LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

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\SOMXTR092820WMA.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	55	rBV	105247	115796	2.05%	0.234%
2	1.697	96	100	107	rVB	85224	95571	1.69%	0.193%
3	2.343	200	206	217	rBV	191453	303581	5.37%	0.614%
4	2.825	277	285	287	rBV	120213	218538	3.87%	0.442%
5	2.873	287	293	307	rVB	885221	1849701	32.72%	3.740%
6	3.154	329	339	356	rBV	1924182	4330571	76.60%	8.756%
7	3.501	385	396	411	rBV	2543608	5653451	100.00%	11.431%
8	4.117	487	497	508	rVV2	93042	275725	4.88%	0.557%
9	4.282	512	524	532	rVV2	68076	209872	3.71%	0.424%
10	4.373	532	539	551	rVB2	49437	147073	2.60%	0.297%
11	4.544	557	567	579	rBV2	88387	287425	5.08%	0.581%
12	5.141	652	665	680	rBV2	114421	356104	6.30%	0.720%
13	6.043	801	813	828	rBV2	250431	757264	13.39%	1.531%
14	6.830	932	942	954	rBV	202483	484040	8.56%	0.979%
15	7.366	1022	1030	1040	rBV	158673	352460	6.23%	0.713%
16	8.372	1190	1195	1204	rVB	102724	173918	3.08%	0.352%
17	8.695	1234	1248	1257	rBV	417578	659783	11.67%	1.334%
18	8.994	1289	1297	1308	rBV	76769	123691	2.19%	0.250%
19	9.427	1362	1368	1374	rBV	522117	705347	12.48%	1.426%
20	10.098	1472	1478	1484	rBV	411598	569923	10.08%	1.152%
21	11.232	1658	1664	1671	rBV	173226	218669	3.87%	0.442%
22	11.341	1676	1682	1689	rBV	731132	922251	16.31%	1.865%
23	11.421	1689	1695	1697	rBV	909574	1334313	23.60%	2.698%
24	11.488	1702	1706	1718	rVV	854557	1080722	19.12%	2.185%
25	11.652	1729	1733	1739	rVB	197657	249651	4.42%	0.505%
26	11.792	1750	1756	1762	rVB	1507768	1796184	31.77%	3.632%
27	11.902	1768	1774	1776	rBV2	149211	185091	3.27%	0.374%
28	11.927	1776	1778	1783	rVV	178574	222998	3.94%	0.451%
29	12.012	1787	1792	1795	rVV	361390	446273	7.89%	0.902%
30	12.061	1795	1800	1806	rVV2	528724	769612	13.61%	1.556%
31	12.128	1806	1811	1816	rVB	111802	140075	2.48%	0.283%
32	12.286	1830	1837	1838	rBV	688963	763786	13.51%	1.544%
33	12.305	1838	1840	1844	rVV	1119272	1320940	23.37%	2.671%
34	12.353	1844	1848	1858	rVV2	2273125	3385857	59.89%	6.846%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

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\SOMXTR092820WMA.M
Title : TRACE VOA SOM01.0

35	12.445	1858	1863	1867	rVV	130003	156246	2.76%	0.316%
36	12.500	1867	1872	1878	rVB	542766	644632	11.40%	1.303%
37	12.573	1878	1884	1886	rBV	1355789	1983727	35.09%	4.011%
38	12.591	1886	1887	1892	rVV	1288383	1193788	21.12%	2.414%
39	12.652	1892	1897	1901	rVV	2626517	3007610	53.20%	6.081%
40	12.750	1907	1913	1920	rVV4	223058	440054	7.78%	0.890%
41	12.835	1922	1927	1931	rVV2	64115	91105	1.61%	0.184%
42	12.890	1931	1936	1940	rVV	579463	719944	12.73%	1.456%
43	12.963	1940	1948	1951	rVV	1706252	2166005	38.31%	4.379%
44	13.000	1951	1954	1960	rVV	2510144	2923573	51.71%	5.911%
45	13.060	1960	1964	1966	rVV	120527	152316	2.69%	0.308%
46	13.085	1966	1968	1970	rVV	86677	101428	1.79%	0.205%
47	13.109	1970	1972	1974	rVV	75724	81453	1.44%	0.165%
48	13.134	1974	1976	1981	rVV2	41980	70342	1.24%	0.142%
49	13.207	1981	1988	1992	rVV	365269	485511	8.59%	0.982%
50	13.249	1992	1995	1998	rVV2	64052	71749	1.27%	0.145%
51	13.292	1998	2002	2004	rVV2	185775	258980	4.58%	0.524%
52	13.329	2004	2008	2017	rVV2	1132247	1736957	30.72%	3.512%
53	13.408	2017	2021	2027	rVV	200803	235360	4.16%	0.476%
54	13.536	2037	2042	2047	rBV2	52167	80526	1.42%	0.163%
55	13.627	2051	2057	2063	rVV2	877606	1447762	25.61%	2.927%
56	13.719	2067	2072	2075	rVV	160600	216074	3.82%	0.437%
57	13.969	2105	2113	2115	rBV3	71612	113195	2.00%	0.229%
58	13.999	2115	2118	2124	rVB2	169584	240152	4.25%	0.486%
59	14.115	2132	2137	2142	rBV	88514	110007	1.95%	0.222%
60	14.255	2155	2160	2165	rBV2	54238	81833	1.45%	0.165%
61	14.359	2173	2177	2182	rBV	60941	72636	1.28%	0.147%
62	14.676	2222	2229	2233	rBV2	51230	69339	1.23%	0.140%

Sum of corrected areas: 49458560

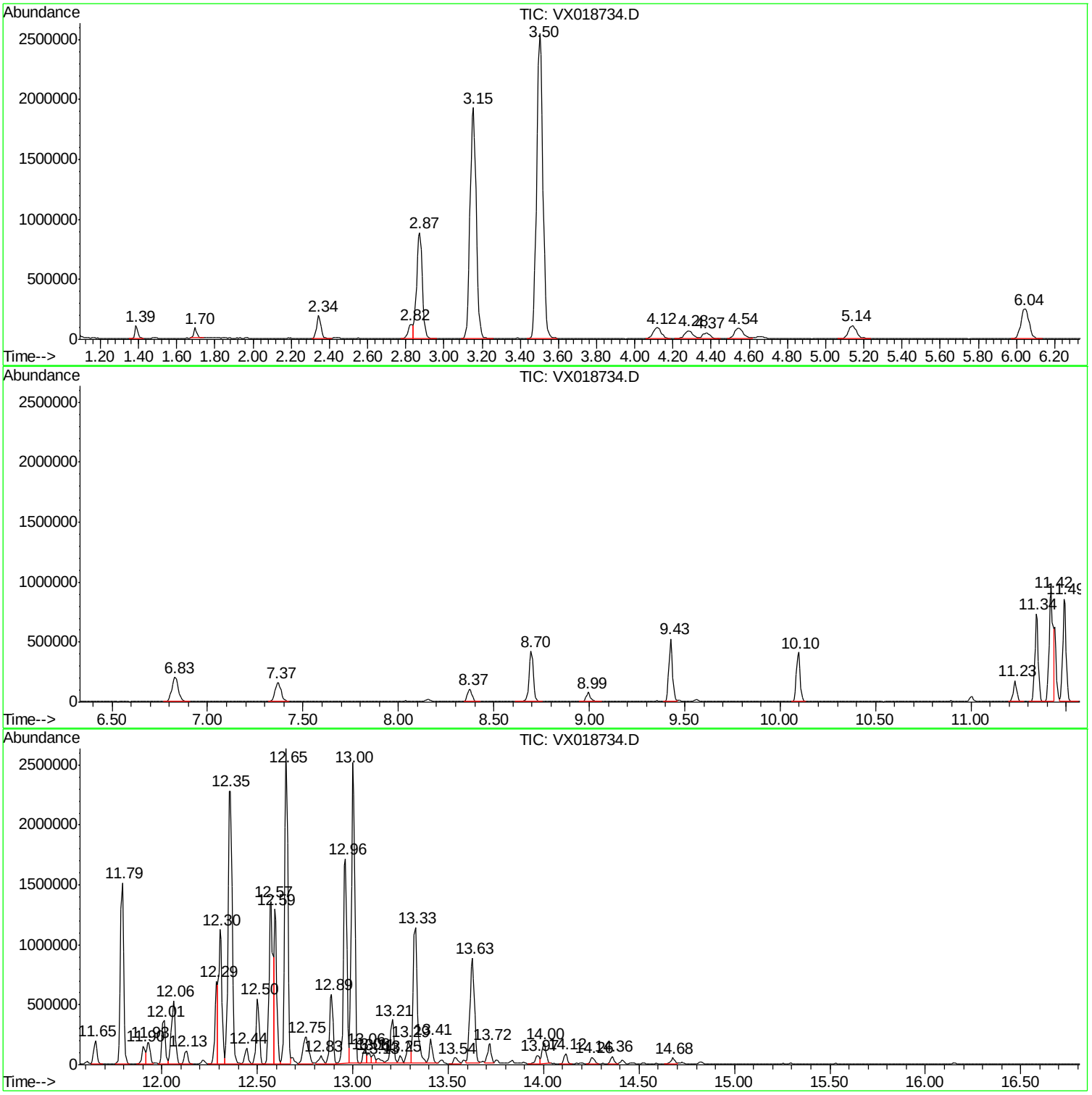
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.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\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

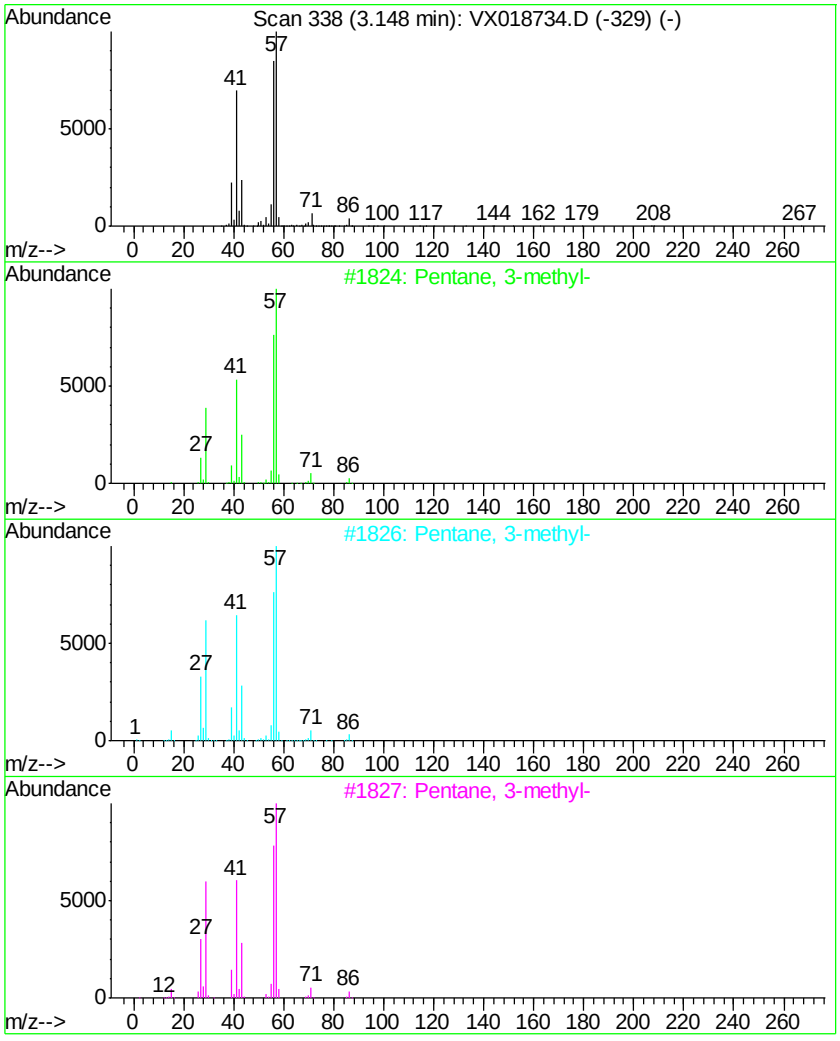
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

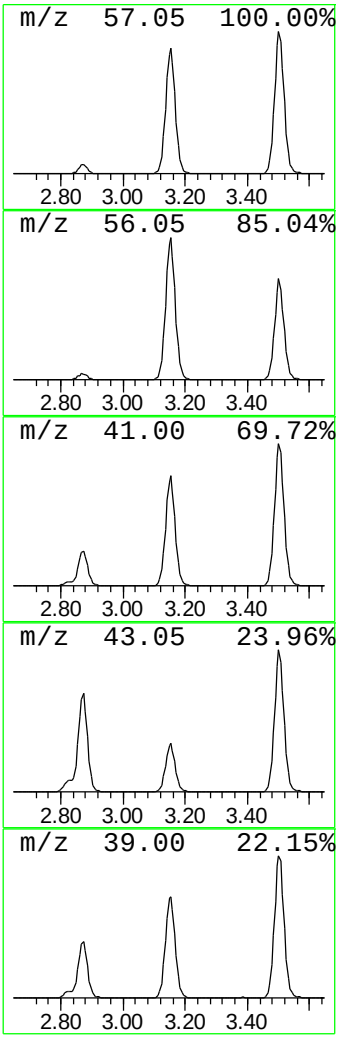
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	44.73 ug/L	4330570	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	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

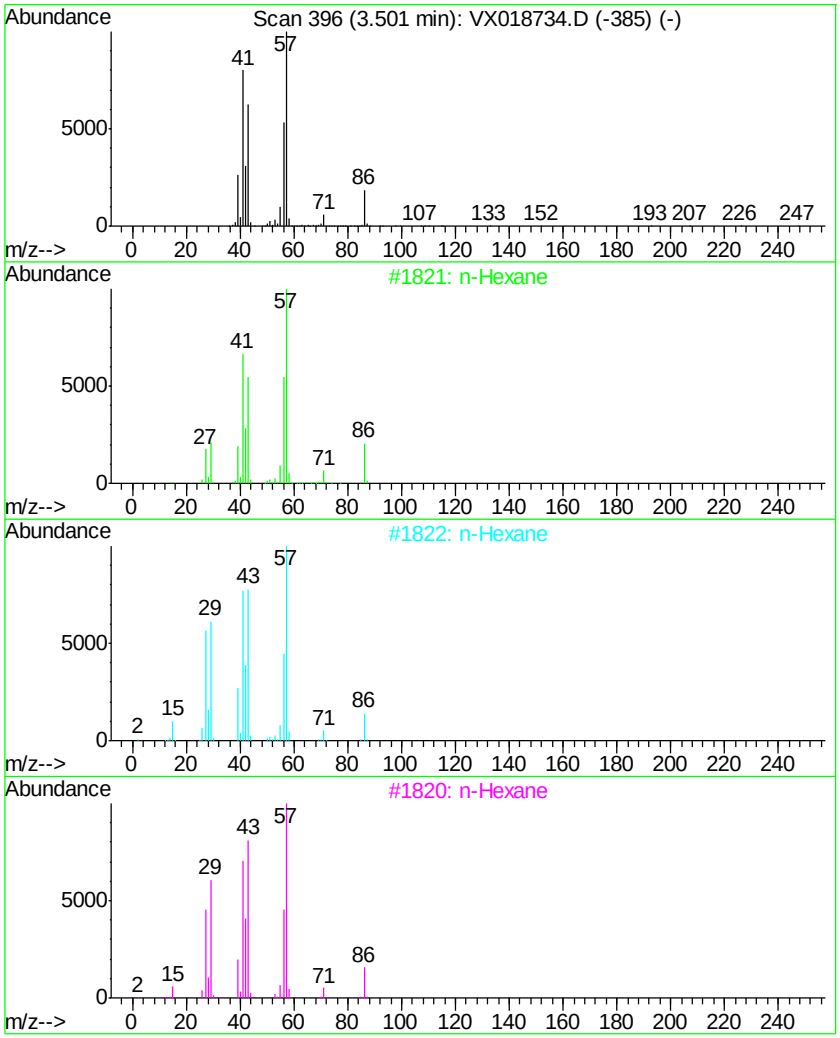
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

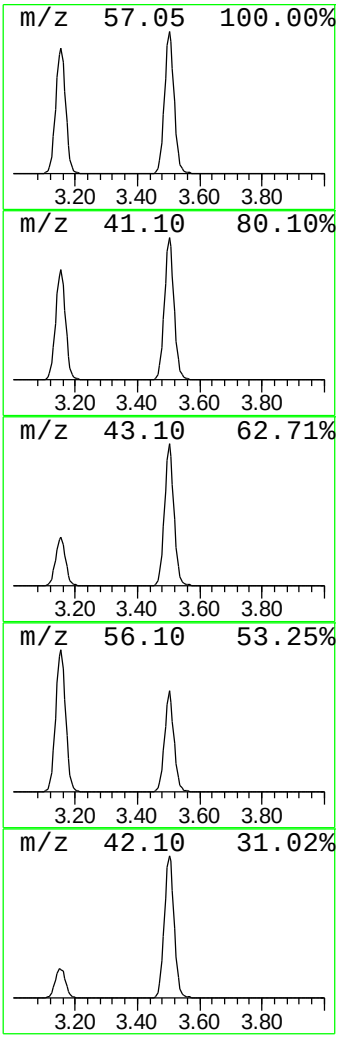
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	58.40 ug/L	5653450	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	72
3	n-Hexane	86	C6H14	000110-54-3	59
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	40
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

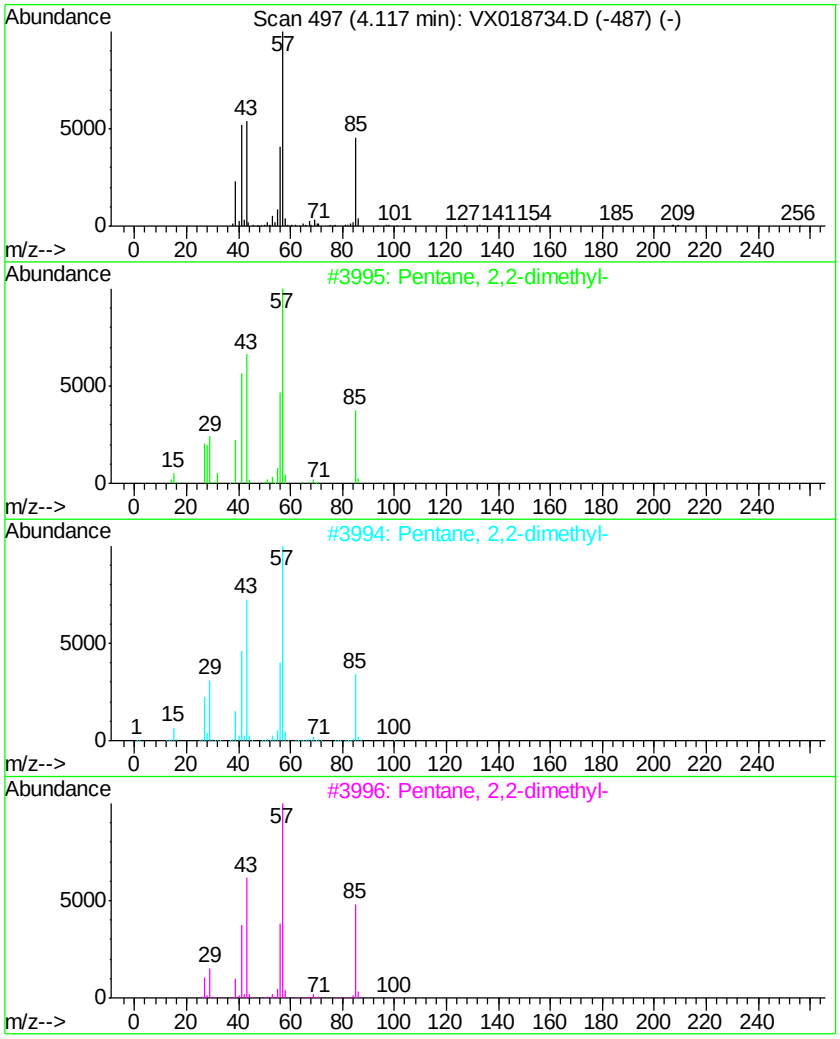
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

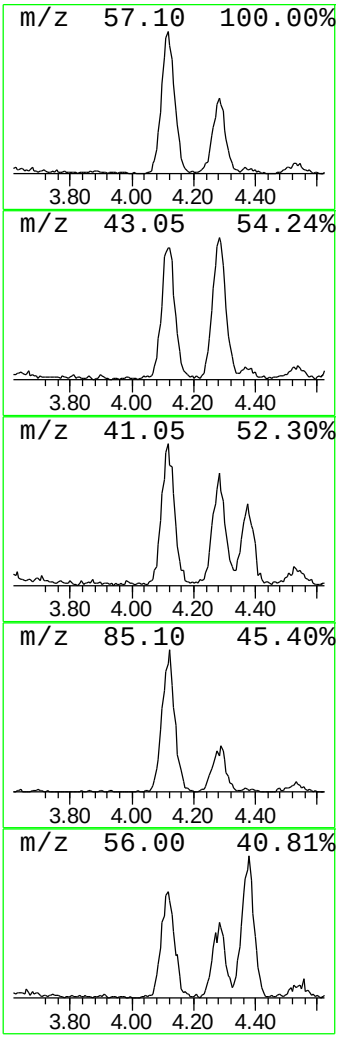
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	2.85 ug/L	275725	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	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

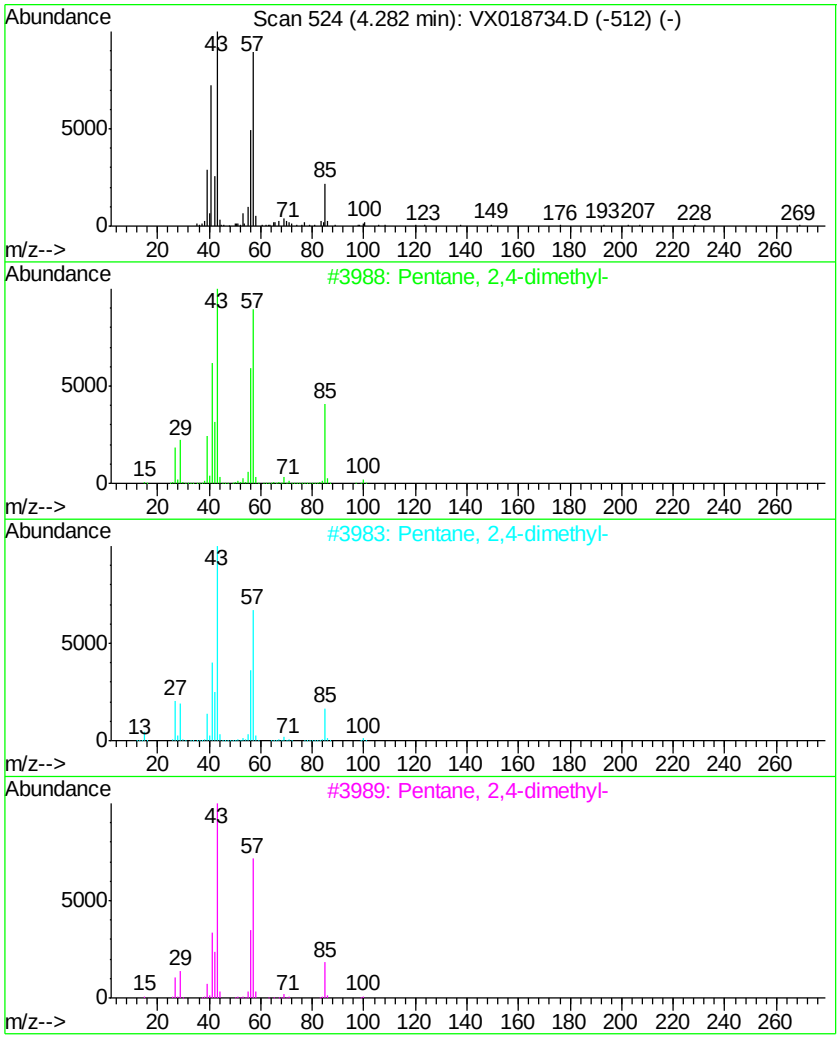
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

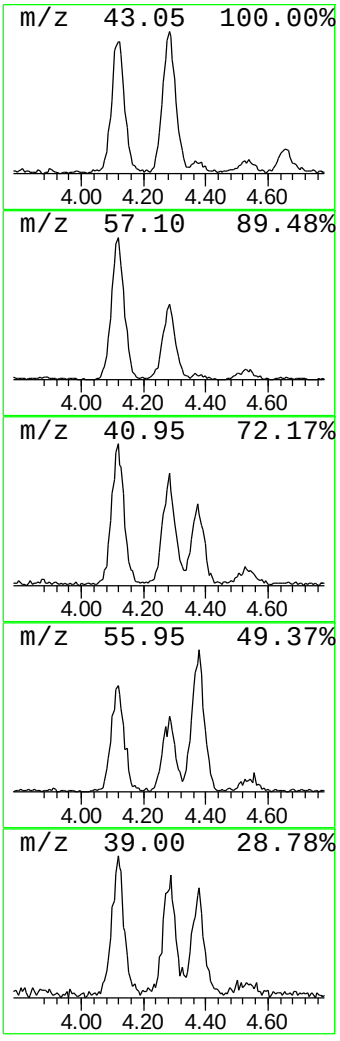
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	2.17 ug/L	209872	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	81
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

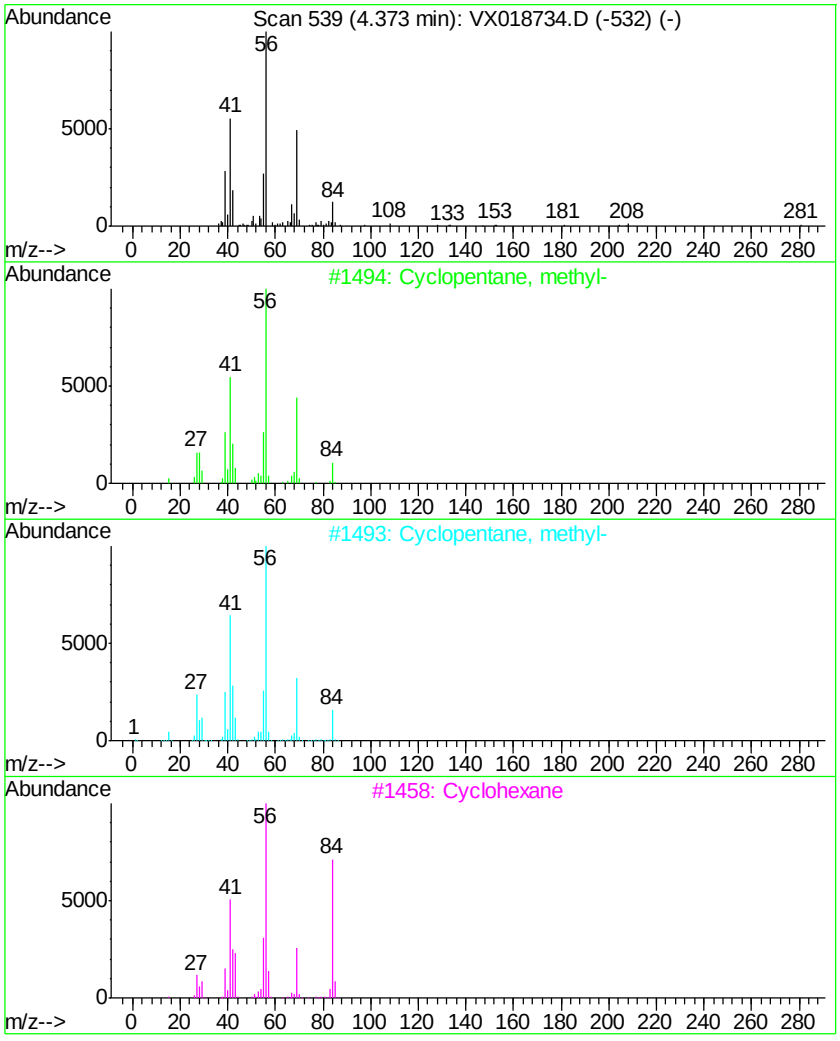
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

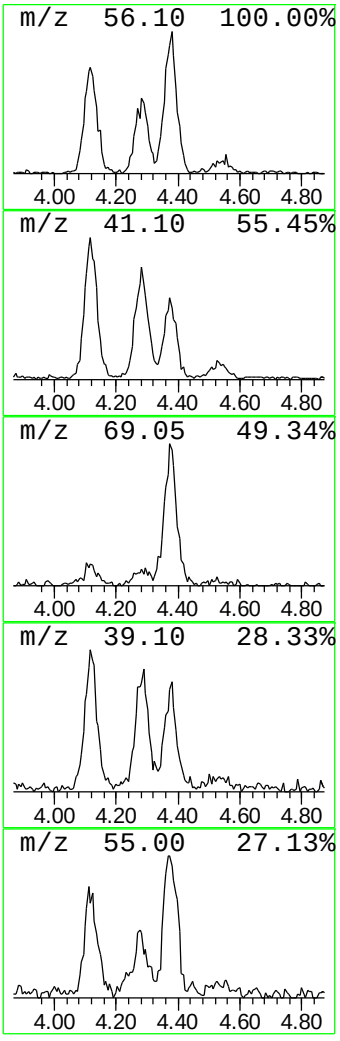
****

Peak Number 5 (DEL) Alkane: Cyclic4.37 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	1.52 ug/L	147073	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	Cyclohexane	84	C6H12	000110-82-7	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

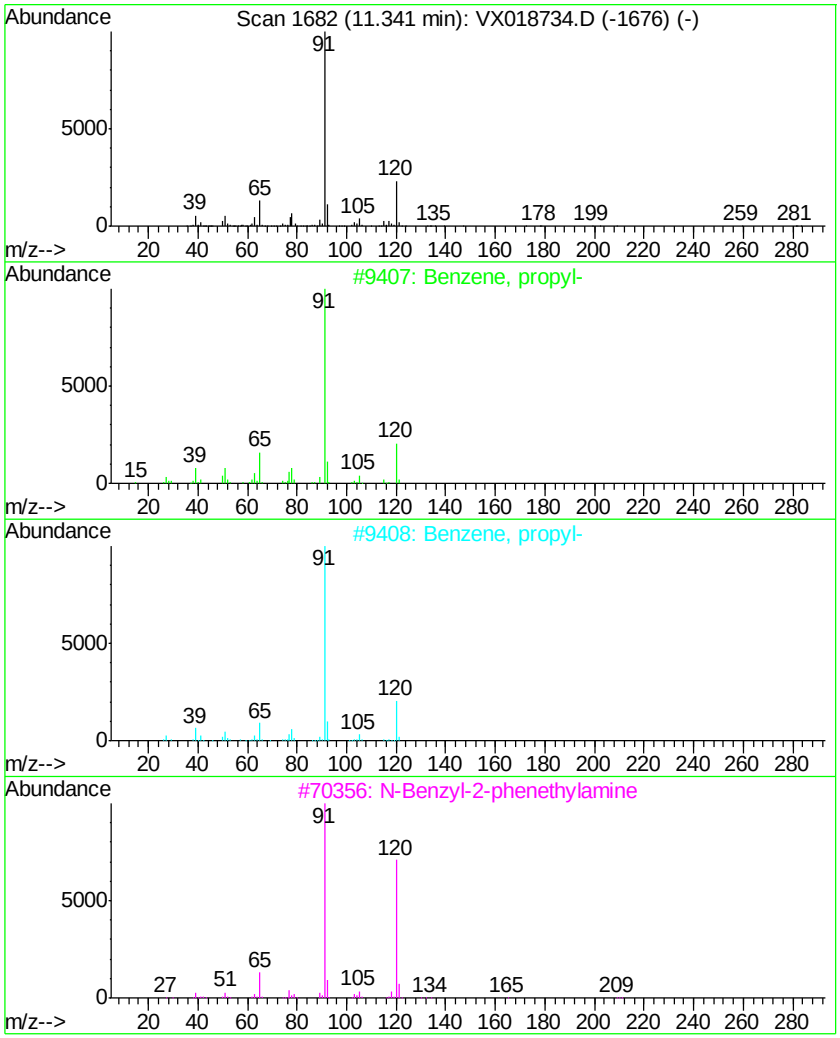
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

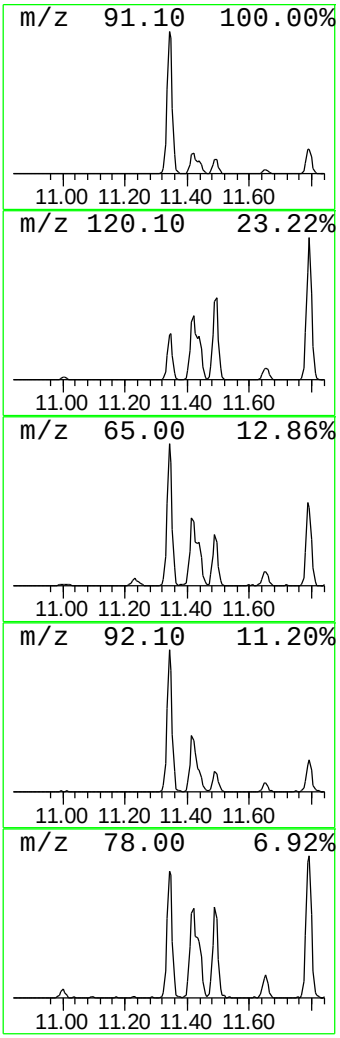
****

Peak Number 7 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	5.99 ug/L	922251	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
4	Benzene, propyl-	120	C9H12	000103-65-1	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

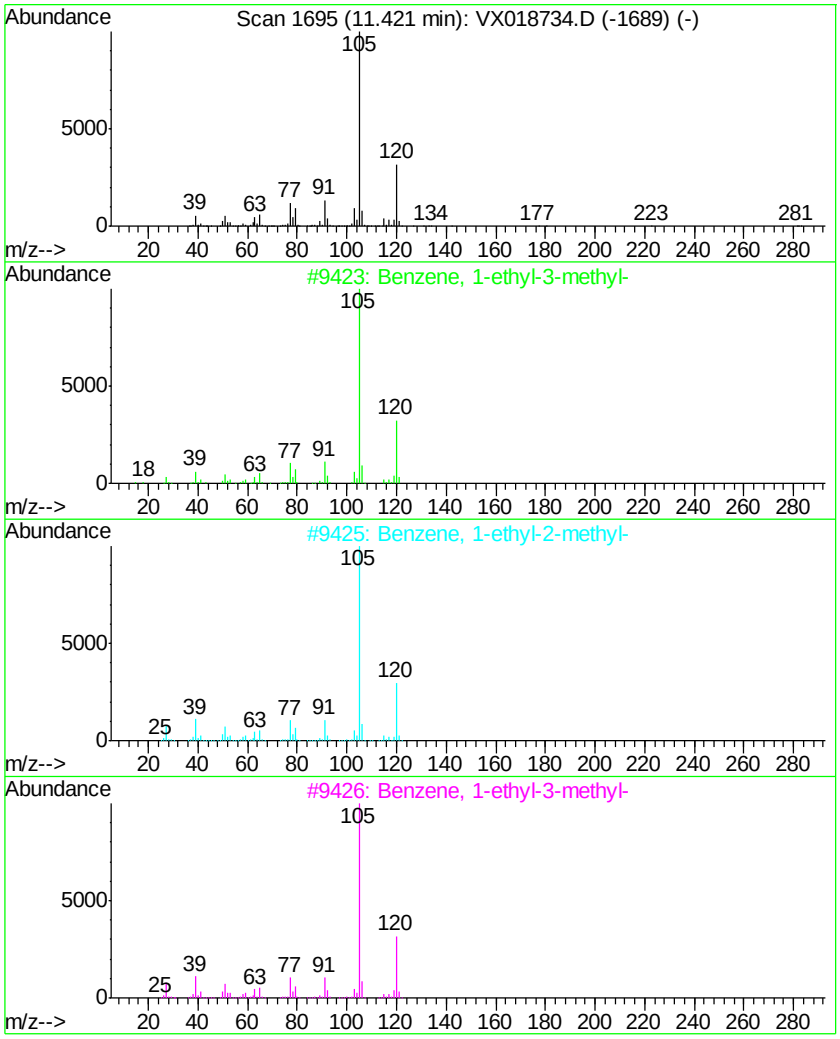
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

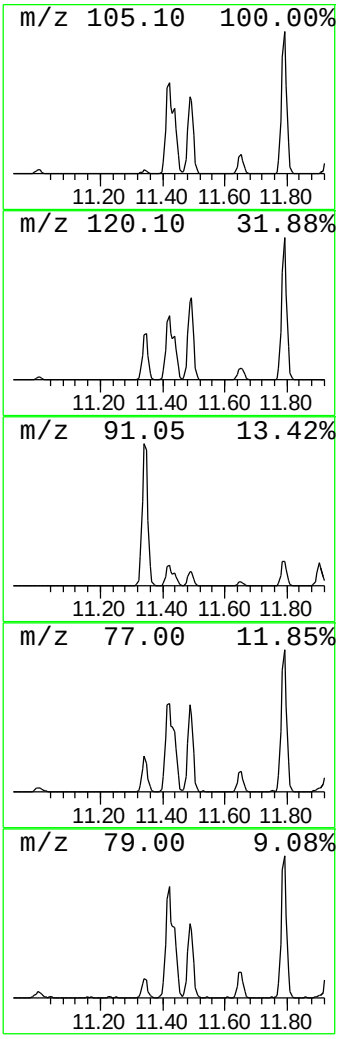
****

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	8.67 ug/L	1334310	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

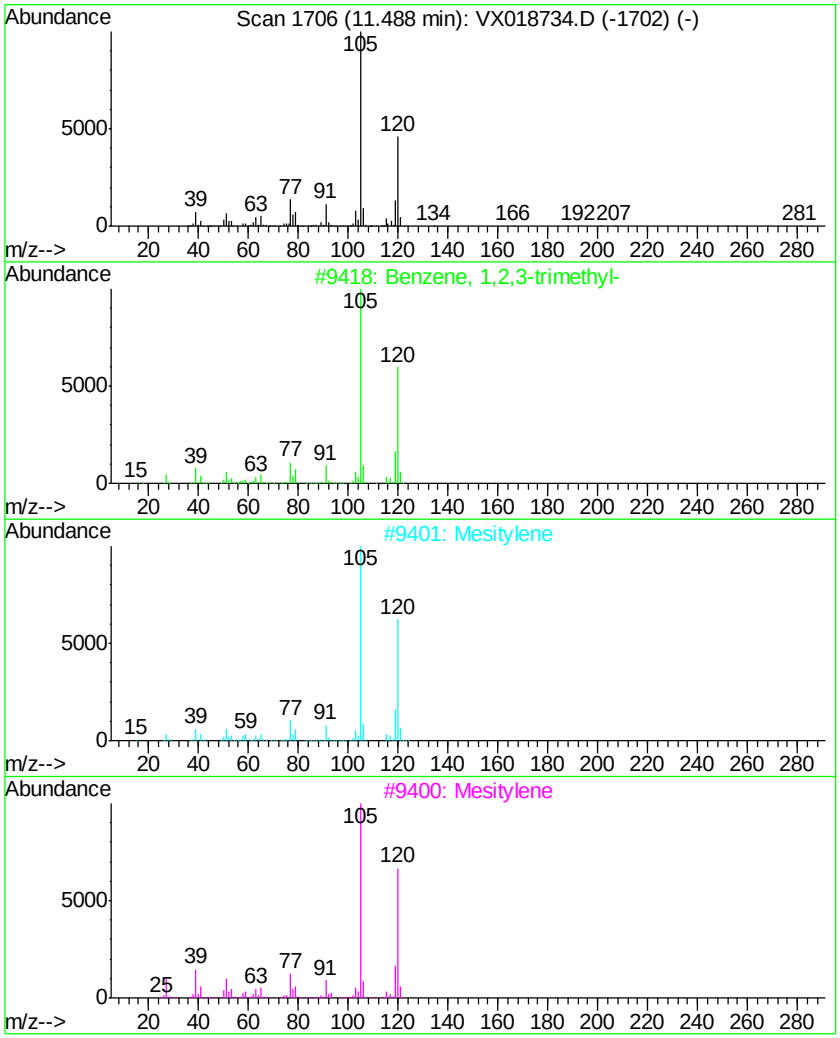
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

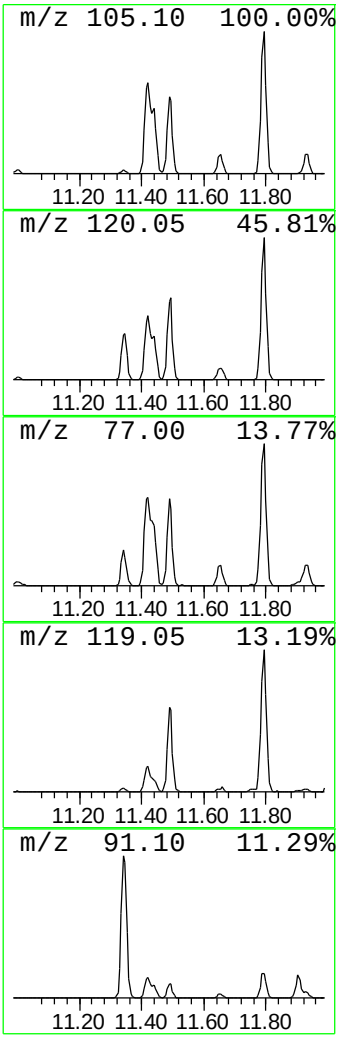
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	7.02 ug/L	1080720	1,4-Dichlorobenzene-d4	12.06

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

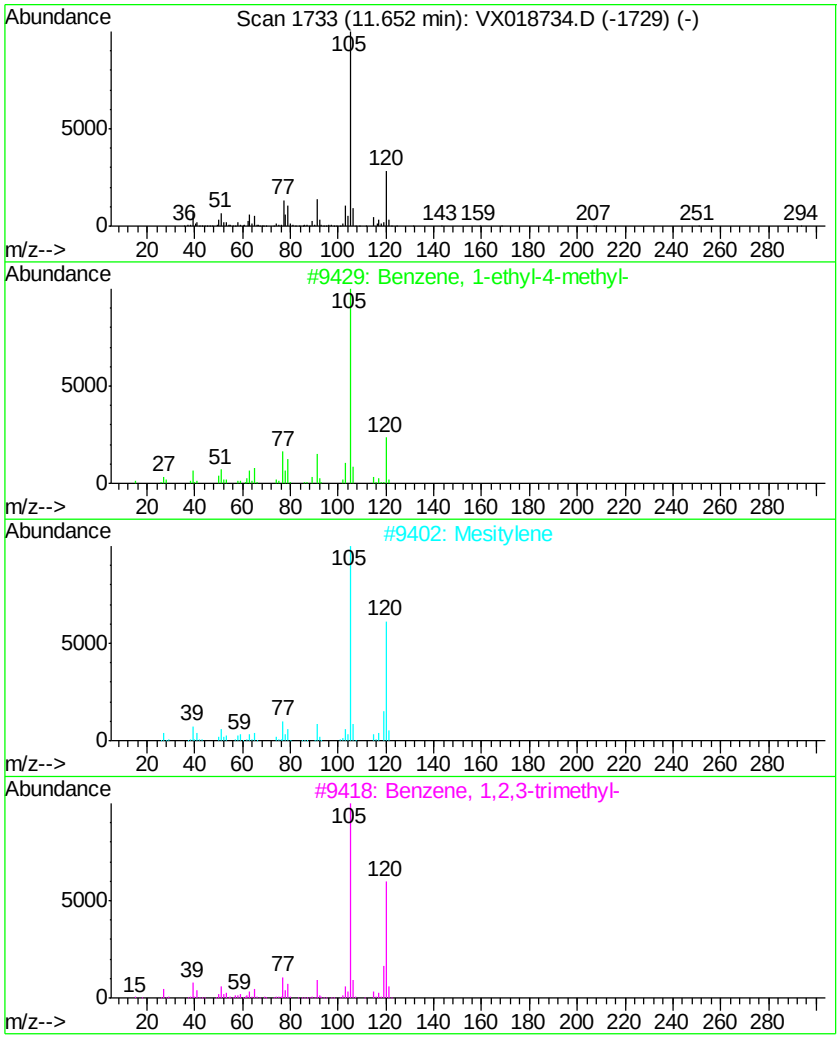
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

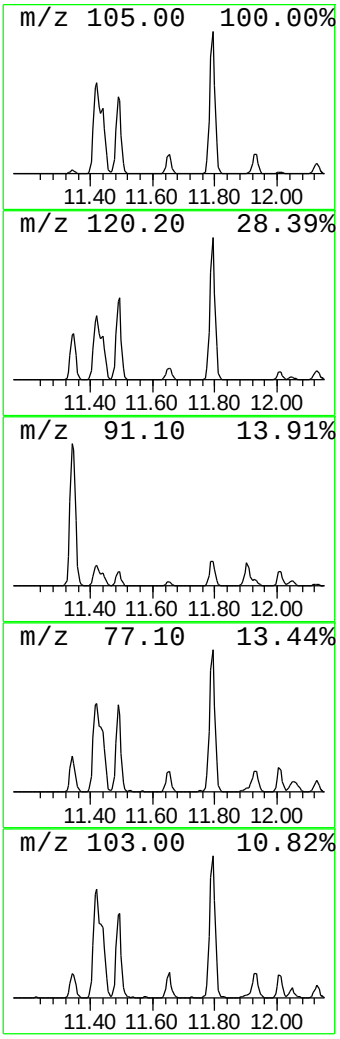
****

Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	1.62 ug/L	249651	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

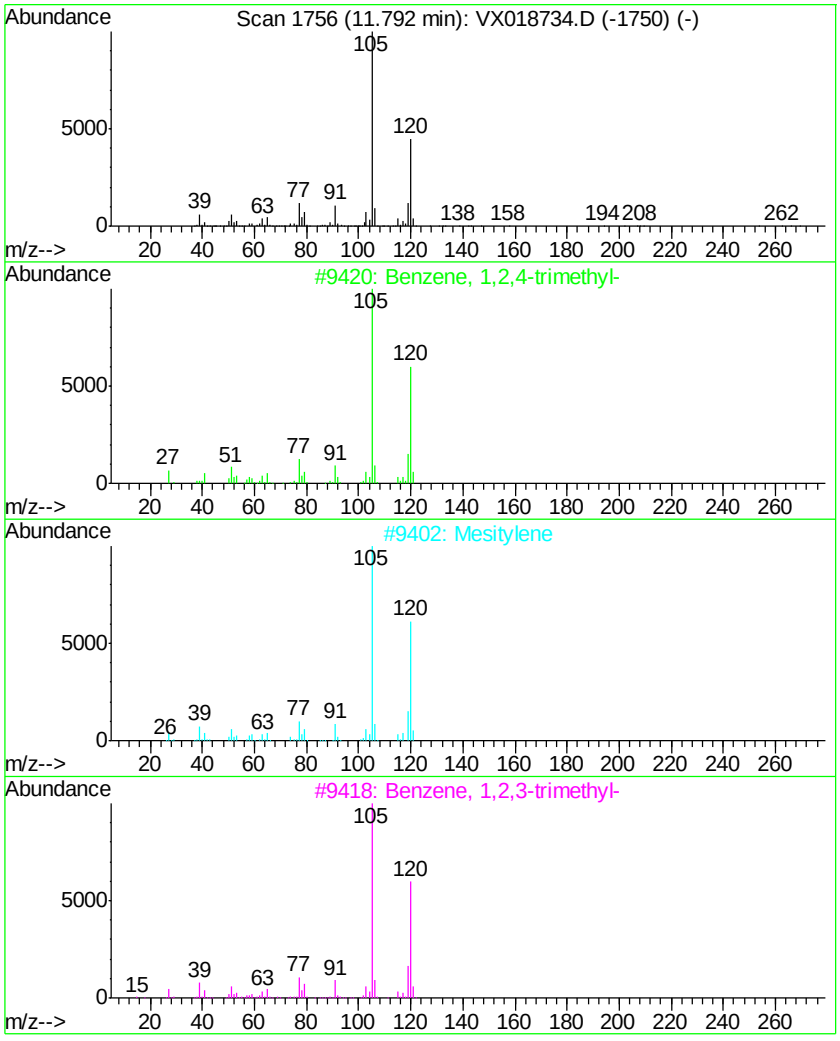
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

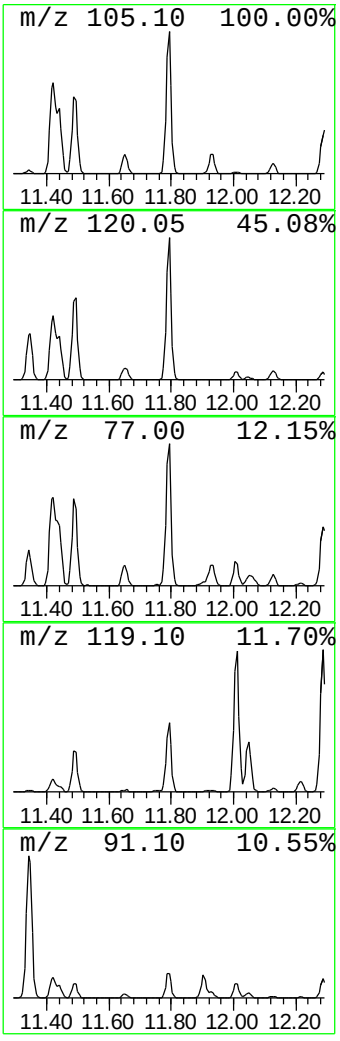
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	11.67 ug/L	1796180	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	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

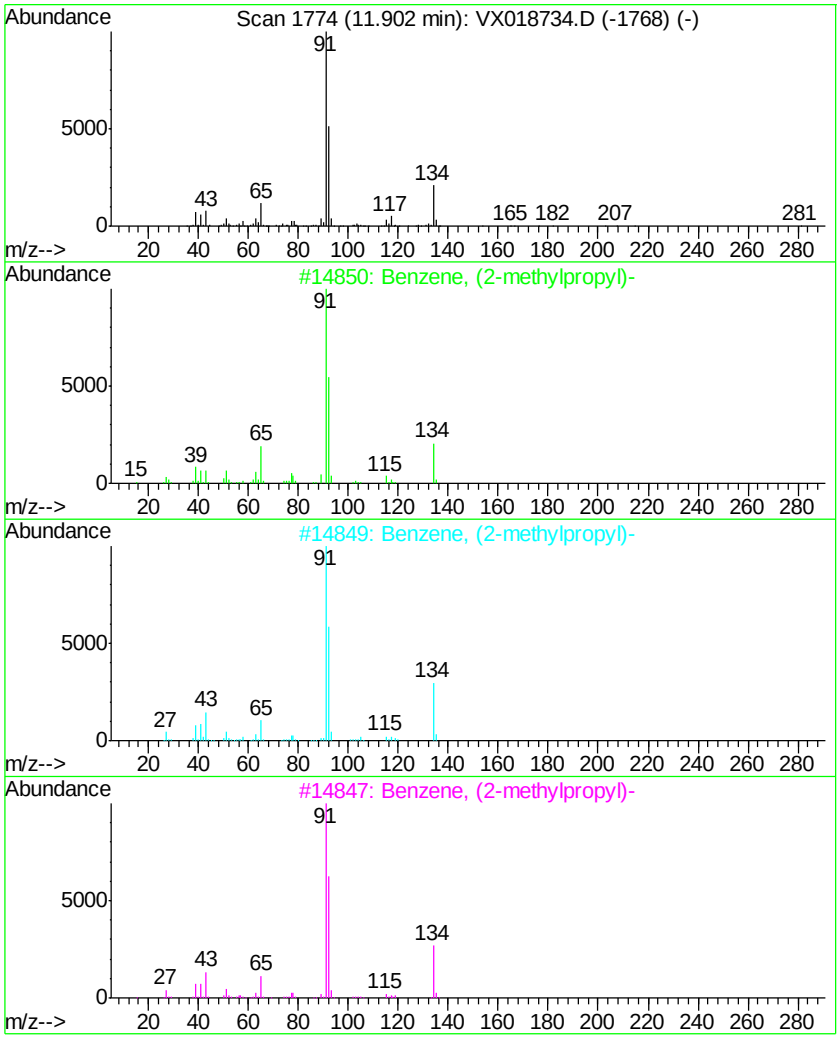
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

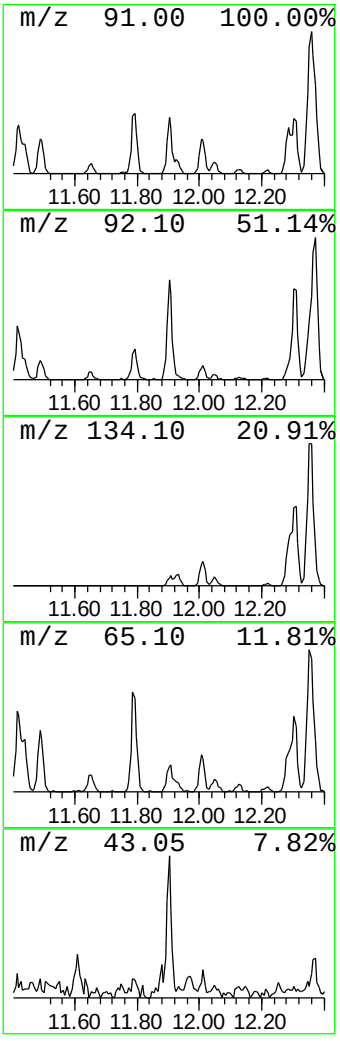
****

Peak Number 12 Benzene, (2-methylpropyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	1.20 ug/L	185091	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83
4	Benzene, butyl-	134	C10H14	000104-51-8	80
5	Benzene, butyl-	134	C10H14	000104-51-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

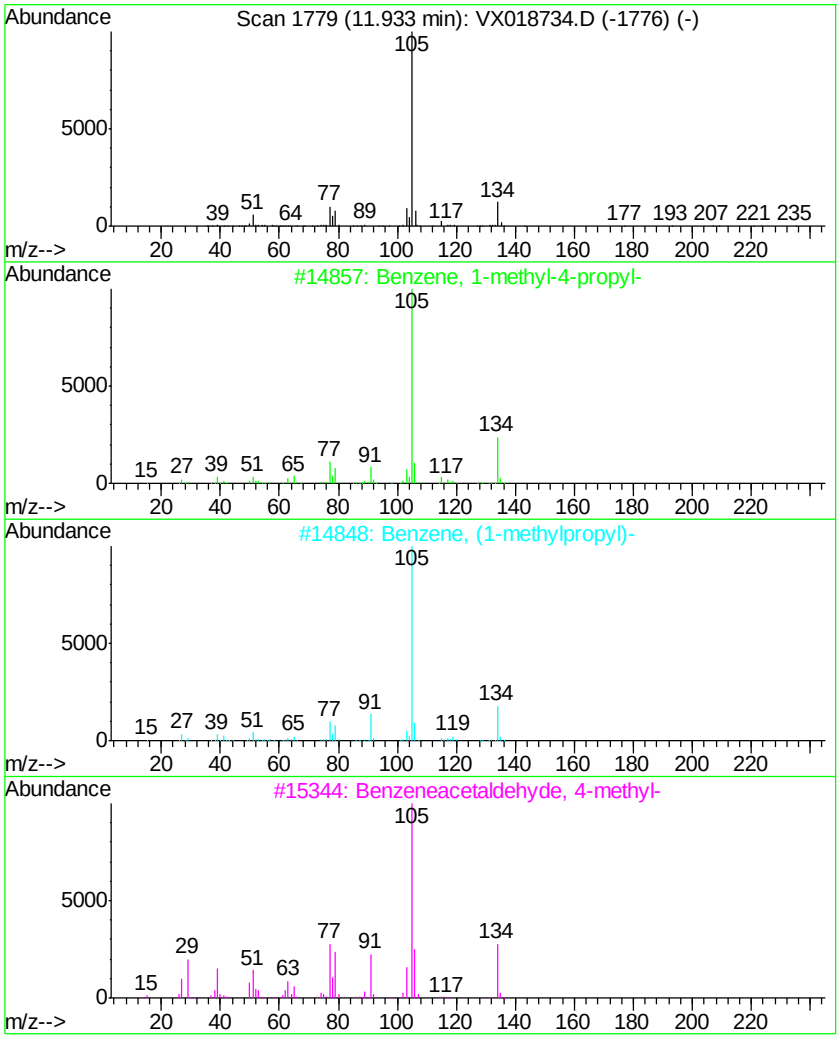
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

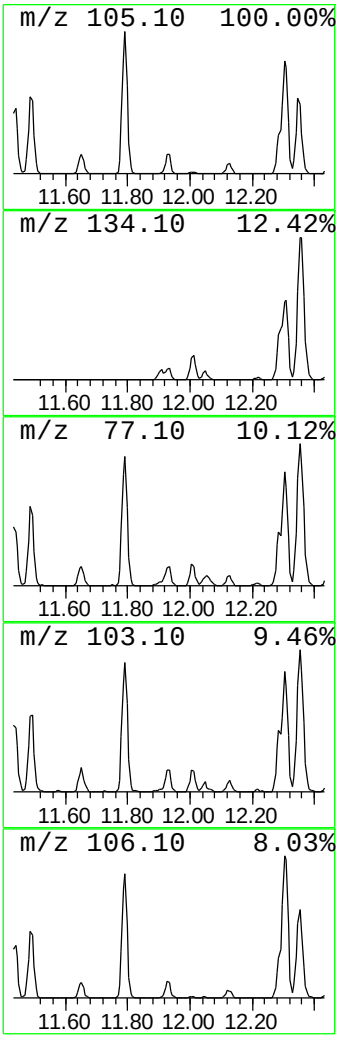
****

Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	1.45 ug/L	222998	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	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
3	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	86
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	78
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

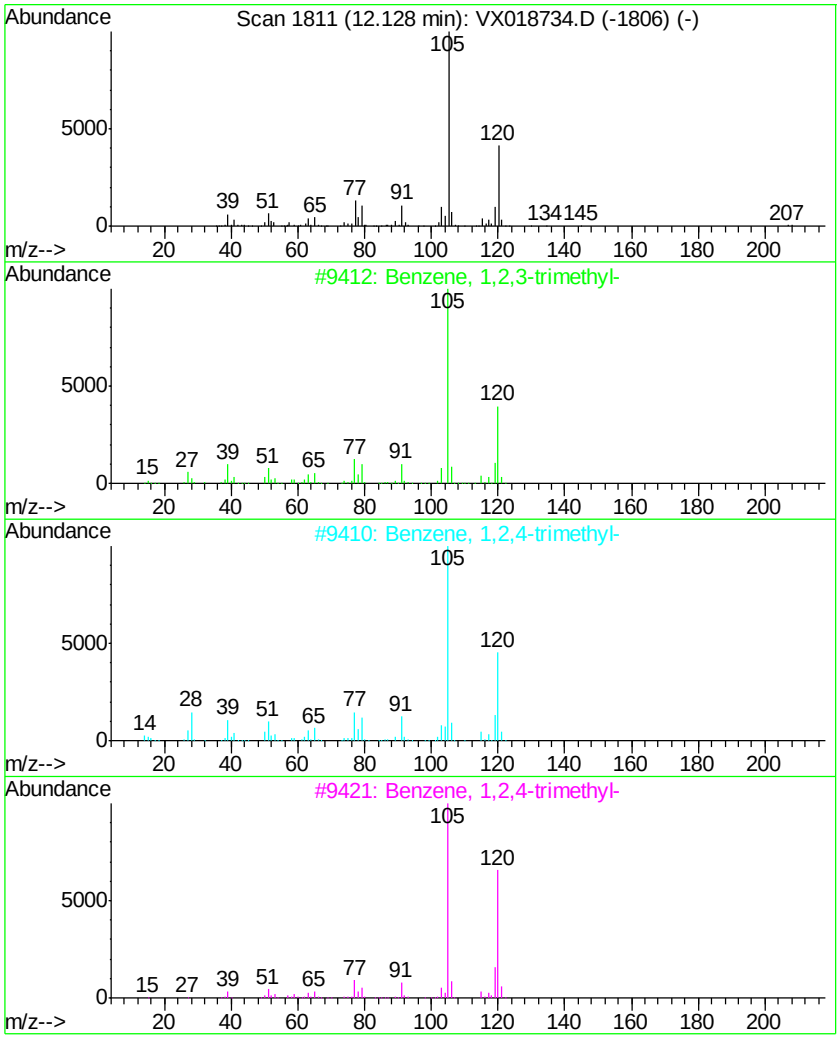
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

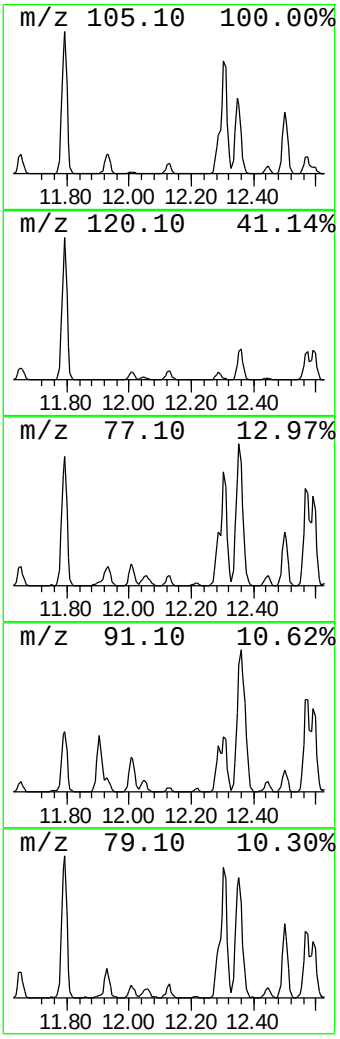
****

Peak Number 14 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	0.91 ug/L	140075	1,4-Dichlorobenzene-d4	12.06

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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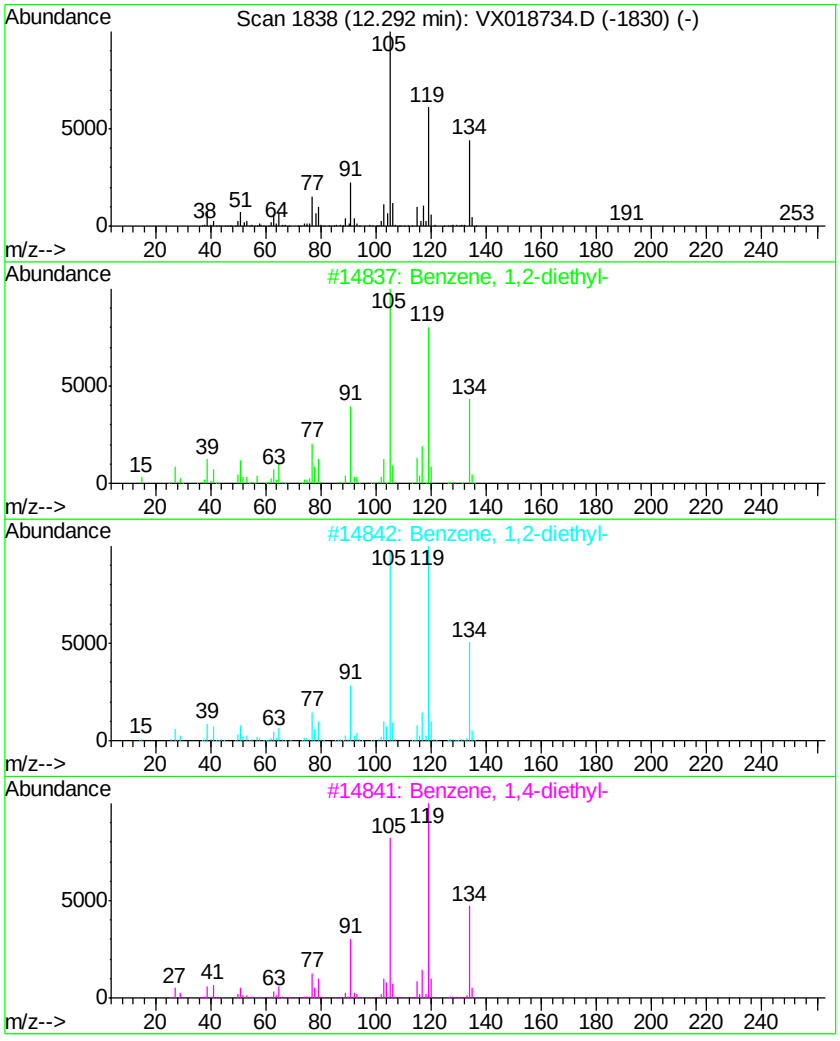
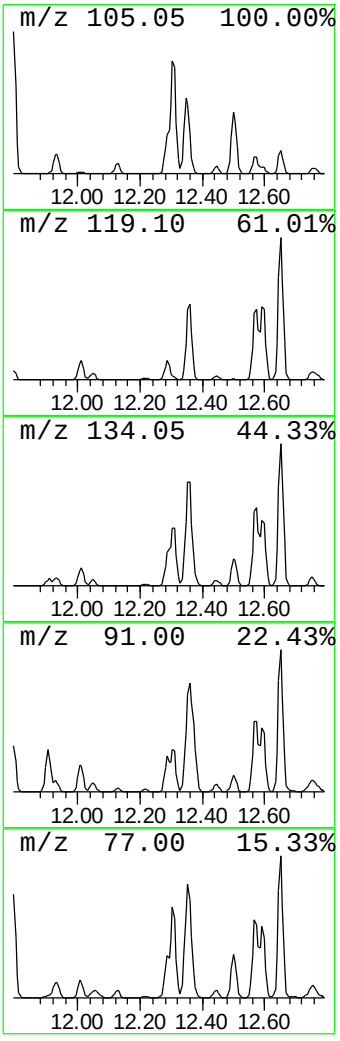
Peak Number 15 Benzene, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.96 ug/L	763786	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	98
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

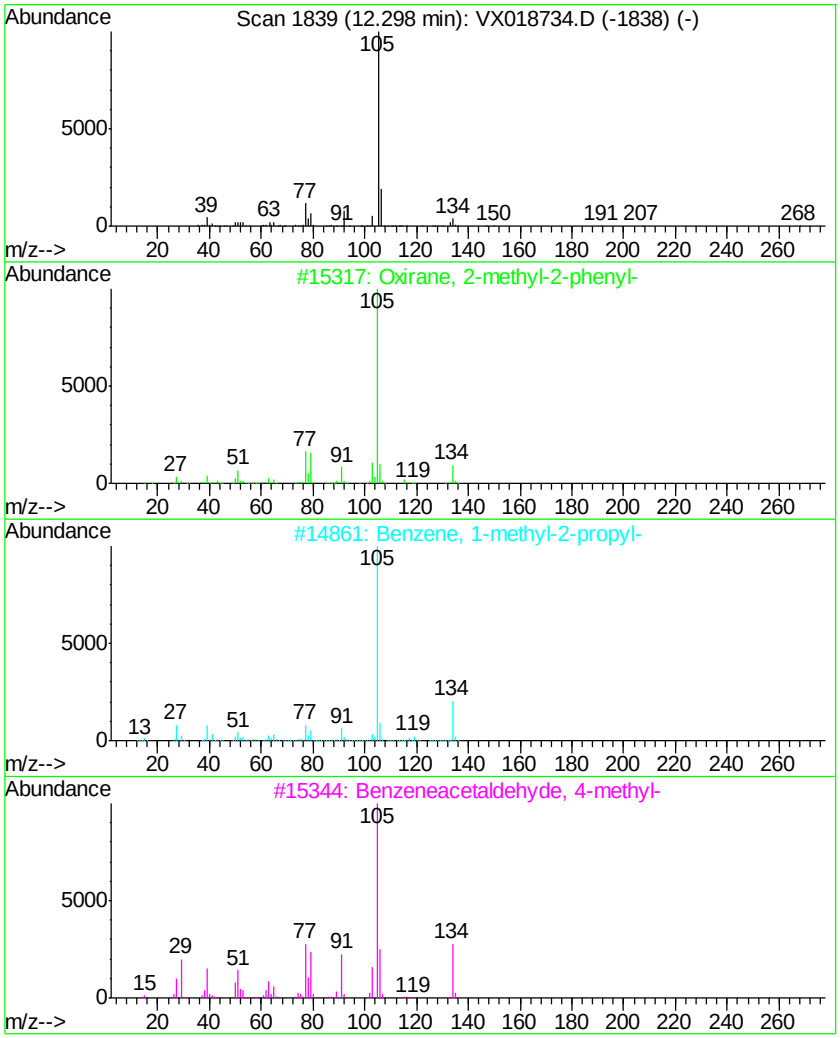
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

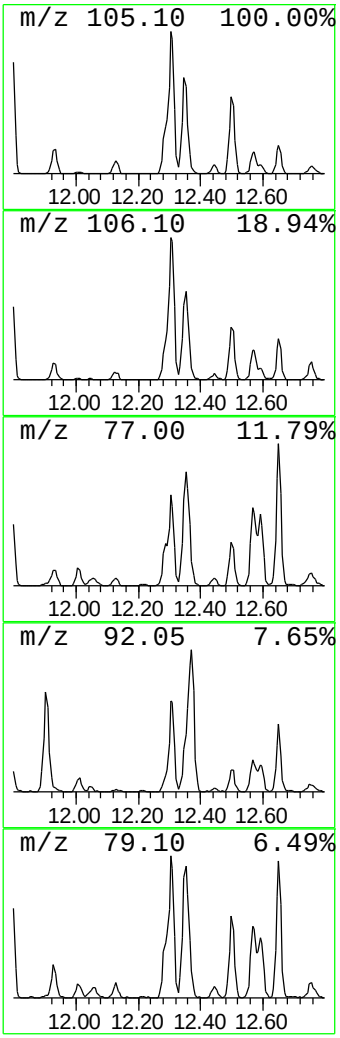
****

Peak Number 16 Oxirane, 2-methyl-2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	8.58 ug/L	1320940	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
3	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	80
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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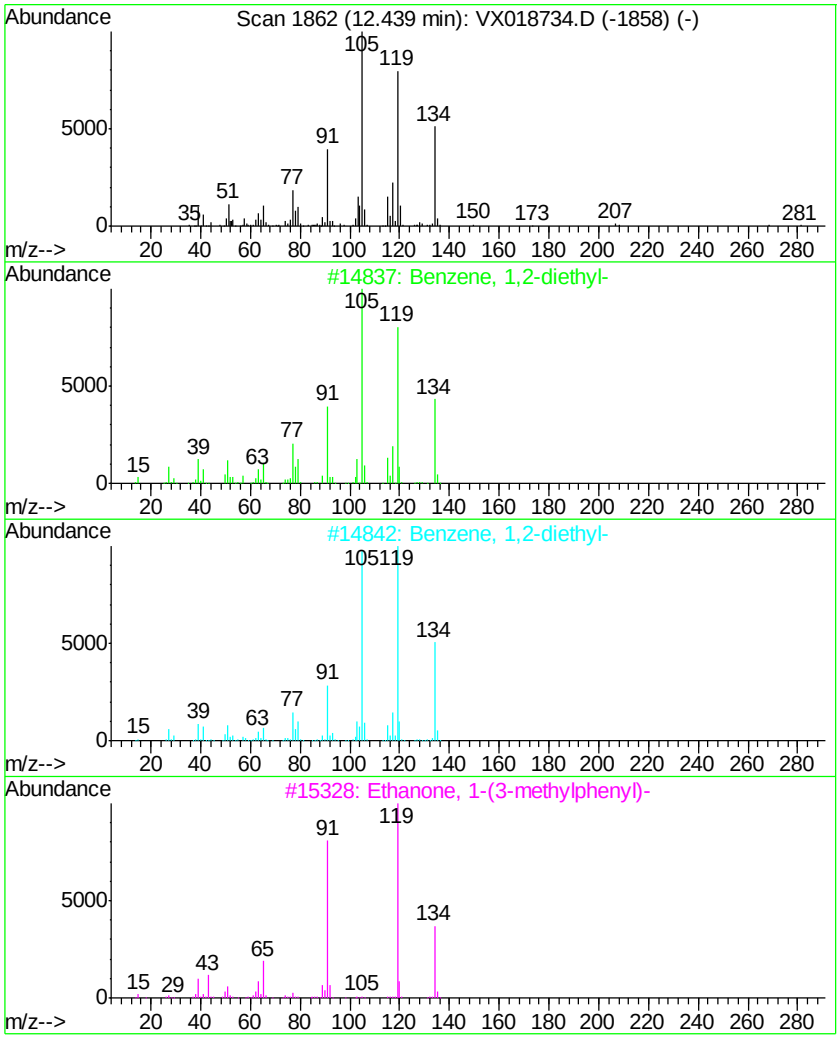
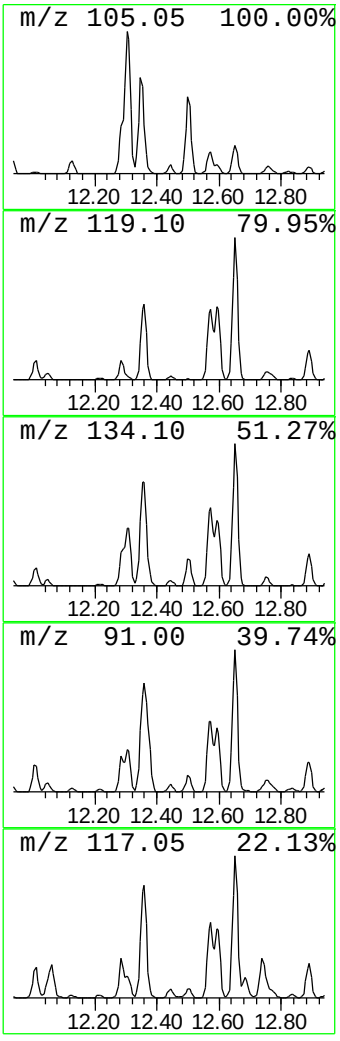
Peak Number 17 Ethanone, 1-(3-methylphenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	1.02 ug/L	156246	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	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
3	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	91
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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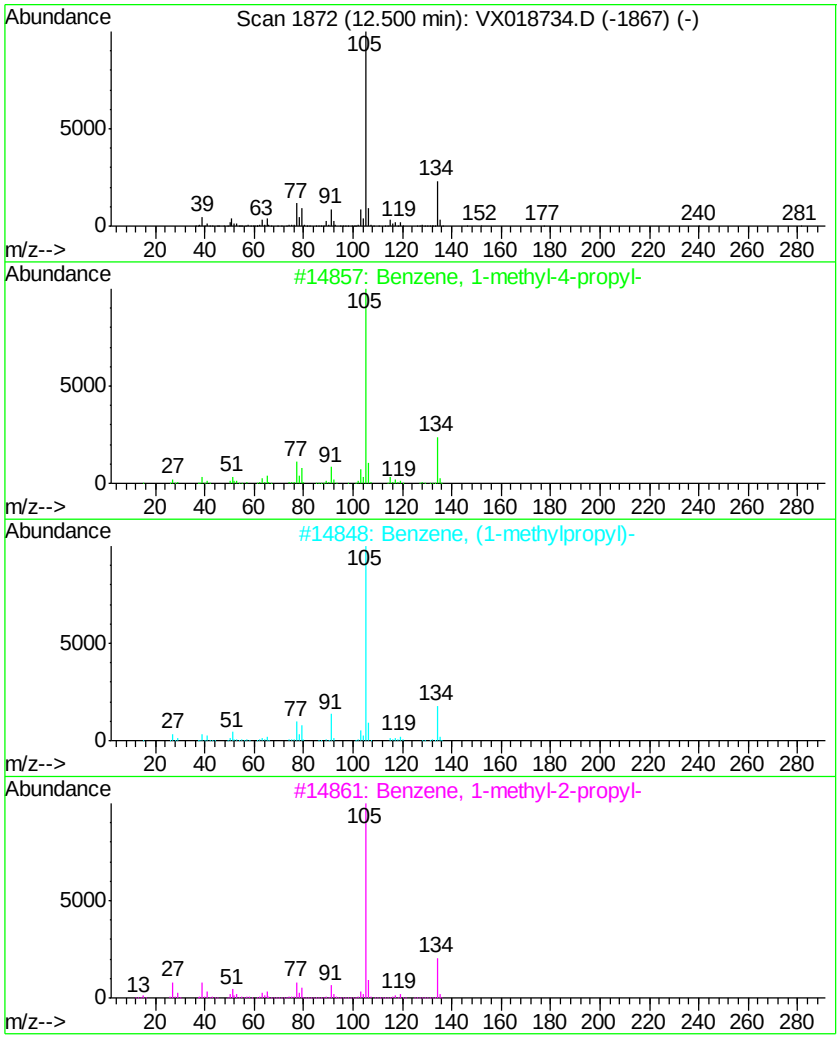
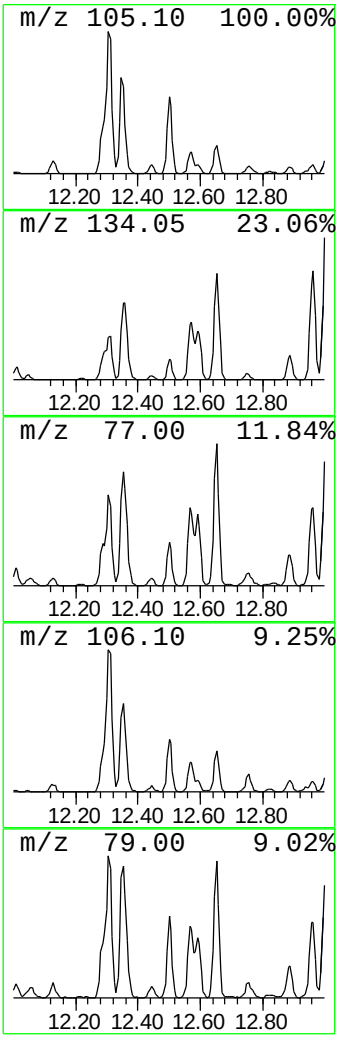
Peak Number 18 Benzene, (1-methylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.19 ug/L	644632	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-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	2-Tolyloxirane	134	C9H10O	002783-26-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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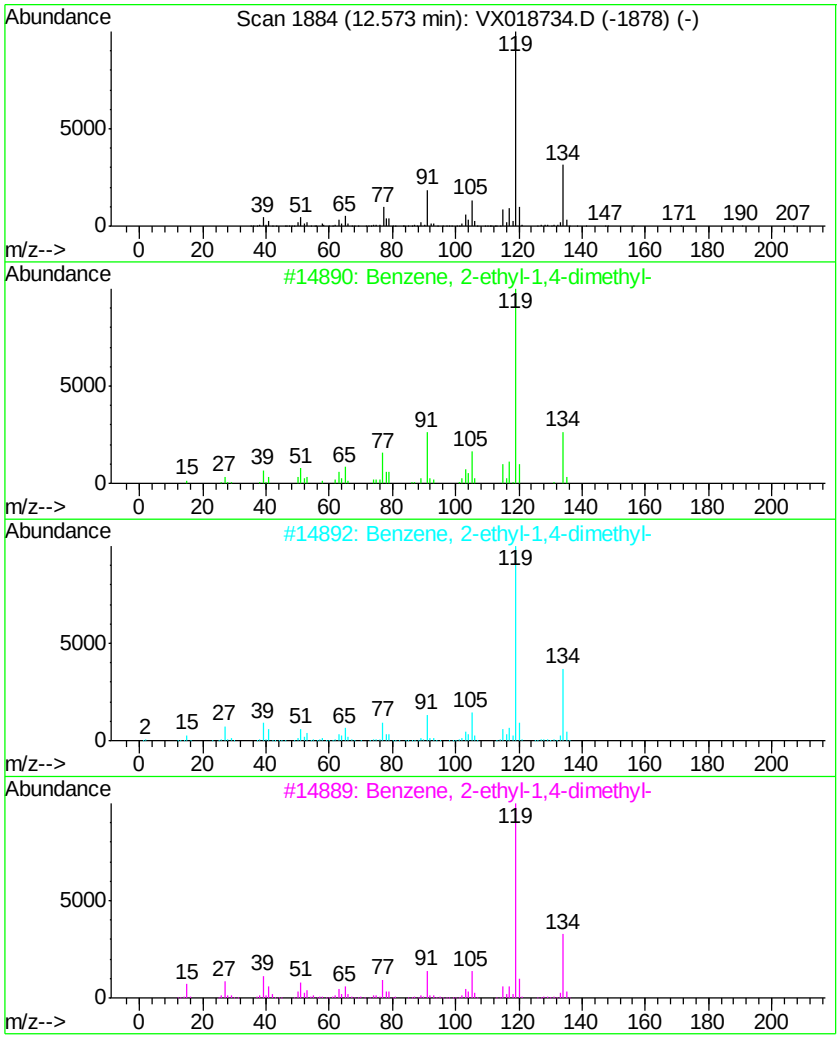
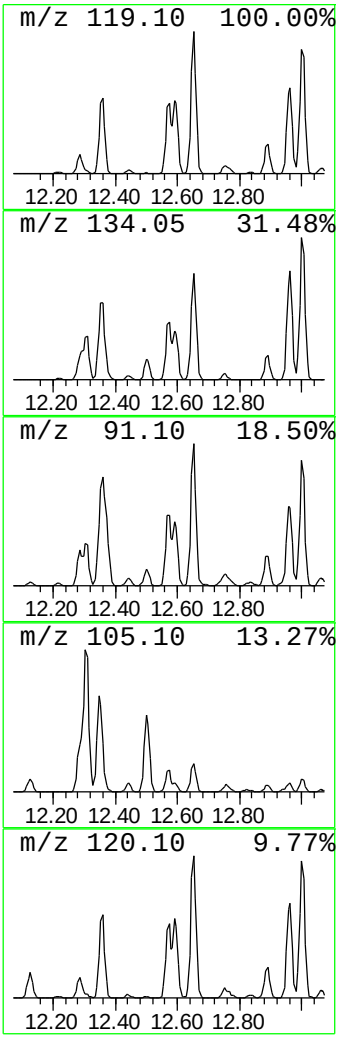
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	12.89 ug/L	1983730	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	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

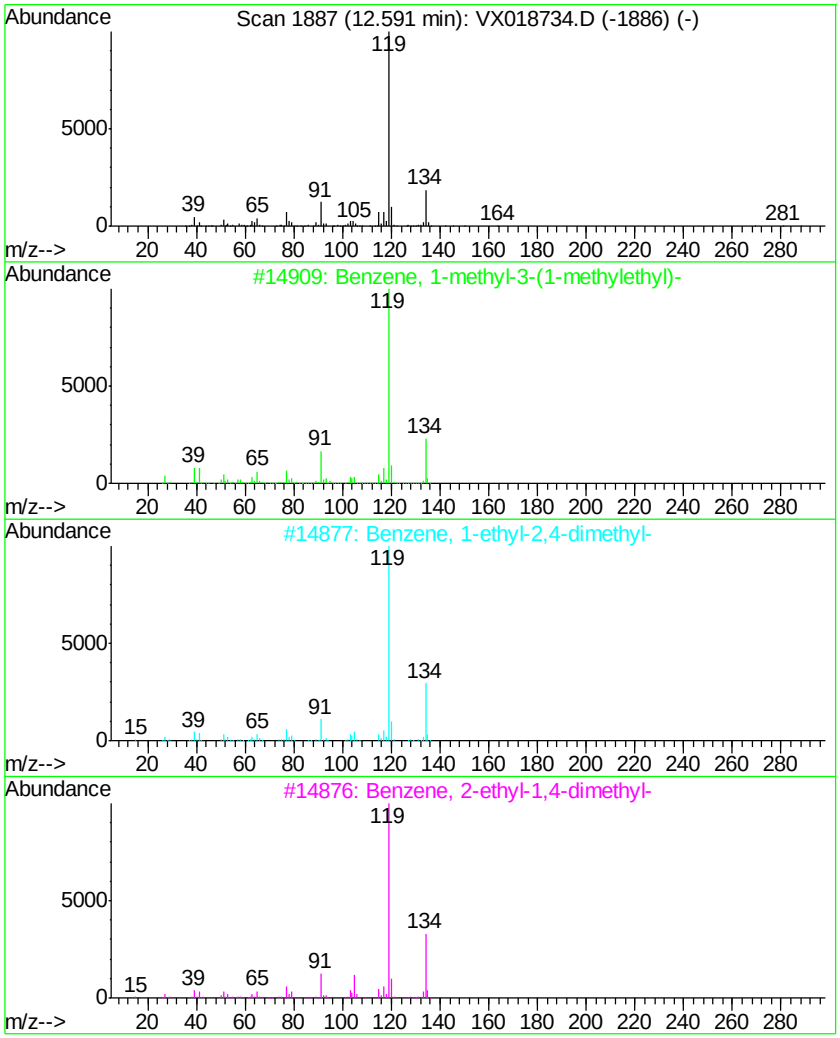
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

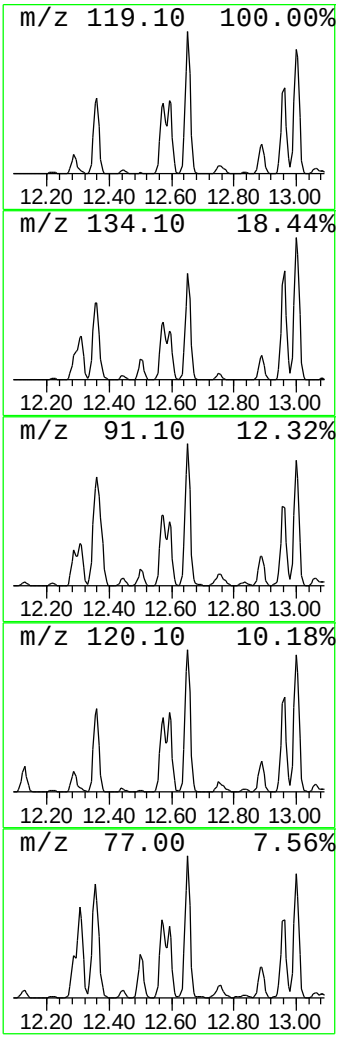
****

Peak Number 20 Benzene, 1-methyl-3-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	7.76 ug/L	1193790	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	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

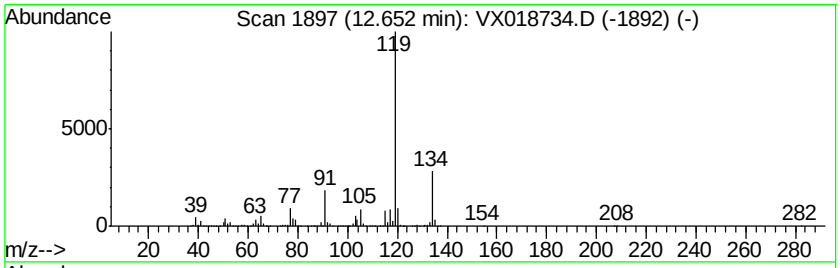
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

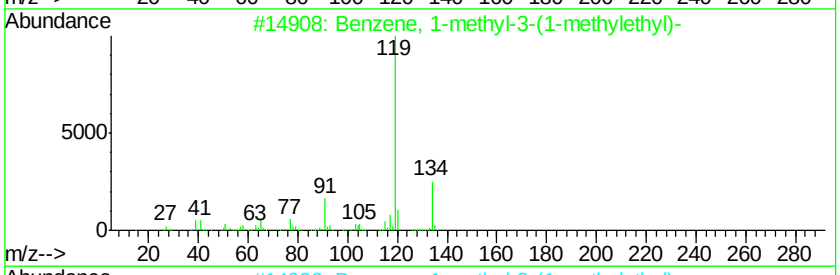
****

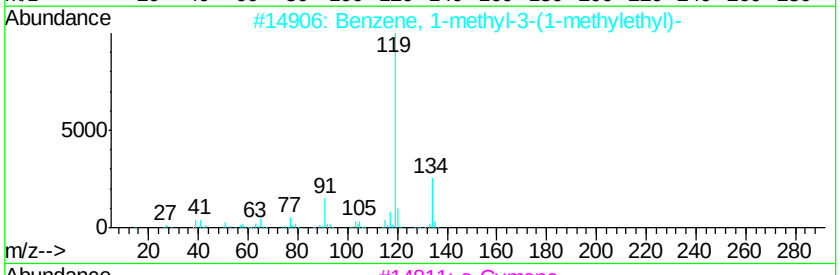
Peak Number 21 o-Cymene Concentration Rank 3

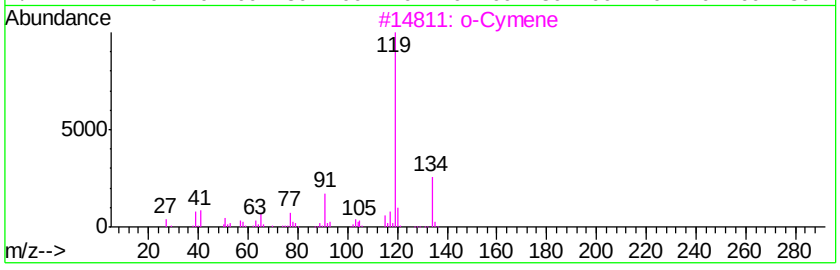
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	19.54 ug/L	3007610	1,4-Dichlorobenzene-d4	12.06

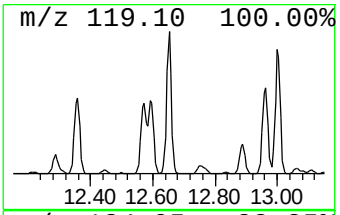
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	p-Cymene	134	C10H14	000099-87-6	97
5	o-Cymene	134	C10H14	000527-84-4	97

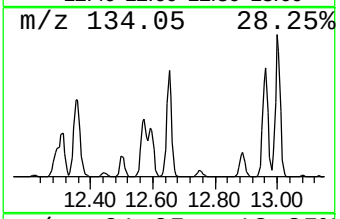


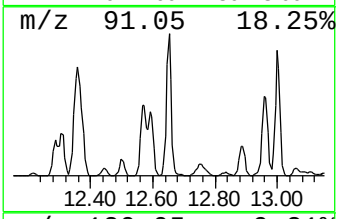


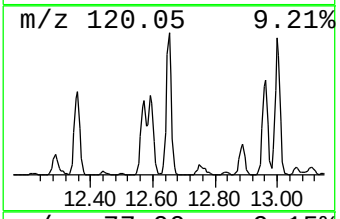


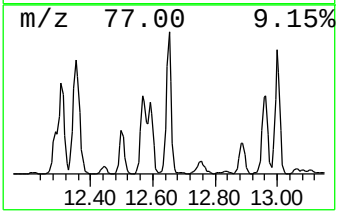












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

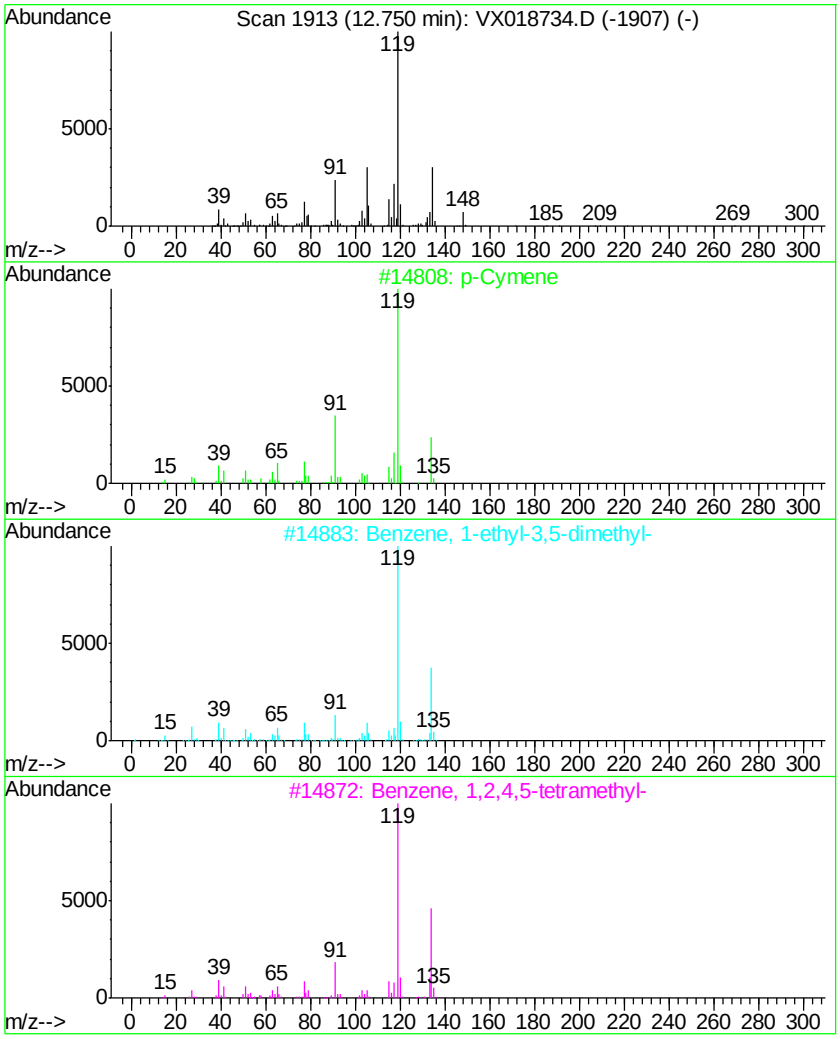
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

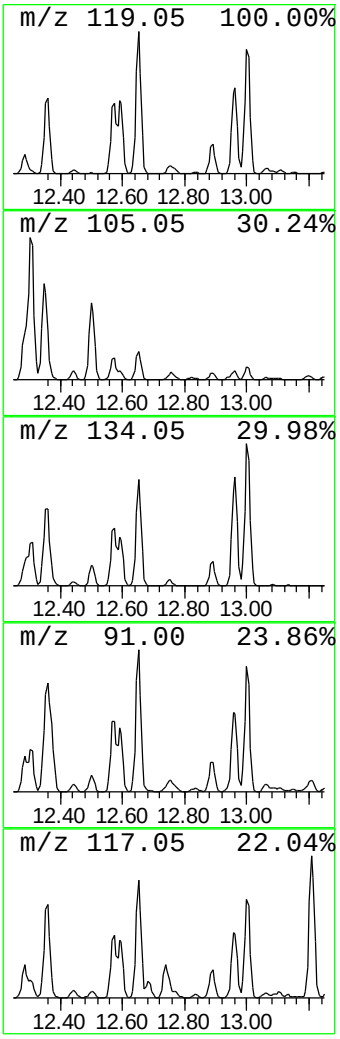
****

Peak Number 22 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.86 ug/L	440054	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	76
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	74
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

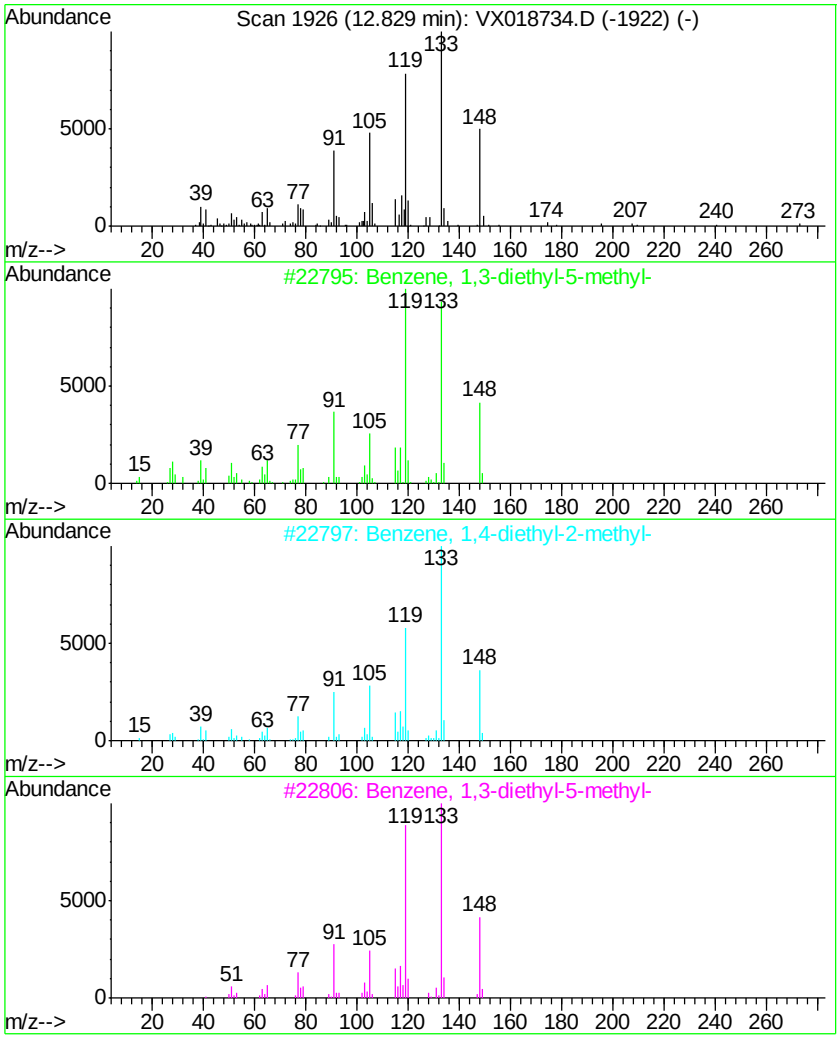
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

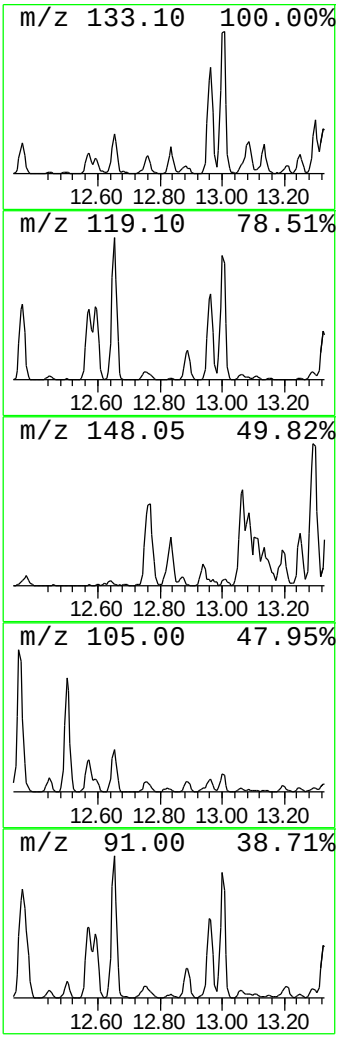
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	0.59 ug/L	91105	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	94
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	89





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

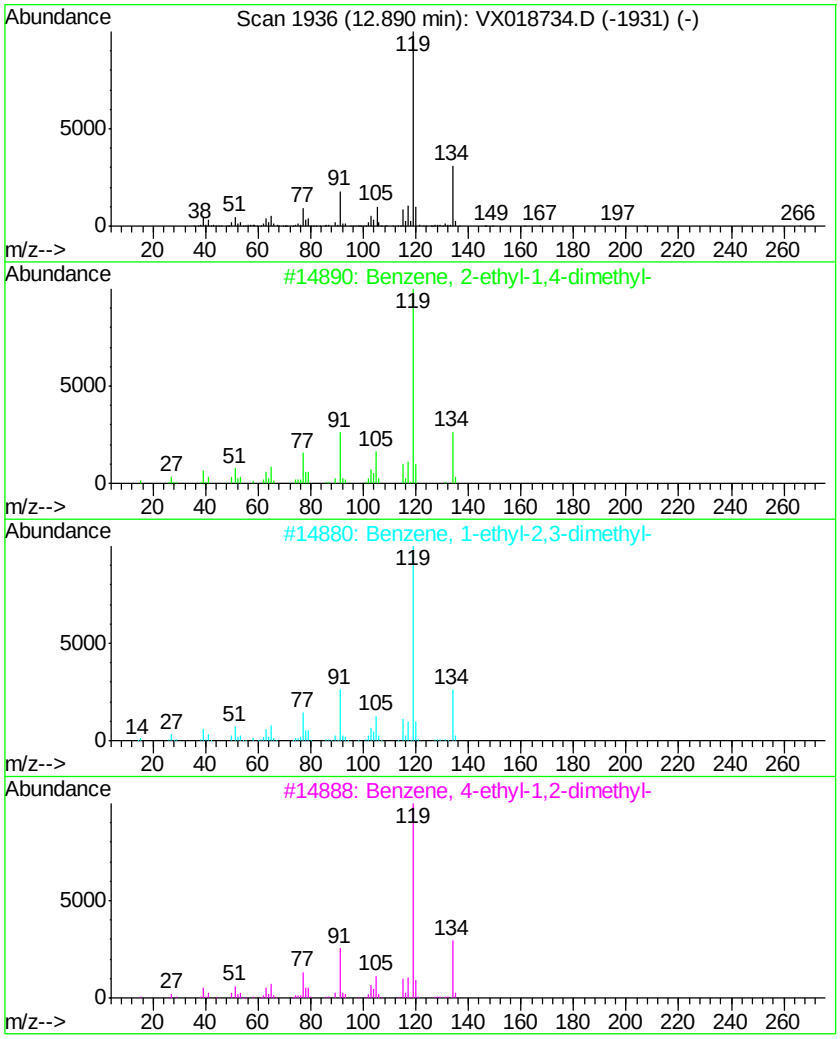
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

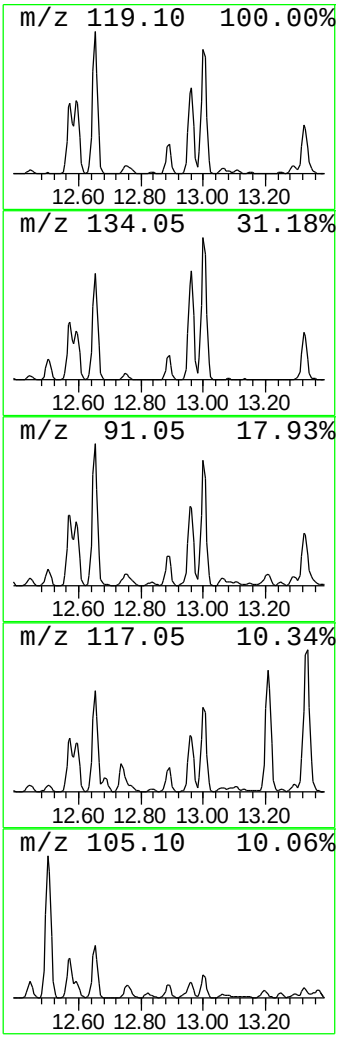
****

Peak Number 24 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	4.68 ug/L	719944	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	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

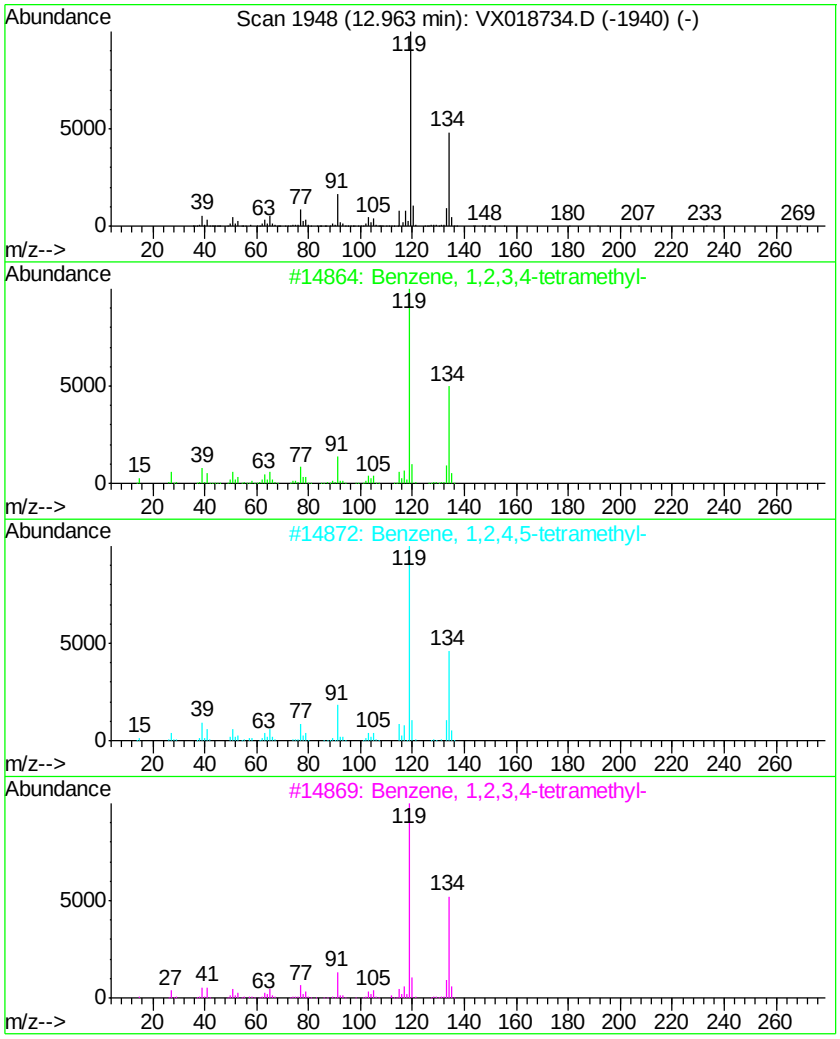
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

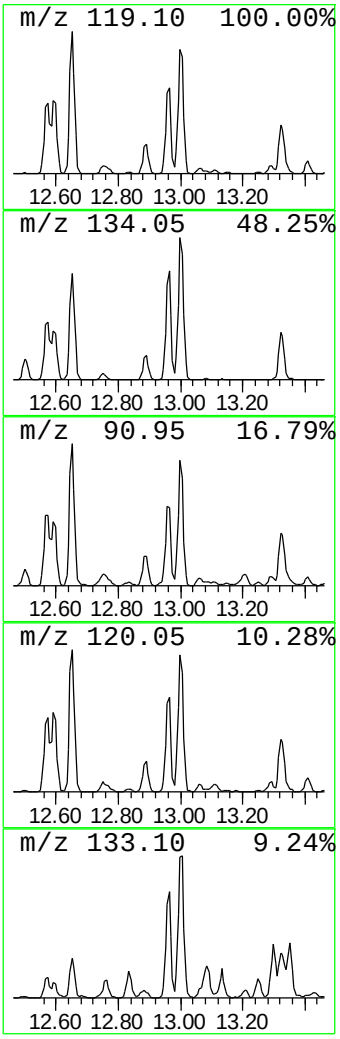
****

Peak Number 25 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	14.07 ug/L	2166010	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	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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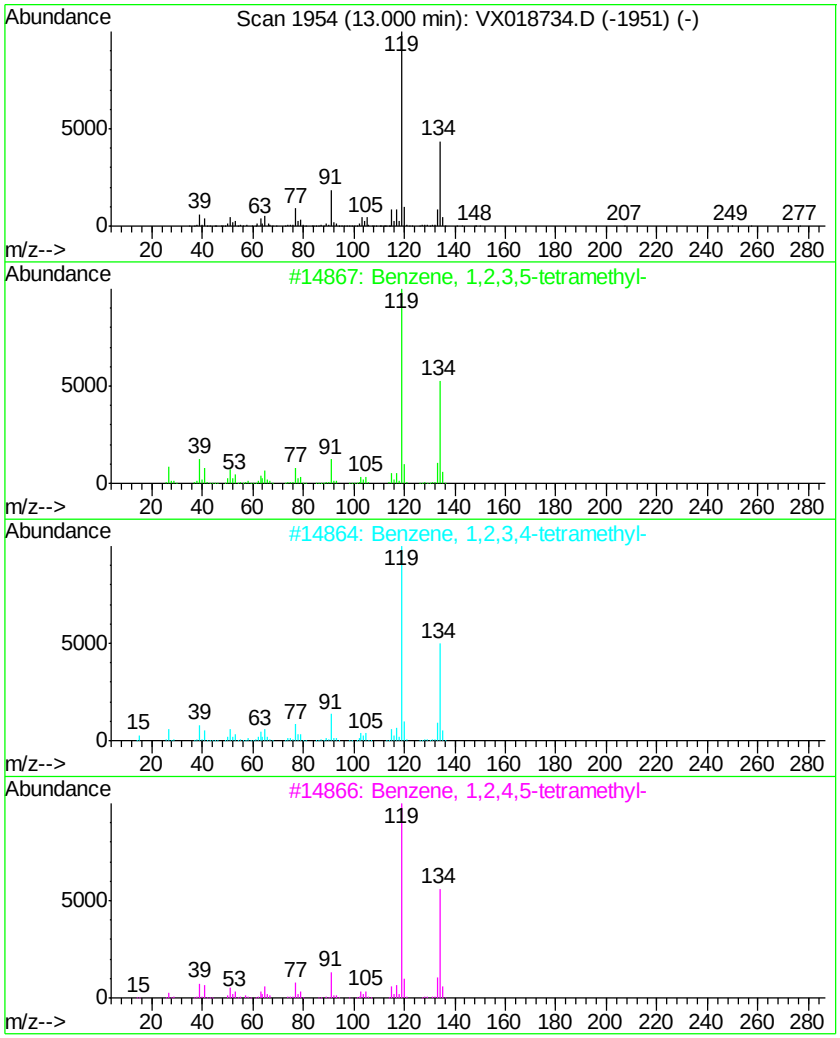
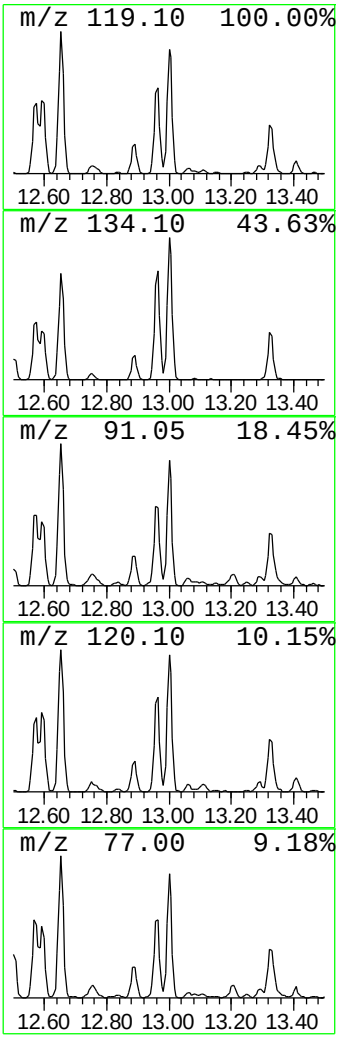
Peak Number 26 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	18.99 ug/L	2923570	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	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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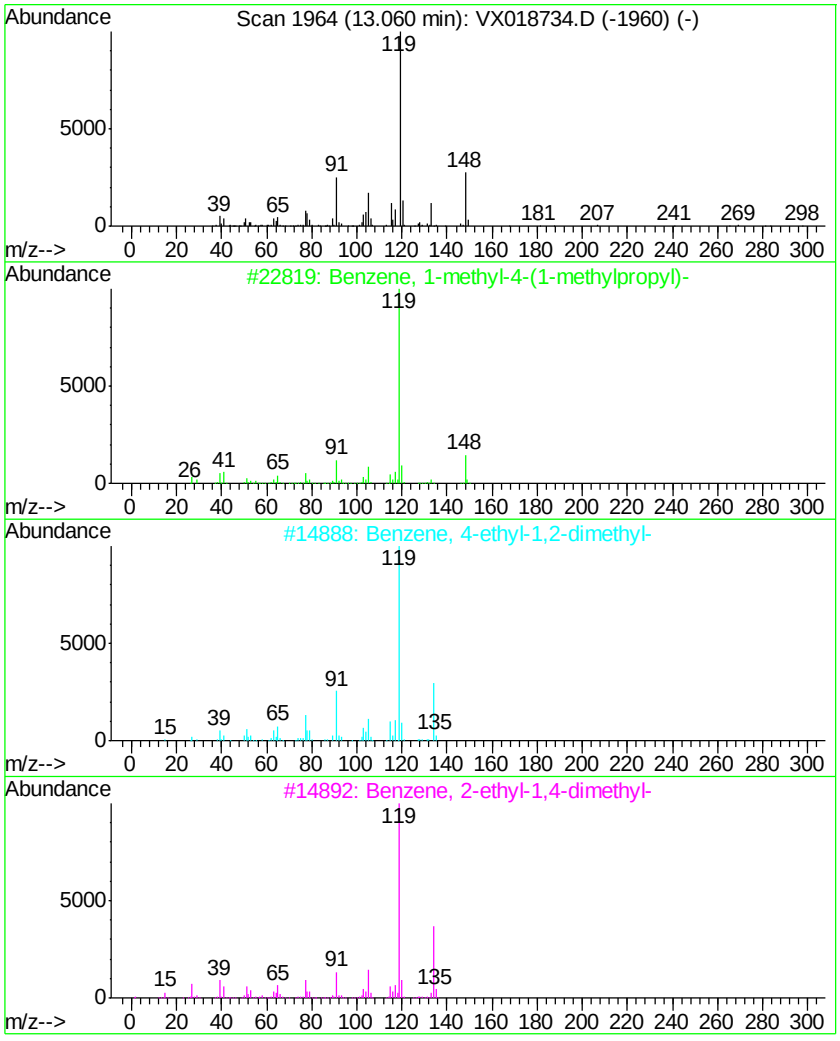
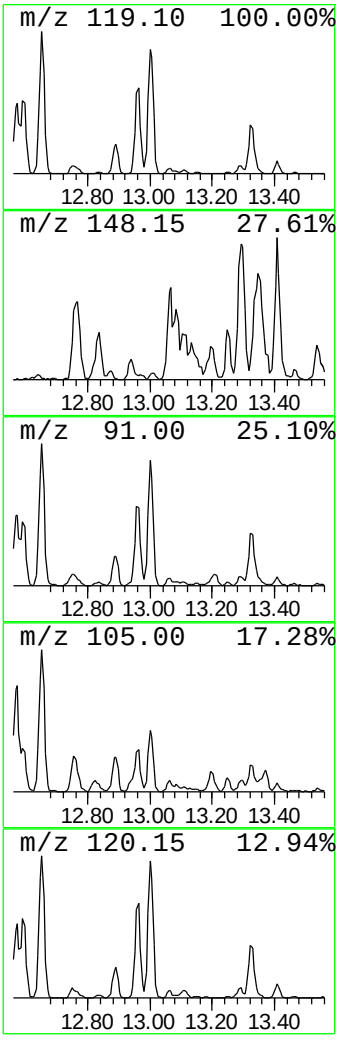
Peak Number 27 Benzene, 1-methyl-4-(1-meth... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	0.99 ug/L	152316	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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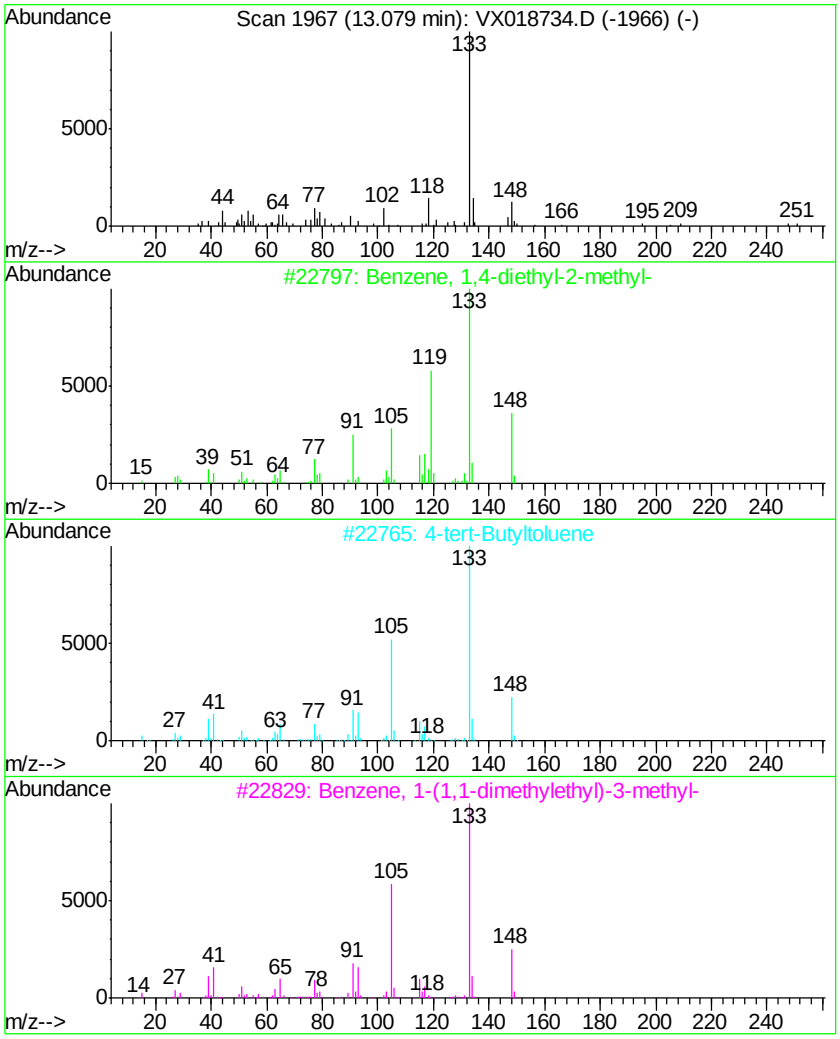
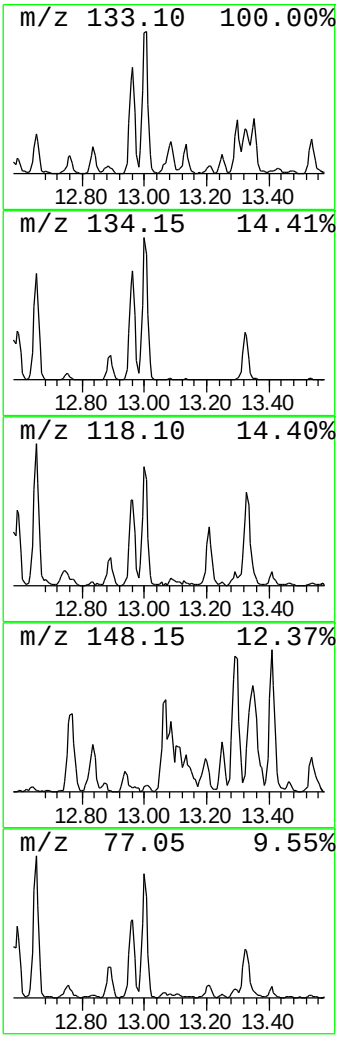
Peak Number 28 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	0.66 ug/L	101428	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	72
2	4-tert-Butyltoluene	148	C11H16	000098-51-1	68
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	64
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	64
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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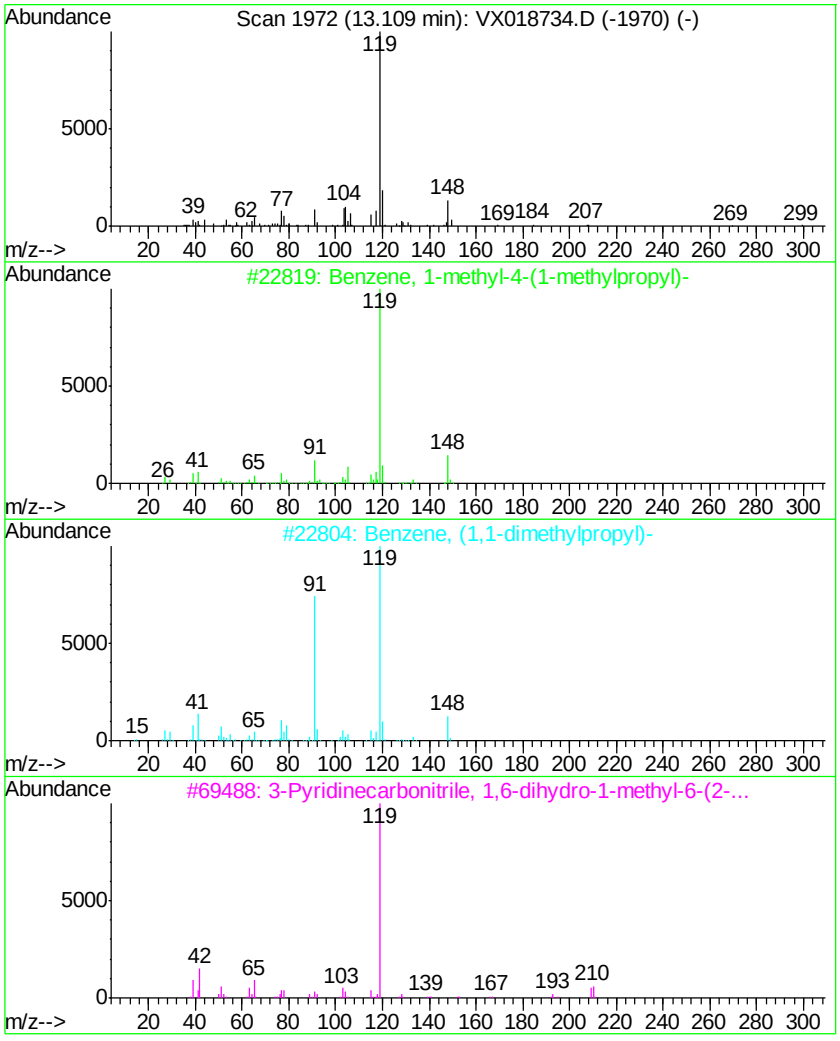
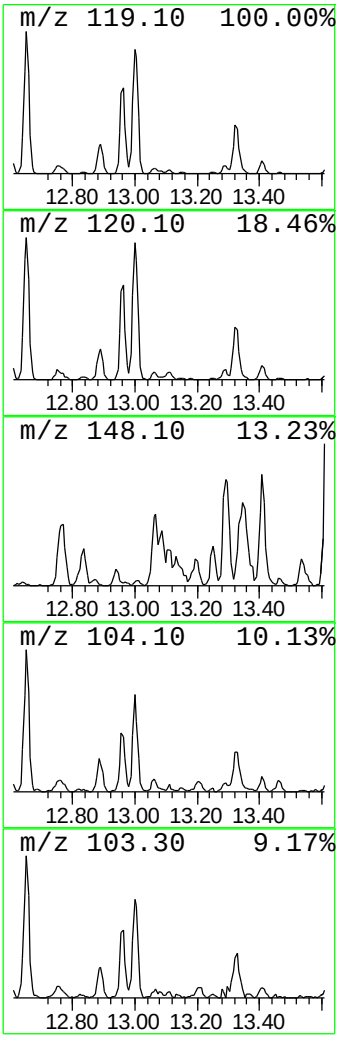
Peak Number 29 3-Pyridinecarbonitrile, 1,6... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	0.53 ug/L	81453	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	64
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	56
3	3-Pyridinecarbonitrile, 1,6-dihy...	210	C14H14N2	027531-42-6	50
4	.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	50
5	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

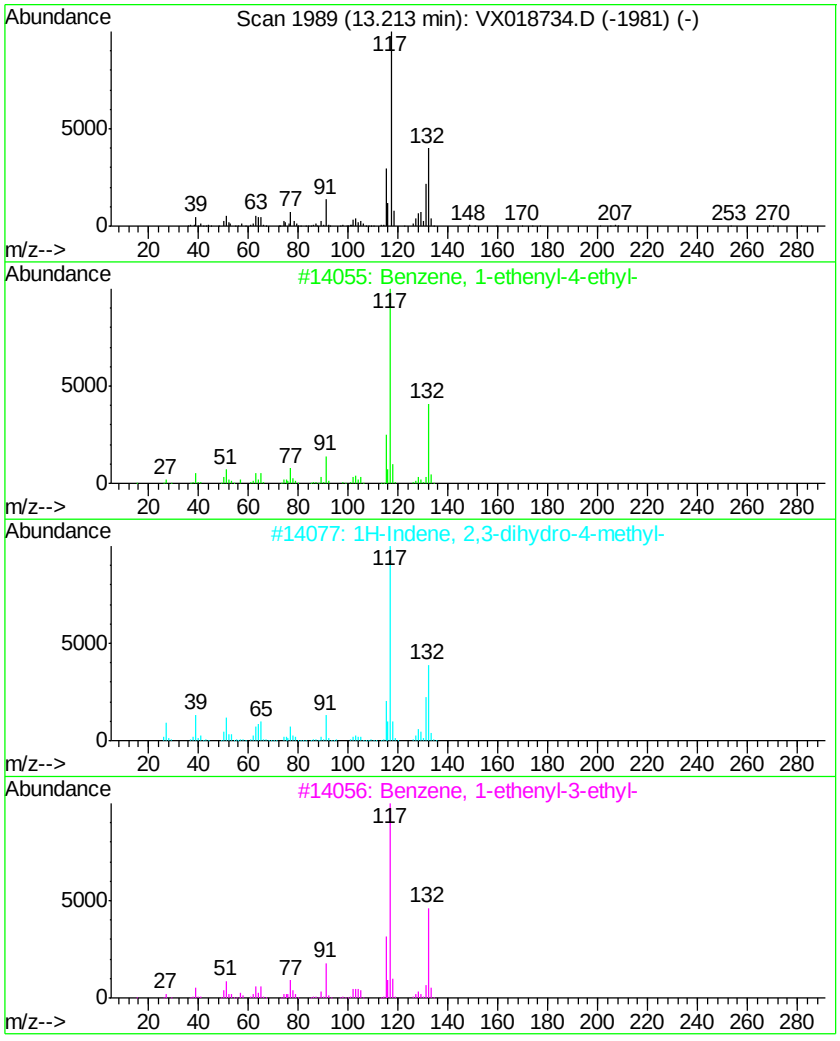
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

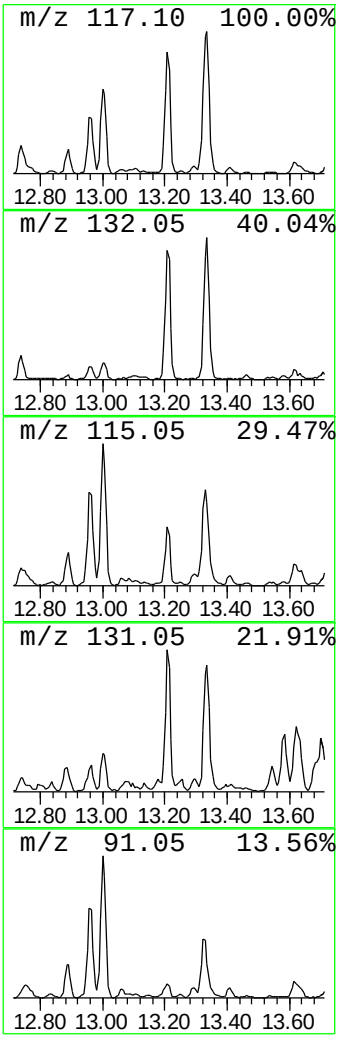
****

Peak Number 30 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.15 ug/L	485511	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

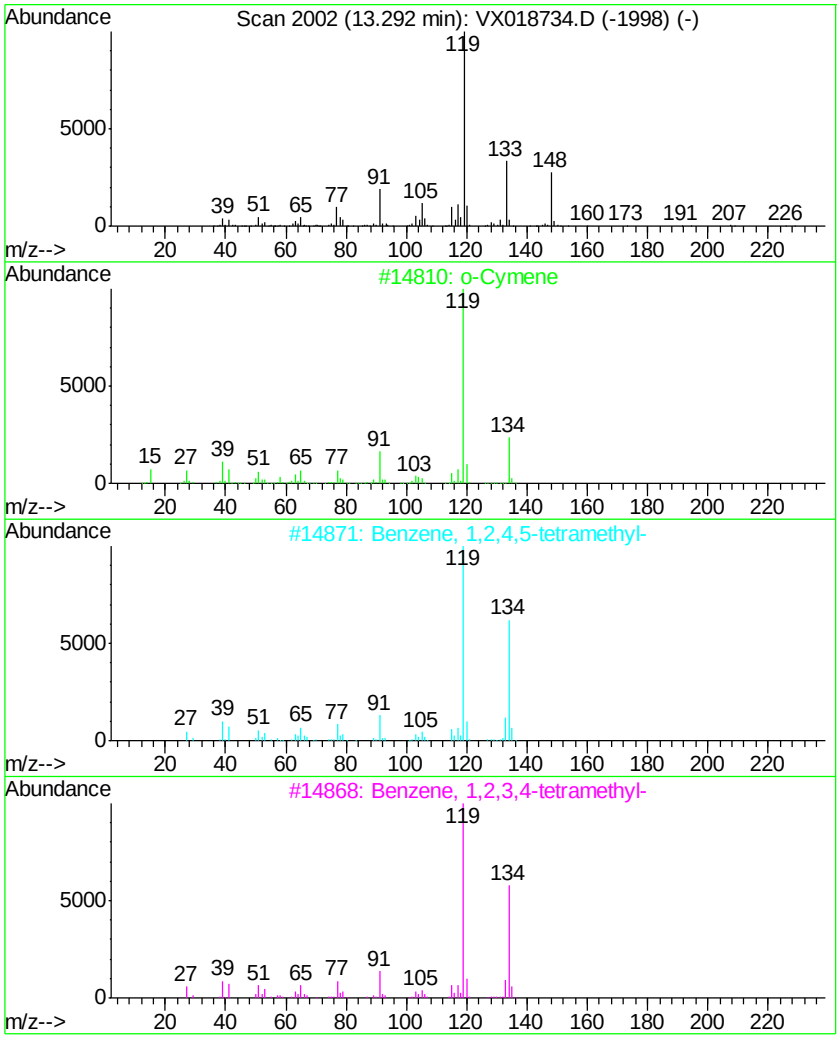
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

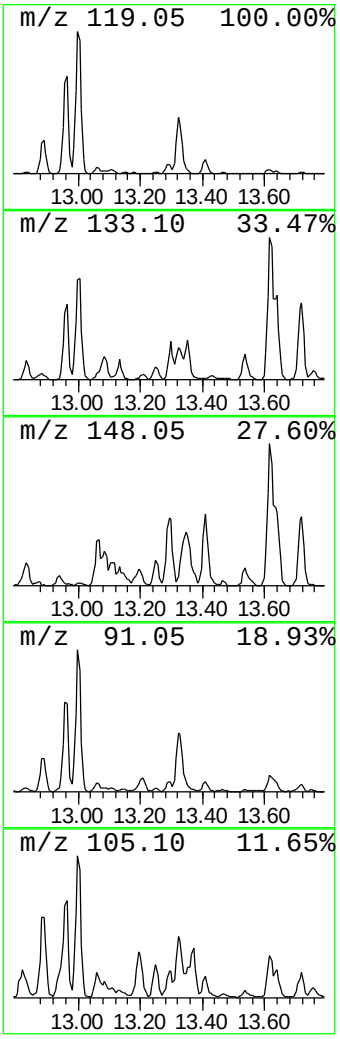
****

Peak Number 31 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	1.68 ug/L	258980	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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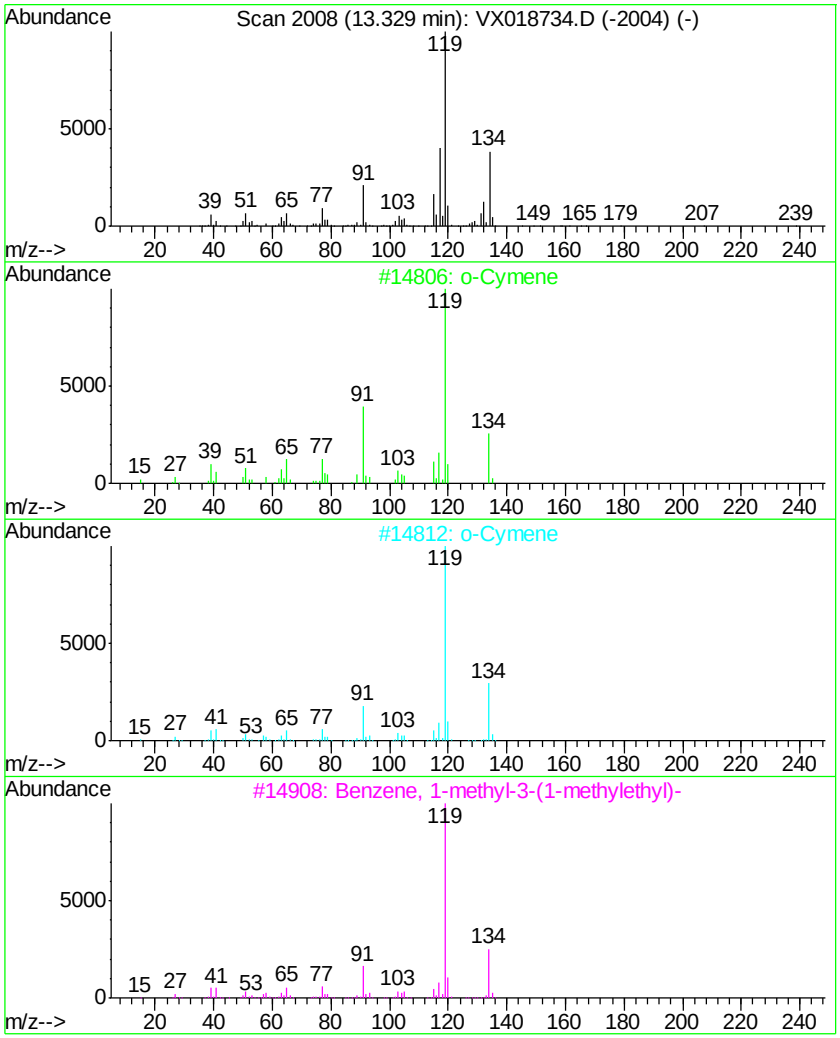
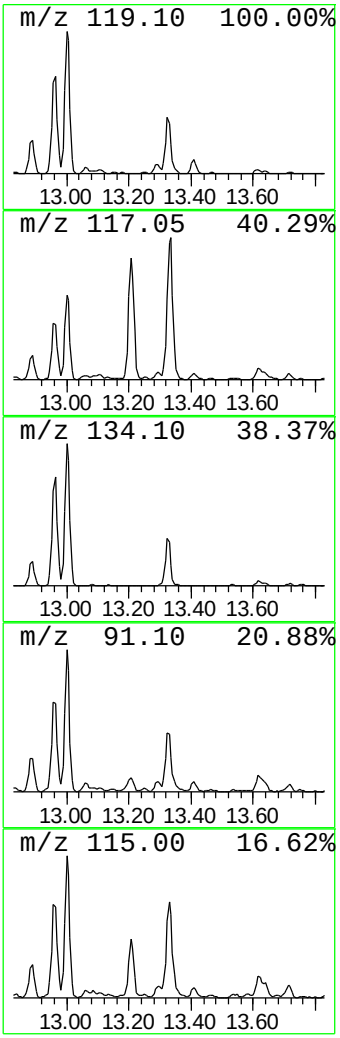
Peak Number 32 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	11.28 ug/L	1736960	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	o-Cymene	134	C10H14	000527-84-4	70
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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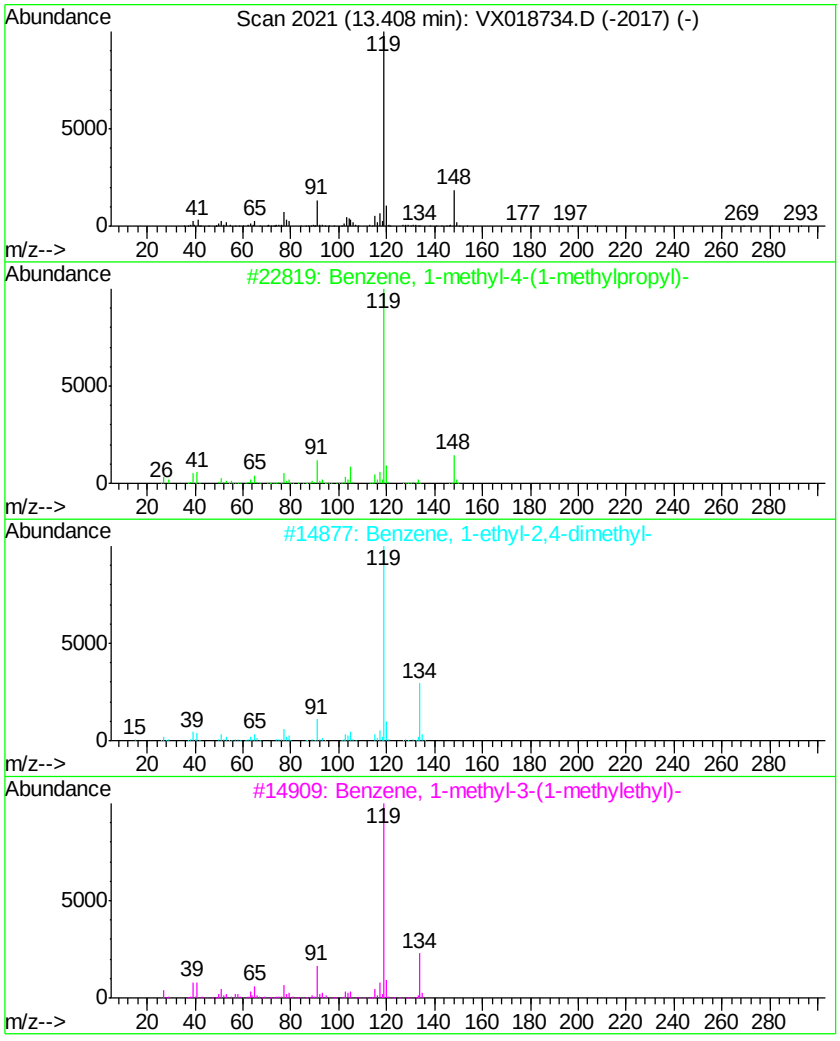
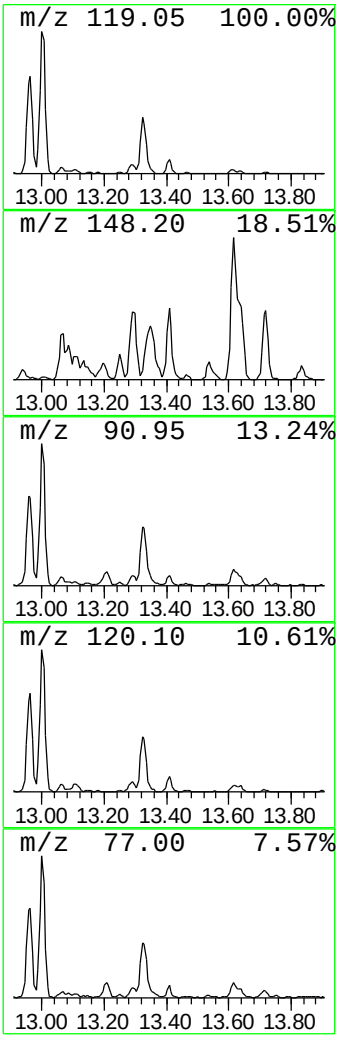
Peak Number 33 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	1.53 ug/L	235360	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	91
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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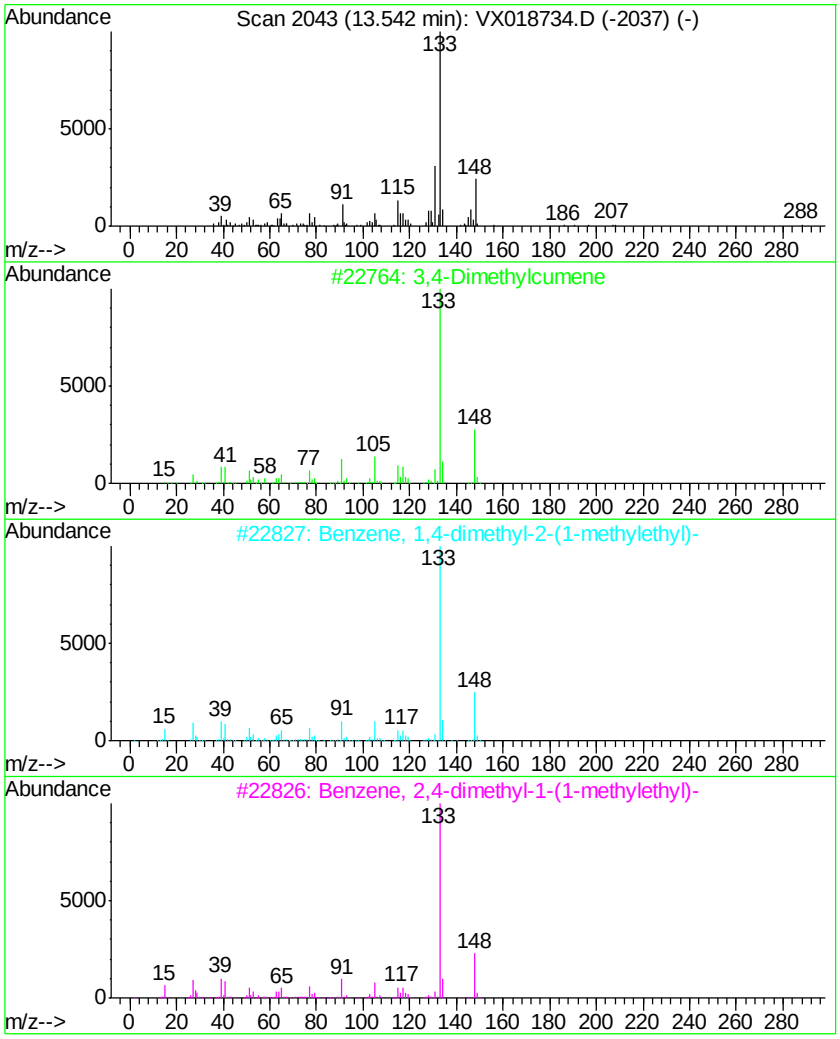
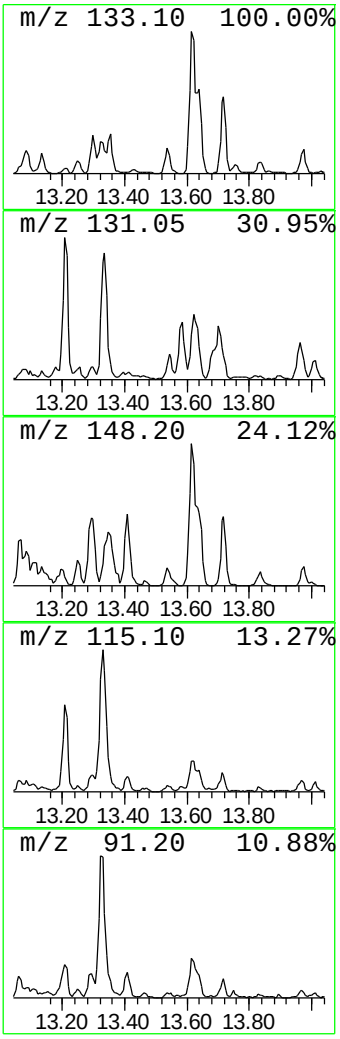
Peak Number 34 3,4-Dimethylcumene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	0.52 ug/L	80526	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
2	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	87
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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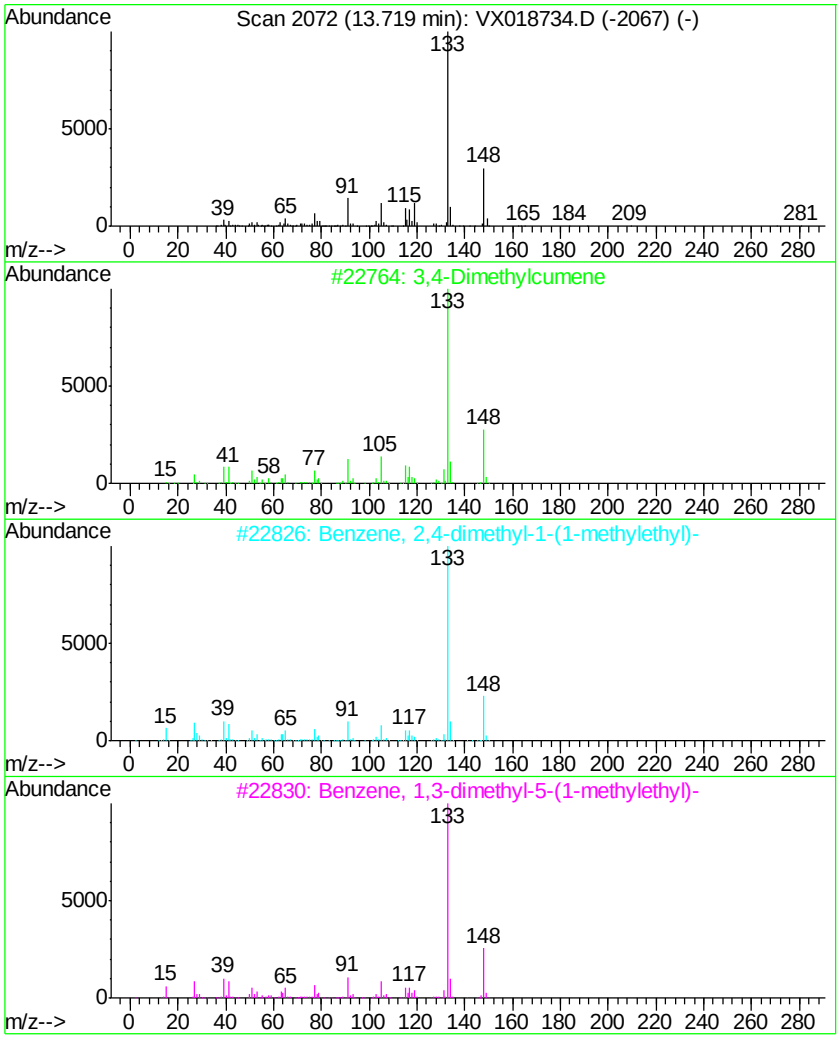
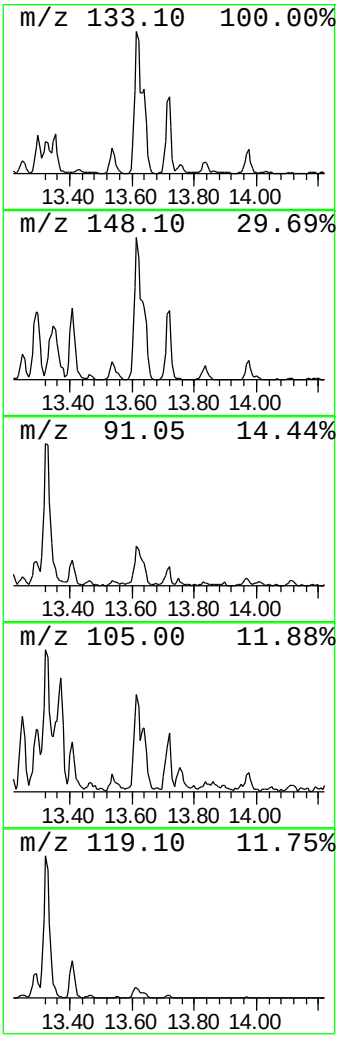
Peak Number 35 Benzene, pentamethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	1.40 ug/L	216074	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

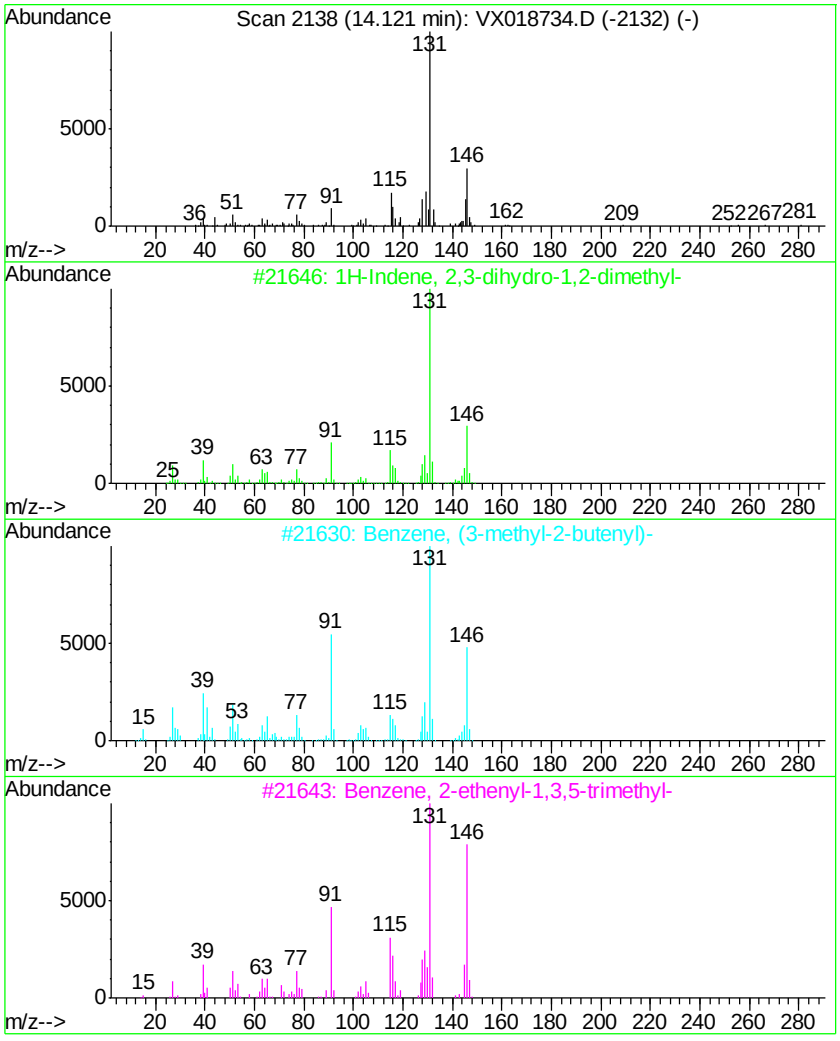
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

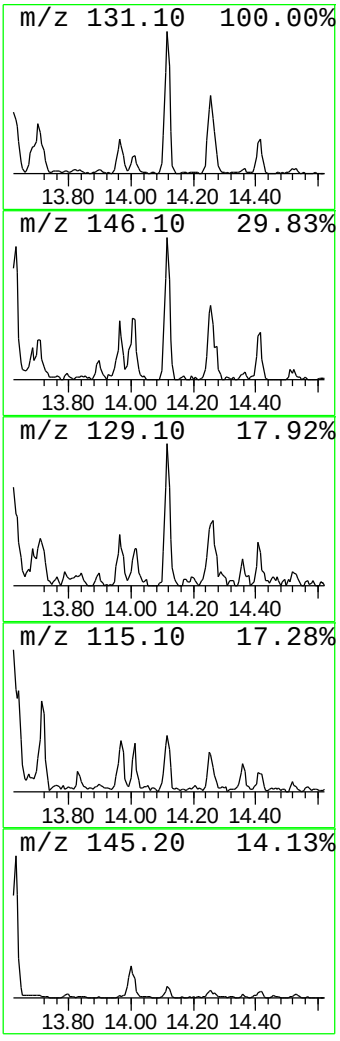
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	0.71 ug/L	110007	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	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100120\
Data File : VX018734.D
Acq On : 01 Oct 2020 20:28
Operator : JC/SP
Sample : L4171-12DL 5X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.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...	3.15	44.7	ug/L	4330570	1	6.83	484040	5.0
(DEL) Alkane: Str...	3.50	58.4	ug/L	5653450	1	6.83	484040	5.0
(DEL) Alkane: Str...	4.12	2.9	ug/L	275725	1	6.83	484040	5.0
(DEL) Alkane: Str...	4.28	2.2	ug/L	209872	1	6.83	484040	5.0
(DEL) Alkane: Cyc...	4.37	1.5	ug/L	147073	1	6.83	484040	5.0
Benzene, propyl-	11.34	6.0	ug/L	922251	3	12.06	769612	5.0
Benzene, 1-ethyl-...	11.42	8.7	ug/L	1334310	3	12.06	769612	5.0
Benzene, 1,2,3-tr...	11.49	7.0	ug/L	1080720	3	12.06	769612	5.0
Benzene, 1-ethyl-...	11.65	1.6	ug/L	249651	3	12.06	769612	5.0
Benzene, 1,2,4-tr...	11.79	11.7	ug/L	1796180	3	12.06	769612	5.0
Benzene, (2-methy...	11.90	1.2	ug/L	185091	3	12.06	769612	5.0
Benzene, 1-methyl...	11.93	1.5	ug/L	222998	3	12.06	769612	5.0
unknown-02	12.13	0.9	ug/L	140075	3	12.06	769612	5.0
Benzene, 1,2-diet...	12.29	5.0	ug/L	763786	3	12.06	769612	5.0
Oxirane, 2-methyl...	12.30	8.6	ug/L	1320940	3	12.06	769612	5.0
Ethanone, 1-(3-me...	12.44	1.0	ug/L	156246	3	12.06	769612	5.0
Benzene, (1-methy...	12.50	4.2	ug/L	644632	3	12.06	769612	5.0
Benzene, 2-ethyl-...	12.57	12.9	ug/L	1983730	3	12.06	769612	5.0
Benzene, 1-methyl...	12.59	7.8	ug/L	1193790	3	12.06	769612	5.0
o-Cymene	12.65	19.5	ug/L	3007610	3	12.06	769612	5.0
p-Cymene	12.75	2.9	ug/L	440054	3	12.06	769612	5.0
Benzene, 1,3-diet...	12.83	0.6	ug/L	91105	3	12.06	769612	5.0
Benzene, 4-ethyl-...	12.89	4.7	ug/L	719944	3	12.06	769612	5.0
Benzene, 1,2,3,4-...	12.96	14.1	ug/L	2166010	3	12.06	769612	5.0
Benzene, 1,2,3,5-...	13.00	19.0	ug/L	2923570	3	12.06	769612	5.0
Benzene, 1-methyl...	13.06	1.0	ug/L	152316	3	12.06	769612	5.0
Benzene, 1,4-diet...	13.08	0.7	ug/L	101428	3	12.06	769612	5.0
3-Pyridinecarboni...	13.11	0.5	ug/L	81453	3	12.06	769612	5.0
Benzene, 1-etheny...	13.21	3.1	ug/L	485511	3	12.06	769612	5.0
unknown-03	13.29	1.7	ug/L	258980	3	12.06	769612	5.0
unknown-04	13.33	11.3	ug/L	1736960	3	12.06	769612	5.0
Benzene, 1-ethyl-...	13.41	1.5	ug/L	235360	3	12.06	769612	5.0
3,4-Dimethylcumene	13.54	0.5	ug/L	80526	3	12.06	769612	5.0
Benzene, pentamet...	13.72	1.4	ug/L	216074	3	12.06	769612	5.0
Benzene, 2-etheny...	14.12	0.7	ug/L	110007	3	12.06	769612	5.0