LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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	46	49	57	rVB	58628	59139	2.43%	0.518%
2	1.697	96	100	106	rVB	50461	60331	2.48%	0.529%
3	2.343	200	206	218	rVB	113861	179794	7.39%	1.576%
4	2.825	276	285	299	rBV	140137	343253	14.11%	3.008%
5	3.148	327	338	352	rBV	1074111	2432505	100.00%	21.316%
6	4.117	485	497	510	rBV	52894	163512	6.72%	1.433%
7	4.275	510	523	529	rBV3	36200	111452	4.58%	0.977%
8	4.373	529	539	551	rVB	349598	997872	41.02%	8.744%
9	4.550	553	568	583	rBV2	52964	231870	9.53%	2.032%
10	5.135	654	664	686	rBV	72802	236641	9.73%	2.074%
11	5.544	719	731	745	rBV3	27324	86837	3.57%	0.761%
12	6.043	801	813	831	rBV2	178047	520267	21.39%	4.559%
13	6.830	931	942	954	rBV	131135	316466	13.01%	2.773%
14	7.366	1022	1030	1038	rBV2	111797	241615	9.93%	2.117%
15	8.372	1188	1195	1202	rBV	74939	123133	5.06%	1.079%
16	8.695	1242	1248	1256	rVB	277283	432603	17.78%	3.791%
17	8.994	1286	1297	1309	rBV2	51033	112727	4.63%	0.988%
18	9.427	1362	1368	1379	rBV	387491	540438	22.22%	4.736%
19	10.122	1469	1482	1488	rBV2	962364	1694113	69.64%	14.845%
20	10.232	1496	1500	1511	rVB	51043	69630	2.86%	0.610%
21	10.341	1511	1518	1525	rBV	72392	99712	4.10%	0.874%
22	11.232	1657	1664	1670	rBV	121728	154908	6.37%	1.357%
23	11.341	1676	1682	1690	rBV	17755	24828	1.02%	0.218%
24	11.421	1690	1695	1697	rBV2	20470	31062	1.28%	0.272%
25	11.792	1751	1756	1761	rVB	52521	66552	2.74%	0.583%
26	12.012	1785	1792	1795	rBV	33672	46161	1.90%	0.405%
27	12.061	1795	1800	1807	rVV	299790	414793	17.05%	3.635%
28	12.128	1807	1811	1818	rVB2	18292	24759	1.02%	0.217%
29	12.286	1830	1837	1839	rBV	47360	66186	2.72%	0.580%
30	12.359	1844	1849	1856	rVB2	379337	505827	20.79%	4.433%
31	12.500	1867	1872	1877	rBV	30106	39714	1.63%	0.348%
32	12.567	1878	1883	1885	rBV	38187	49747	2.05%	0.436%
33	12.591	1885	1887	1892	rVB	41774	48385	1.99%	0.424%
34	12.652	1892	1897	1901	rBV	85780	101496	4.17%	0.889%

LSC Area Percent Report

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Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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	12.756	1907	1914	1920	rBV3	19431	41569	1.71%	0.364%
36	12.884	1931	1935	1941	rVB3	26829	39718	1.63%	0.348%
37	12.963	1941	1948	1951	rBV	62259	86002	3.54%	0.754%
38	13.000	1951	1954	1959	rVB	96476	114530	4.71%	1.004%
39	13.207	1984	1988	1992	rVB	24267	31167	1.28%	0.273%
40	13.329	2004	2008	2018	rVB3	75839	117922	4.85%	1.033%
41	13.621	2052	2056	2063	rBV3	26104	53565	2.20%	0.469%
42	13.707	2063	2070	2076	rVB3	17798	43706	1.80%	0.383%
43	13.890	2096	2100	2105	rBV3	24438	40678	1.67%	0.356%
44	13.969	2105	2113	2117	rBV3	21208	32205	1.32%	0.282%
45	14.268	2155	2162	2170	rVB4	22541	47532	1.95%	0.417%
46	14.524	2197	2204	2210	rBV2	26902	40084	1.65%	0.351%
47	14.676	2222	2229	2232	rBV3	18977	34850	1.43%	0.305%
48	15.664	2384	2391	2395	rBV2	19170	32204	1.32%	0.282%
49	16.151	2466	2471	2479	rBV	15342	27606	1.13%	0.242%

Sum of corrected areas: 11411666

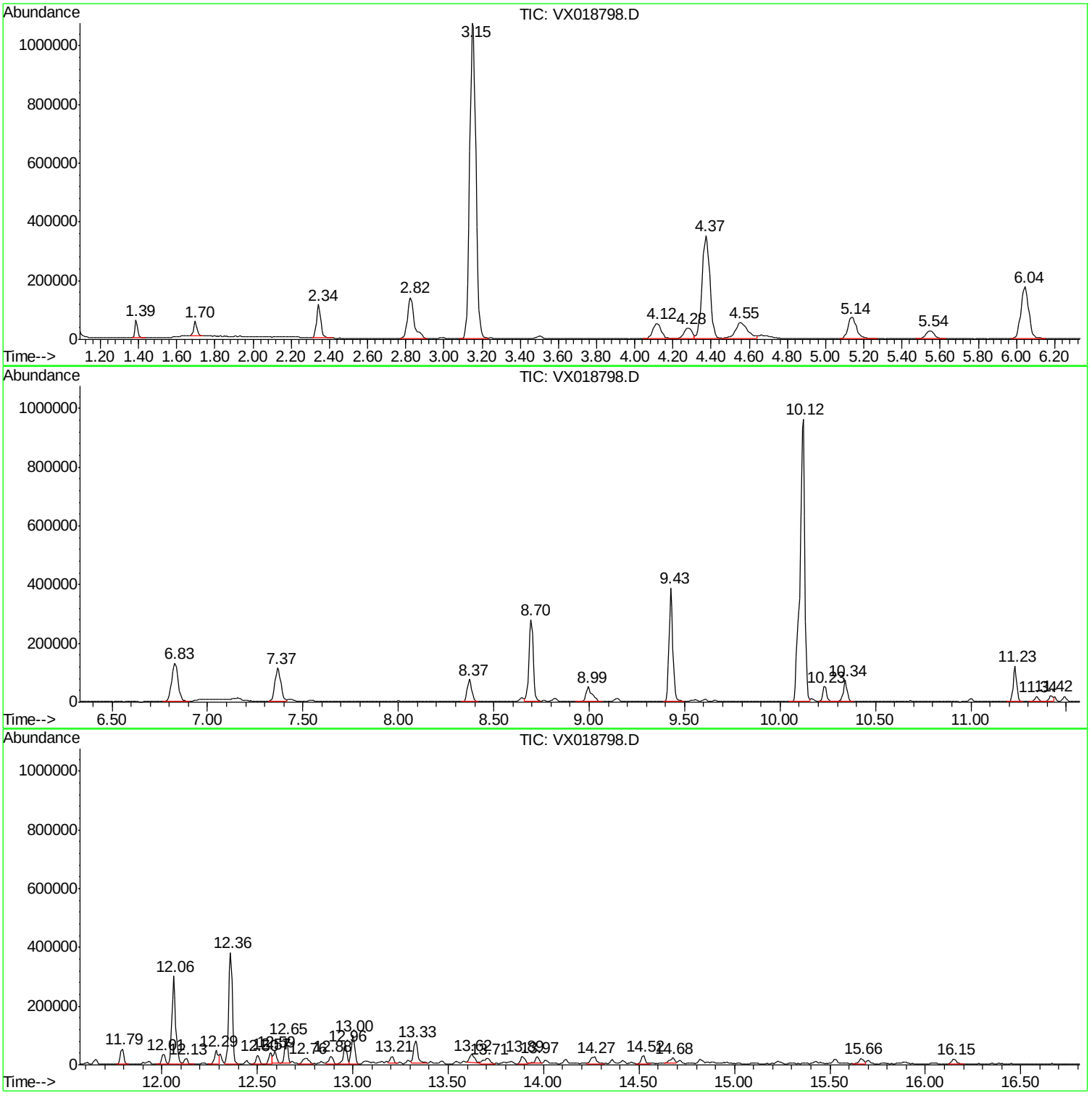
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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

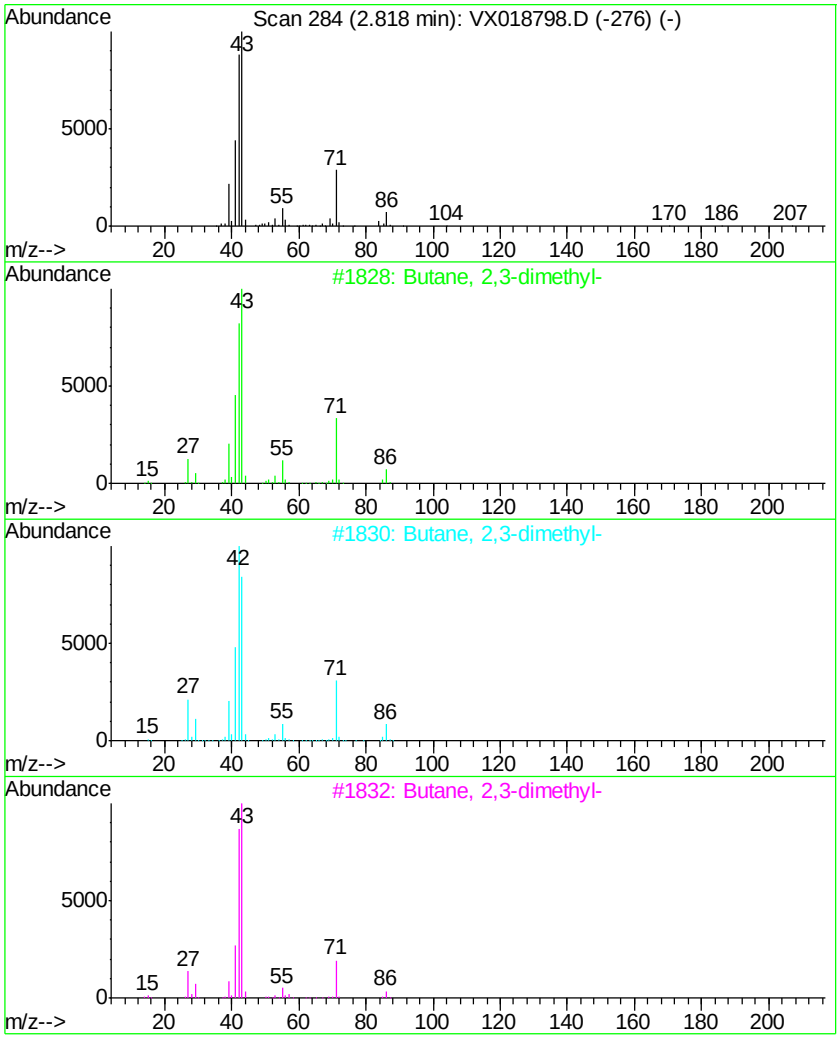
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

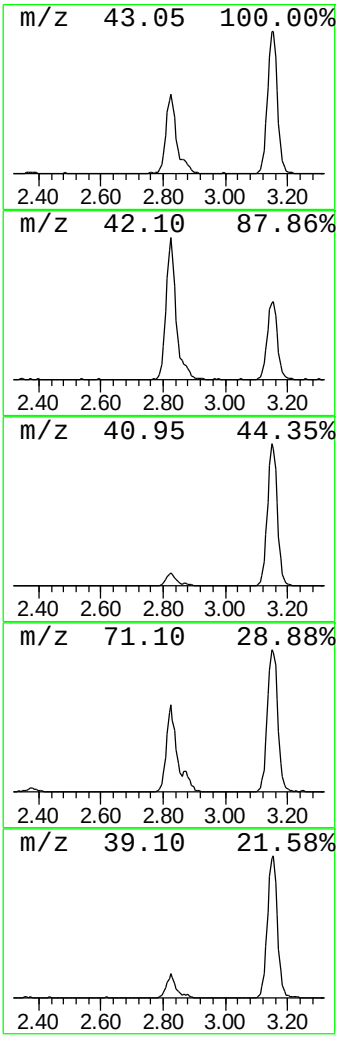
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	5.42 ug/L	343253	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	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
4	1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	38
5	Butane, 2-methyl-	72	C5H12	000078-78-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

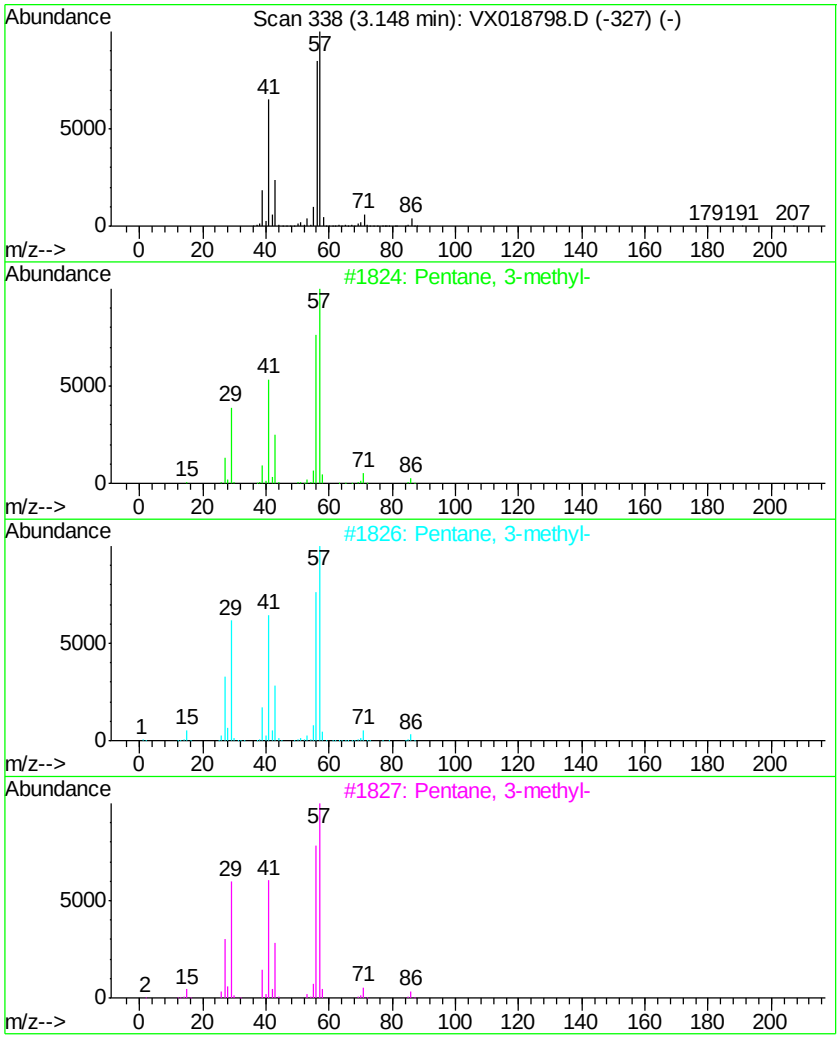
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

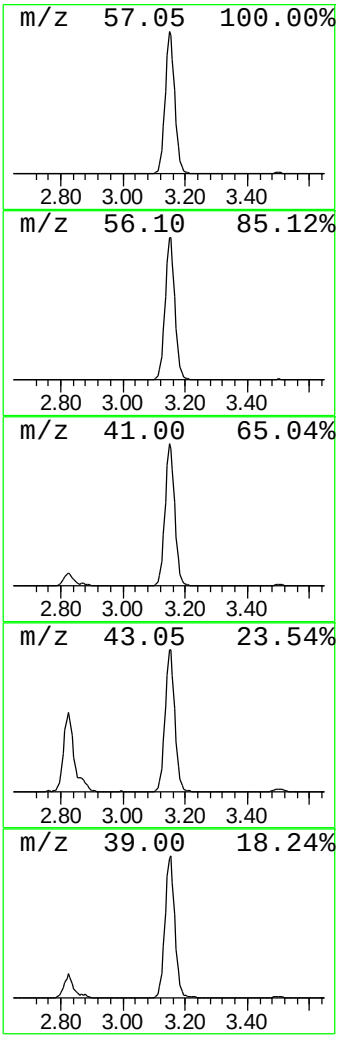
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	38.43 ug/L	2432510	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	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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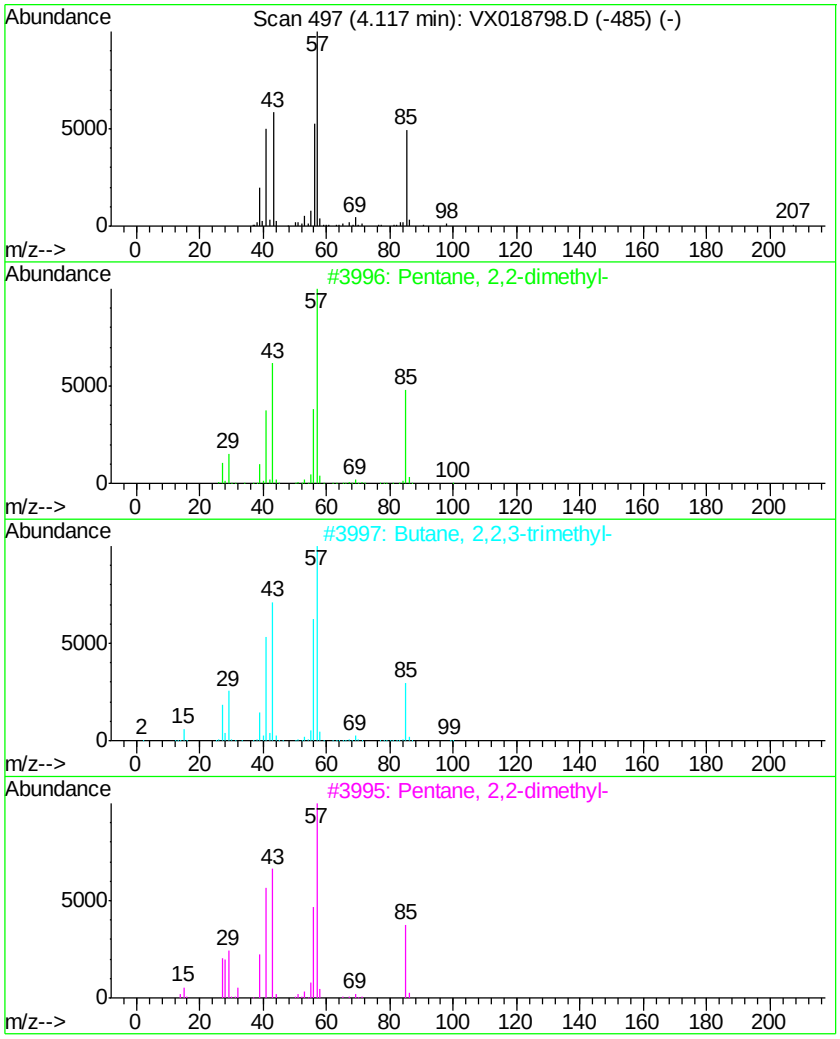
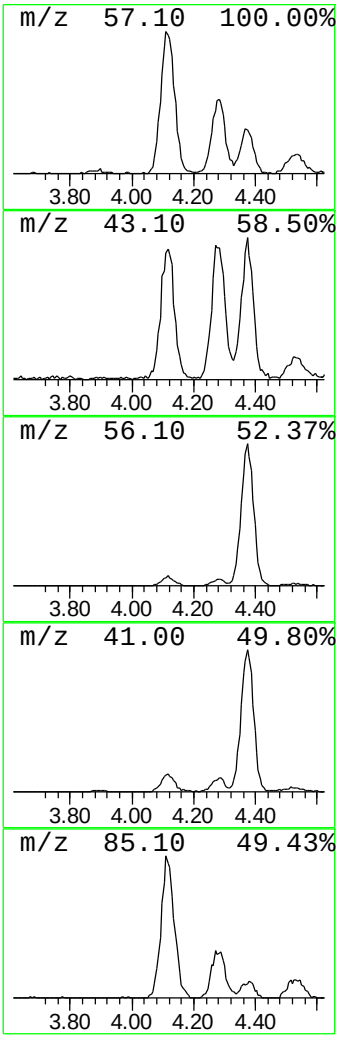
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	2.58 ug/L	163512	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	90
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	83
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	83
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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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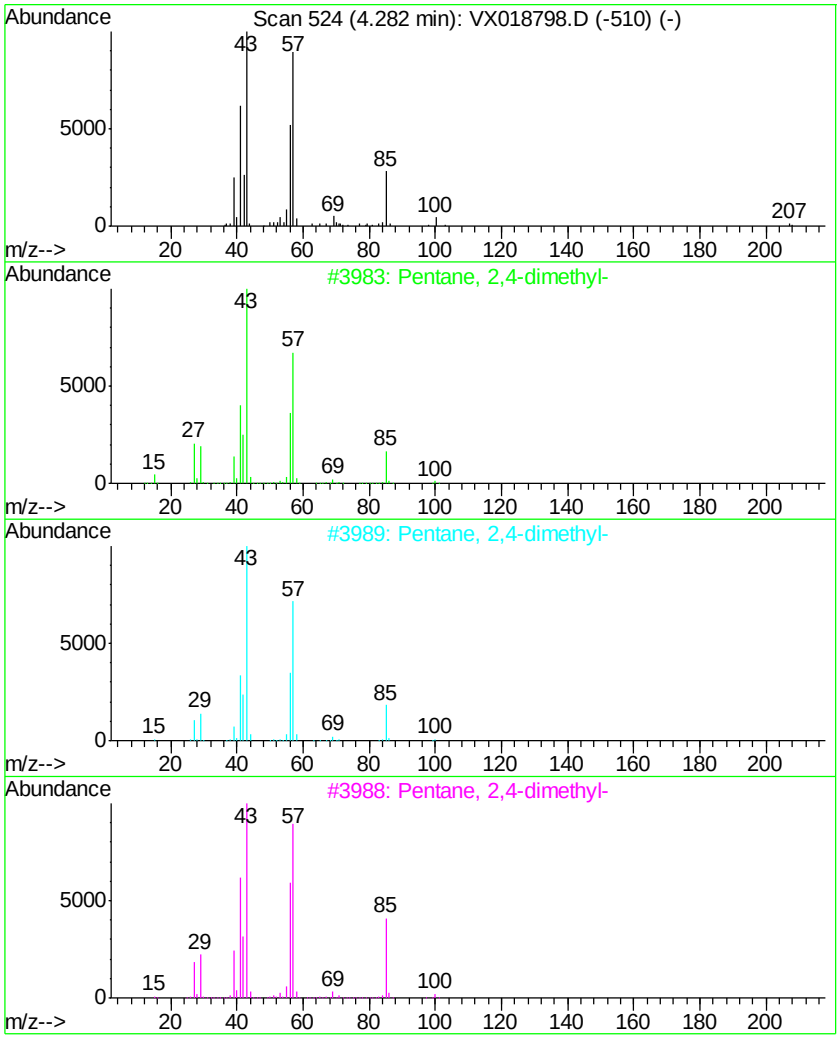
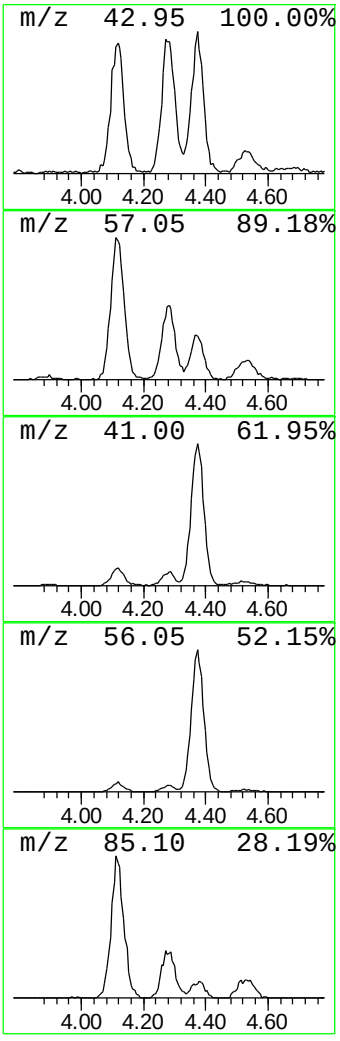
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	1.76 ug/L	111452	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	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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

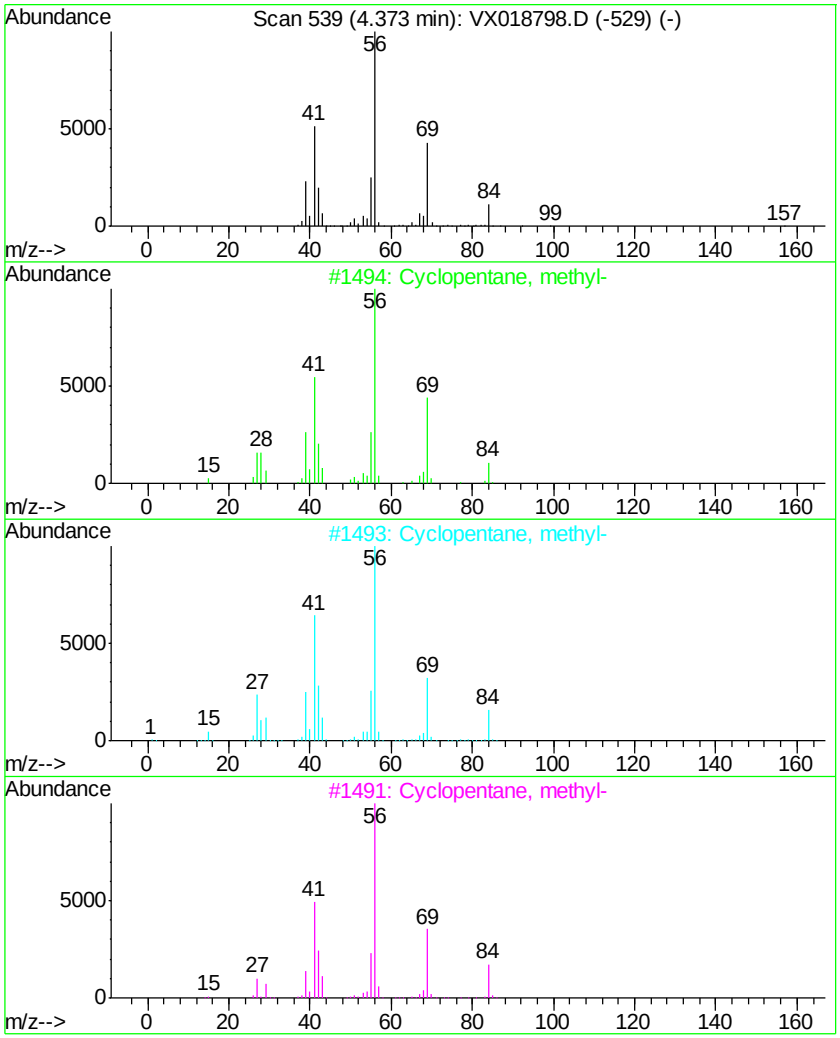
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

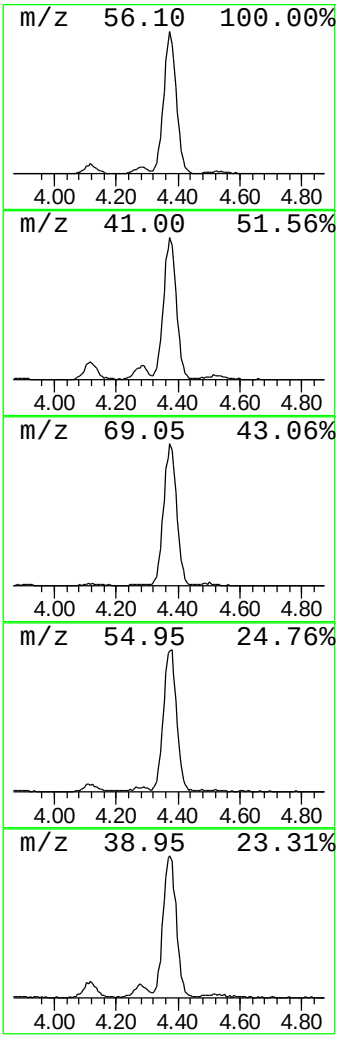
****

Peak Number 5 (DEL) Alkane: Cyclic4.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	15.77 ug/L	997872	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	Cyclobutane	56	C4H8	000287-23-0	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
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Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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

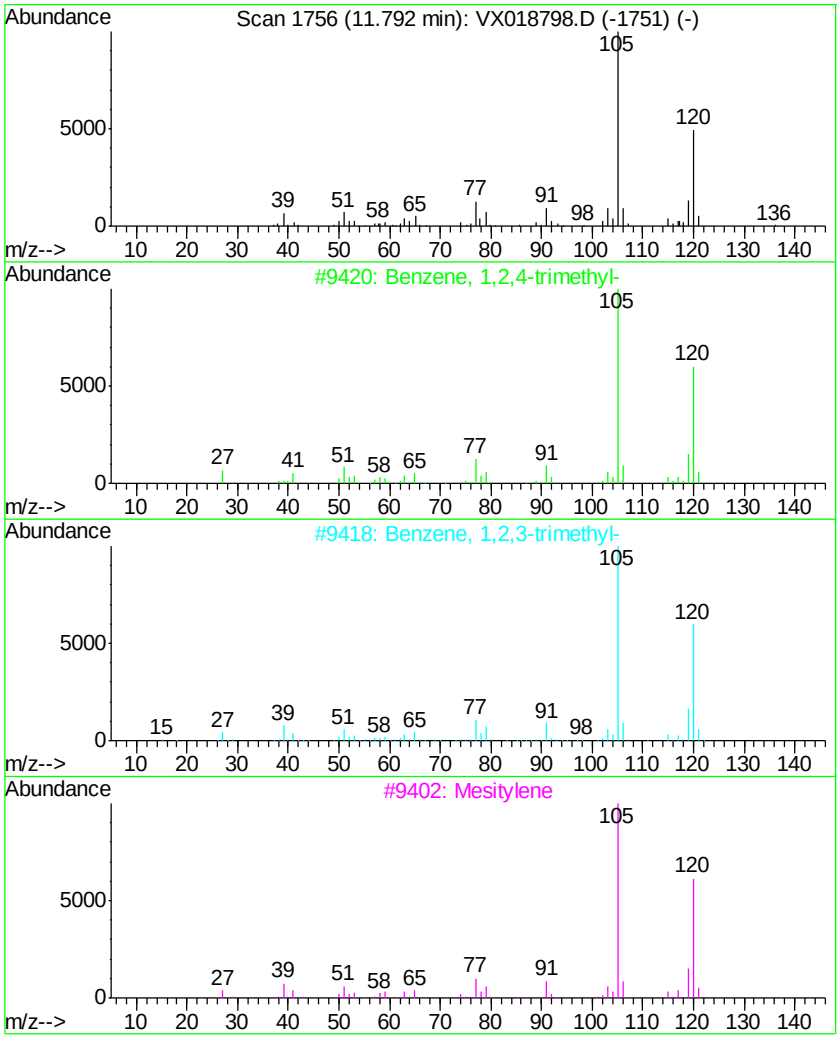
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

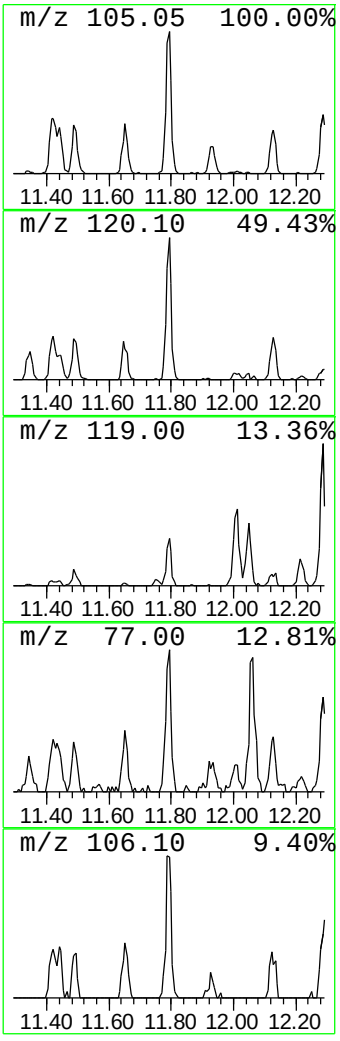
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	0.80 ug/L	66552	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	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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

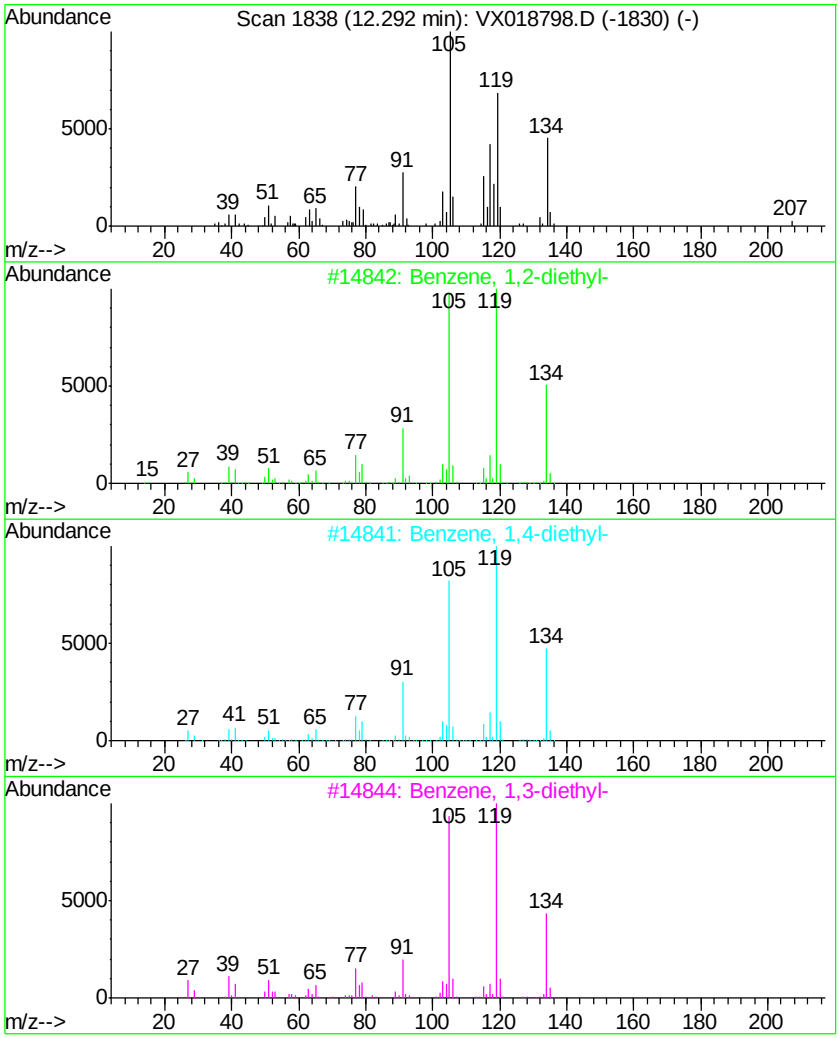
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

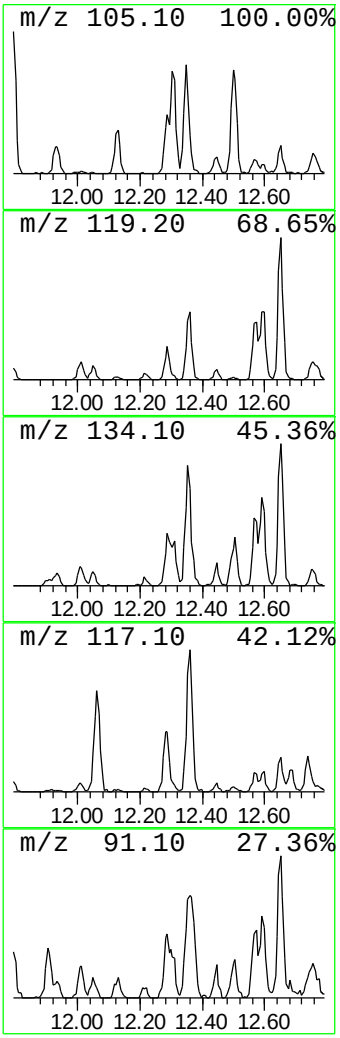
****

Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	0.80 ug/L	66186	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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

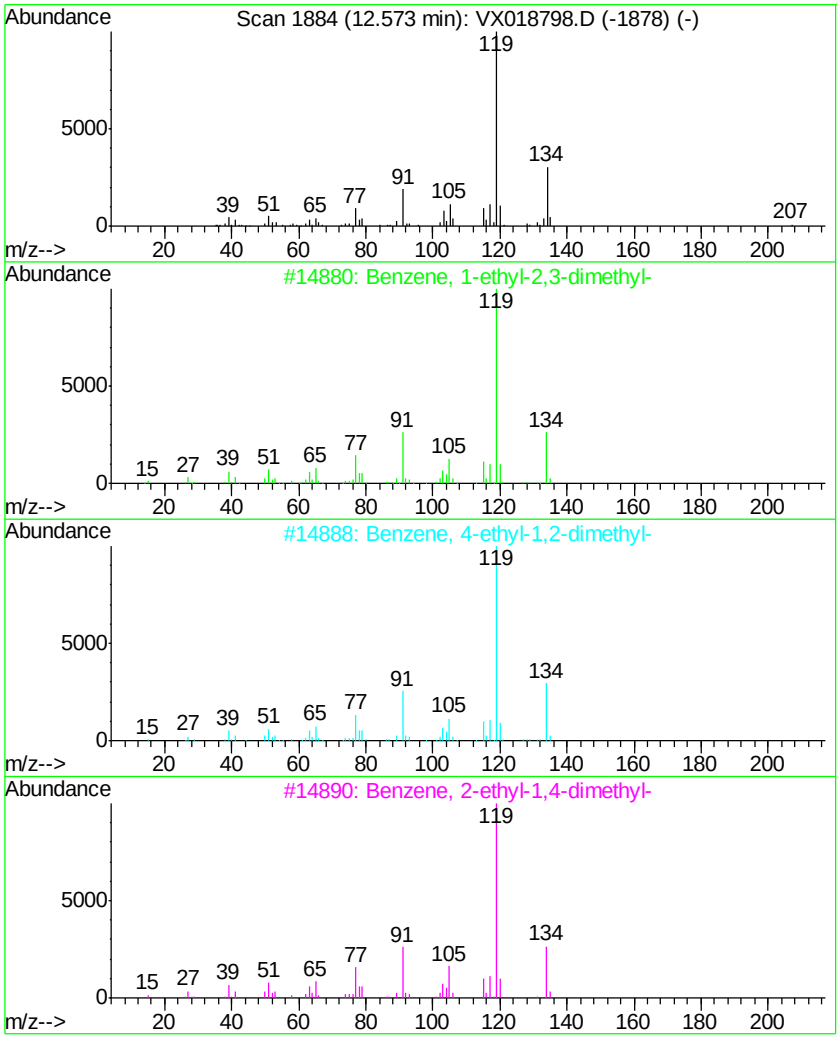
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

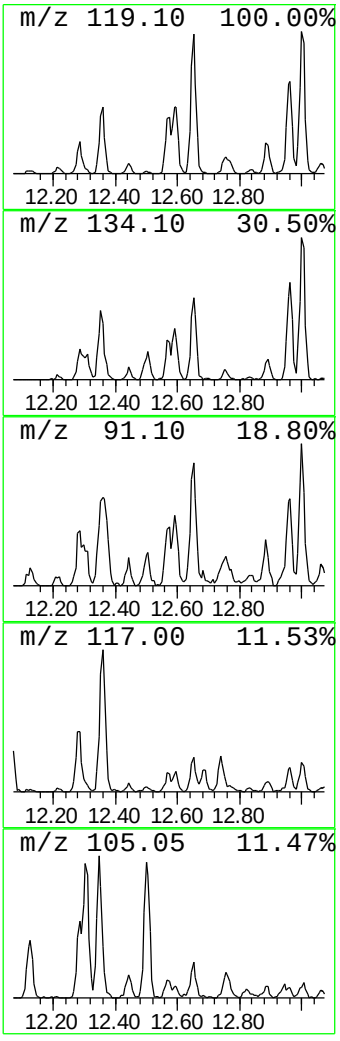
****

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	0.60 ug/L	49747	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	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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

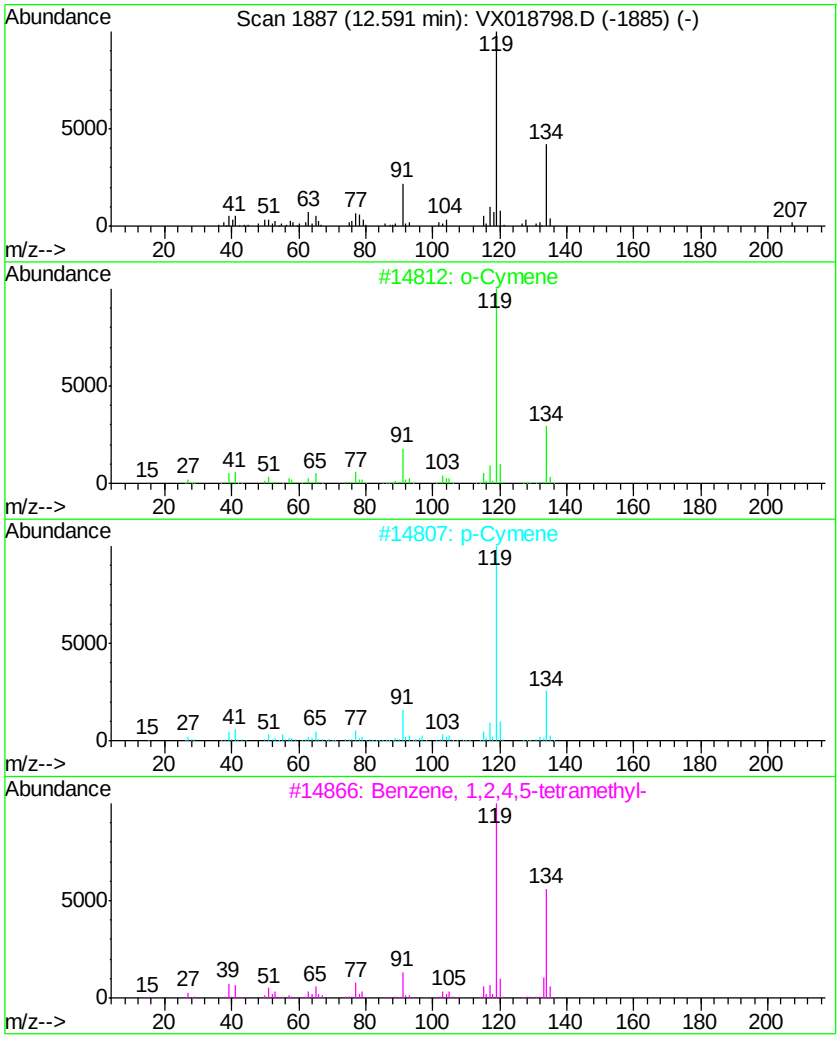
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

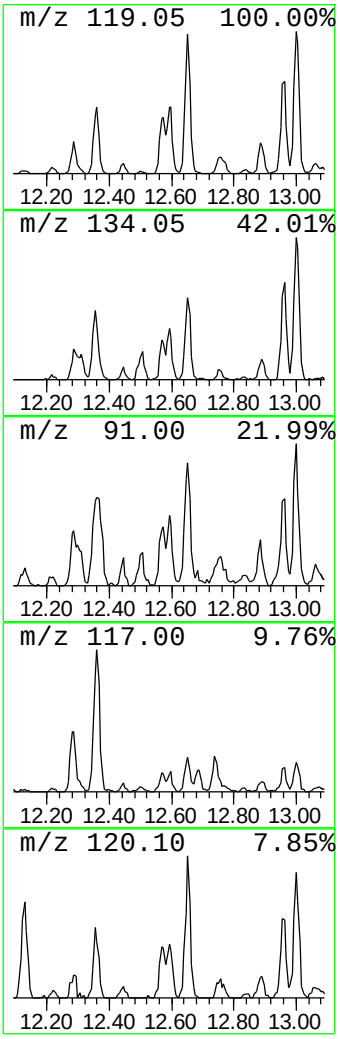
****

Peak Number 10 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	0.58 ug/L	48385	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	p-Cymene	134	C10H14	000099-87-6	87
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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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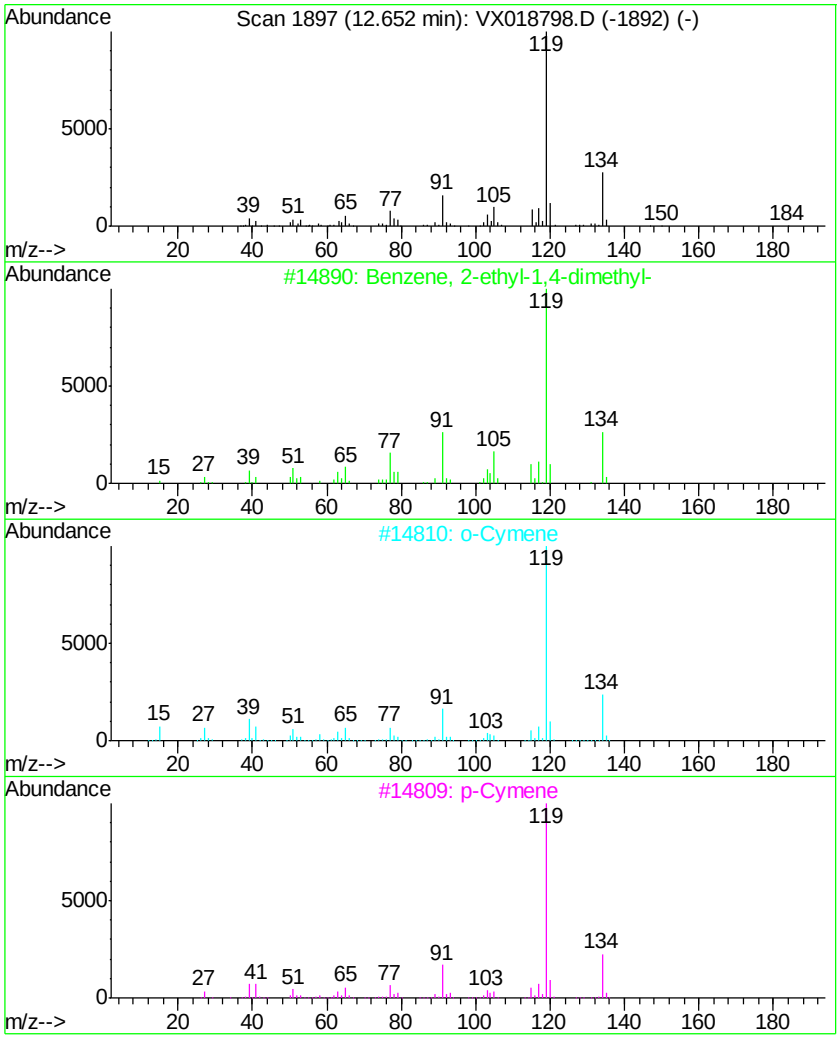
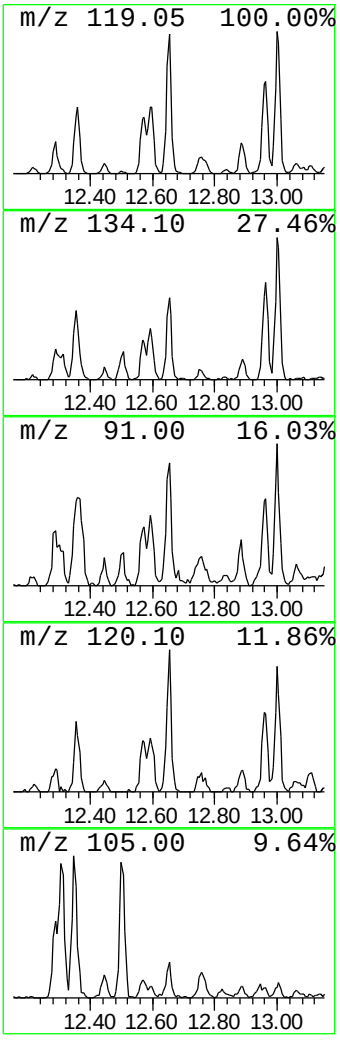
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	1.22 ug/L	101496	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	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	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 : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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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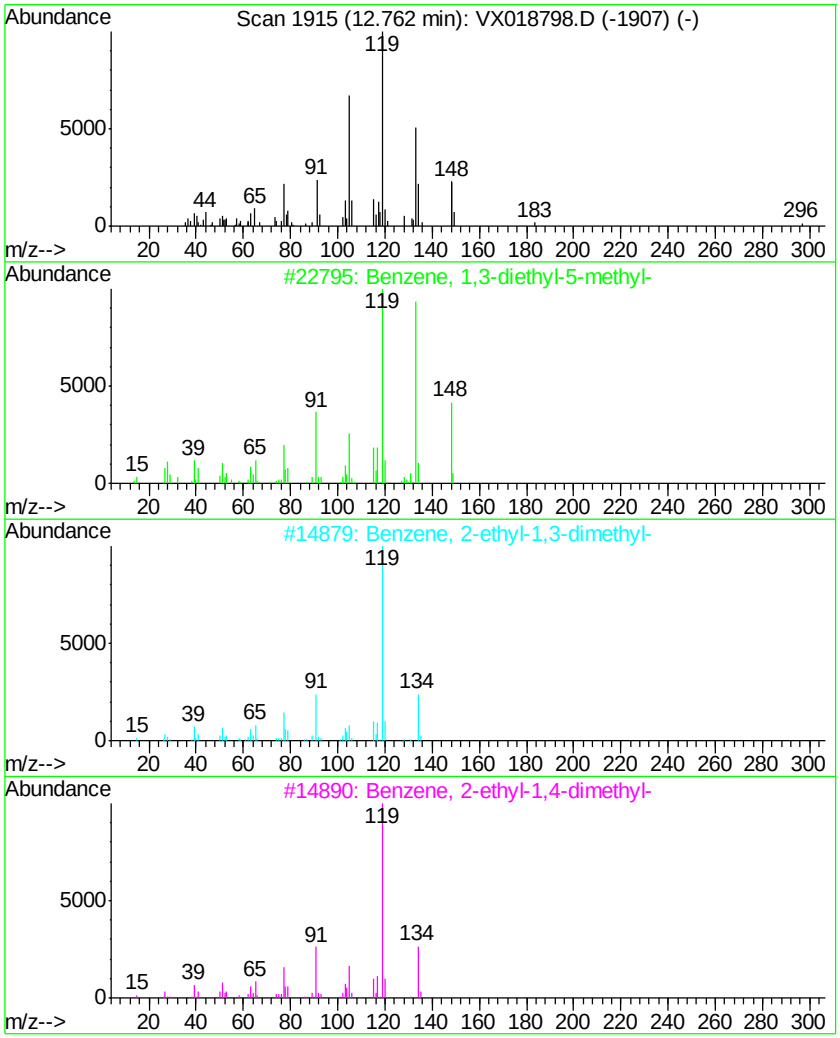
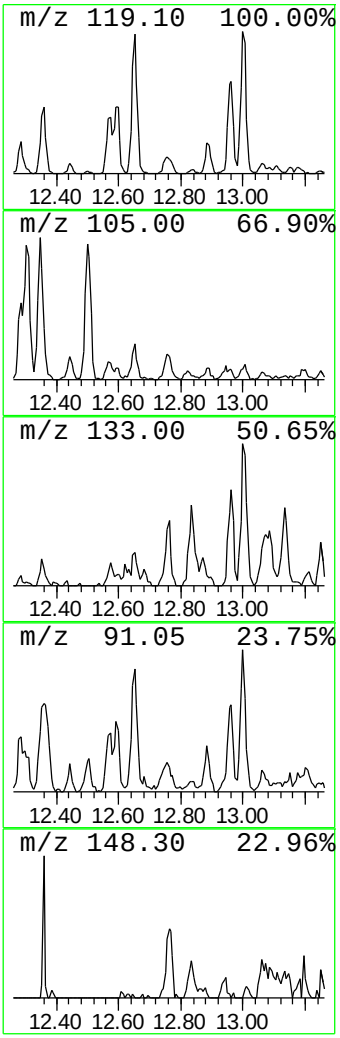
Peak Number 12 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	0.50 ug/L	41569	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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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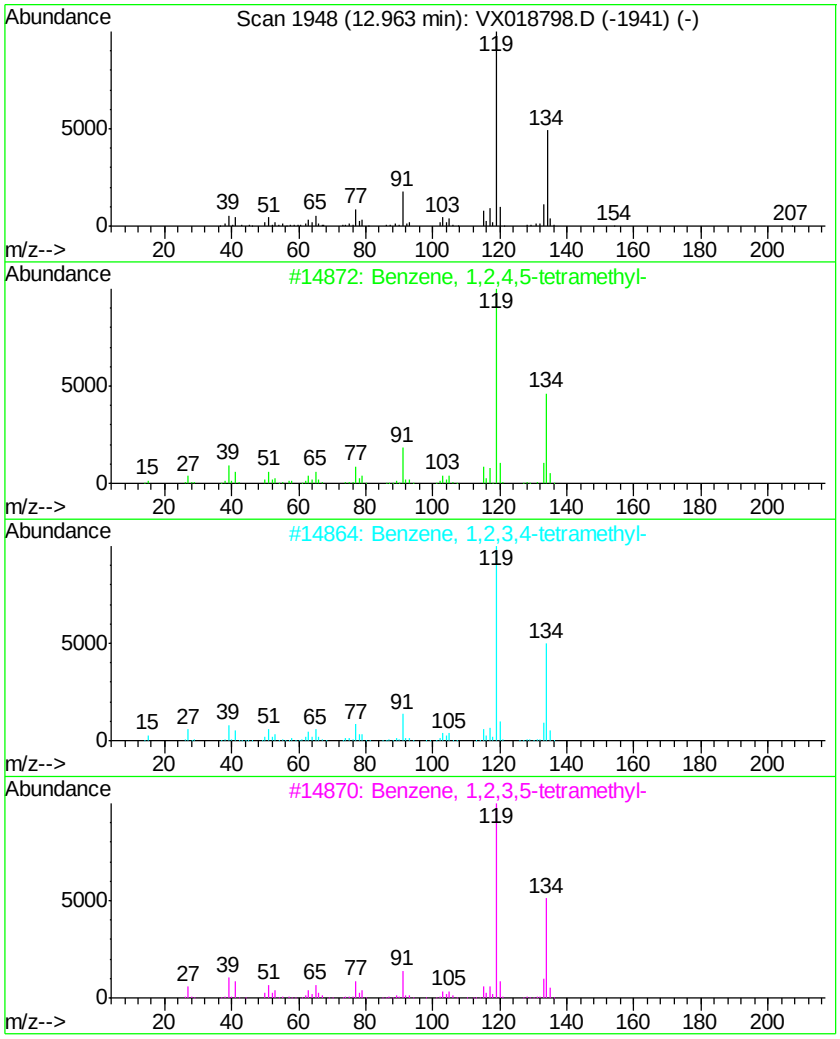
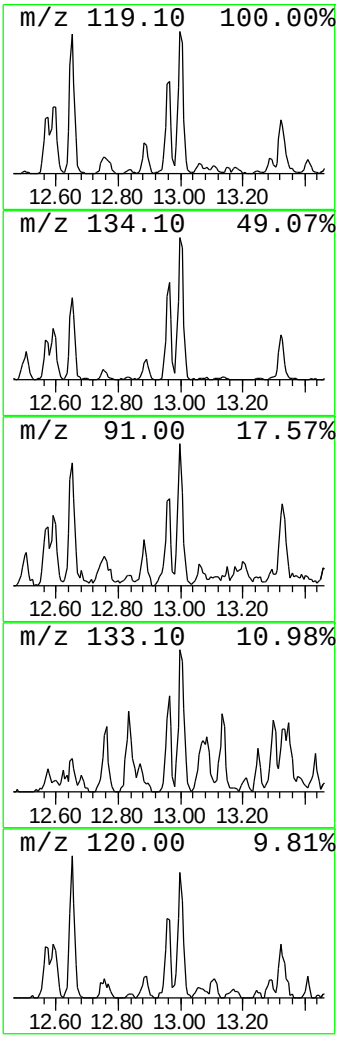
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	1.04 ug/L	86002	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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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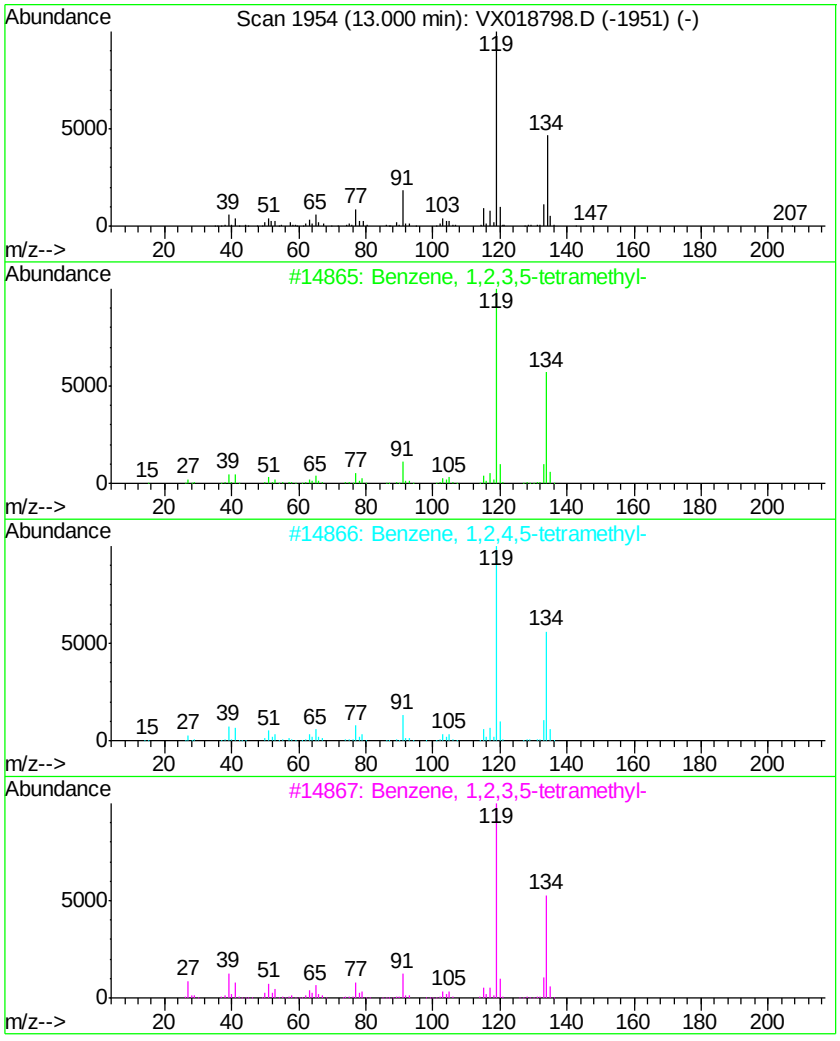
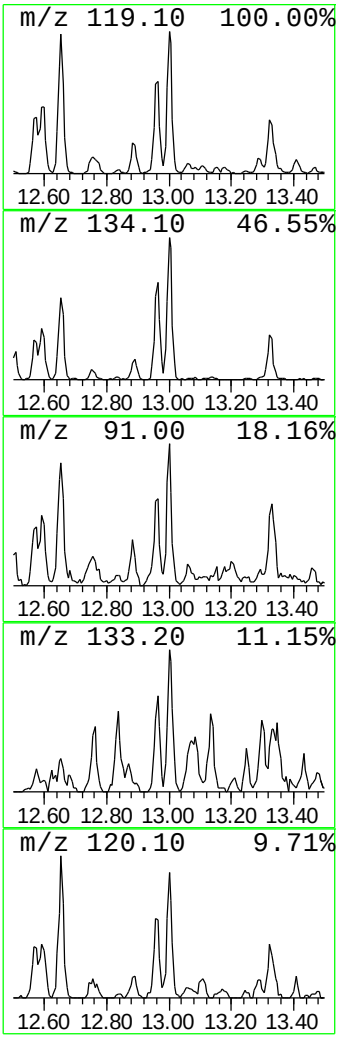
Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	1.38 ug/L	114530	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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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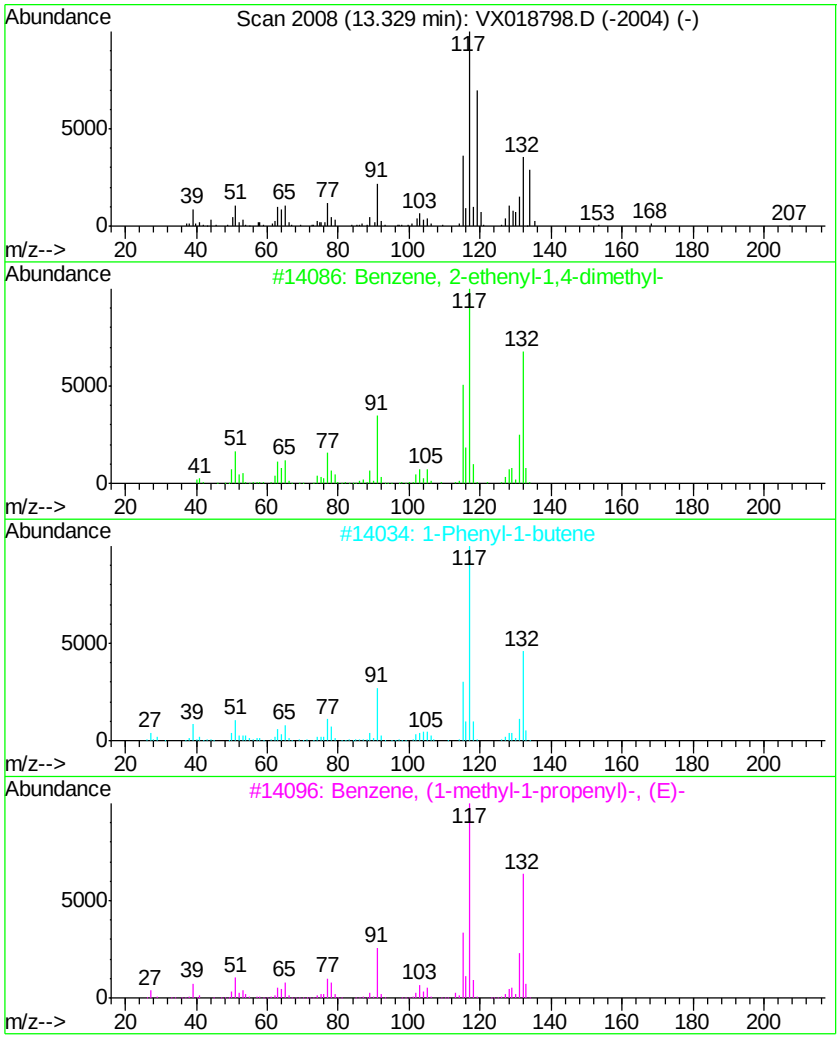
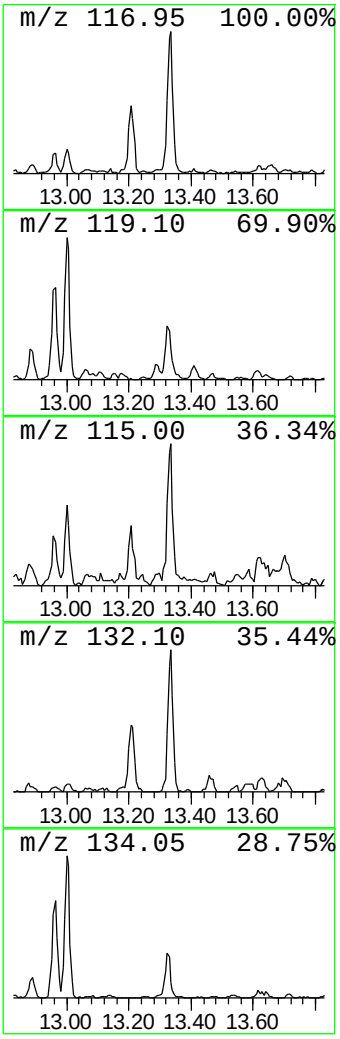
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	1.42 ug/L	117922	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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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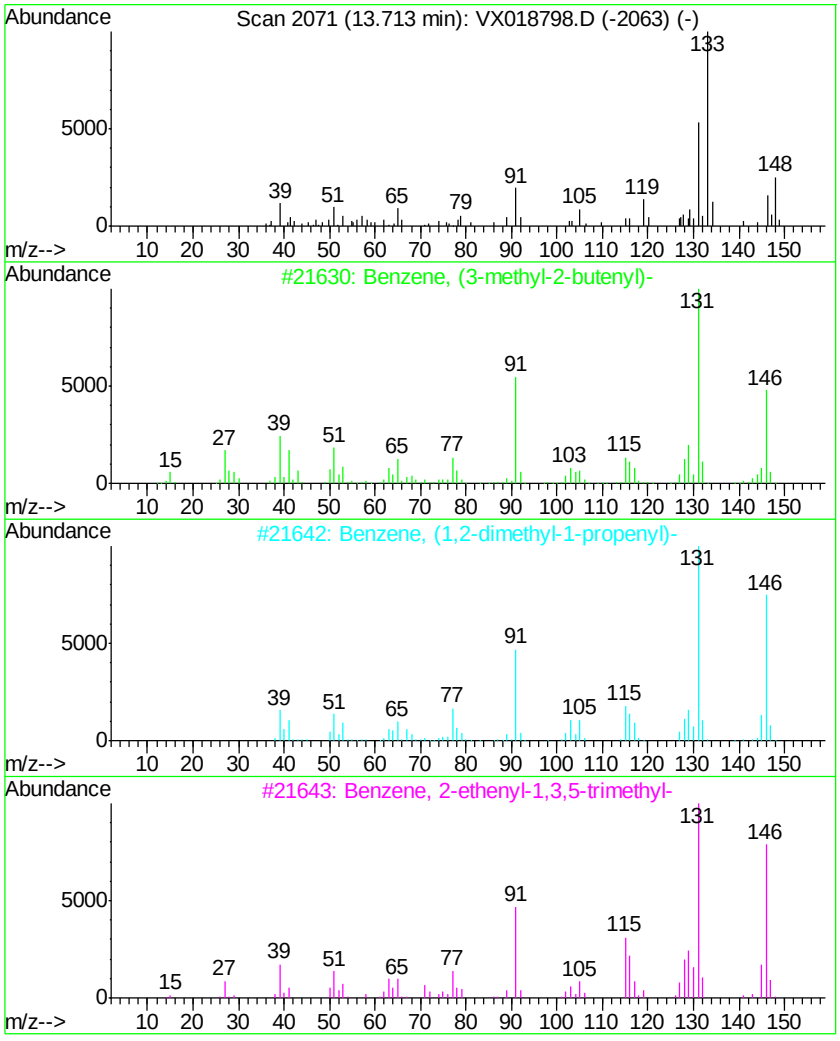
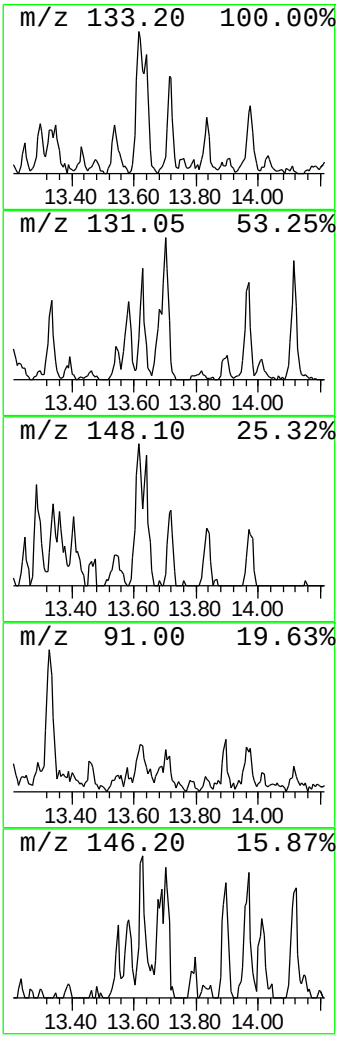
Peak Number 16 Benzene, (3-methyl-2-butenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	0.53 ug/L	43706	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	52
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	49
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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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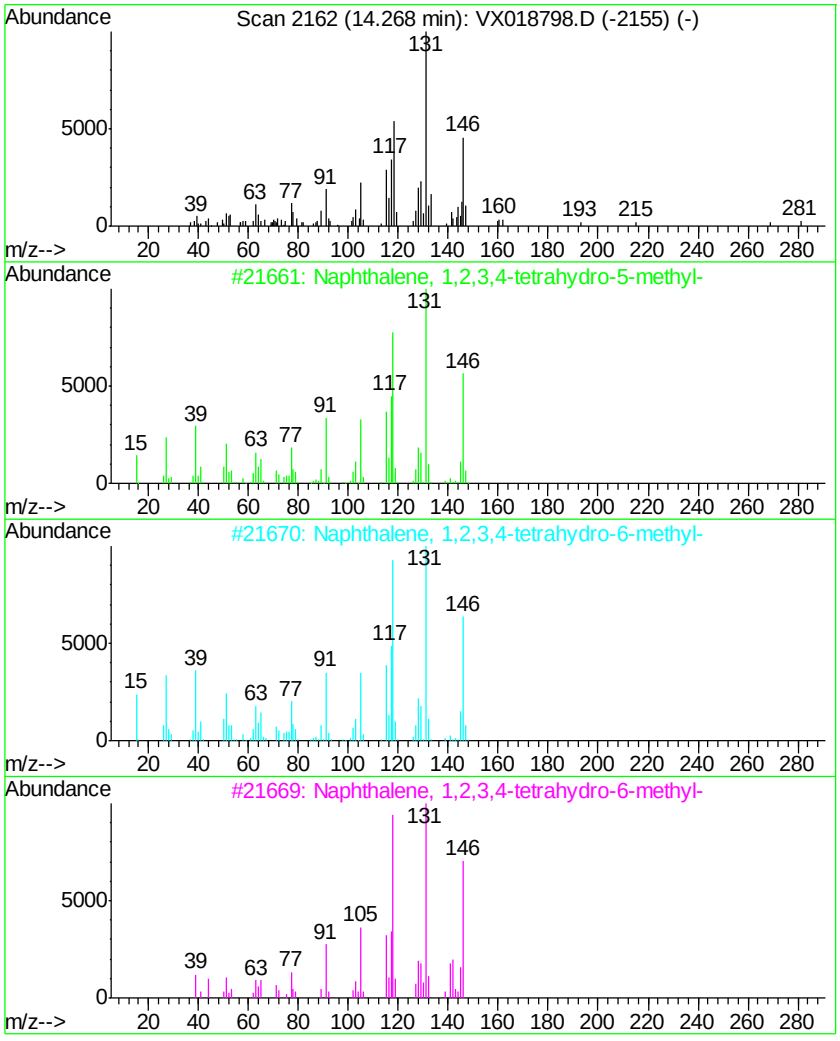
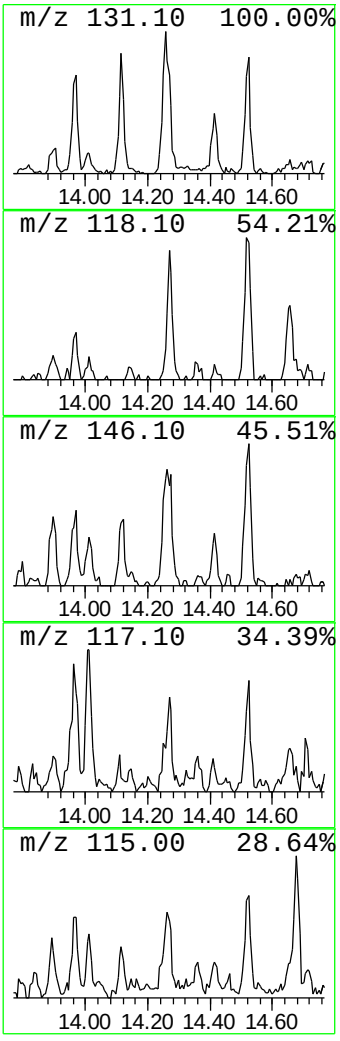
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	0.57 ug/L	47532	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018798.D
Acq On : 06 Oct 2020 14:41
Operator : JC/SP
Sample : L4240-05 10X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3R3

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	5.4	ug/L	343253	1	6.83	316466	5.0
(DEL) Alkane: Str...	3.15	38.4	ug/L	2432510	1	6.83	316466	5.0
(DEL) Alkane: Str...	4.12	2.6	ug/L	163512	1	6.83	316466	5.0
(DEL) Alkane: Str...	4.28	1.8	ug/L	111452	1	6.83	316466	5.0
(DEL) Alkane: Cyc...	4.37	15.8	ug/L	997872	1	6.83	316466	5.0
Benzene, 1,2,4-tr...	11.79	0.8	ug/L	66552	3	12.06	414793	5.0
Benzene, 1,2-diet...	12.29	0.8	ug/L	66186	3	12.06	414793	5.0
Benzene, 1-ethyl-...	12.57	0.6	ug/L	49747	3	12.06	414793	5.0
o-Cymene	12.59	0.6	ug/L	48385	3	12.06	414793	5.0
Benzene, 2-ethyl-...	12.65	1.2	ug/L	101496	3	12.06	414793	5.0
Benzene, 1,3-diet...	12.76	0.5	ug/L	41569	3	12.06	414793	5.0
Benzene, 1,2,4,5-...	12.96	1.0	ug/L	86002	3	12.06	414793	5.0
Benzene, 1,2,3,5-...	13.00	1.4	ug/L	114530	3	12.06	414793	5.0
Benzene, 2-etheny...	13.33	1.4	ug/L	117922	3	12.06	414793	5.0
Benzene, (3-methy...	13.71	0.5	ug/L	43706	3	12.06	414793	5.0
Naphthalene, 1,2,...	14.27	0.6	ug/L	47532	3	12.06	414793	5.0