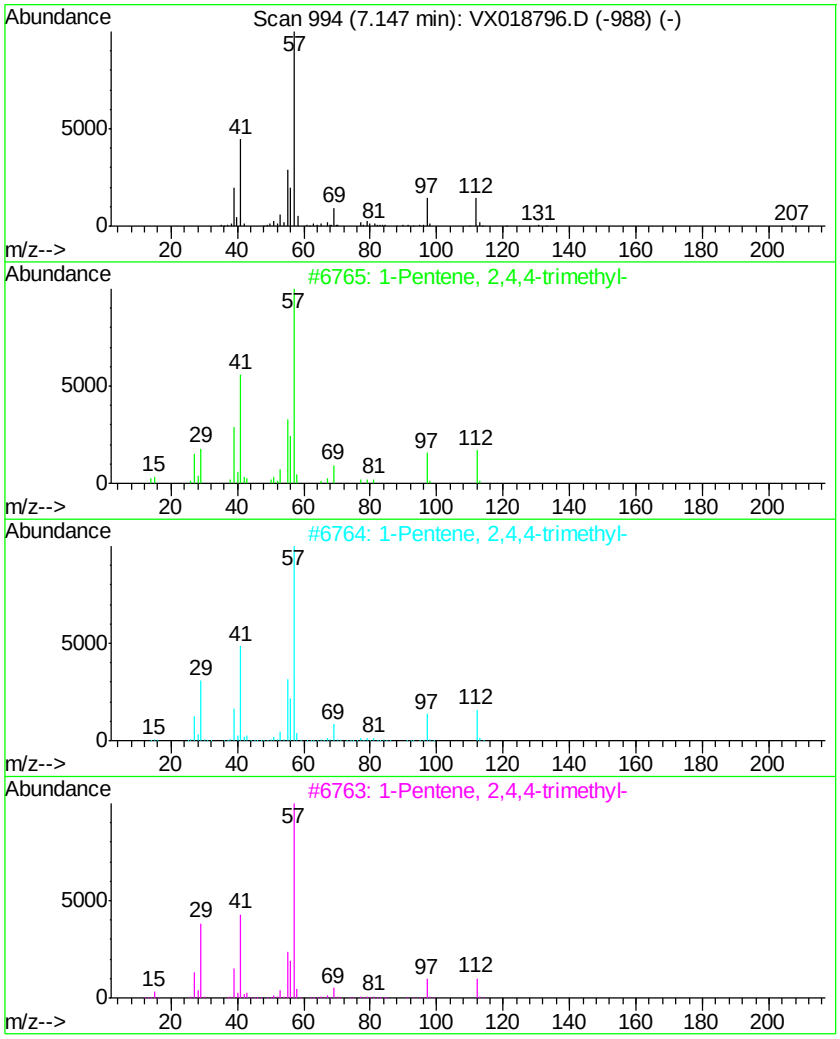
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

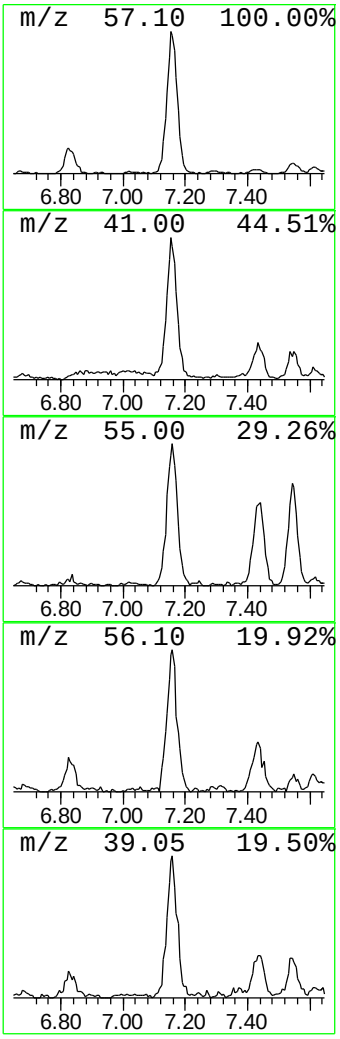
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	2.71 ug/L	230384	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	93
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	87
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	87
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64
5	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

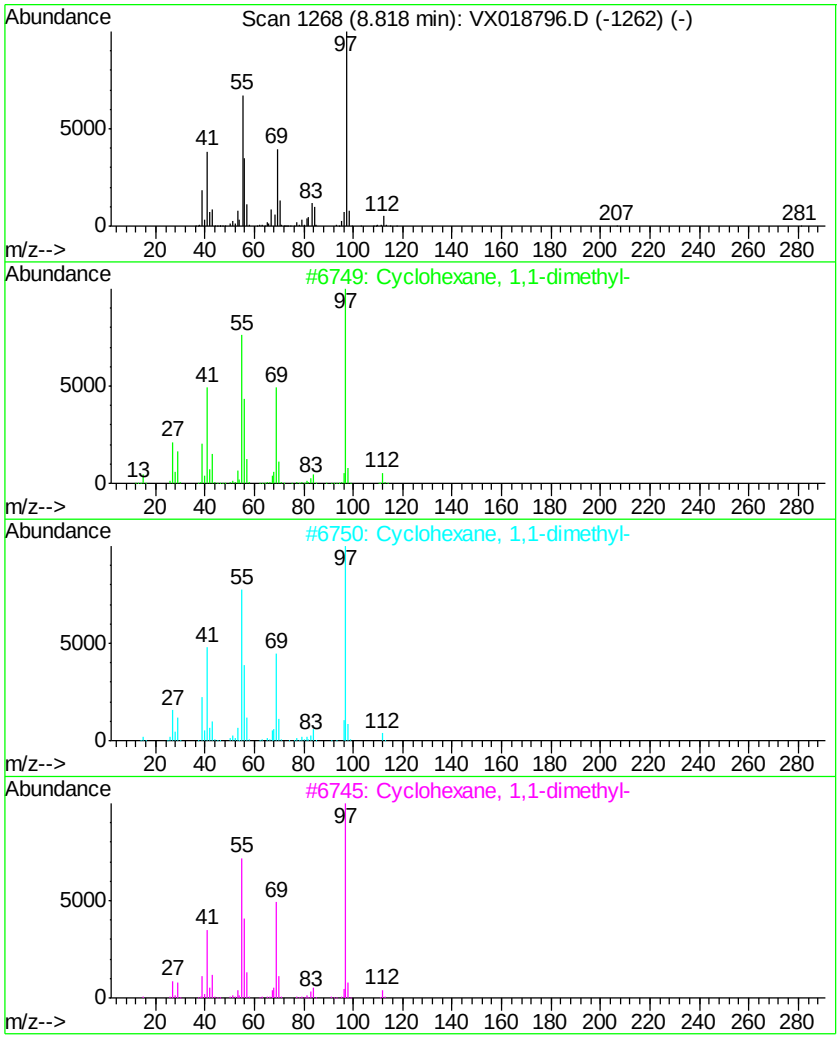
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

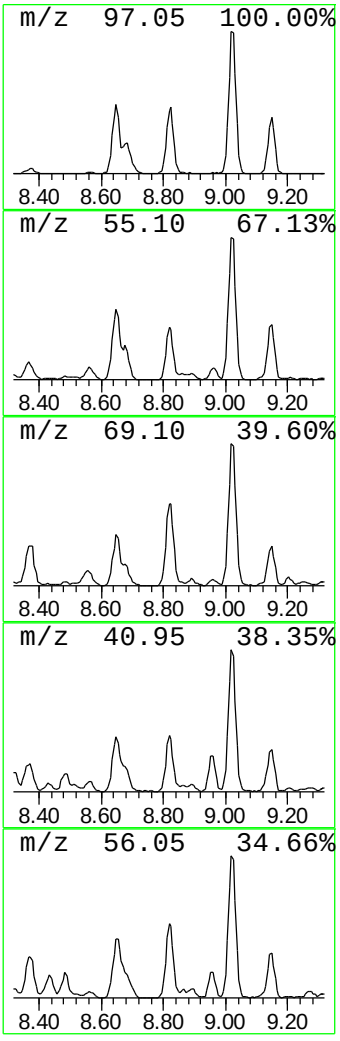
****

Peak Number 10 (DEL) Alkane: Cyclic8.82 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	0.51 ug/L	350981	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	93
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	93
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	90
4	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	64
5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

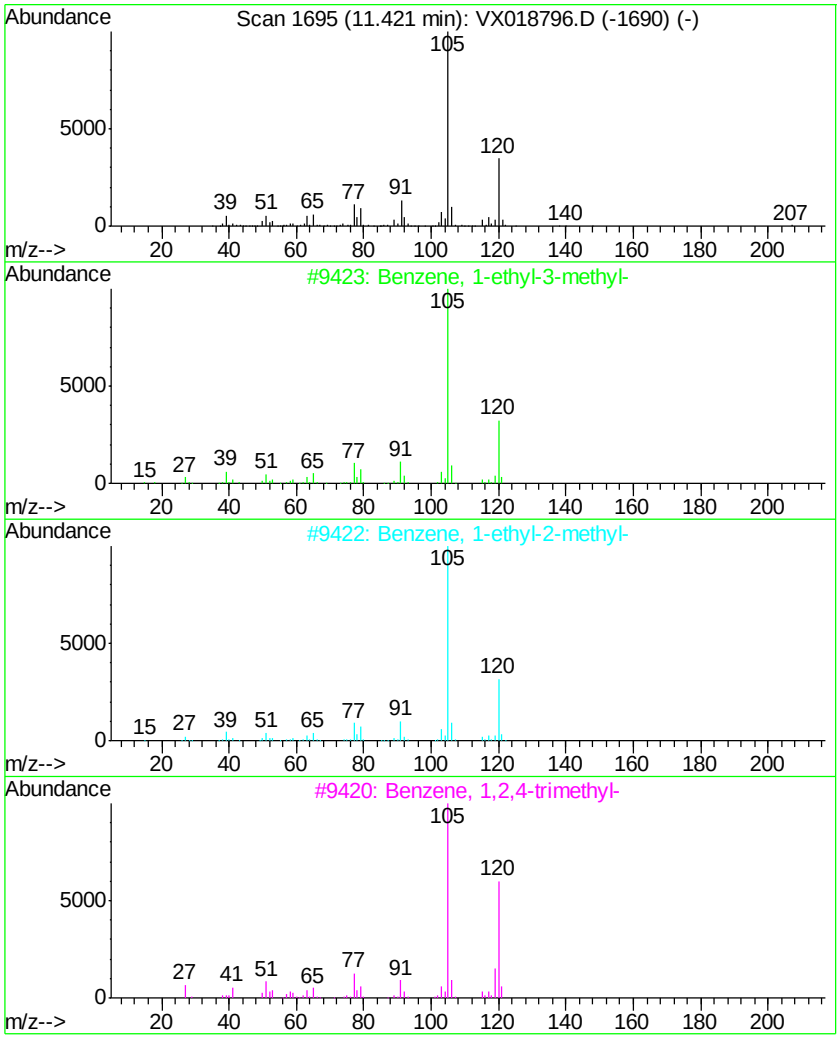
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

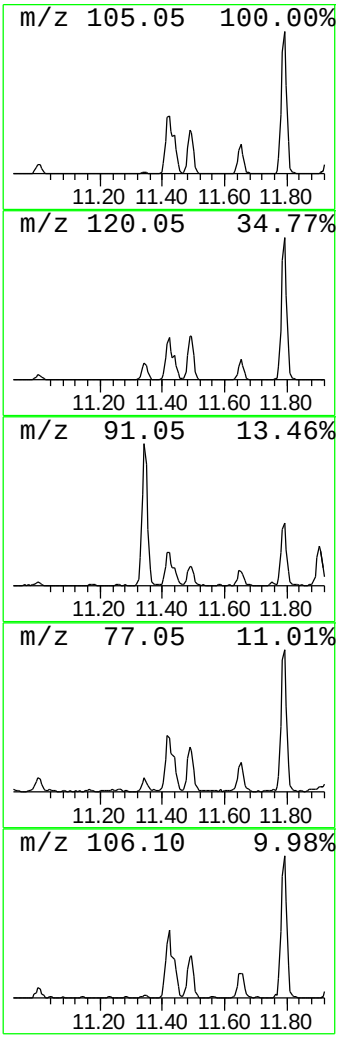
****

Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	0.73 ug/L	211719	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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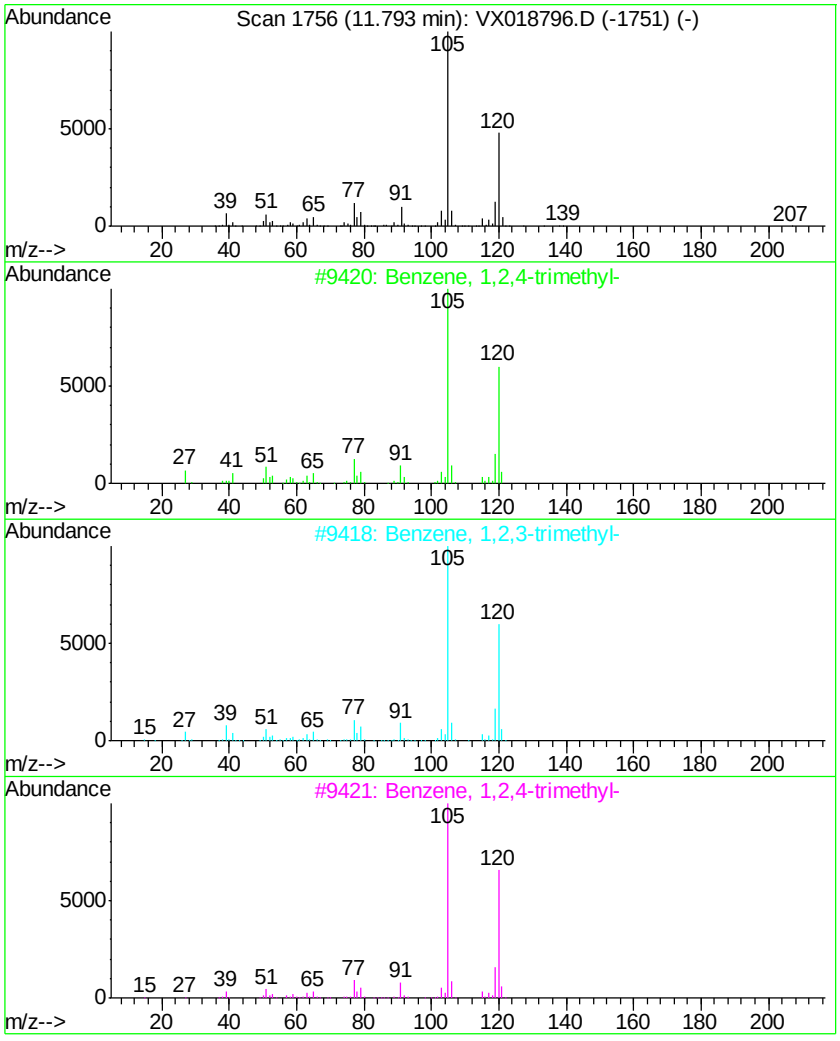
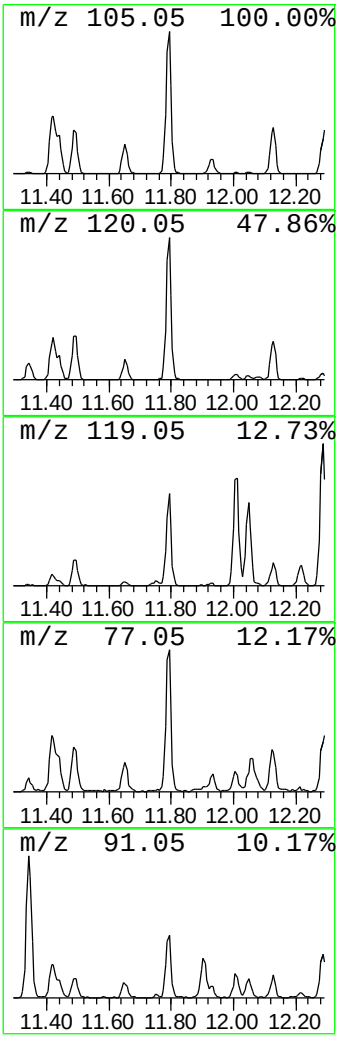
Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	1.21 ug/L	347966	1,4-Dichlorobenzene-d4	12.06

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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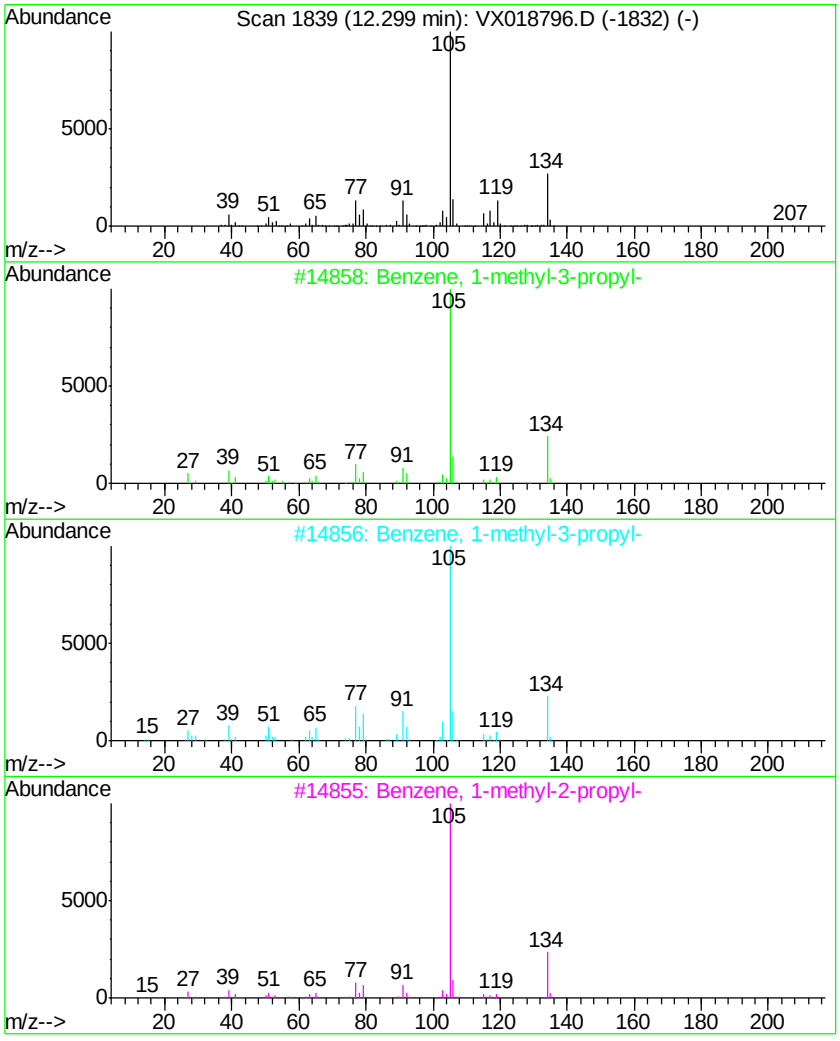
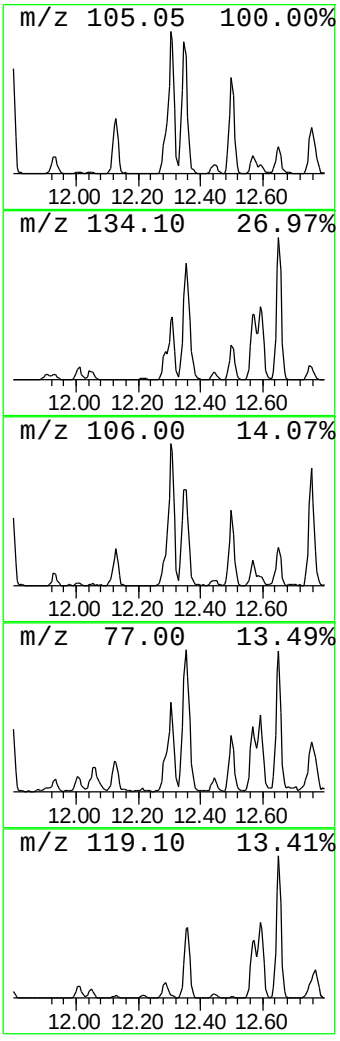
Peak Number 13 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	1.34 ug/L	387756	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	95
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

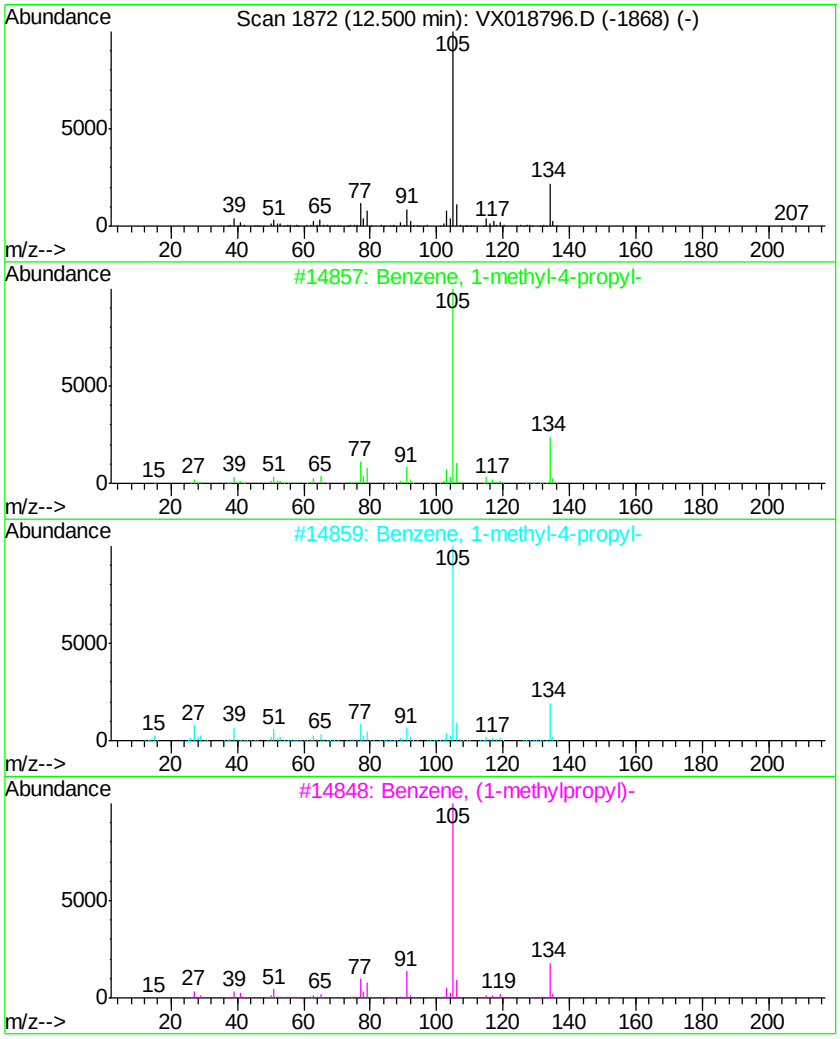
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

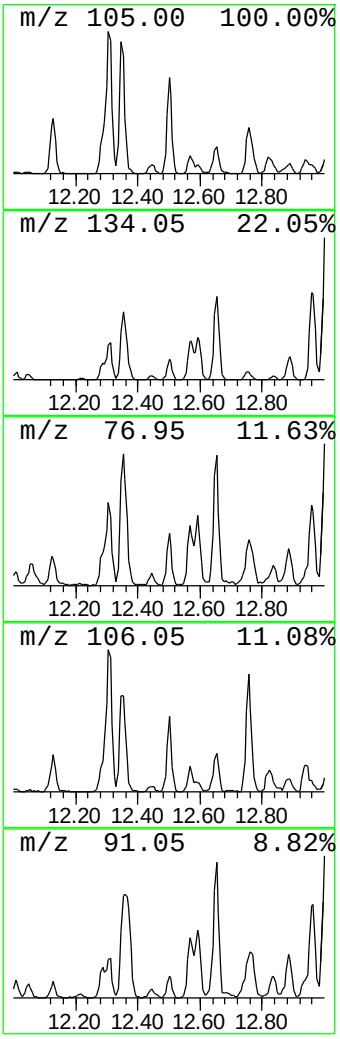
****

Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	0.55 ug/L	157204	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	95
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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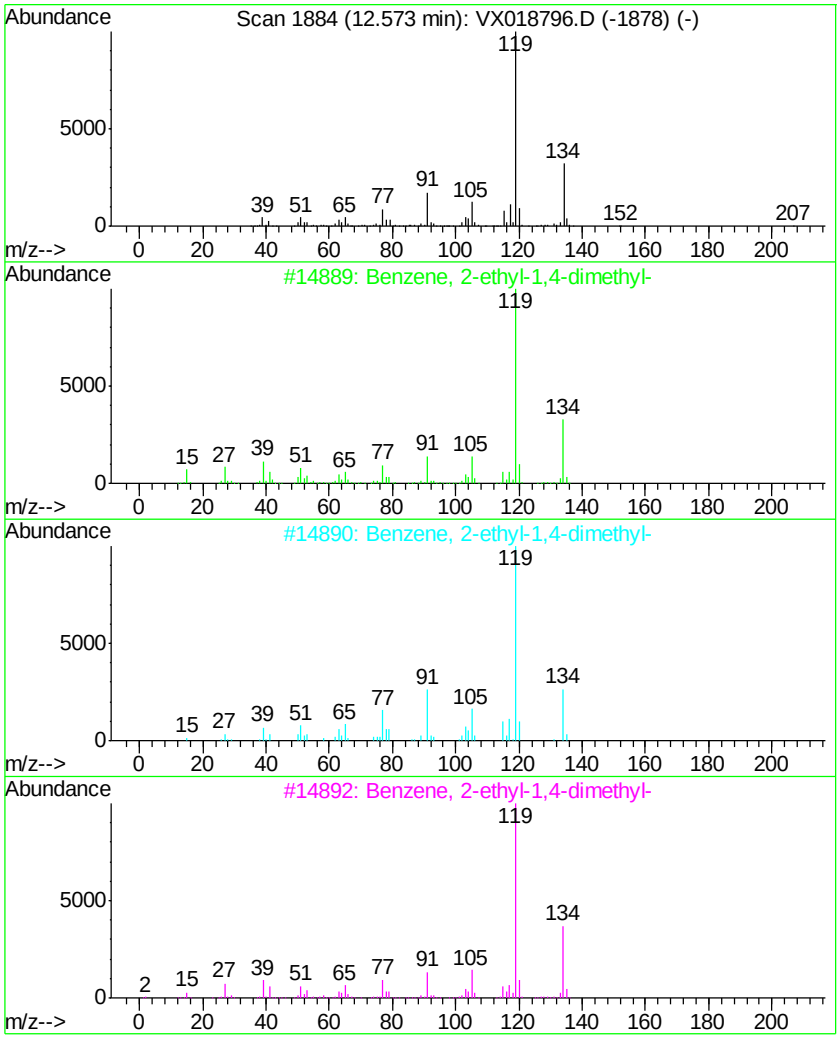
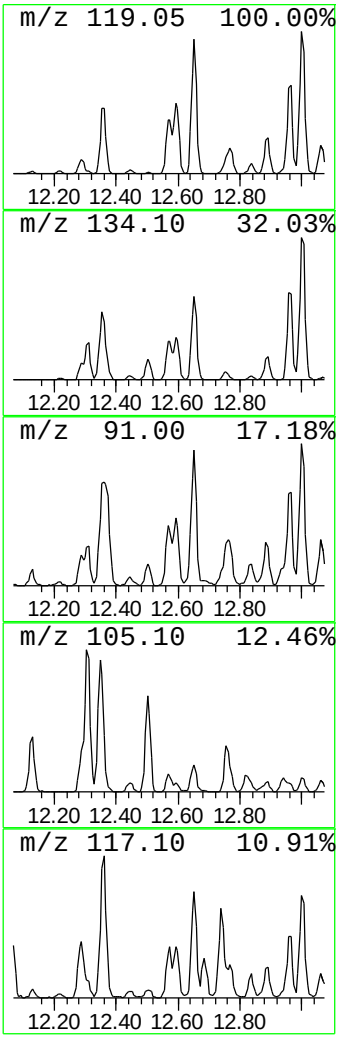
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	0.91 ug/L	263272	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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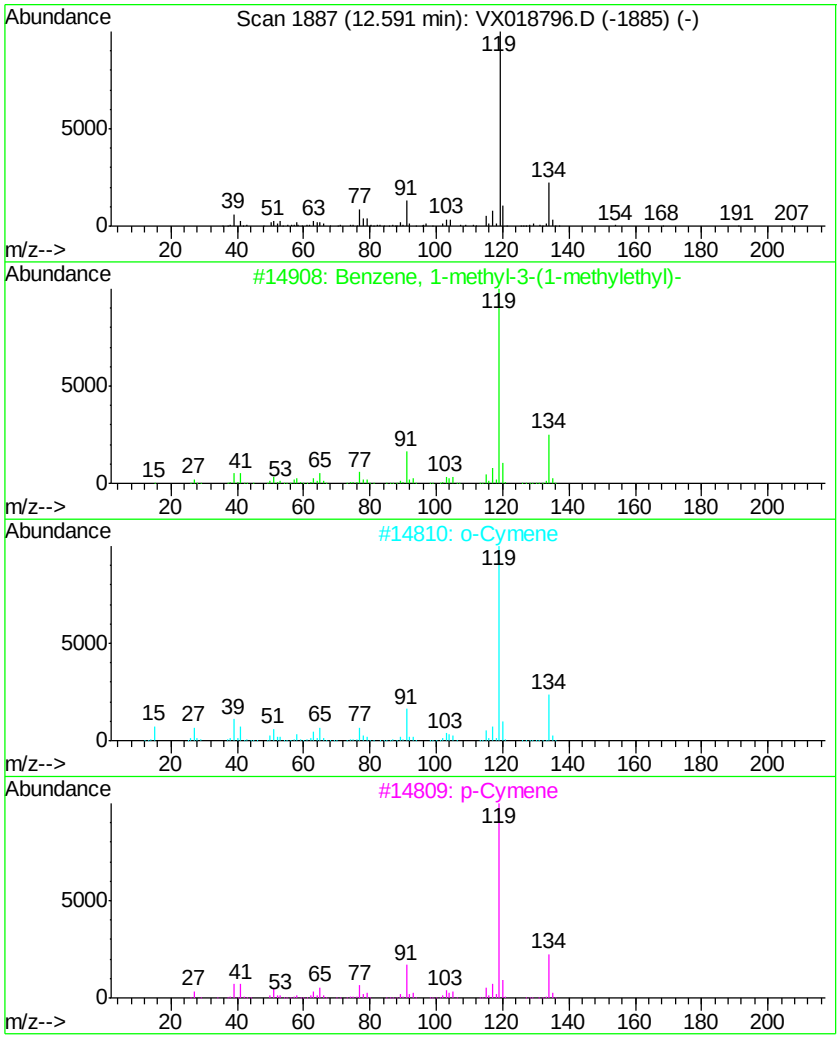
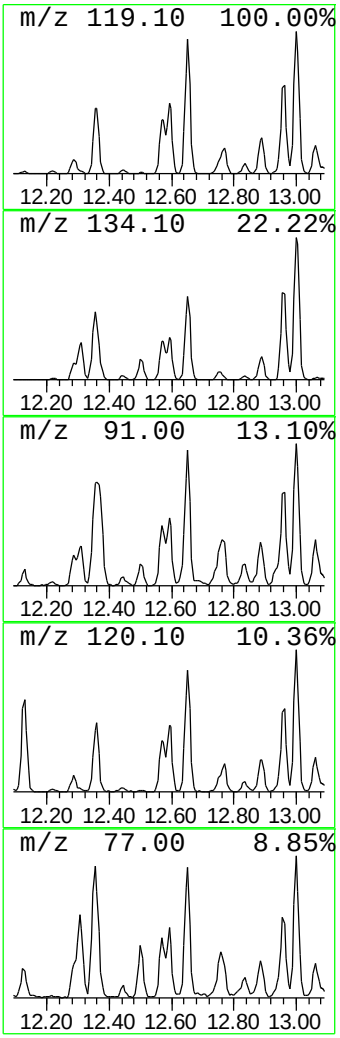
Peak Number 16 Benzene, 1-methyl-3-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	0.89 ug/L	257018	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	o-Cymene	134	C10H14	000527-84-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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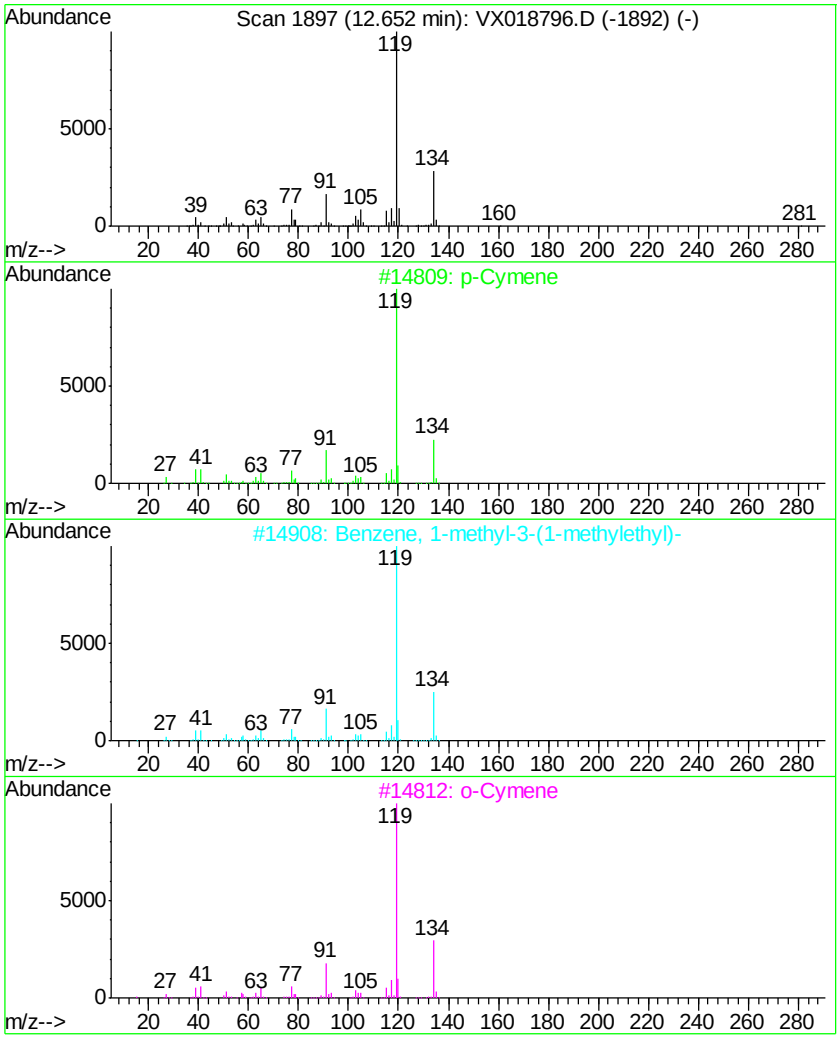
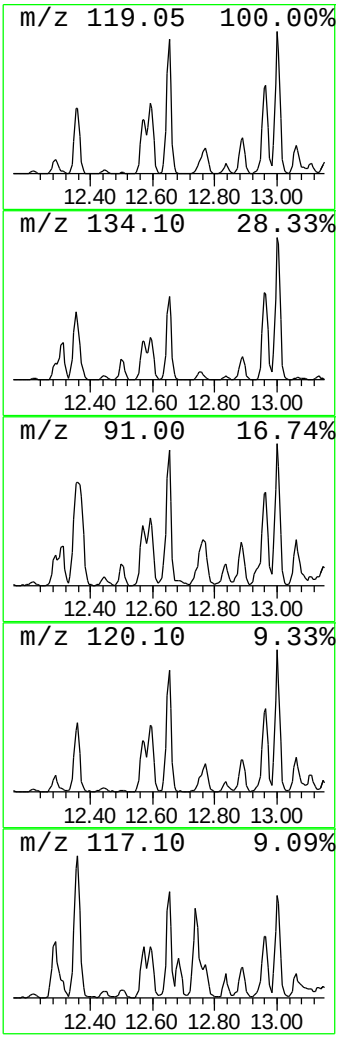
Peak Number 17 p-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	1.74 ug/L	503221	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	o-Cymene	134	C10H14	000527-84-4	97
5	o-Cymene	134	C10H14	000527-84-4	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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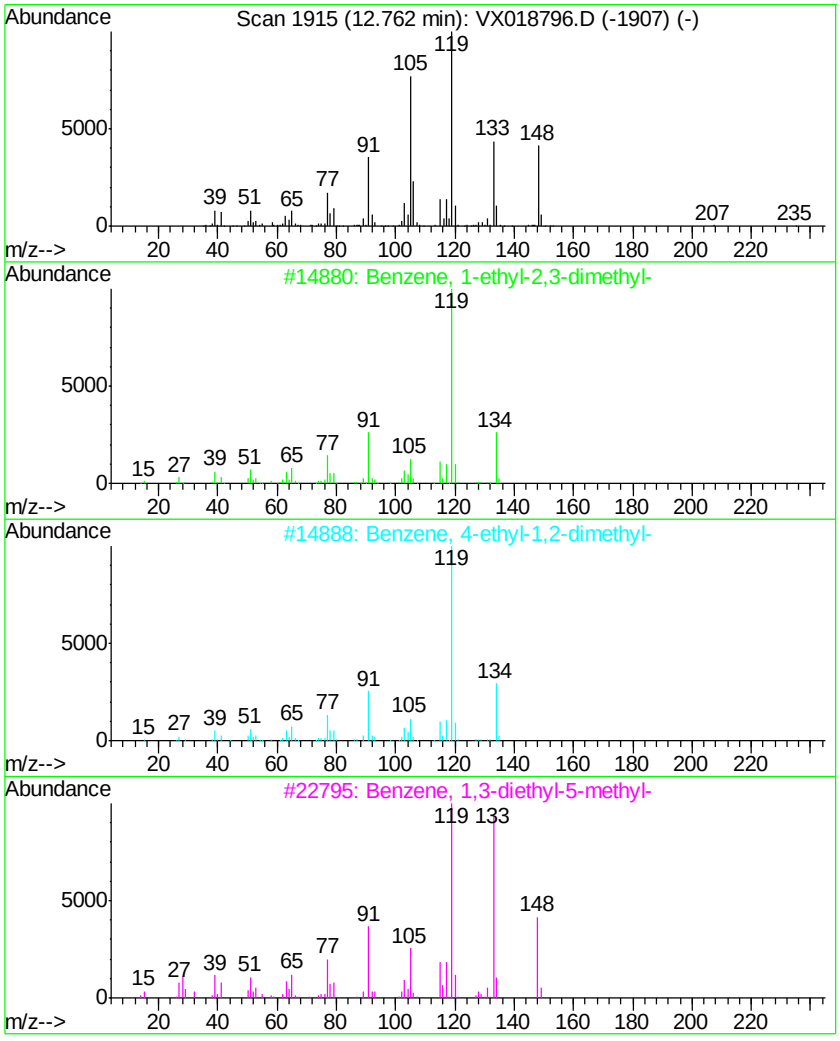
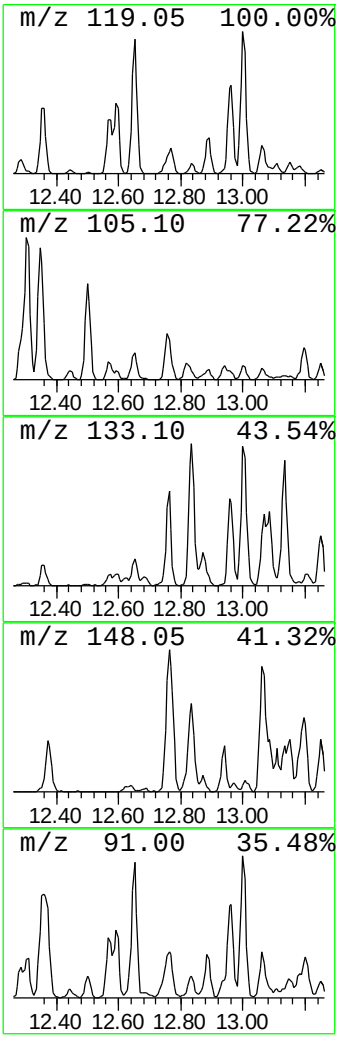
Peak Number 18 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	1.02 ug/L	294312	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53





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Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

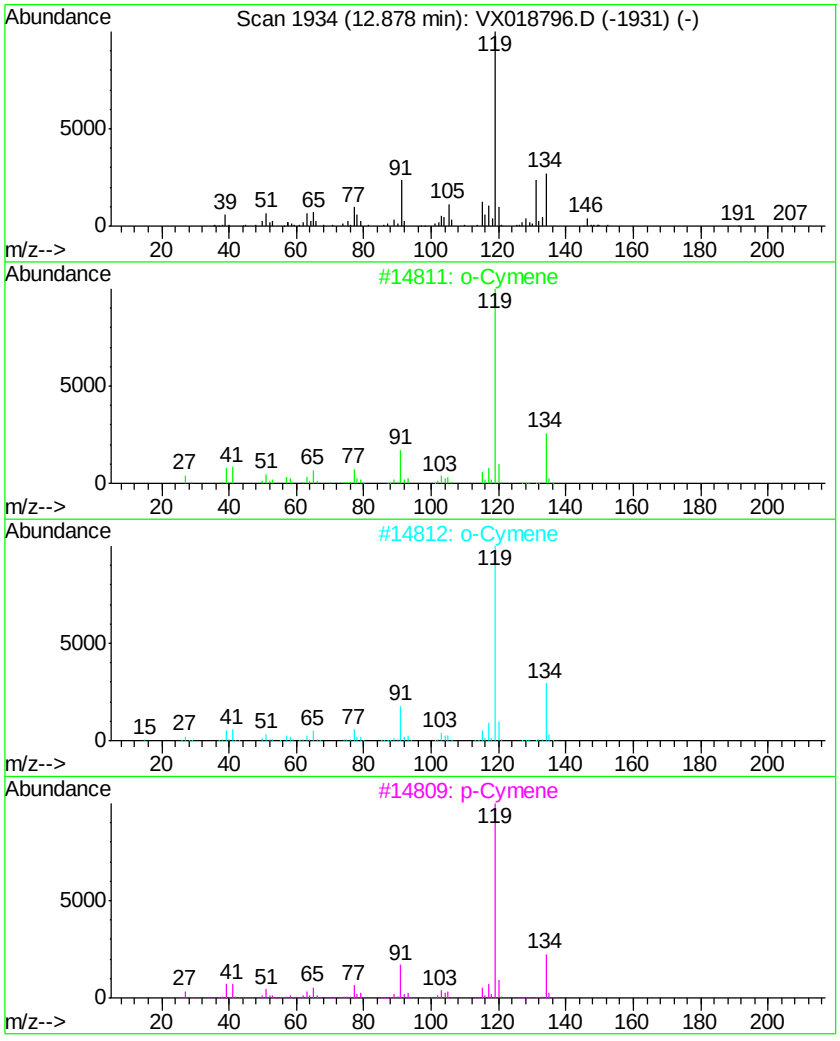
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

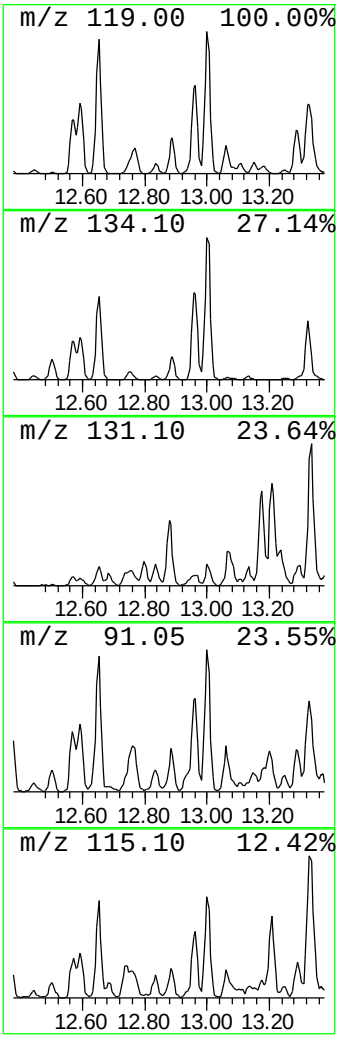
****

Peak Number 19 o-Cymene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	0.61 ug/L	177013	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	p-Cymene	134	C10H14	000099-87-6	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90





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Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

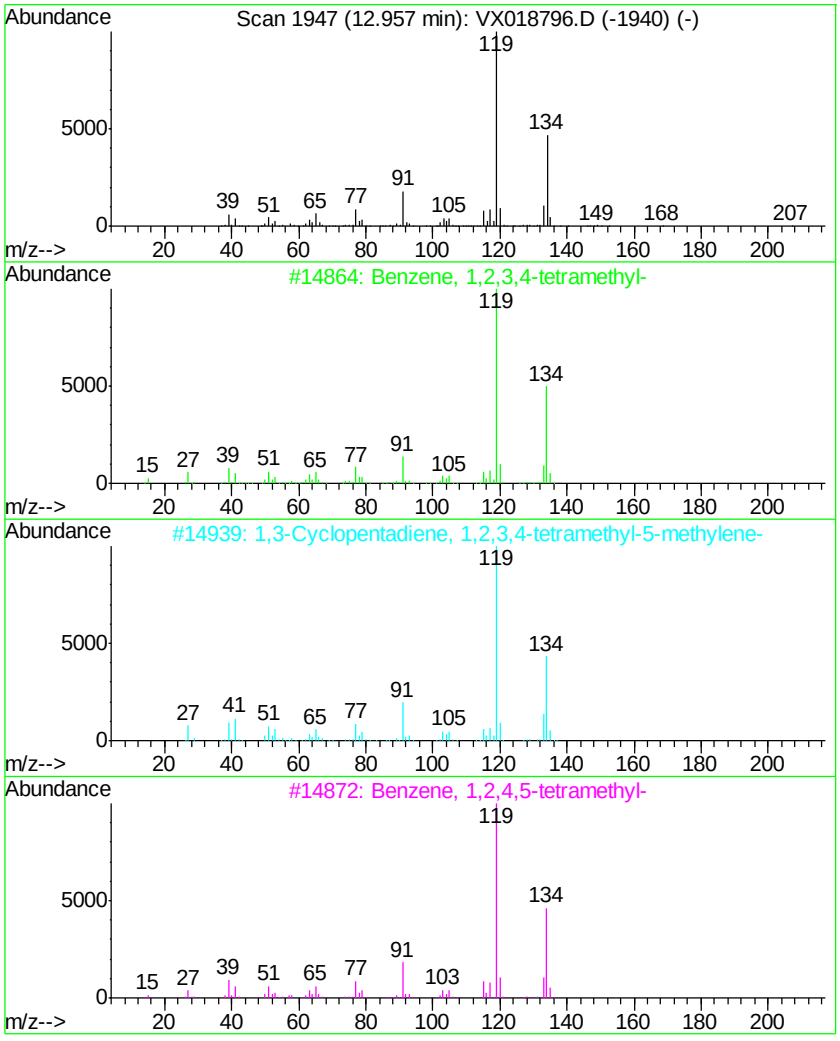
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

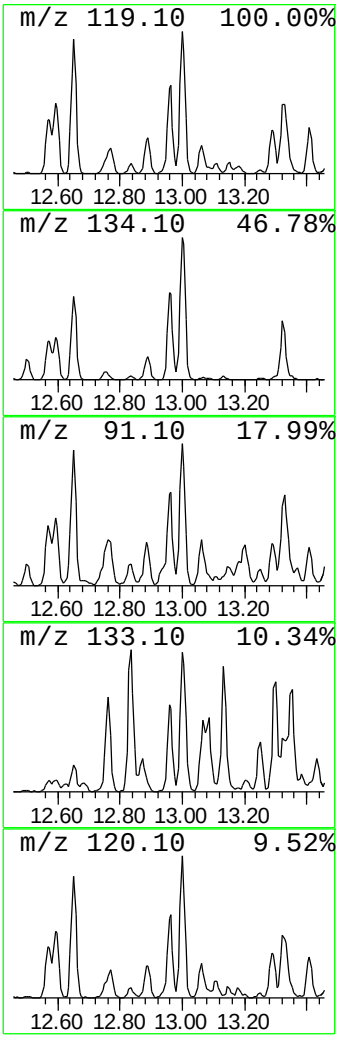
****

Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	1.65 ug/L	475261	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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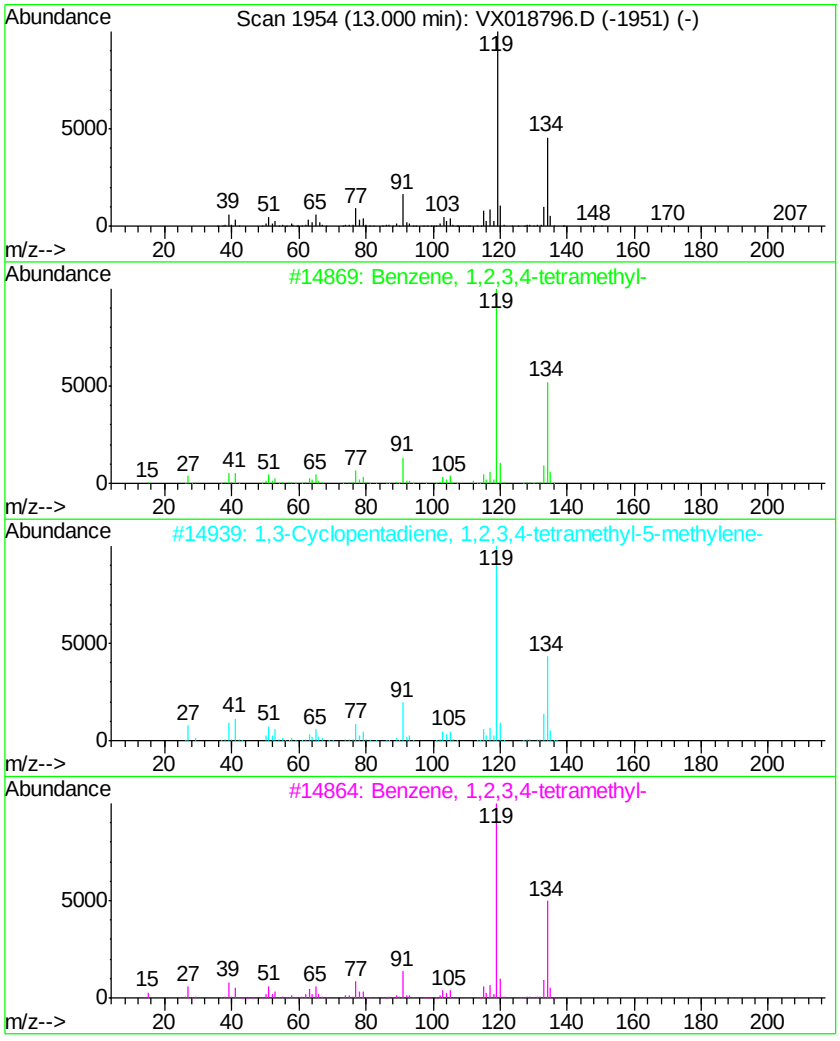
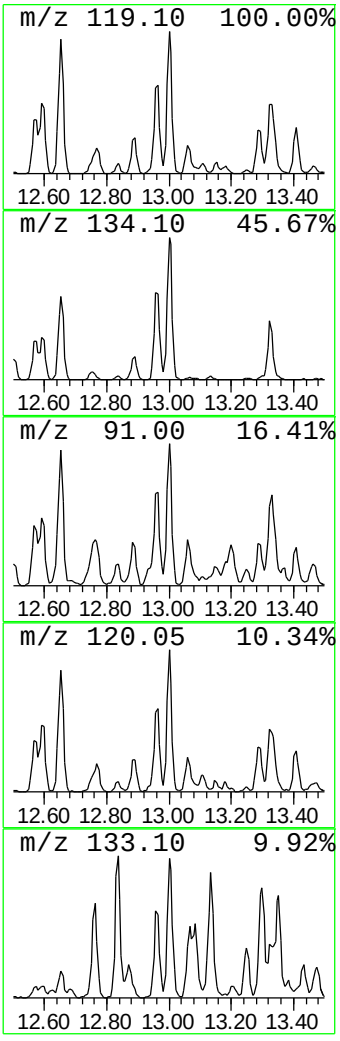
Peak Number 21 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.23 ug/L	642692	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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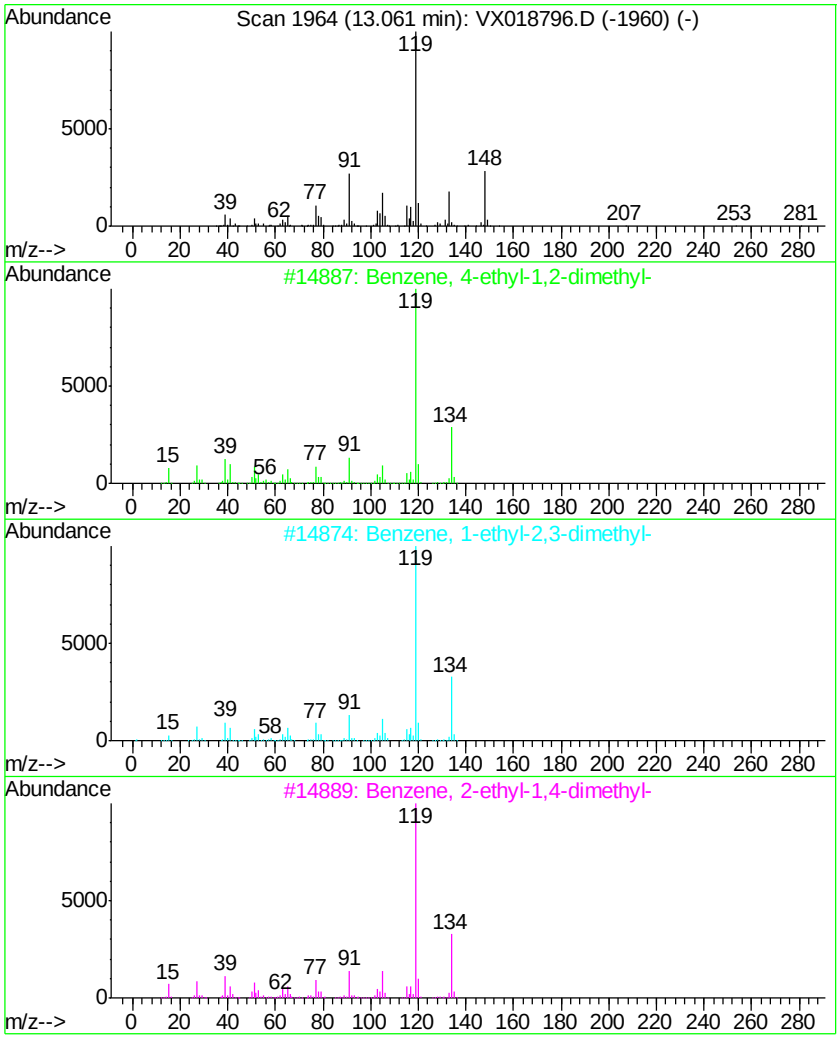
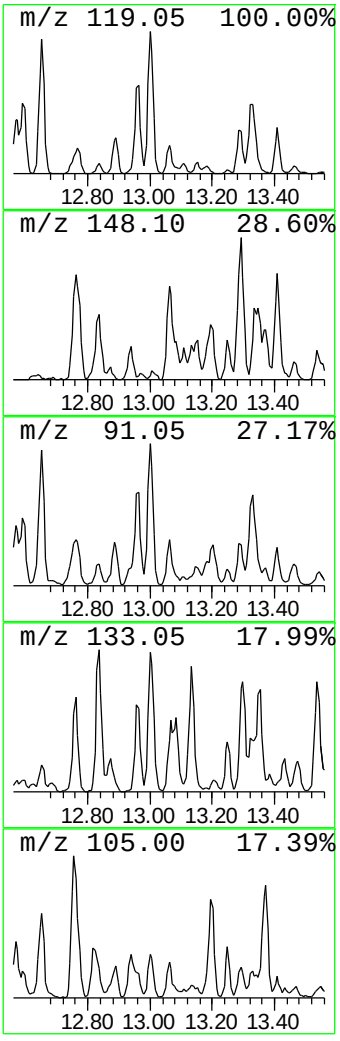
Peak Number 22 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	0.73 ug/L	209490	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	76
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
4	o-Cymene	134	C10H14	000527-84-4	70
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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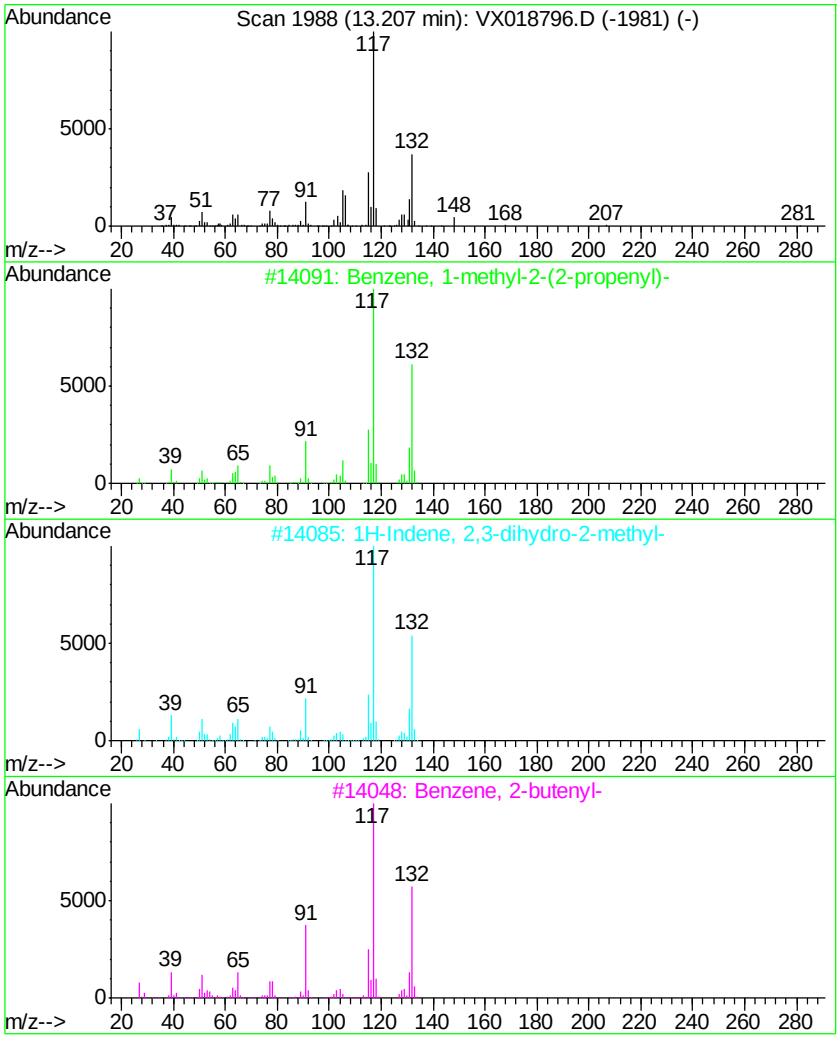
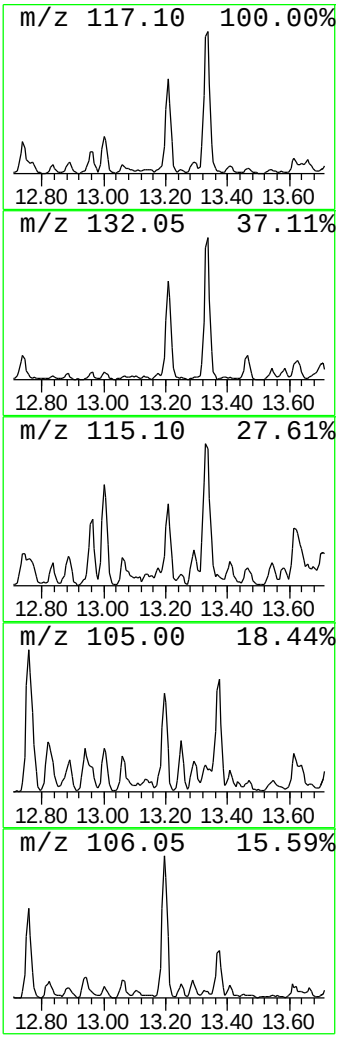
Peak Number 23 Benzene, 1-methyl-2-(2-prop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	0.87 ug/L	249656	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	87
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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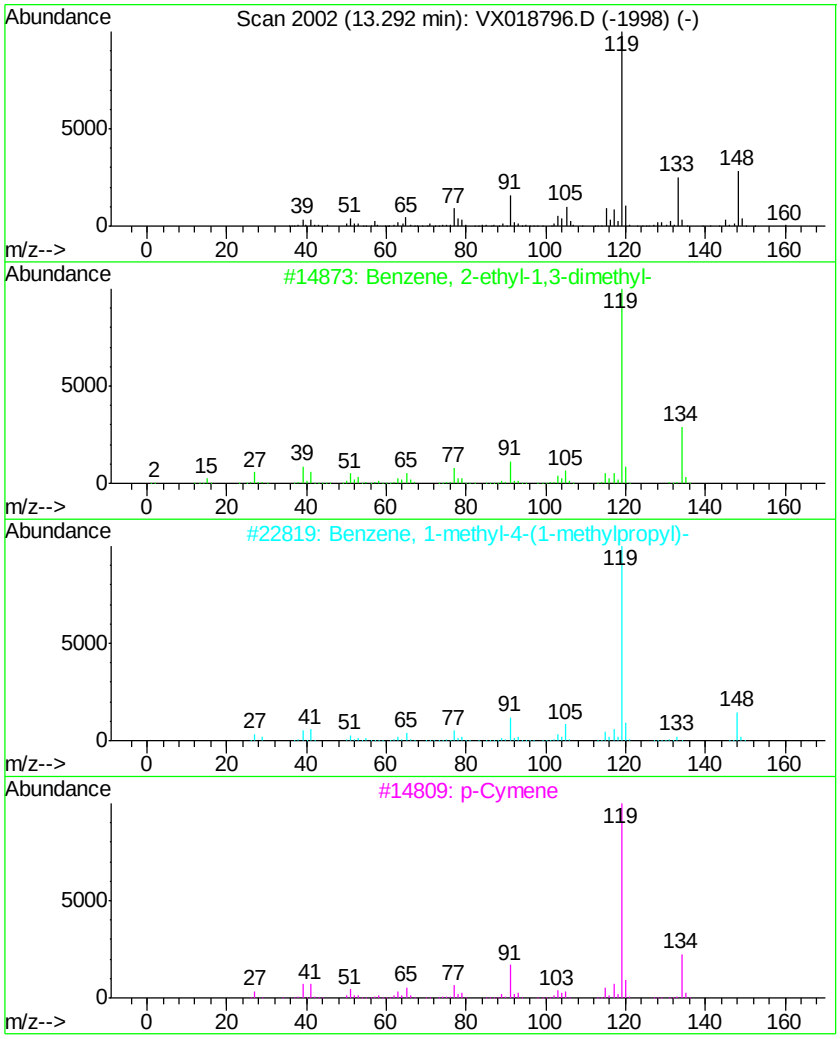
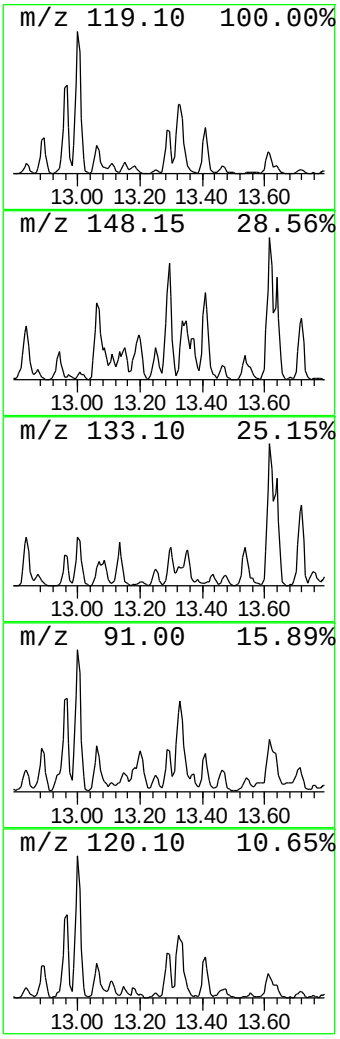
Peak Number 24 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	0.75 ug/L	215720	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	86
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
3	p-Cymene	134	C10H14	000099-87-6	60
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
5	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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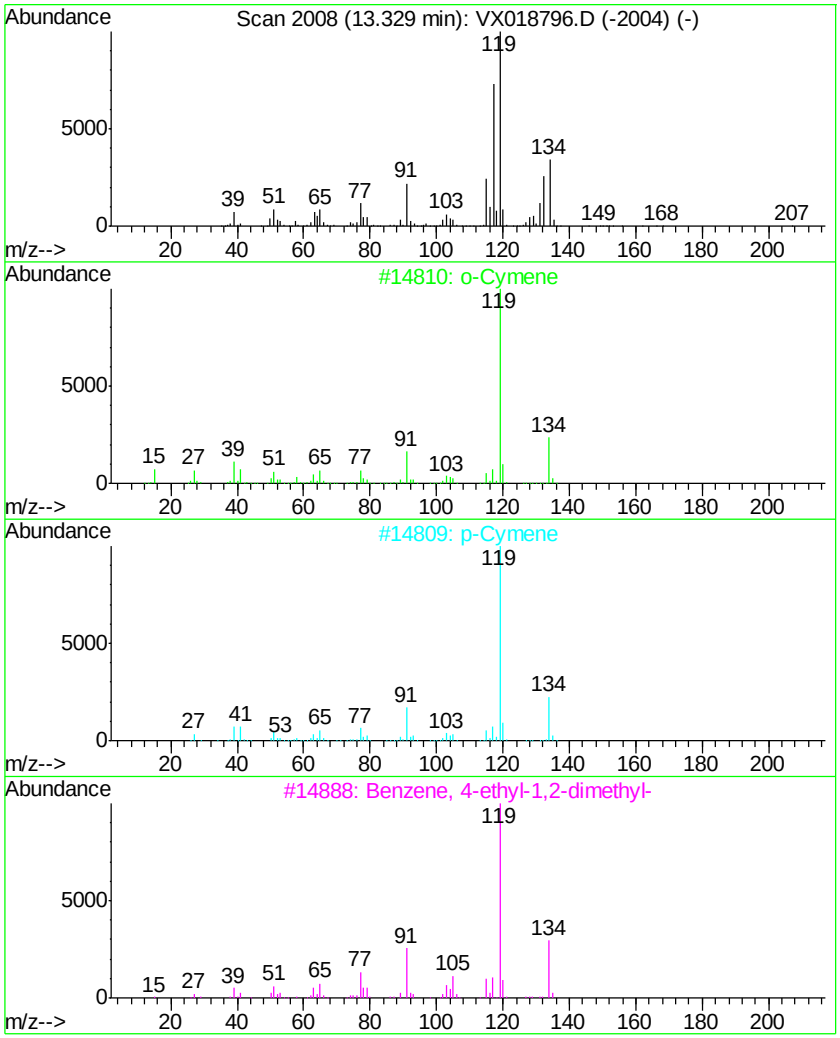
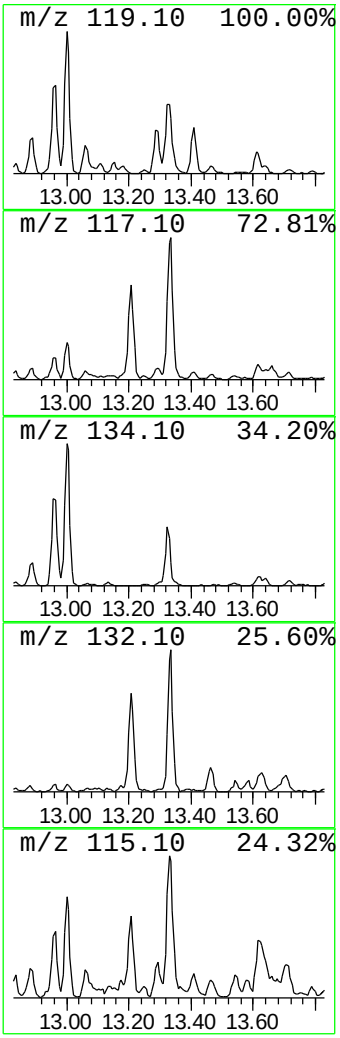
Peak Number 25 Benzene, (1-methyl-1-propen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	1.84 ug/L	531854	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	55
2	p-Cymene	134	C10H14	000099-87-6	55
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	52
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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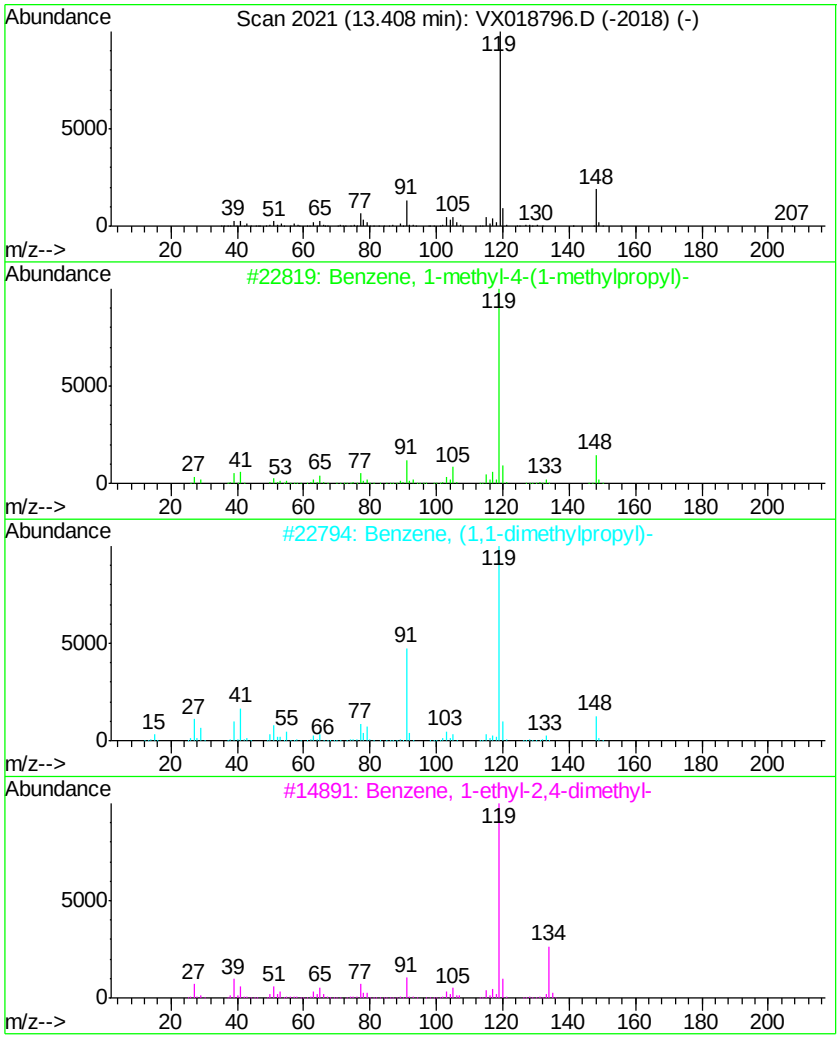
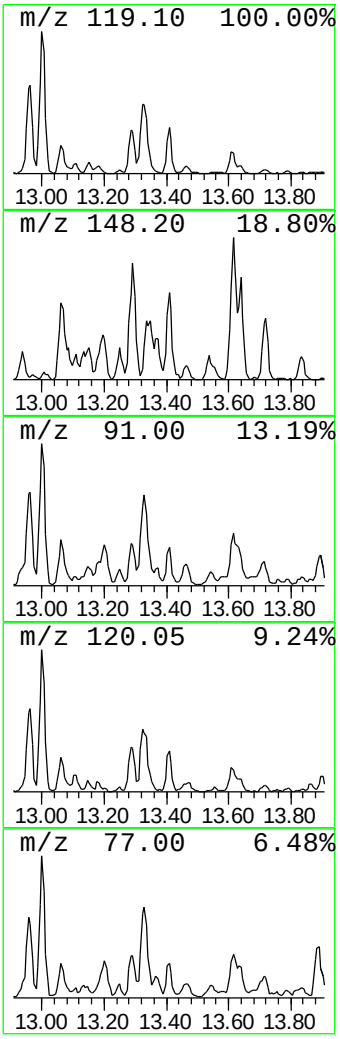
Peak Number 26 Benzene, 1-methyl-4-(1-meth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	0.58 ug/L	168383	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	86
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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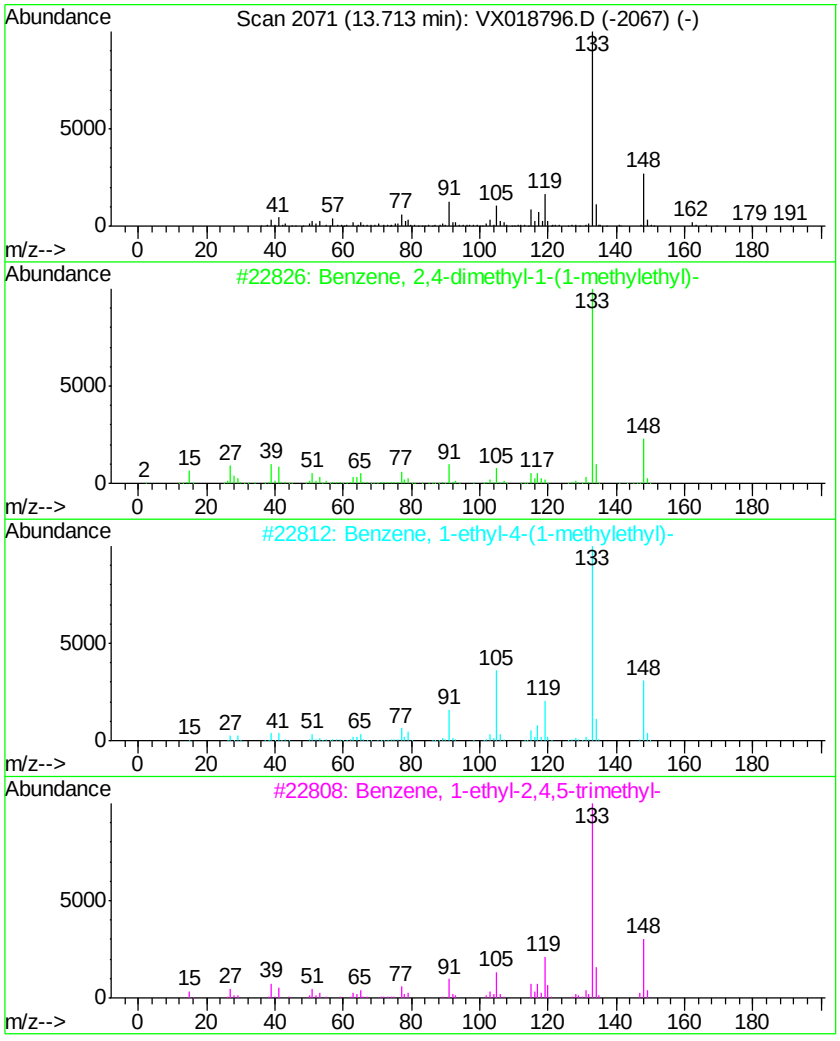
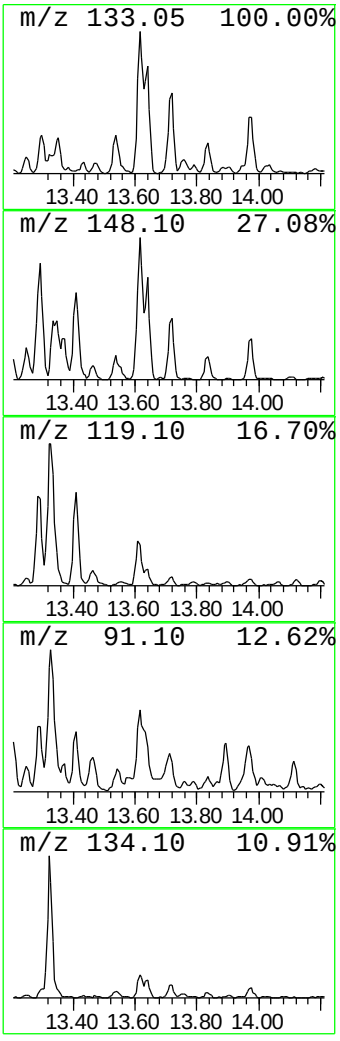
Peak Number 27 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	0.53 ug/L	153502	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	93
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	93
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	91
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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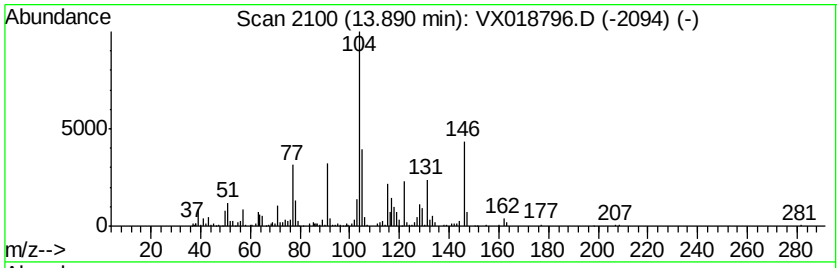
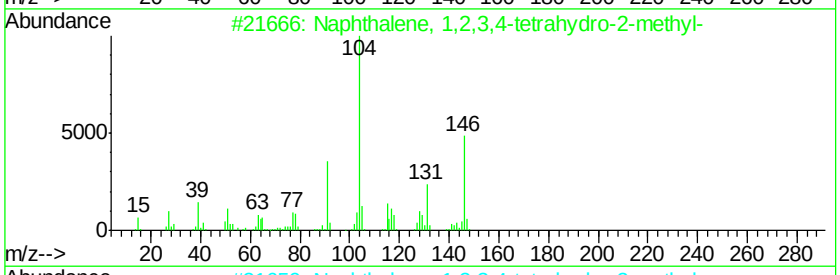
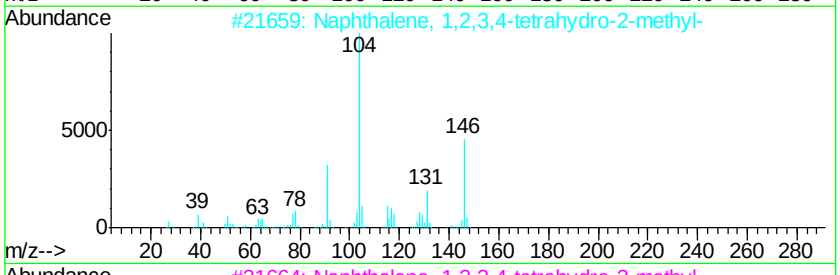
Peak Number 28 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 28

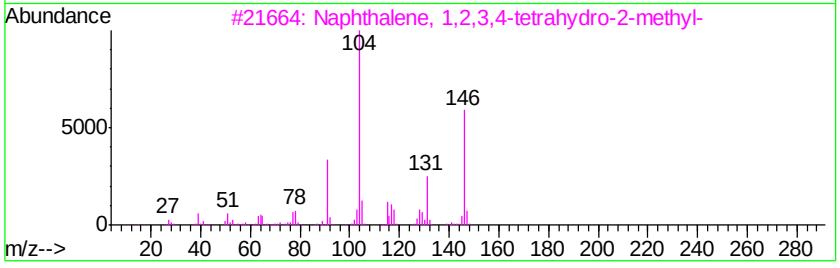
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	0.65 ug/L	188079	1,4-Dichlorobenzene-d4	12.06

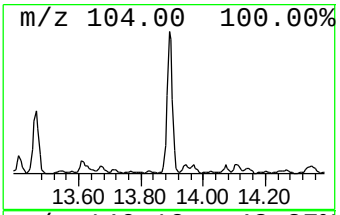
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52

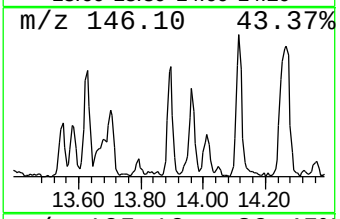


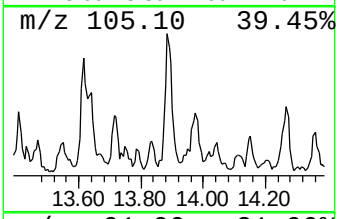


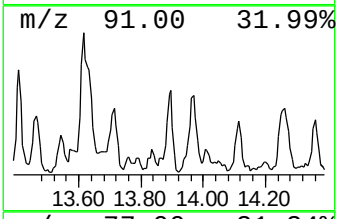


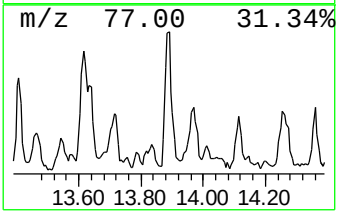












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

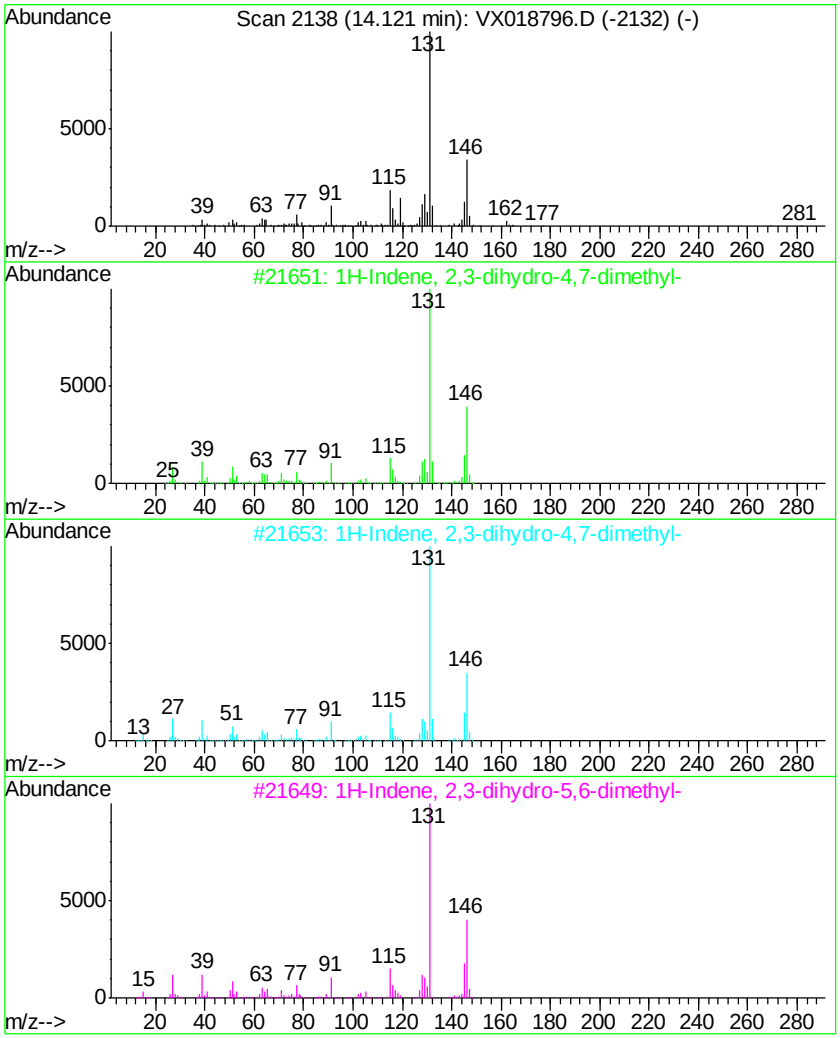
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

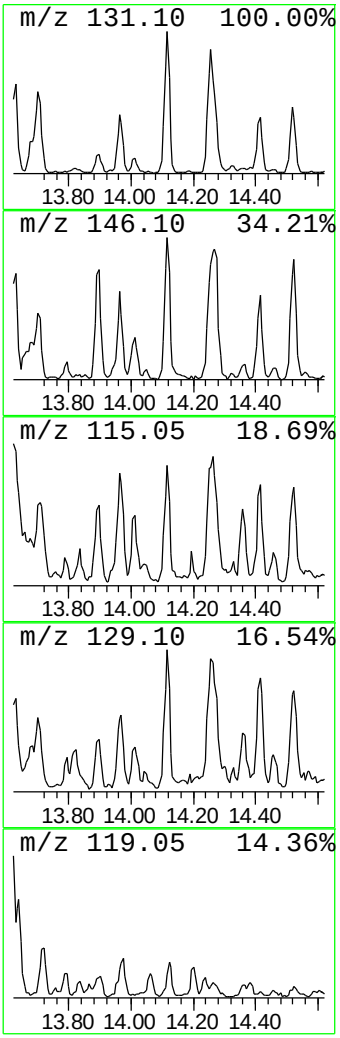
****

Peak Number 29 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	0.54 ug/L	156557	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
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	93
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

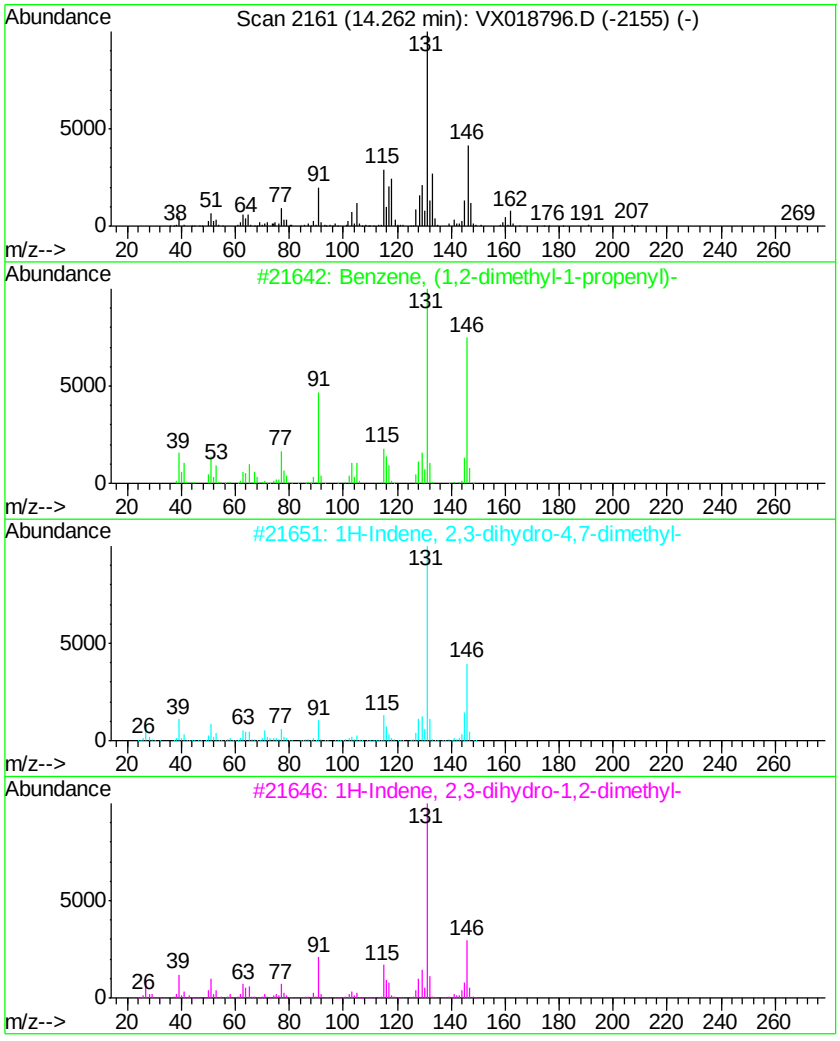
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

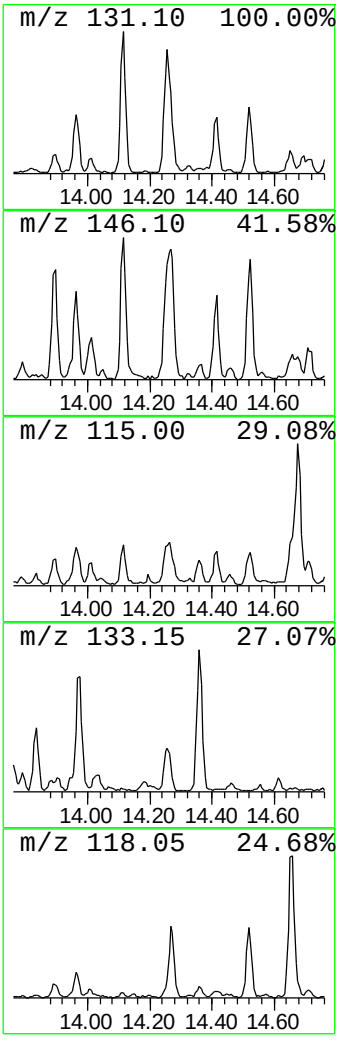
****

Peak Number 30 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	0.92 ug/L	266058	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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

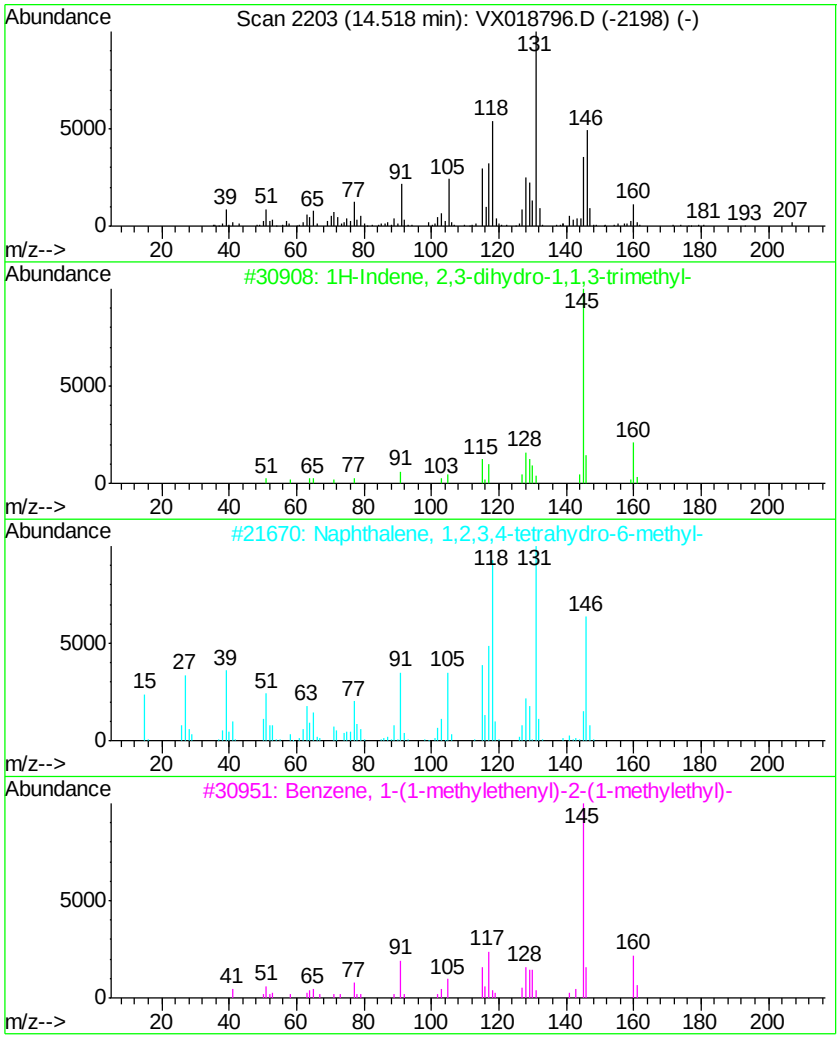
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

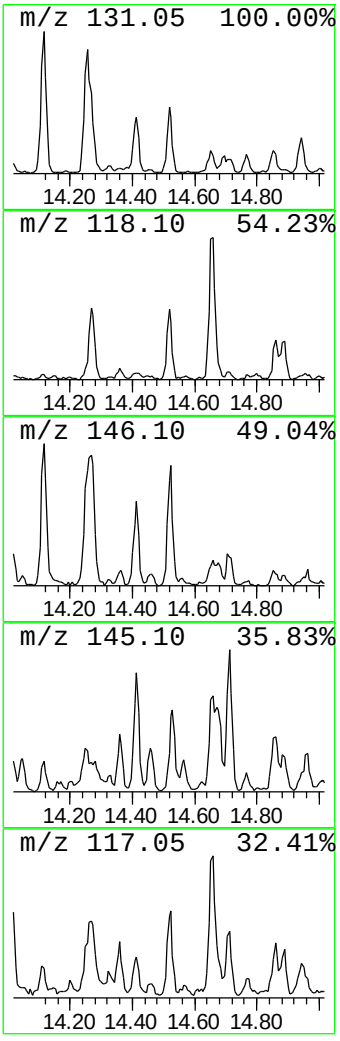
****

Peak Number 31 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	0.60 ug/L	173751	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	60
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
5	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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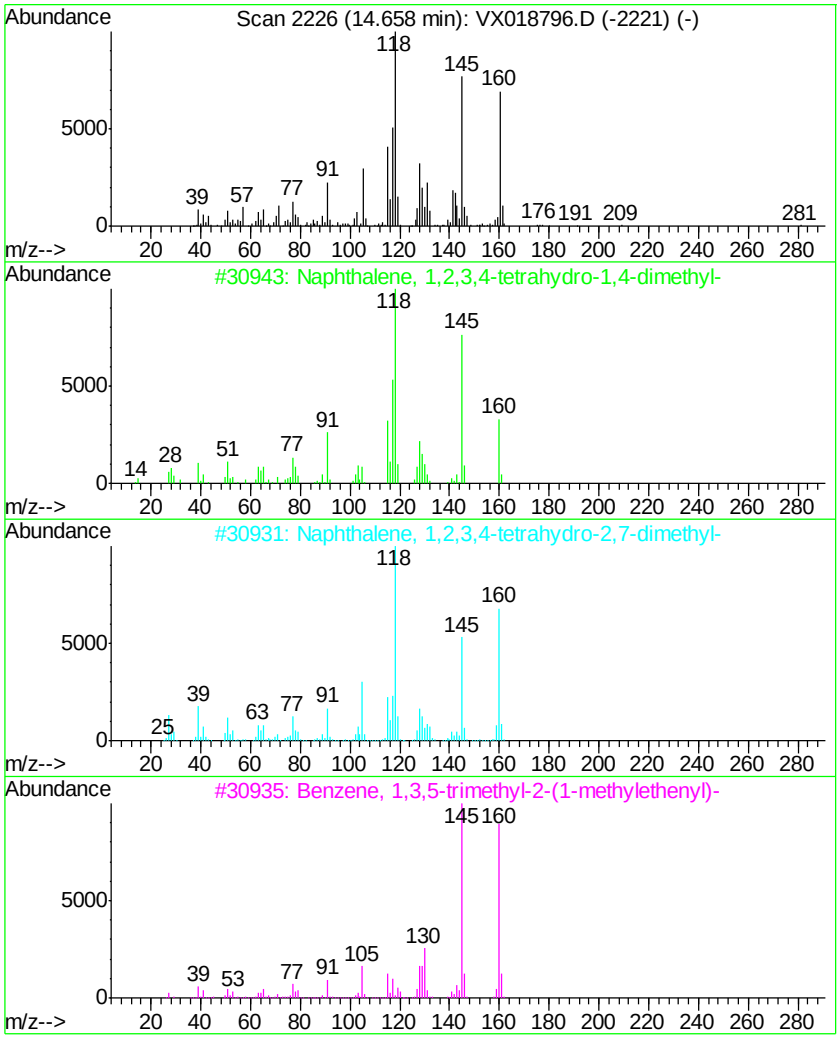
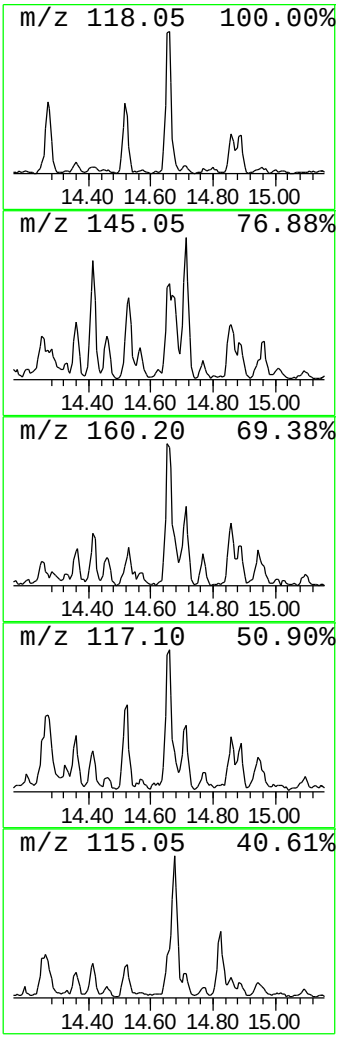
Peak Number 32 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	0.70 ug/L	202933	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	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	49
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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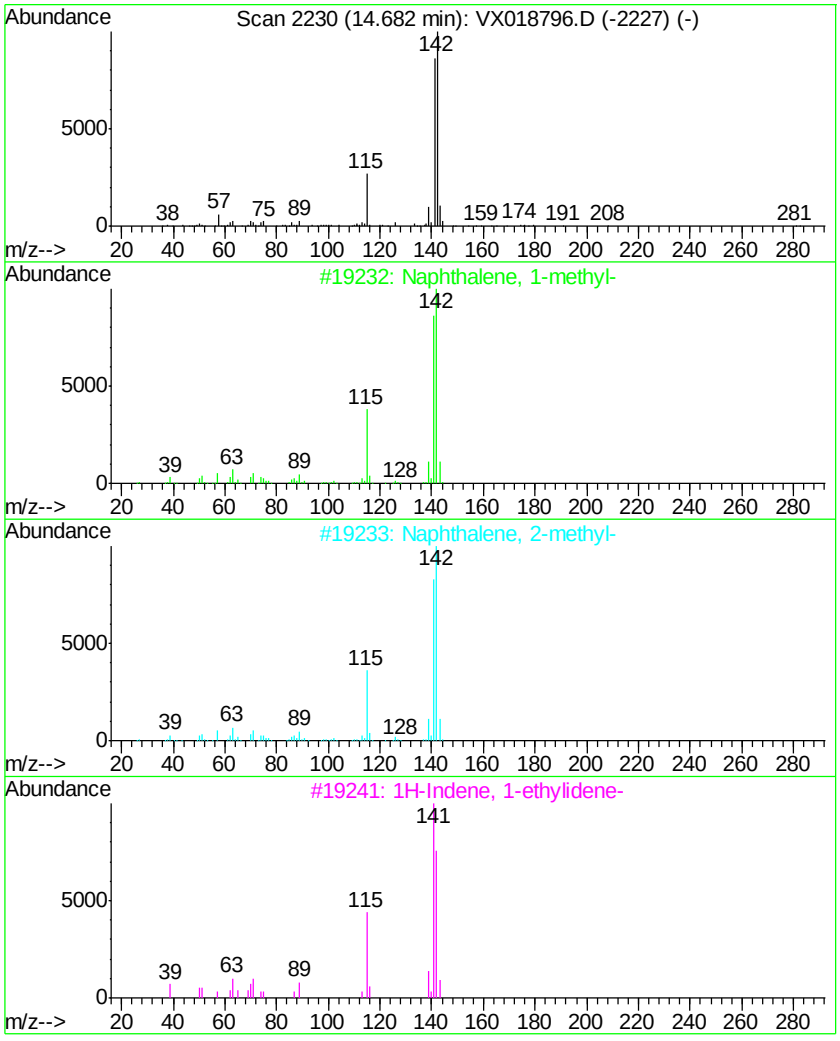
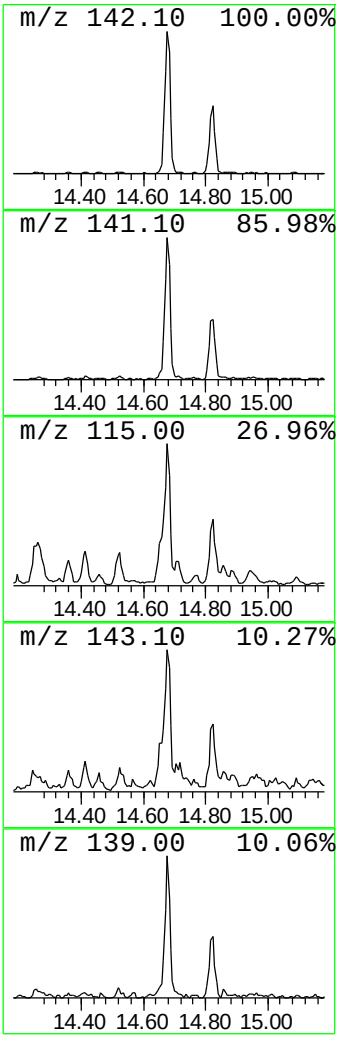
Peak Number 33 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	0.96 ug/L	275490	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

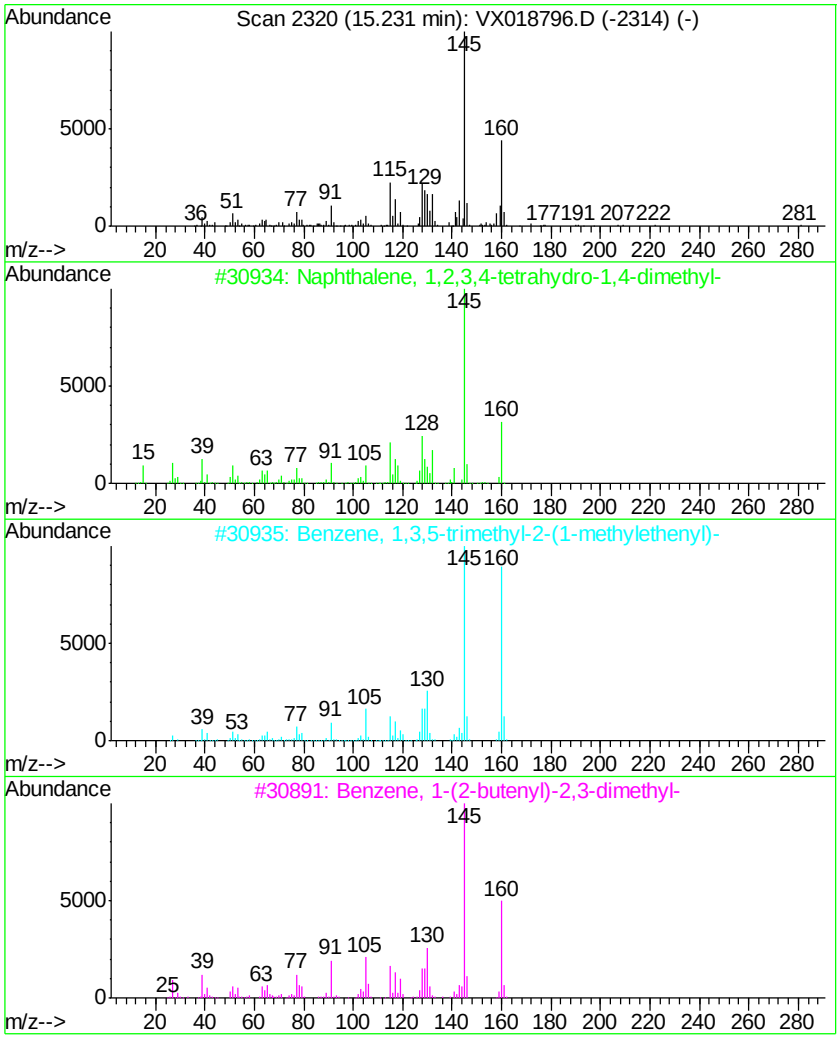
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

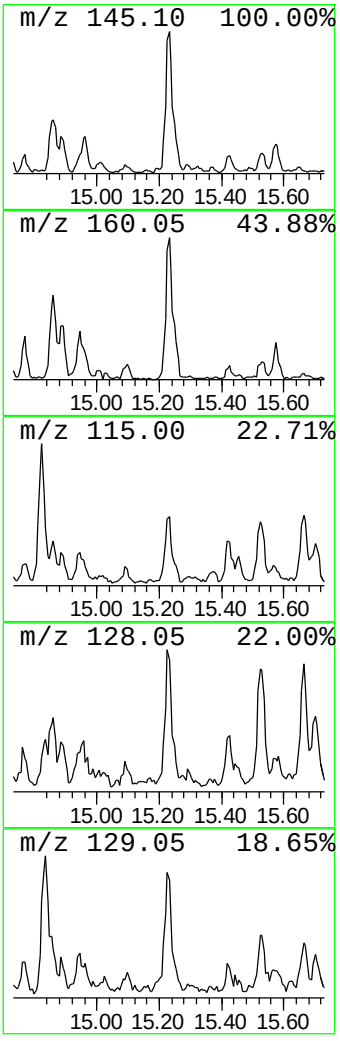
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	0.76 ug/L	219710	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	90
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	76
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	76
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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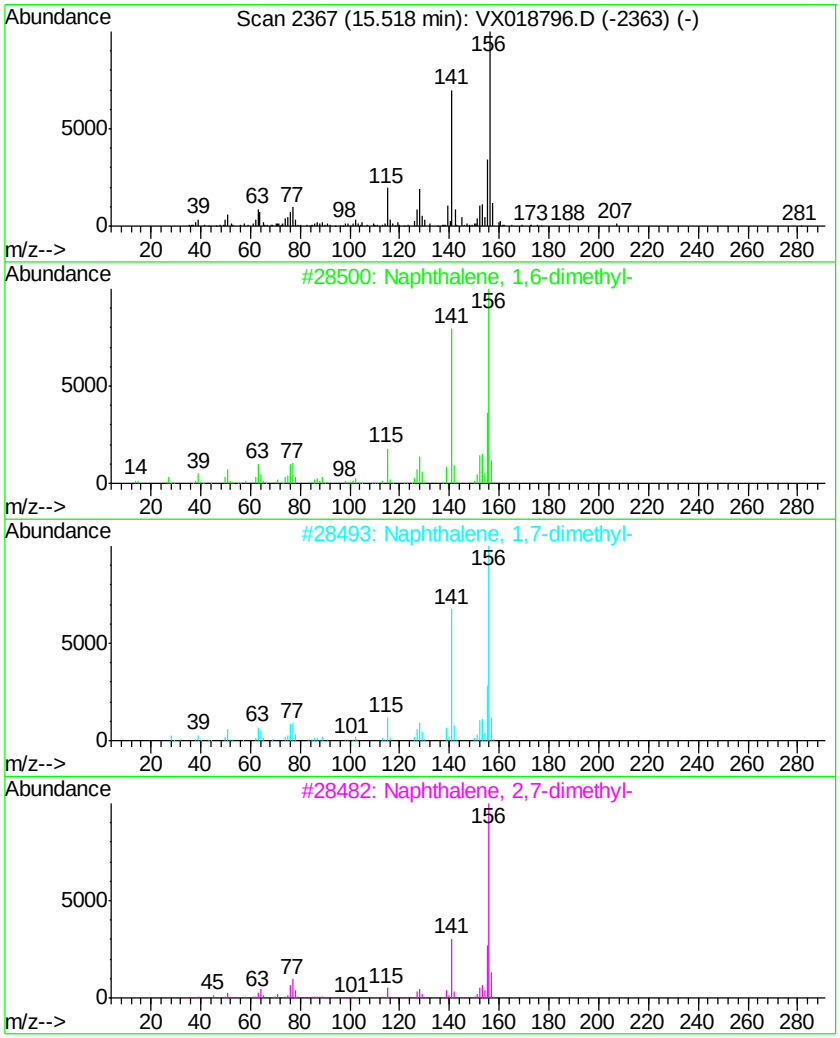
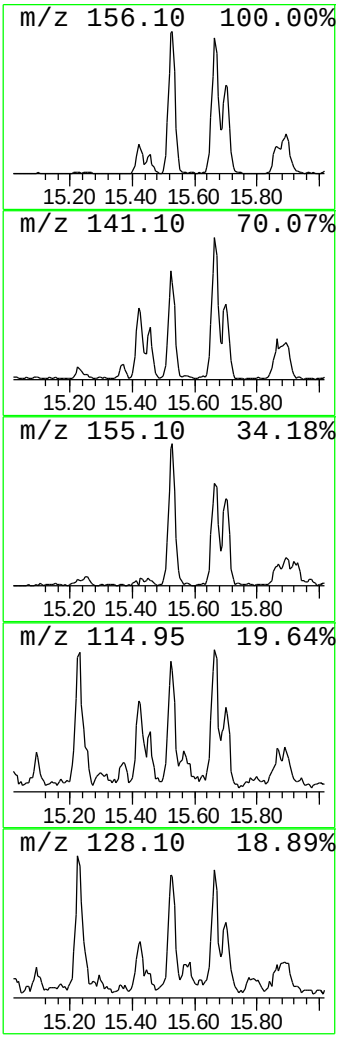
Peak Number 35 Naphthalene, 1,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	0.68 ug/L	195495	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, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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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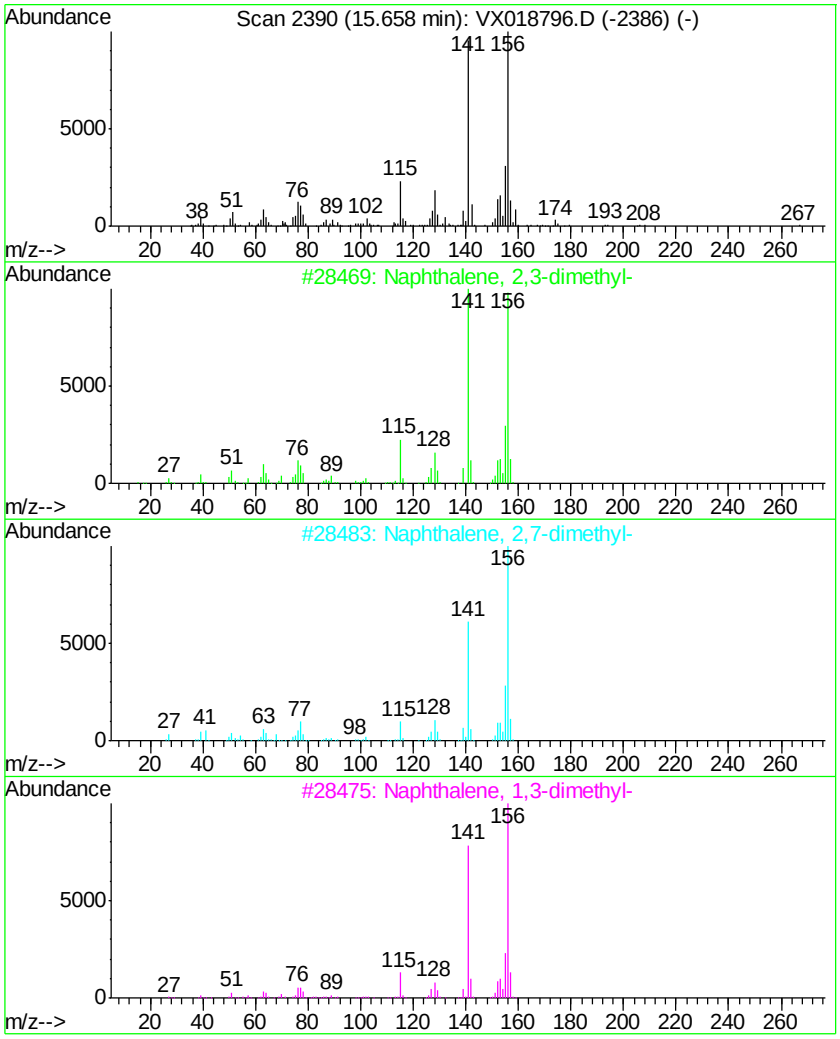
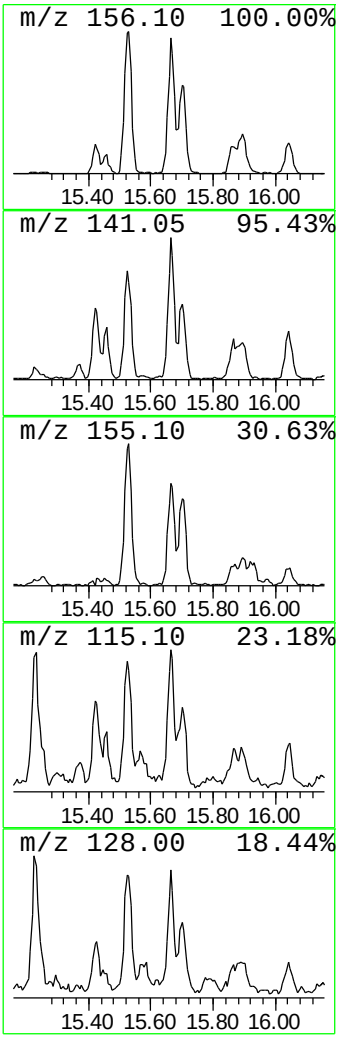
Peak Number 36 Naphthalene, 2,3-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	0.63 ug/L	182960	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018796.D
Acq On : 06 Oct 2020 13:50
Operator : JC/SP
Sample : L4240-03 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R0

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
(DEL) Alkane: Str...	2.82	6.8	ug/L	582253	1	6.83	425363	5.0
(DEL) Alkane: Str...	2.87	49.8	ug/L	4238490	1	6.83	425363	5.0
(DEL) Alkane: Str...	3.15	93.2	ug/L	7925770	1	6.83	425363	5.0
(DEL) Alkane: Str...	3.50	162.5	ug/L	13822000	1	6.83	425363	5.0
(DEL) Alkane: Str...	4.12	13.7	ug/L	1166560	1	6.83	425363	5.0
(DEL) Alkane: Str...	4.28	9.5	ug/L	811621	1	6.83	425363	5.0
(DEL) Alkane: Cyc...	4.37	49.3	ug/L	4191710	1	6.83	425363	5.0
(DEL) Alkane: Str...	7.15	2.7	ug/L	230384	1	6.83	425363	5.0
(DEL) Alkane: Cyc...	8.82	0.5	ug/L	350981	2	10.10	3459610	5.0
Benzene, 1-ethyl-...	11.42	0.7	ug/L	211719	3	12.06	1441930	5.0
Benzene, 1,2,4-tr...	11.79	1.2	ug/L	347966	3	12.06	1441930	5.0
Benzene, 1-methyl...	12.30	1.3	ug/L	387756	3	12.06	1441930	5.0
Benzene, 1-methyl...	12.50	0.6	ug/L	157204	3	12.06	1441930	5.0
Benzene, 2-ethyl-...	12.57	0.9	ug/L	263272	3	12.06	1441930	5.0
Benzene, 1-methyl...	12.59	0.9	ug/L	257018	3	12.06	1441930	5.0
p-Cymene	12.65	1.7	ug/L	503221	3	12.06	1441930	5.0
Benzene, 1-ethyl-...	12.76	1.0	ug/L	294312	3	12.06	1441930	5.0
o-Cymene	12.88	0.6	ug/L	177013	3	12.06	1441930	5.0
Benzene, 1,2,3,4-...	12.96	1.6	ug/L	475261	3	12.06	1441930	5.0
1,3-Cyclopentadie...	13.00	2.2	ug/L	642692	3	12.06	1441930	5.0
Benzene, 4-ethyl-...	13.06	0.7	ug/L	209490	3	12.06	1441930	5.0
Benzene, 1-methyl...	13.21	0.9	ug/L	249656	3	12.06	1441930	5.0
Benzene, 2-ethyl-...	13.29	0.8	ug/L	215720	3	12.06	1441930	5.0
Benzene, (1-methy...	13.33	1.8	ug/L	531854	3	12.06	1441930	5.0
Benzene, 1-methyl...	13.41	0.6	ug/L	168383	3	12.06	1441930	5.0
Benzene, 2,4-dime...	13.71	0.5	ug/L	153502	3	12.06	1441930	5.0
Naphthalene, 1,2,...	13.89	0.7	ug/L	188079	3	12.06	1441930	5.0
1H-Indene, 2,3-di...	14.12	0.5	ug/L	156557	3	12.06	1441930	5.0
Benzene, (1,2-dim...	14.26	0.9	ug/L	266058	3	12.06	1441930	5.0
1H-Indene, 2,3-di...	14.52	0.6	ug/L	173751	3	12.06	1441930	5.0
Naphthalene, 1,2,...	14.66	0.7	ug/L	202933	3	12.06	1441930	5.0
Naphthalene, 1-me...	14.68	1.0	ug/L	275490	3	12.06	1441930	5.0
Benzene, 1,3,5-tr...	15.23	0.8	ug/L	219710	3	12.06	1441930	5.0
Naphthalene, 1,6-...	15.52	0.7	ug/L	195495	3	12.06	1441930	5.0
Naphthalene, 2,3-...	15.66	0.6	ug/L	182960	3	12.06	1441930	5.0