LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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	2.343	199	206	218	rVB	186658	294556	2.58%	0.255%
2	2.825	275	285	287	rBV	232828	438150	3.84%	0.379%
3	2.873	287	293	306	rVB	1696374	3502095	30.66%	3.032%
4	3.154	328	339	353	rBV	3824977	8631281	75.57%	7.472%
5	3.501	386	396	413	rBV	5135180	11421845	100.00%	9.888%
6	4.117	484	497	509	rBV	125624	382902	3.35%	0.331%
7	4.282	512	524	531	rVV2	88775	276913	2.42%	0.240%
8	4.373	531	539	551	rVB	222051	634695	5.56%	0.549%
9	4.556	557	569	584	rBV2	66611	280691	2.46%	0.243%
10	5.141	653	665	681	rBV	109815	346808	3.04%	0.300%
11	6.044	800	813	827	rBV5	247970	743422	6.51%	0.644%
12	6.830	933	942	952	rBV	192707	460208	4.03%	0.398%
13	7.366	1021	1030	1039	rBV	151399	340021	2.98%	0.294%
14	8.372	1189	1195	1202	rVB	110531	179549	1.57%	0.155%
15	8.695	1234	1248	1256	rBV	425068	709255	6.21%	0.614%
16	8.994	1293	1297	1308	rVB	79874	136063	1.19%	0.118%
17	9.427	1362	1368	1378	rBV	500402	705676	6.18%	0.611%
18	10.098	1472	1478	1483	rBV	409287	546538	4.79%	0.473%
19	11.000	1621	1626	1631	rBV	124176	163805	1.43%	0.142%
20	11.232	1657	1664	1672	rBV	171073	234753	2.06%	0.203%
21	11.341	1675	1682	1689	rBV	2480497	3089914	27.05%	2.675%
22	11.421	1689	1695	1702	rVV	3475442	6527283	57.15%	5.651%
23	11.494	1702	1707	1717	rVB	3161121	4031484	35.30%	3.490%
24	11.652	1728	1733	1742	rVB	644868	794791	6.96%	0.688%
25	11.793	1751	1756	1766	rVB	5019801	5891408	51.58%	5.100%
26	11.902	1767	1774	1776	rBV	332022	425417	3.72%	0.368%
27	11.927	1776	1778	1783	rVV	429374	525437	4.60%	0.455%
28	12.012	1783	1792	1795	rVV	915288	1171418	10.26%	1.014%
29	12.061	1795	1800	1806	rVB3	579101	994803	8.71%	0.861%
30	12.128	1806	1811	1816	rBV	384964	469111	4.11%	0.406%
31	12.286	1832	1837	1838	rBV	1802952	1942250	17.00%	1.681%
32	12.305	1838	1840	1844	rVV	2790919	3357929	29.40%	2.907%
33	12.359	1844	1849	1858	rVB2	5505887	8038060	70.37%	6.959%
34	12.445	1858	1863	1868	rBV	332108	415382	3.64%	0.360%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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	12.500	1868	1872	1878	rVB	1313988	1614104	14.13%	1.397%
36	12.573	1878	1884	1886	rBV	3526994	4937970	43.23%	4.275%
37	12.591	1886	1887	1892	rVB	3271820	3210950	28.11%	2.780%
38	12.652	1892	1897	1901	rBV	6599202	7603054	66.57%	6.582%
39	12.683	1901	1902	1907	rVB	122766	120903	1.06%	0.105%
40	12.750	1907	1913	1920	rBV4	572732	1096798	9.60%	0.950%
41	12.835	1922	1927	1931	rBV2	123685	172033	1.51%	0.149%
42	12.890	1931	1936	1940	rVB	1652198	2010105	17.60%	1.740%
43	12.963	1940	1948	1951	rBV	4445857	5255373	46.01%	4.550%
44	13.000	1951	1954	1960	rVB	6283958	7742175	67.78%	6.703%
45	13.061	1960	1964	1966	rBV	276891	338793	2.97%	0.293%
46	13.109	1970	1972	1975	rVB	192163	166483	1.46%	0.144%
47	13.207	1982	1988	1992	rBV	1233722	1538808	13.47%	1.332%
48	13.250	1992	1995	1998	rVB2	148910	155912	1.37%	0.135%
49	13.292	1998	2002	2004	rBV2	404798	555058	4.86%	0.481%
50	13.329	2004	2008	2017	rVV2	3066606	4599679	40.27%	3.982%
51	13.408	2017	2021	2027	rVV	483803	527466	4.62%	0.457%
52	13.463	2027	2030	2038	rVB2	73411	117183	1.03%	0.101%
53	13.542	2038	2043	2047	rBV2	106821	176292	1.54%	0.153%
54	13.628	2051	2057	2063	rVV2	2041356	3311305	28.99%	2.867%
55	13.713	2066	2071	2075	rVB	370389	492847	4.31%	0.427%
56	13.969	2106	2113	2115	rBV2	158512	244909	2.14%	0.212%
57	13.999	2115	2118	2129	rVV2	383492	556768	4.87%	0.482%
58	14.115	2132	2137	2142	rBV	237972	276881	2.42%	0.240%
59	14.255	2155	2160	2169	rVB	143583	226824	1.99%	0.196%
60	14.359	2171	2177	2181	rBV	131813	161467	1.41%	0.140%
61	14.676	2222	2229	2234	rBV	146405	197276	1.73%	0.171%

Sum of corrected areas: 115511329

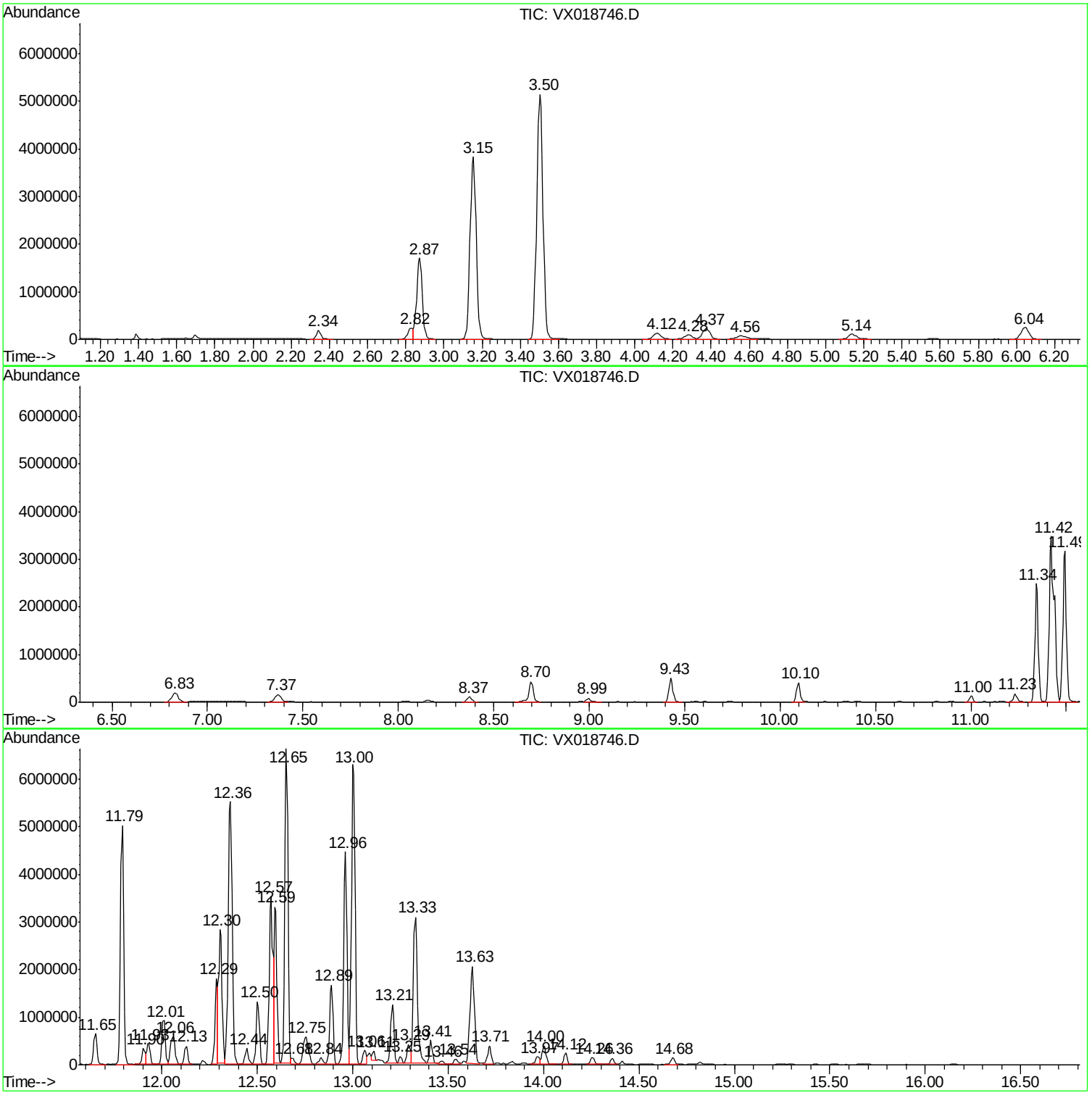
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

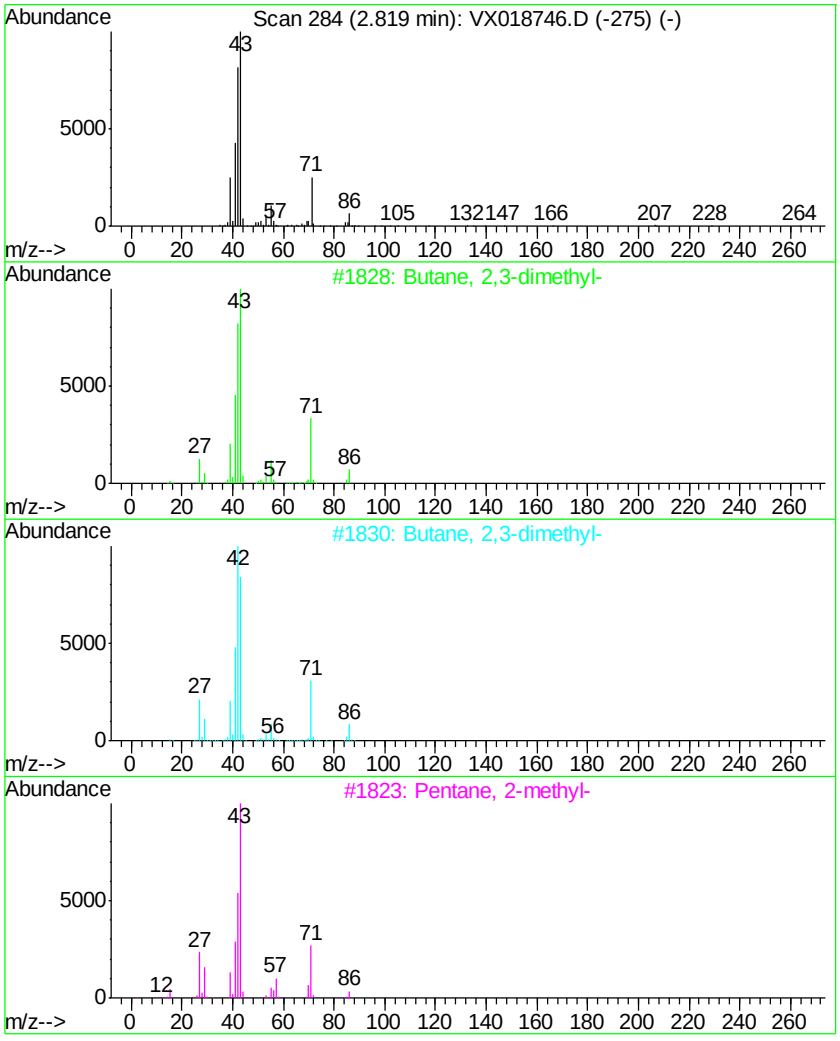
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

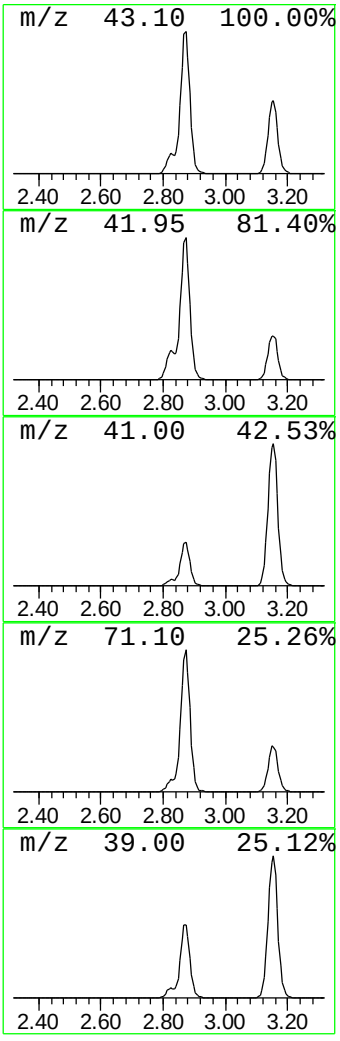
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	4.76 ug/L	438150	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	80
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

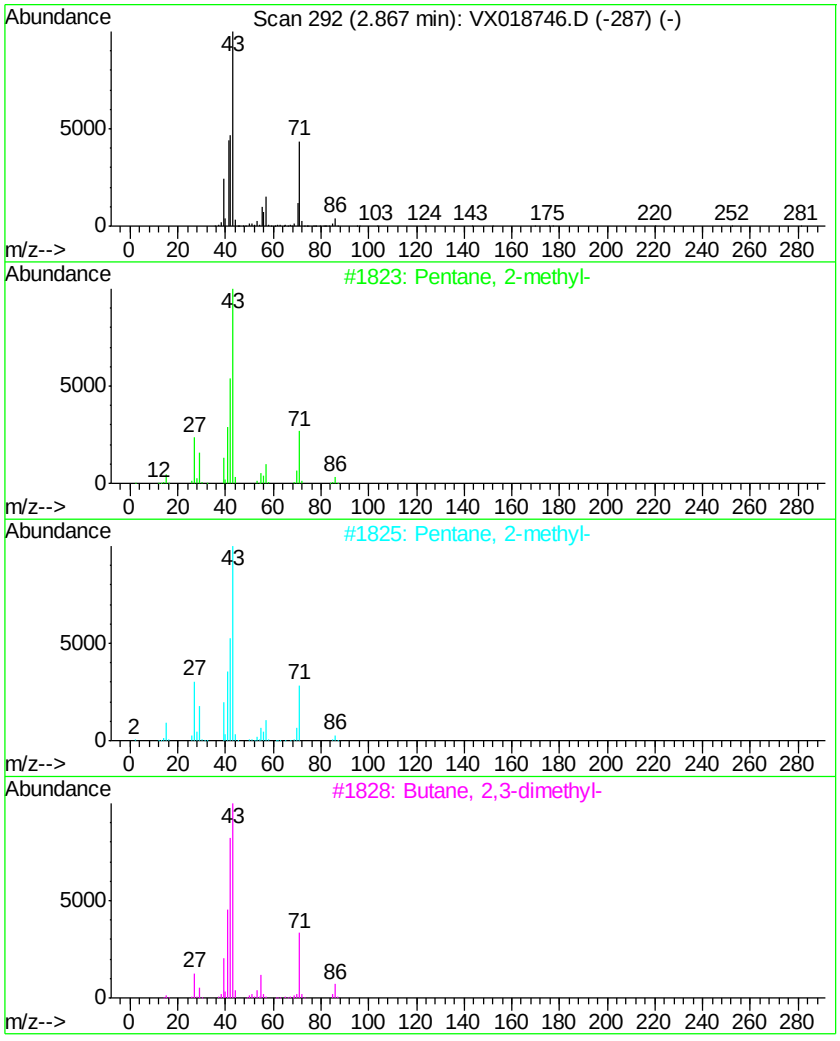
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

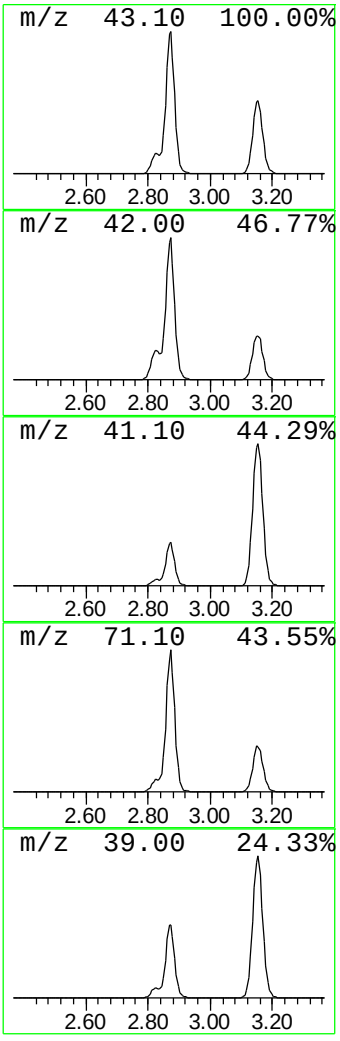
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	38.05 ug/L	3502100	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
4	Pentane	72	C5H12	000109-66-0	43
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

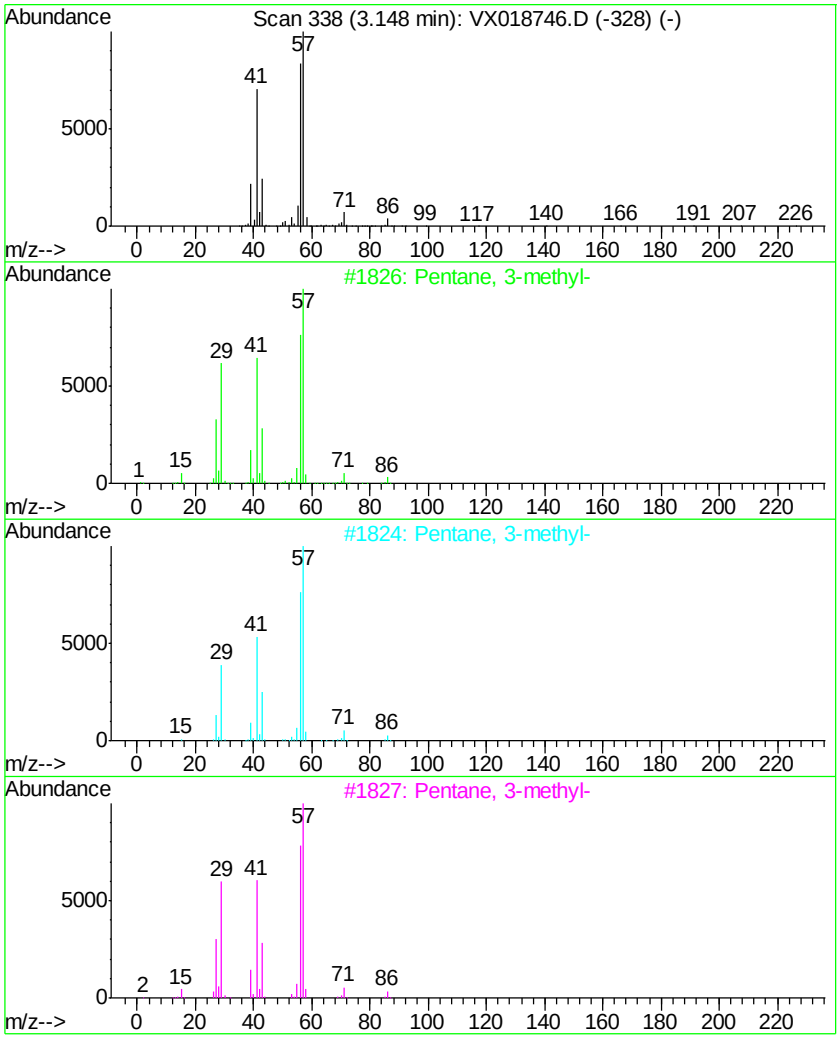
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

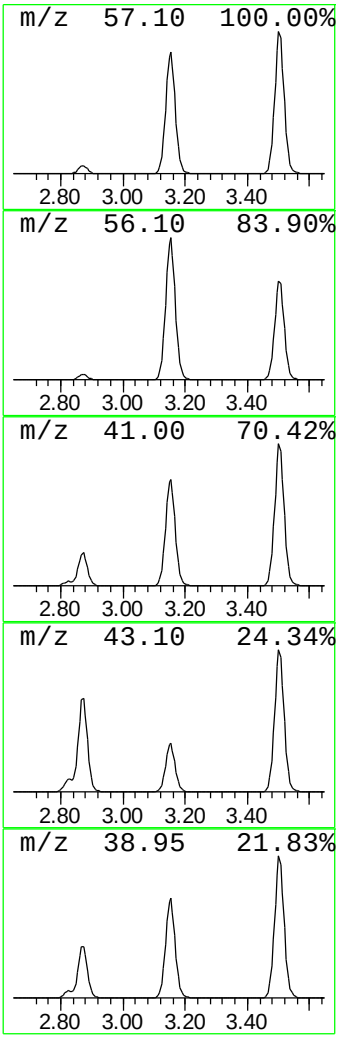
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	93.78 ug/L	8631280	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	53
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

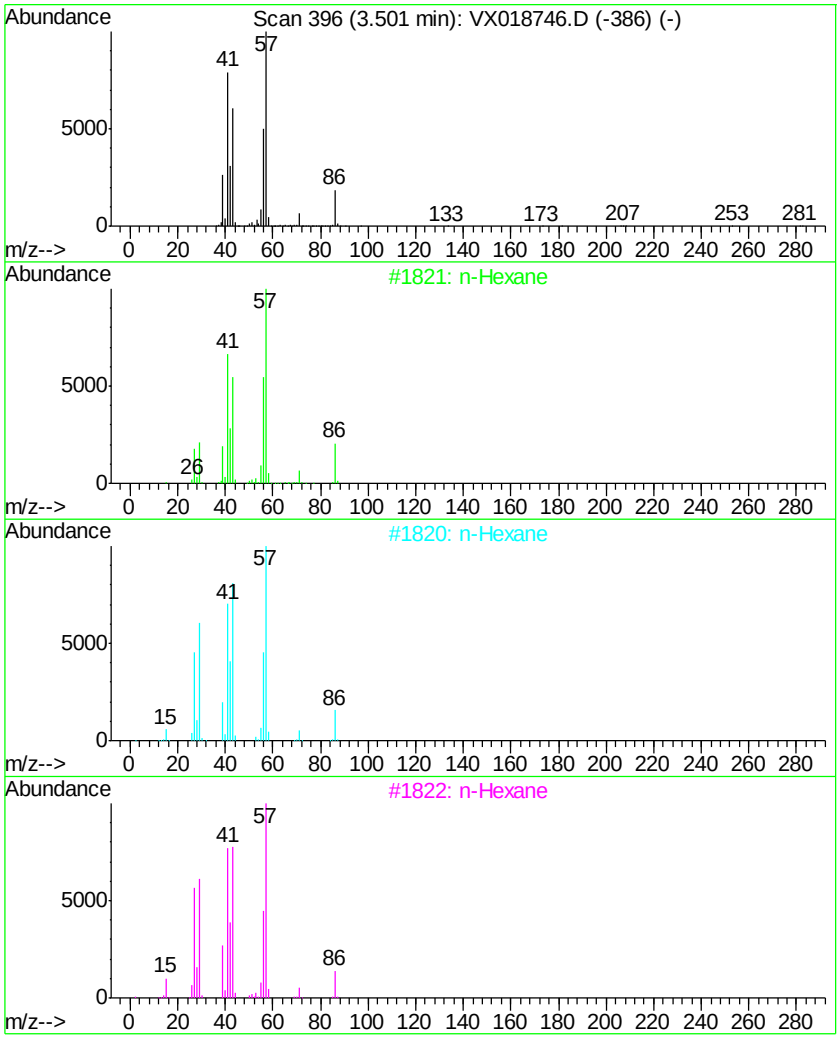
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

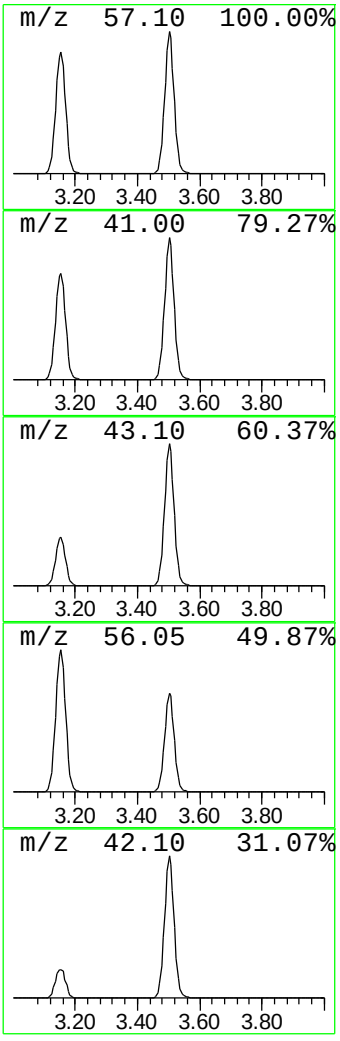
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	124.09 ug/L	11421800	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	72
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

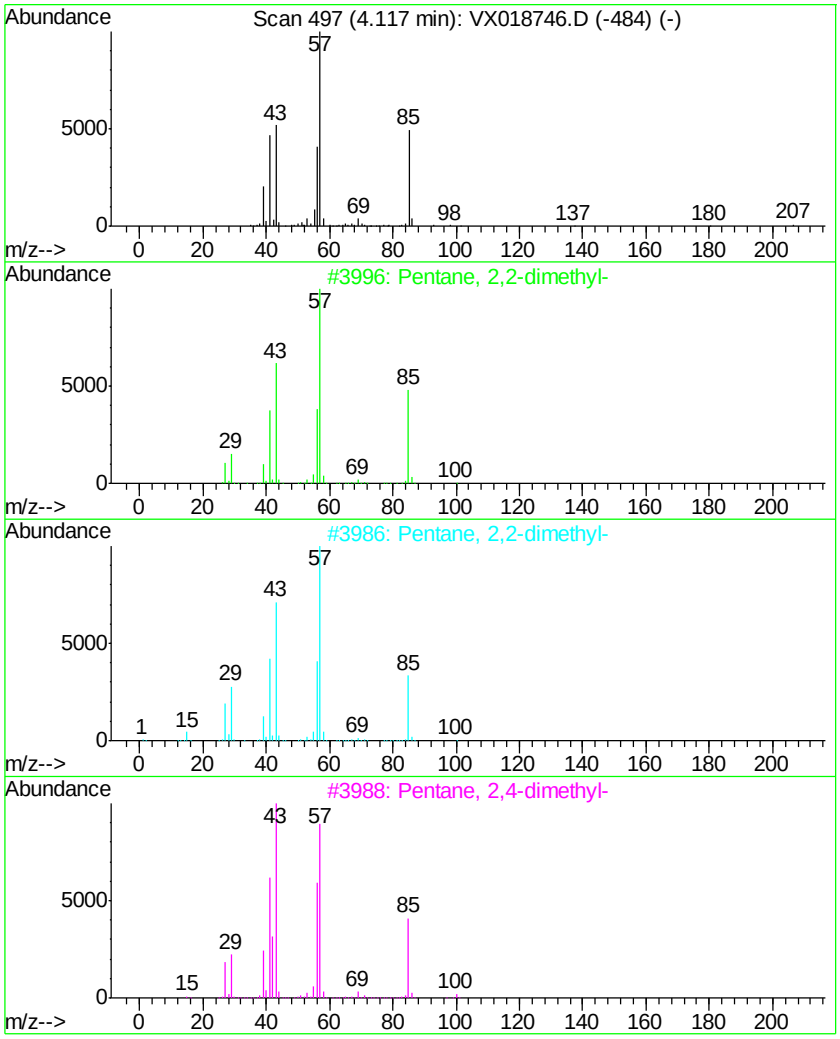
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

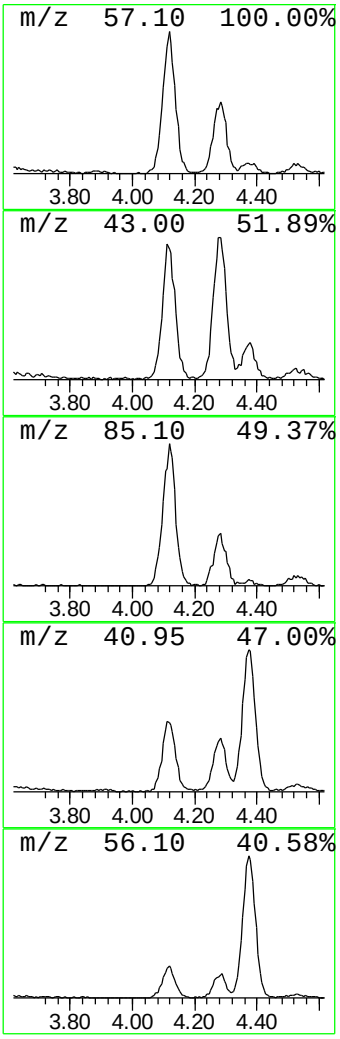
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	4.16 ug/L	382902	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	78
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
5	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

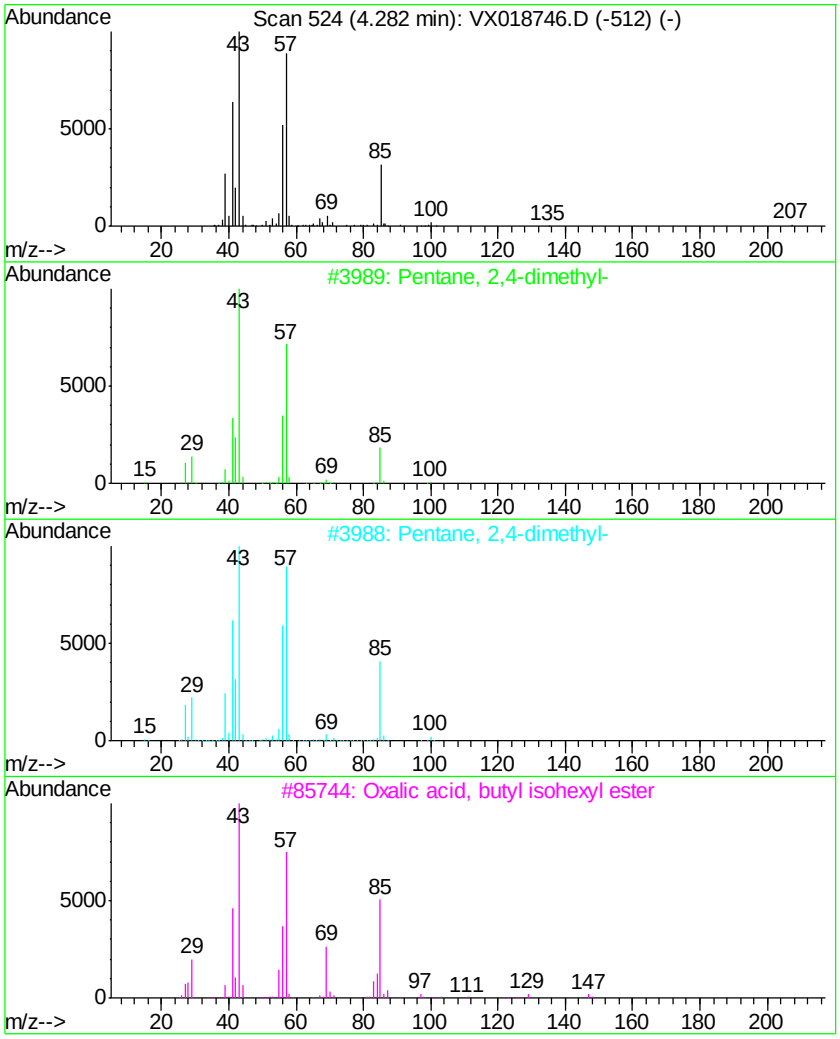
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

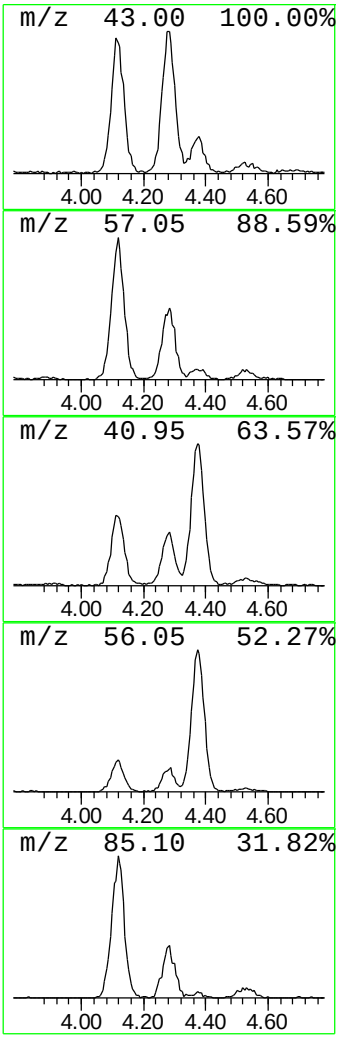
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	3.01 ug/L	276913	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
3	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	56
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

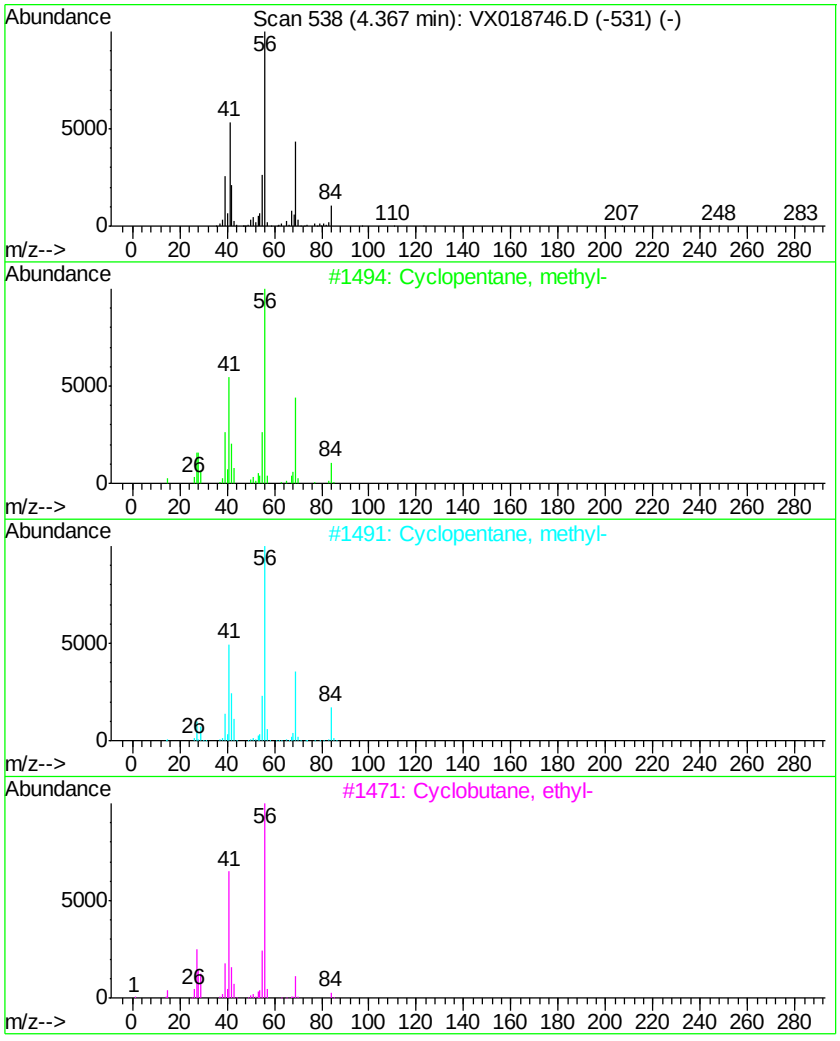
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

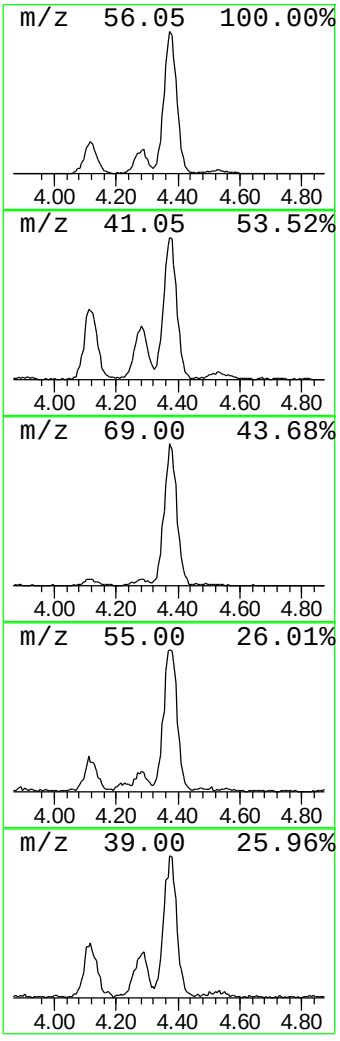
****

Peak Number 7 (DEL) Alkane: Cyclic4.37 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	6.90 ug/L	634695	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	80
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
5	Cyclohexane	84	C6H12	000110-82-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

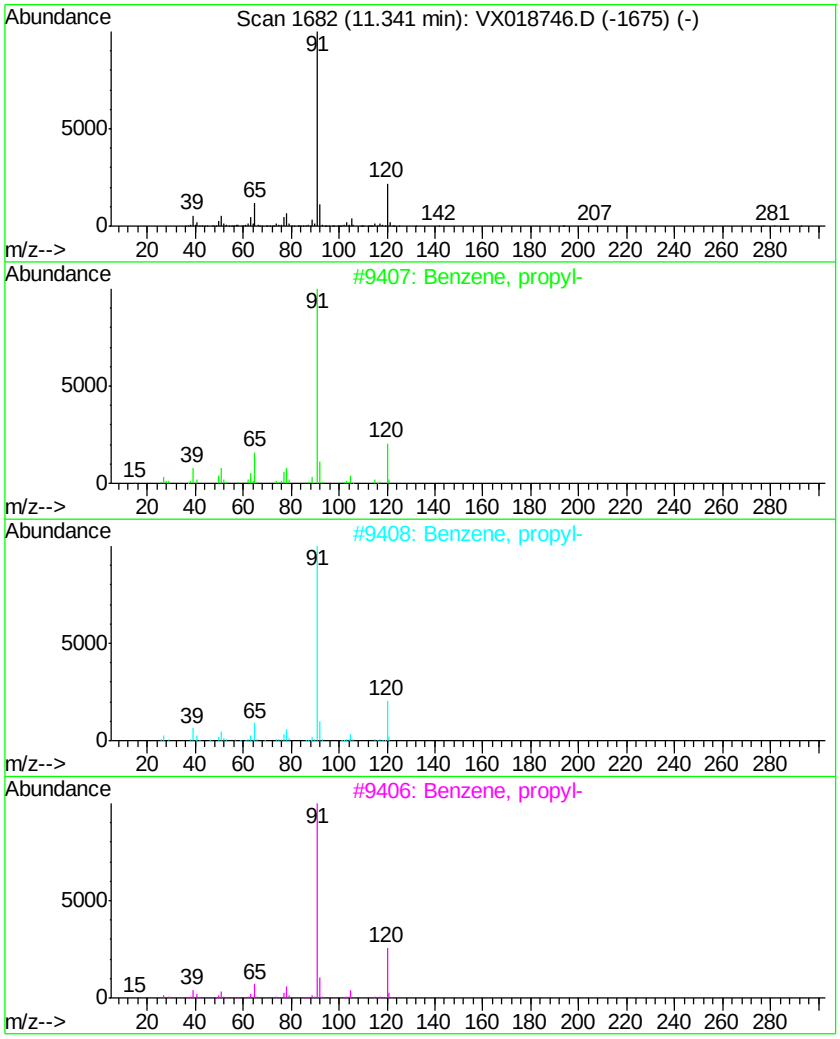
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

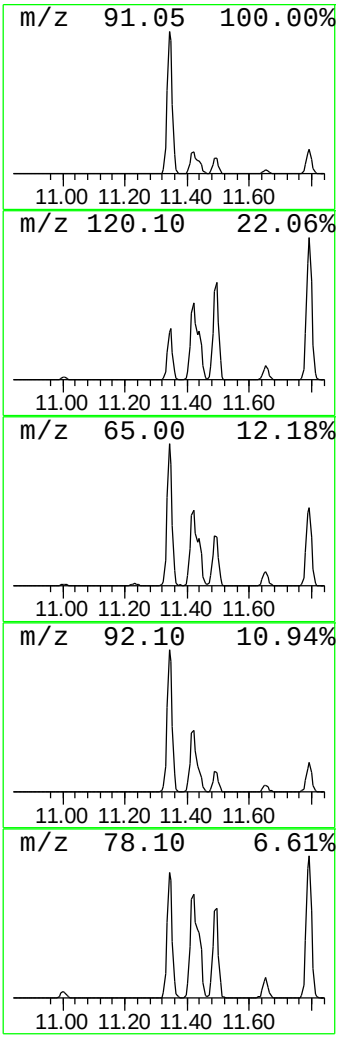
****

Peak Number 9 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	15.53 ug/L	3089910	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

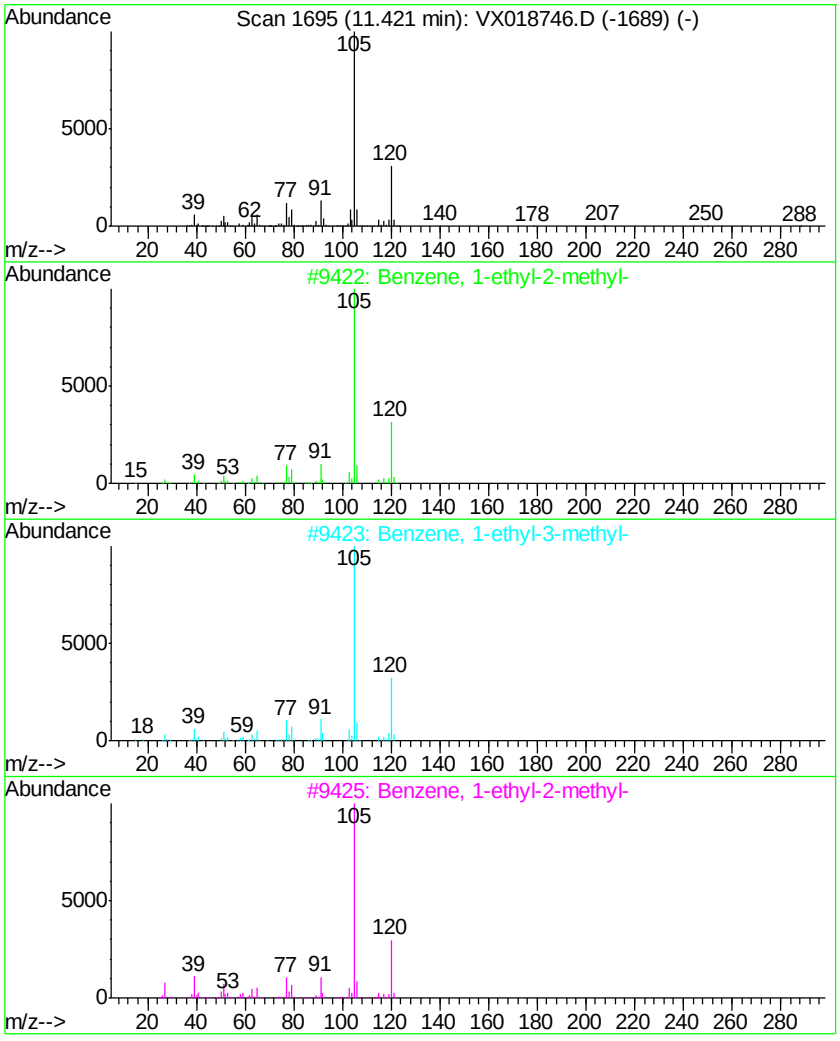
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

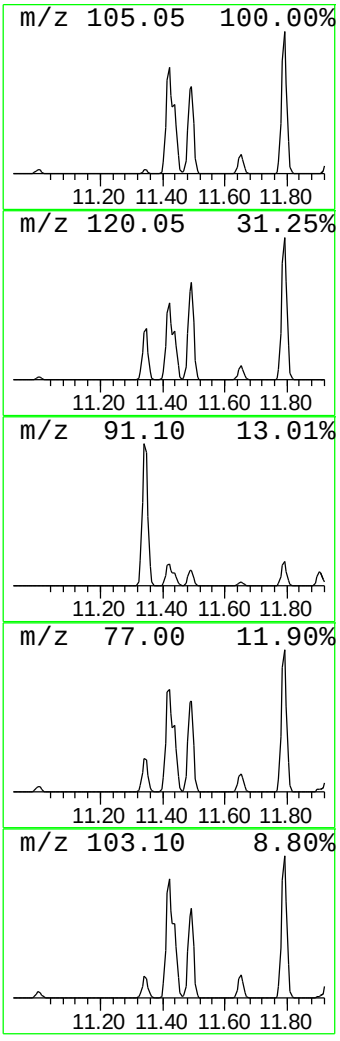
****

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	32.81 ug/L	6527280	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

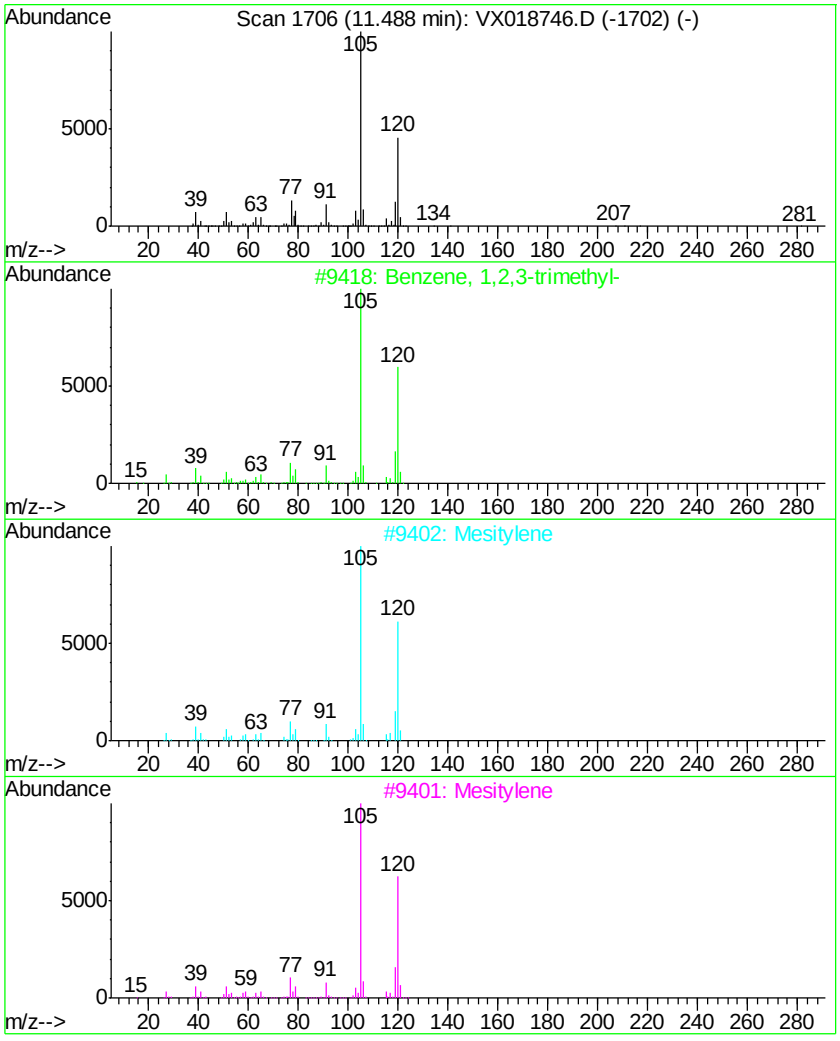
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

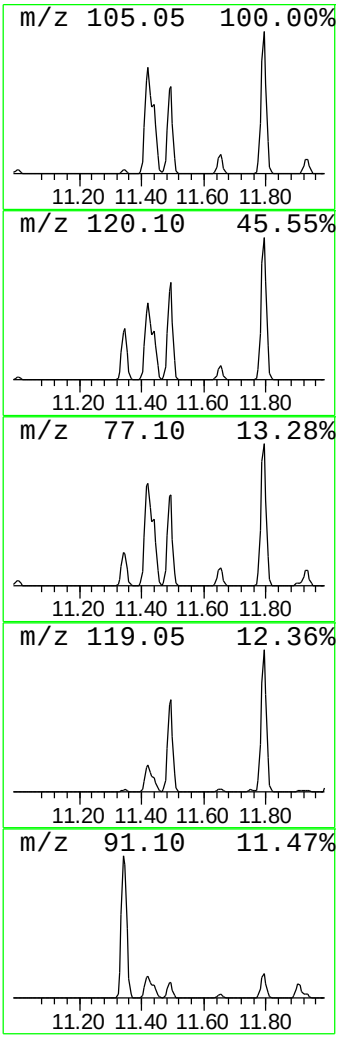
****

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	20.26 ug/L	4031480	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	97
3	Mesitylene	120	C9H12	000108-67-8	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

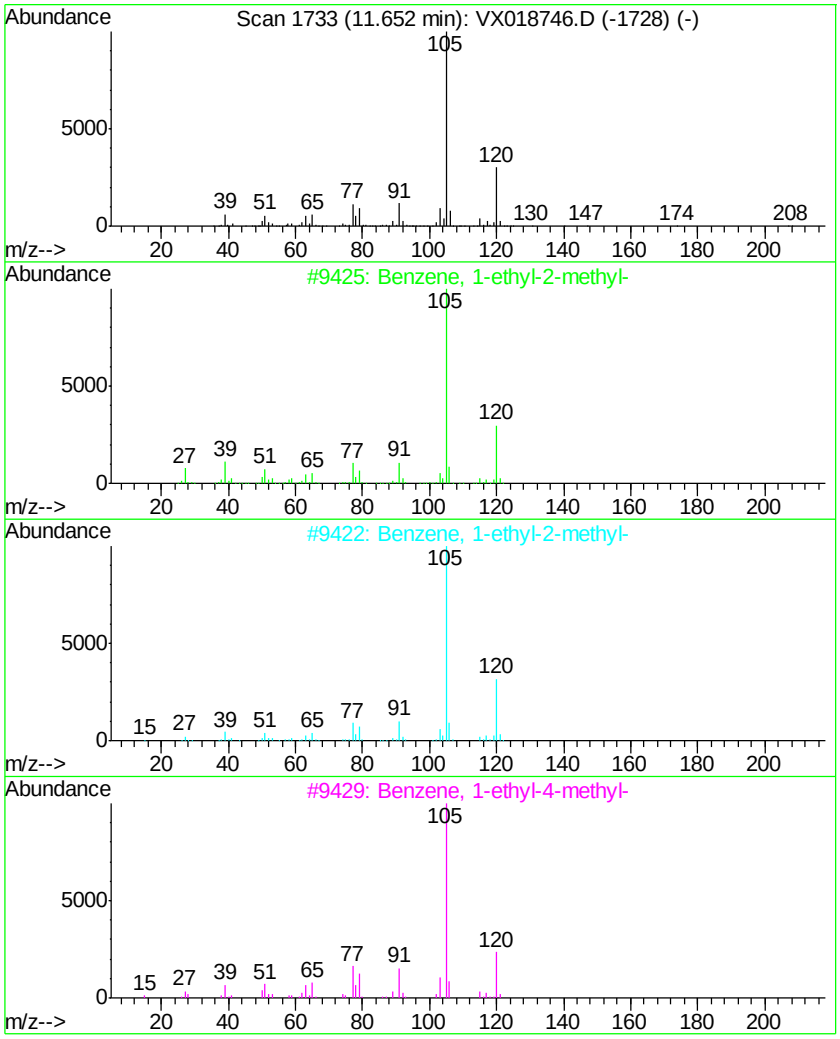
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

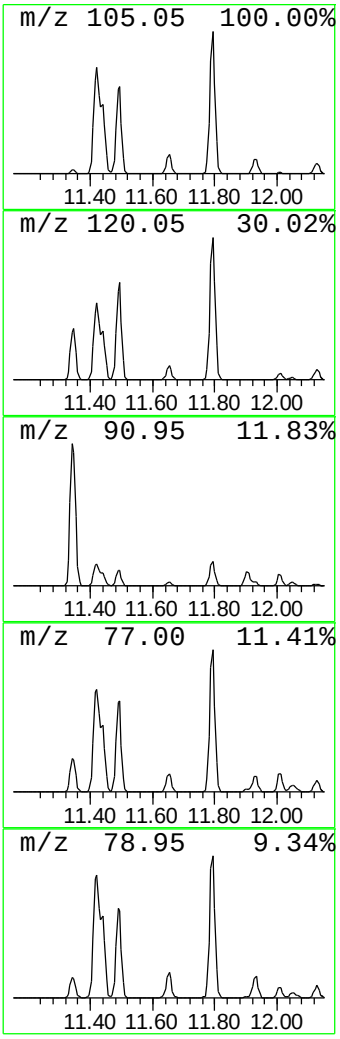
****

Peak Number 12 Benzene, 1-ethyl-4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	3.99 ug/L	794791	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

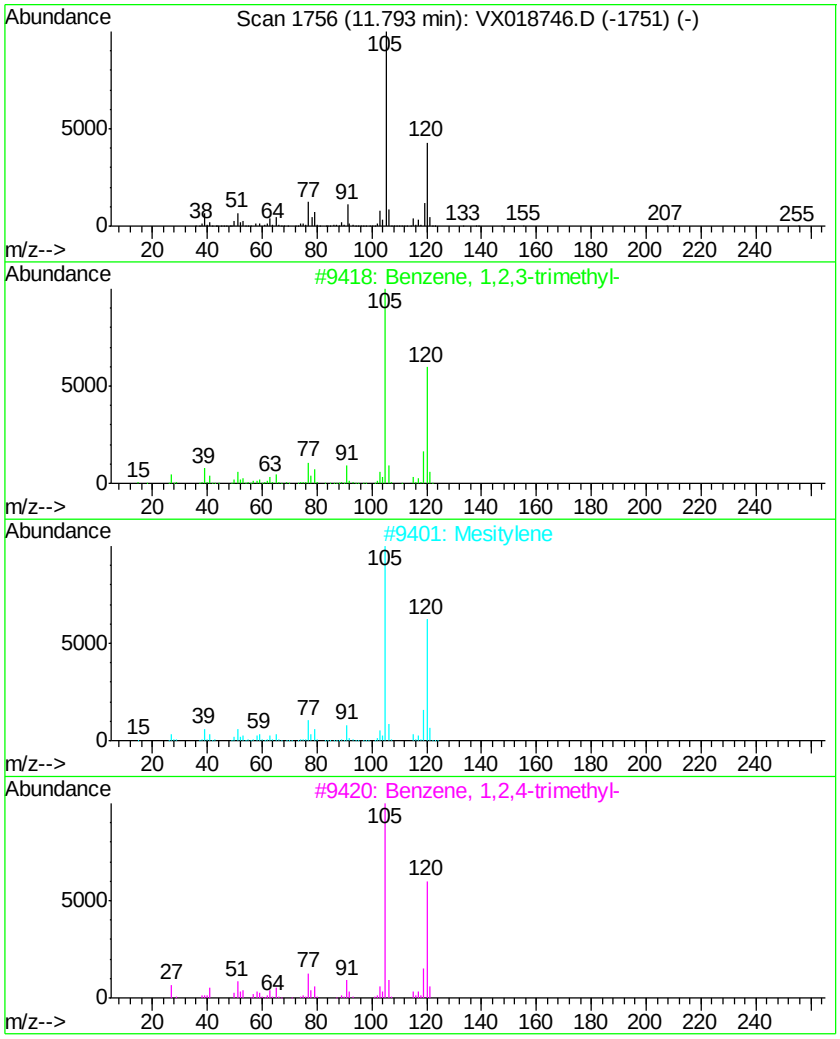
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

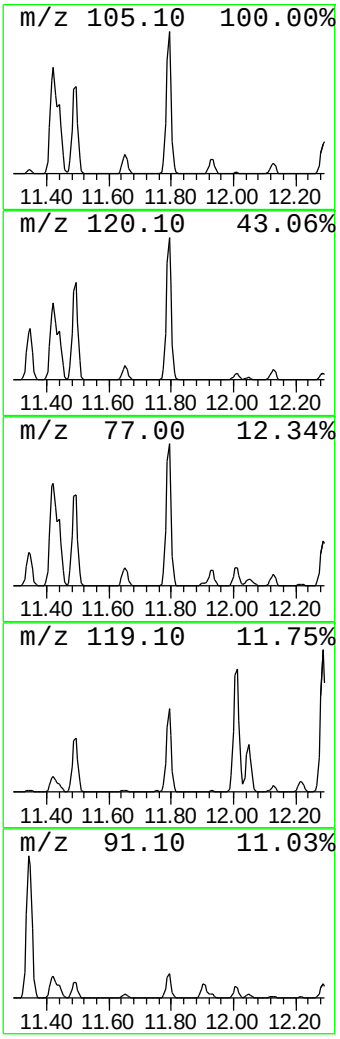
****

Peak Number 13 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	29.61 ug/L	5891410	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

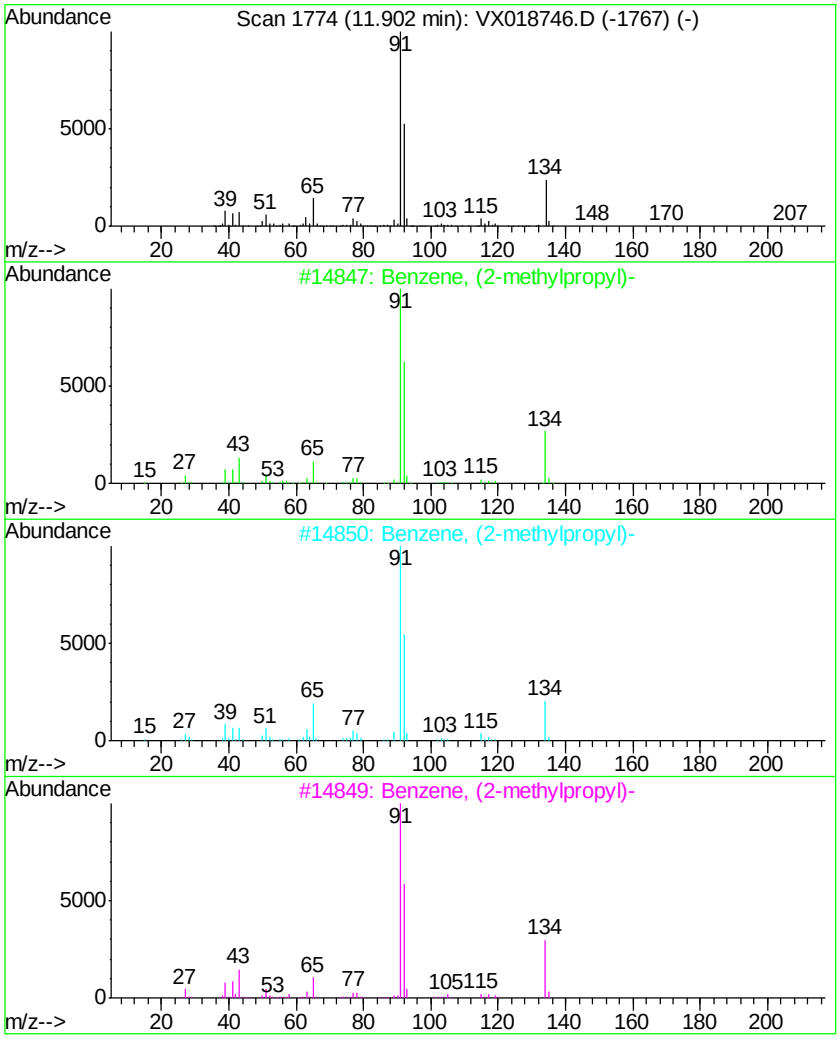
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

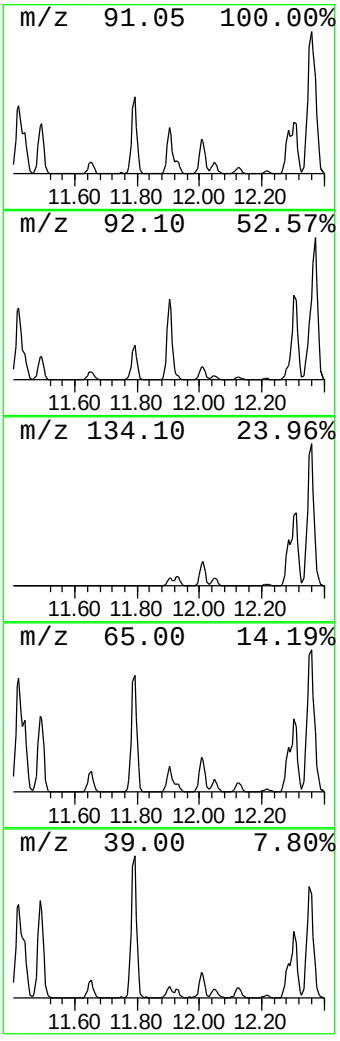
****

Peak Number 14 Benzene, (2-methylpropyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.14 ug/L	425417	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	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
4	Benzene, butyl-	134	C10H14	000104-51-8	80
5	Benzene, butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

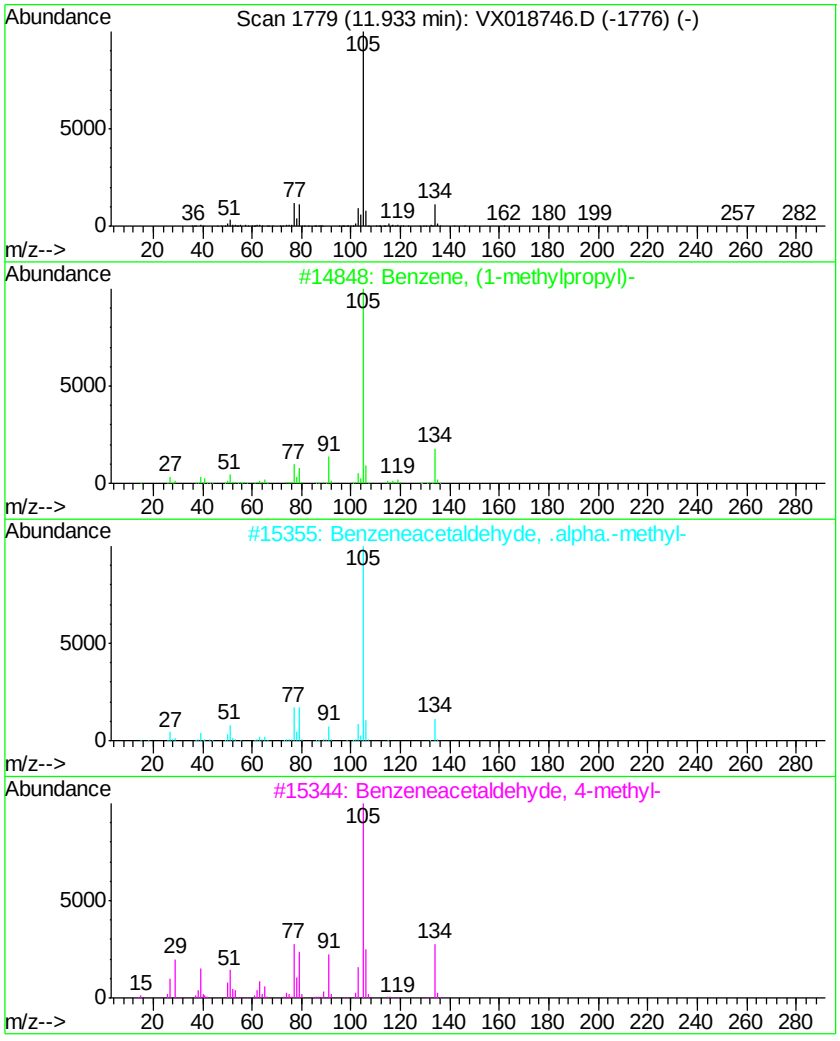
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

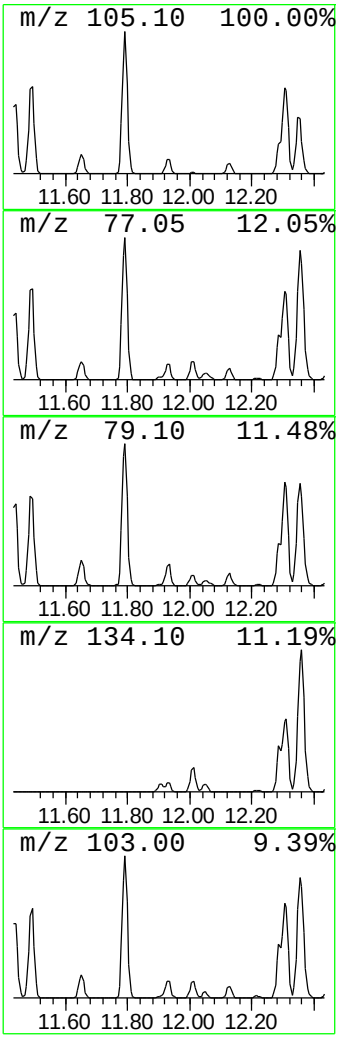
****

Peak Number 15 Benzene, (1-methylpropyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.64 ug/L	525437	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	78
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
3	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	72
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72
5	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

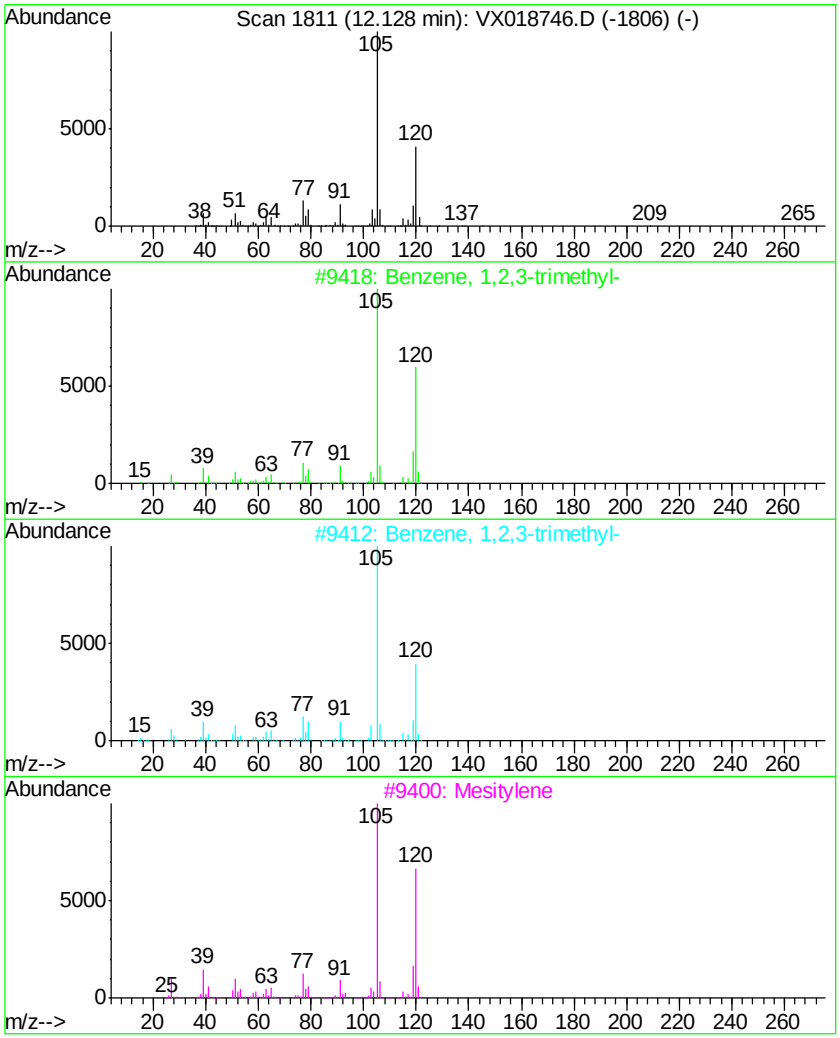
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

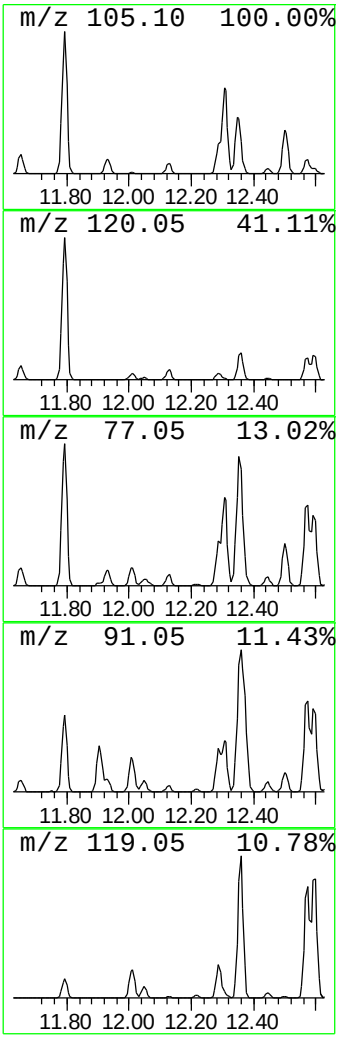
****

Peak Number 16 Mesitylene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.36 ug/L	469111	1,4-Dichlorobenzene-d4	12.06

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

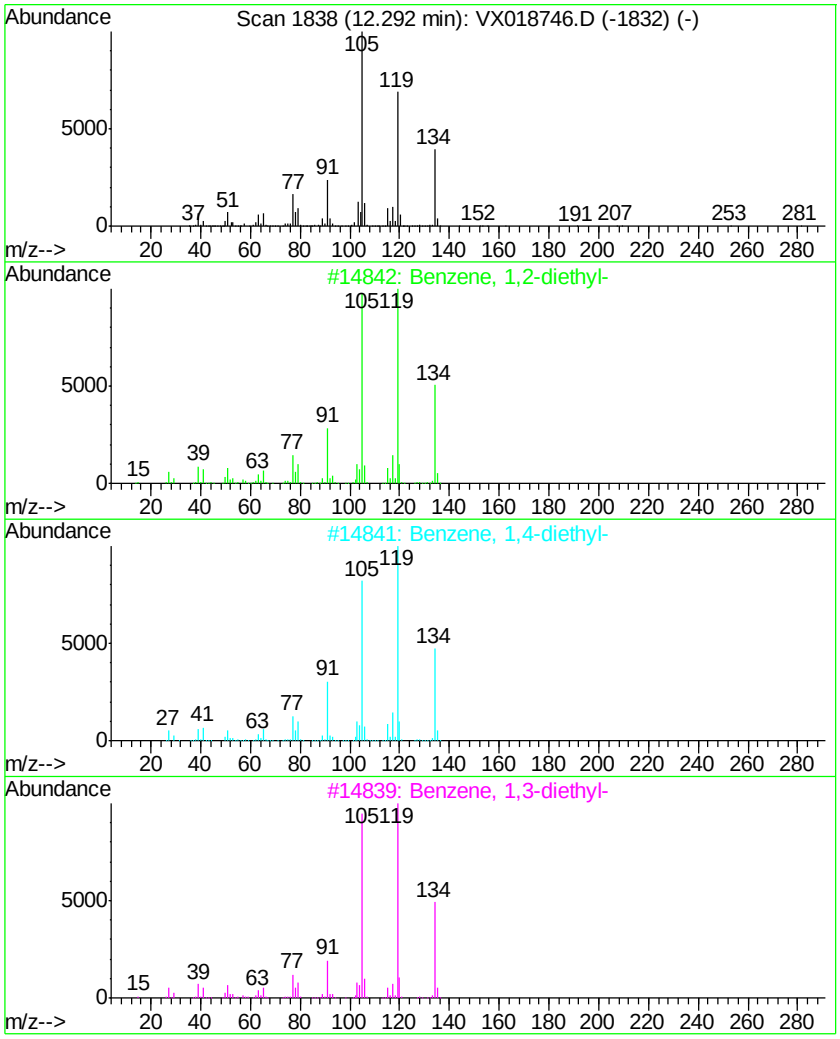
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

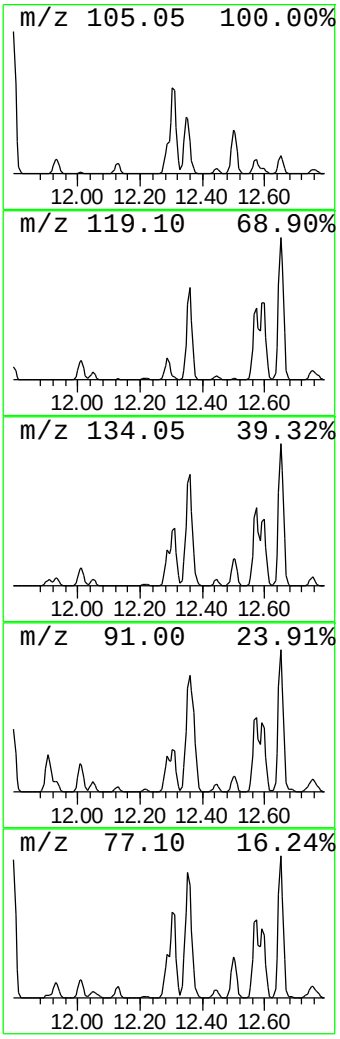
****

Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	9.76 ug/L	1942250	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	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

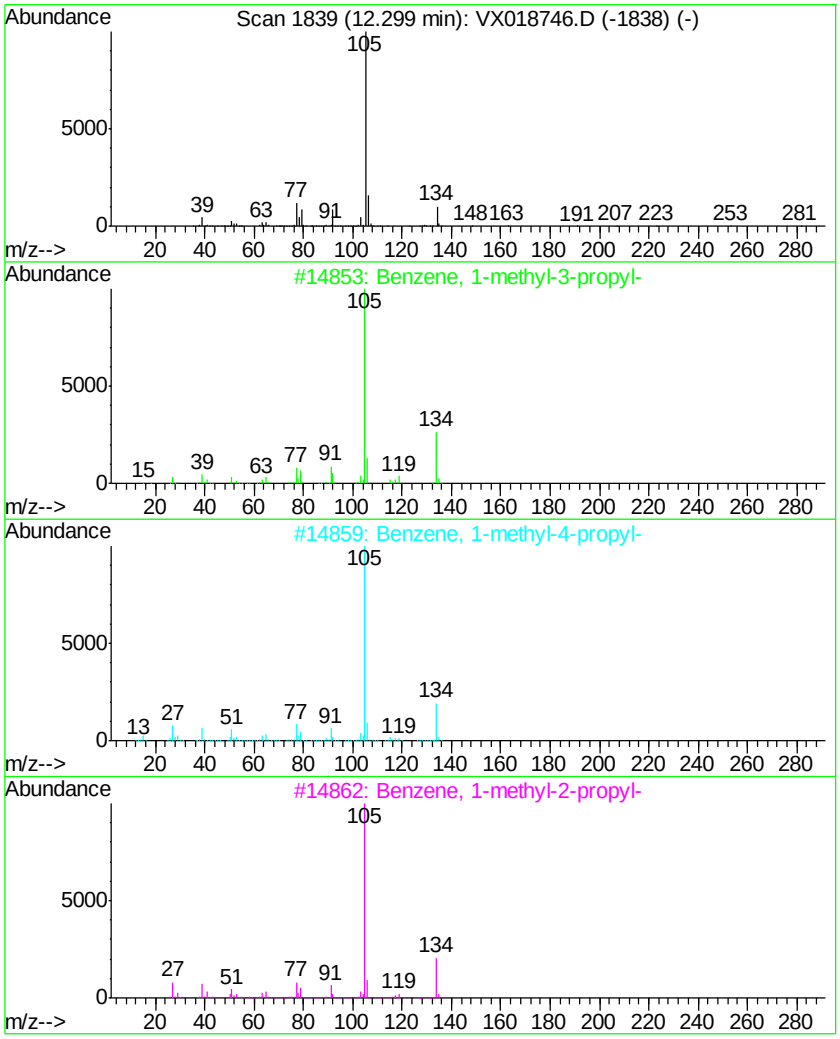
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

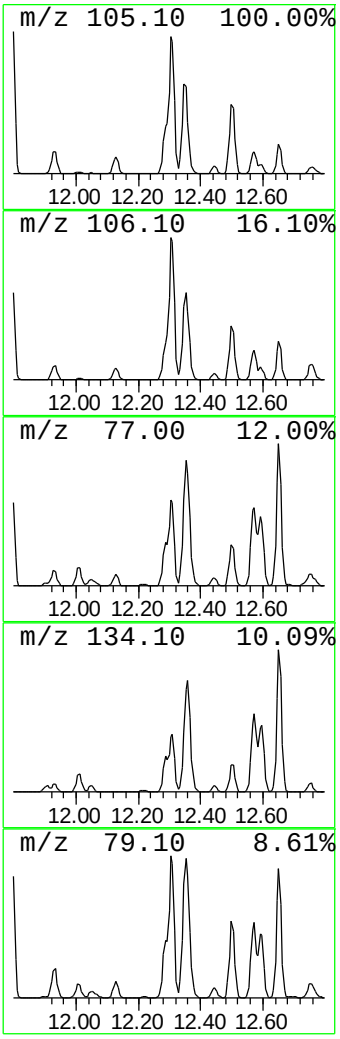
****

Peak Number 18 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	16.88 ug/L	3357930	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	87
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

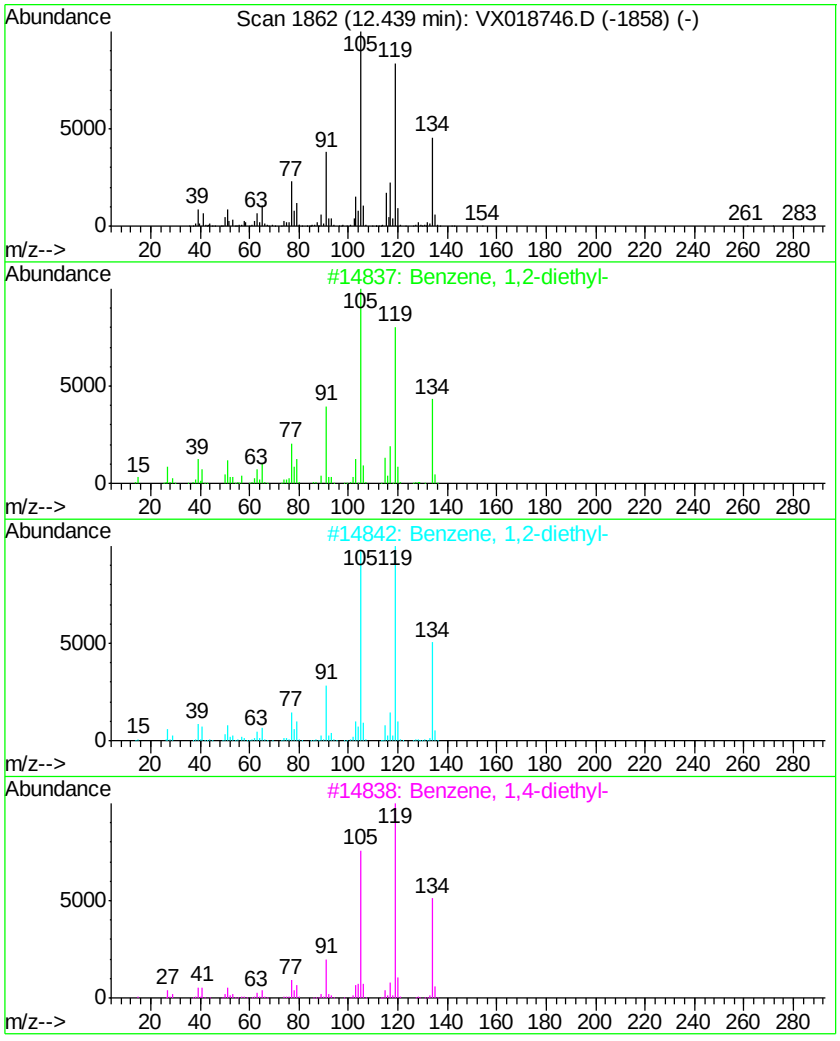
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

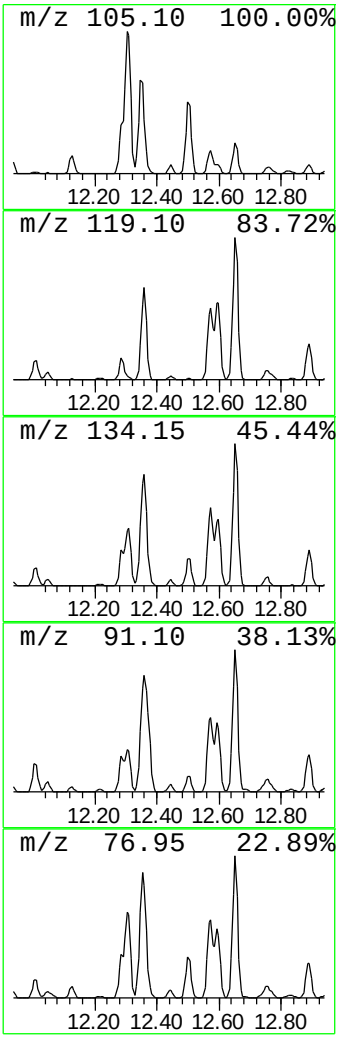
****

Peak Number 19 Benzene, 1,4-diethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.09 ug/L	415382	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	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

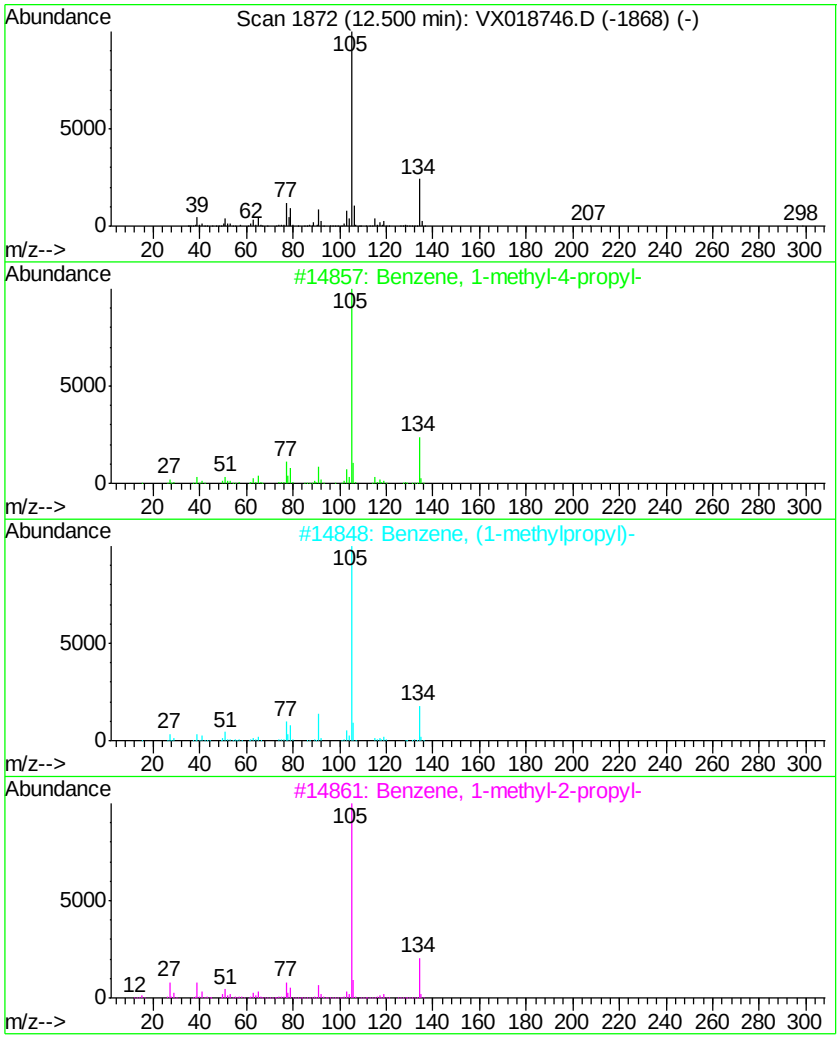
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

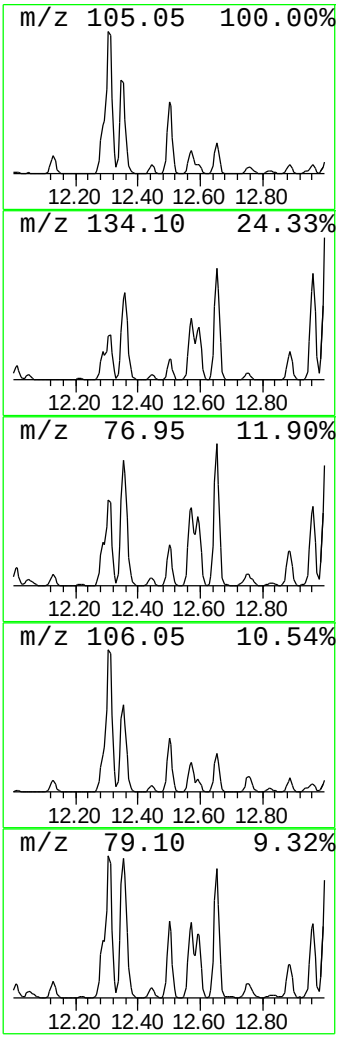
****

Peak Number 20 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	8.11 ug/L	1614100	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	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

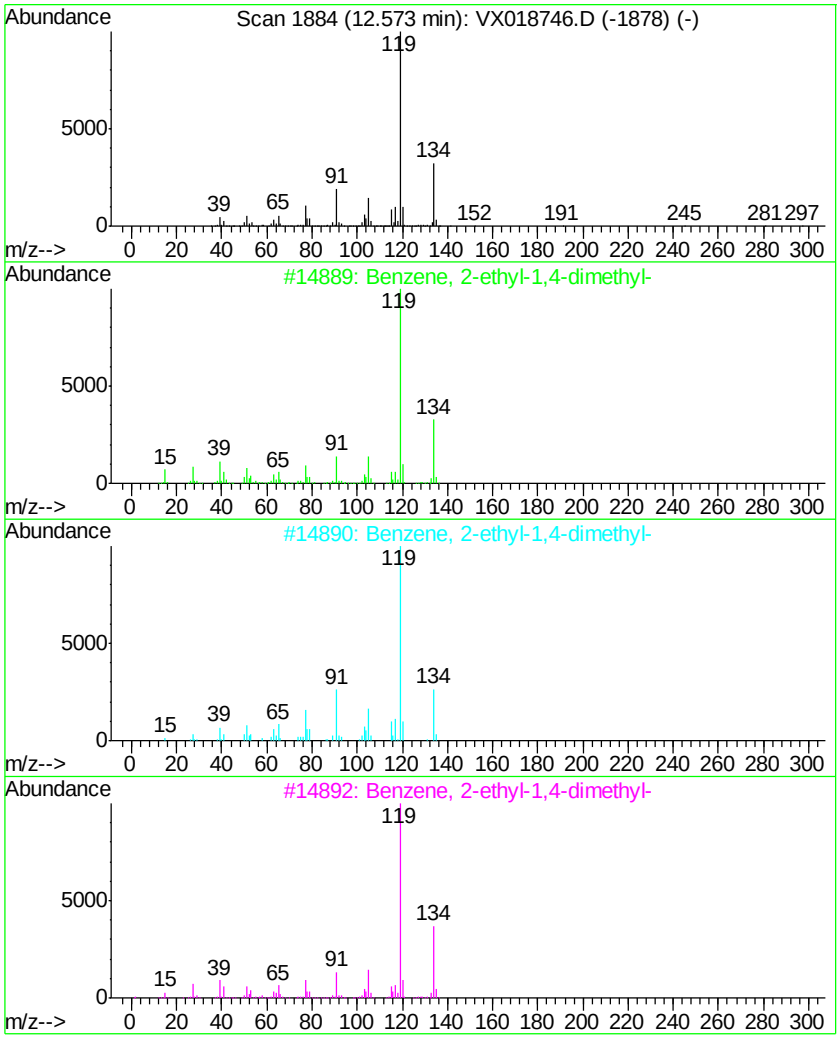
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

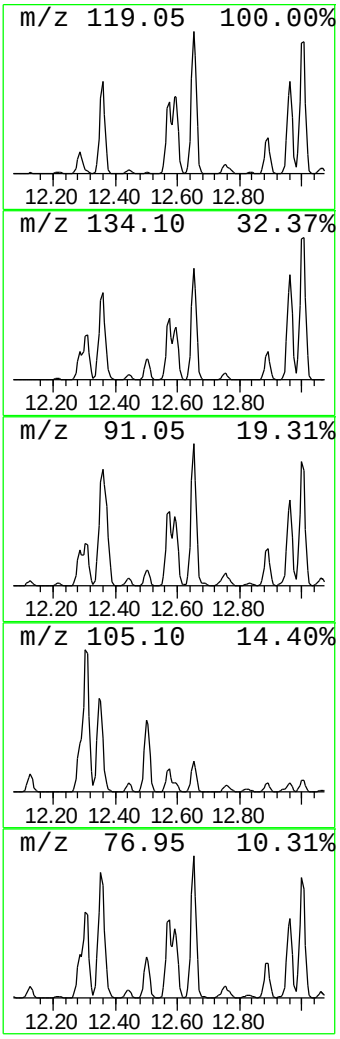
****

Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	24.82 ug/L	4937970	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\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

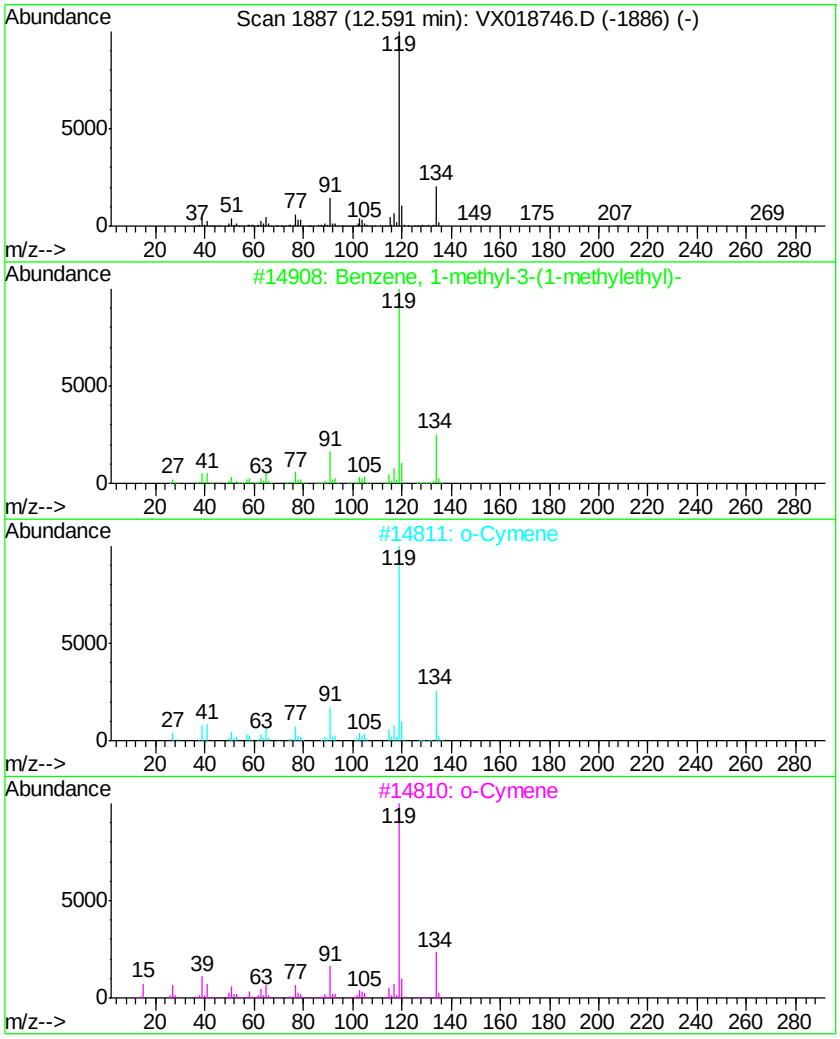
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

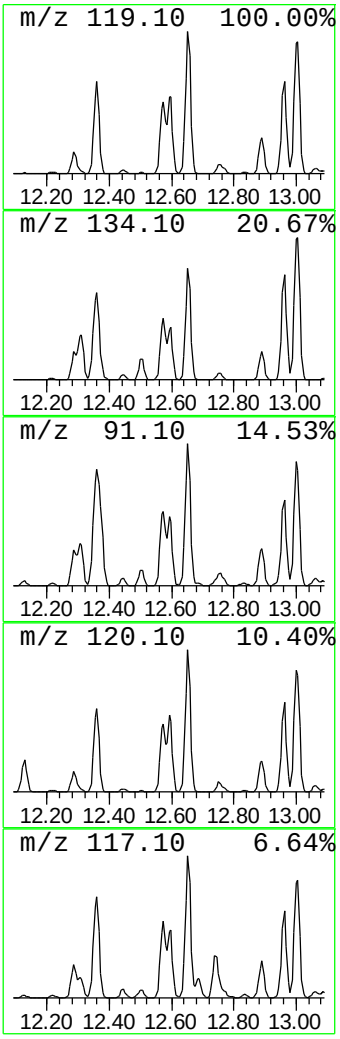
****

Peak Number 22 Benzene, 1-methyl-3-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	16.14 ug/L	3210950	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	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

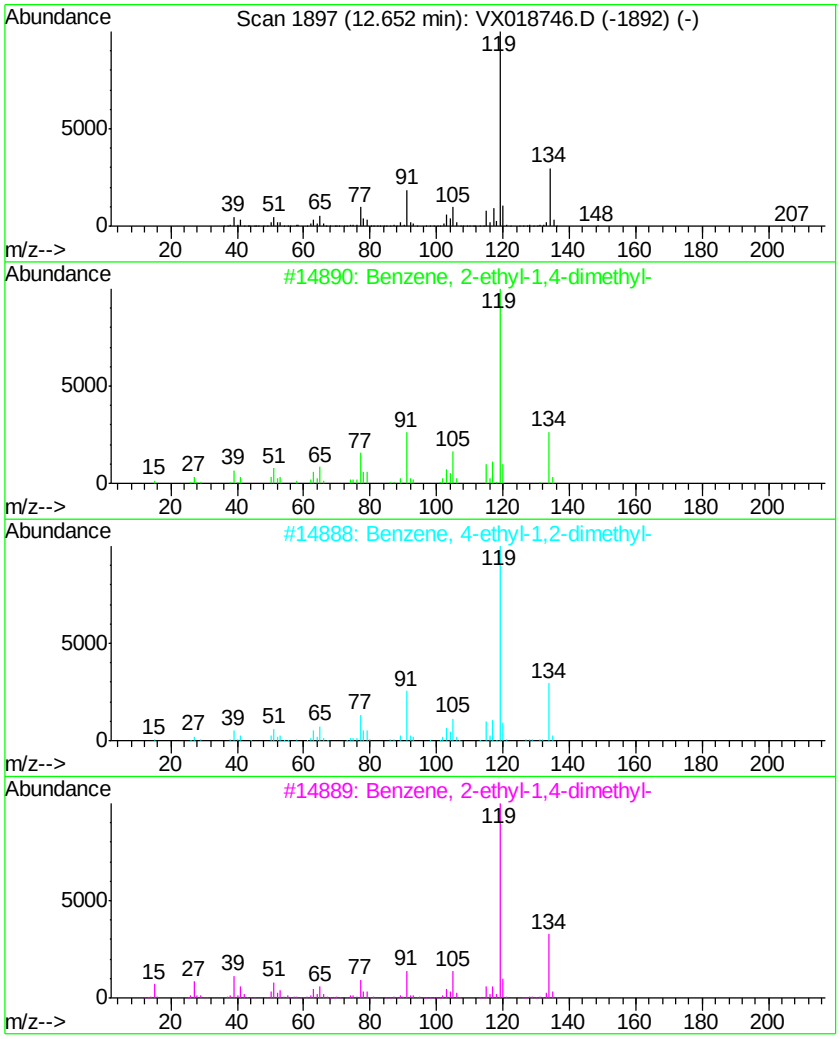
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

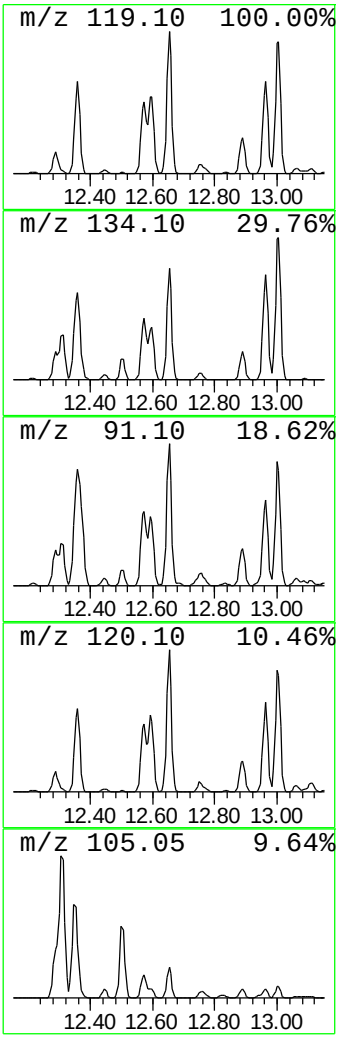
****

Peak Number 23 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	38.21 ug/L	7603050	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

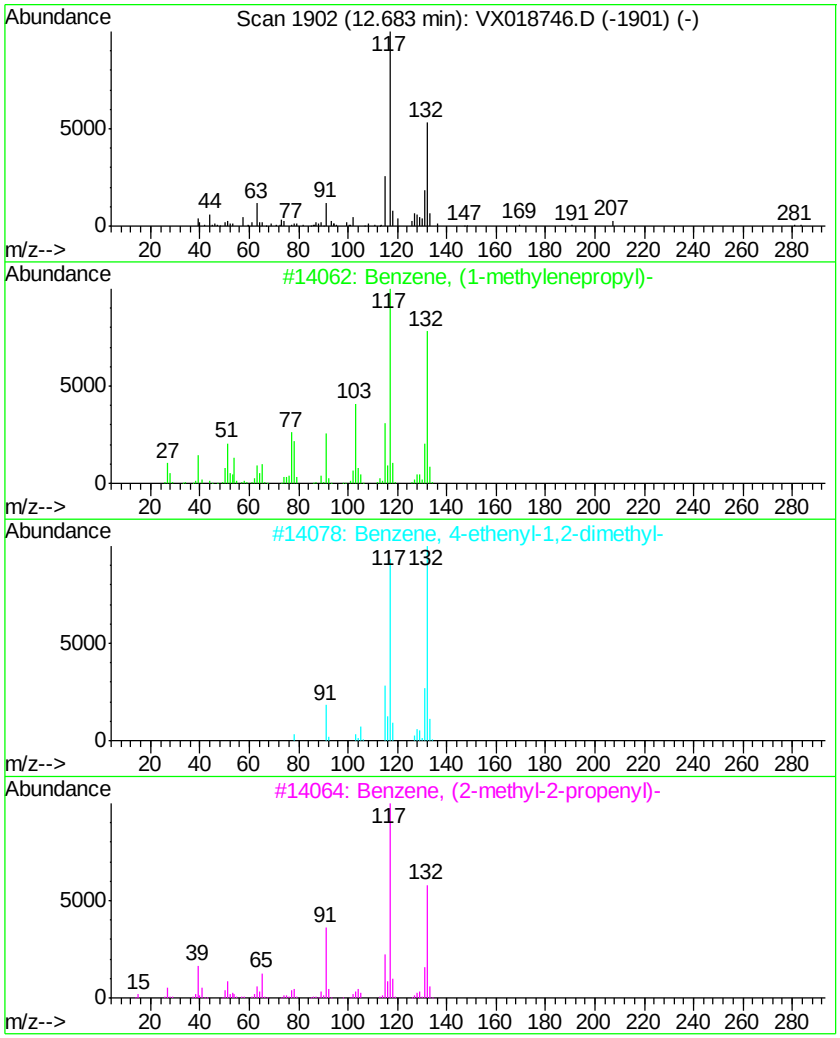
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

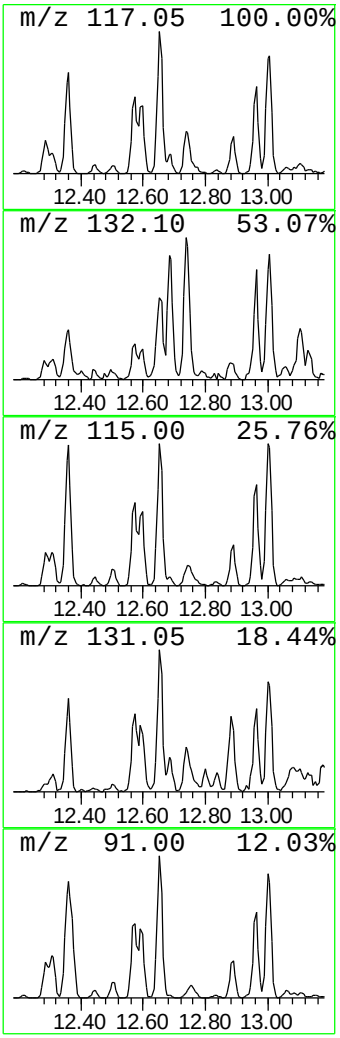
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	0.61 ug/L	120903	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylenepropyl)-	132	C10H12	002039-93-2	87
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	87
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

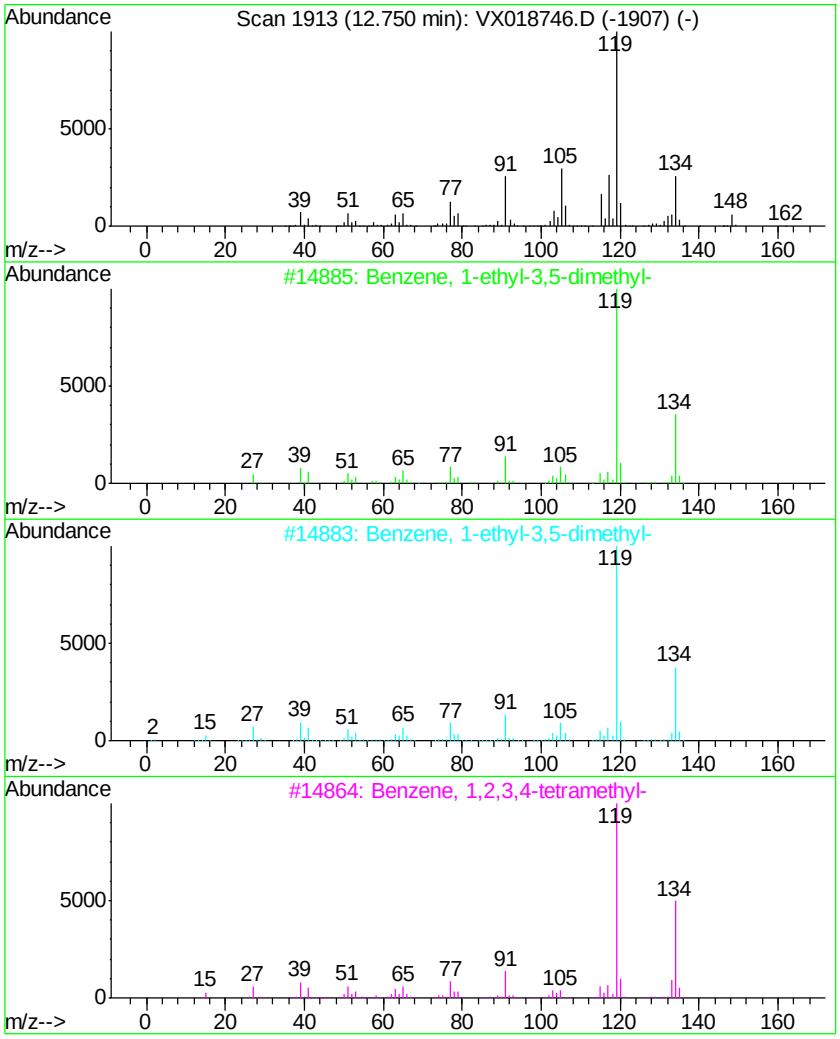
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

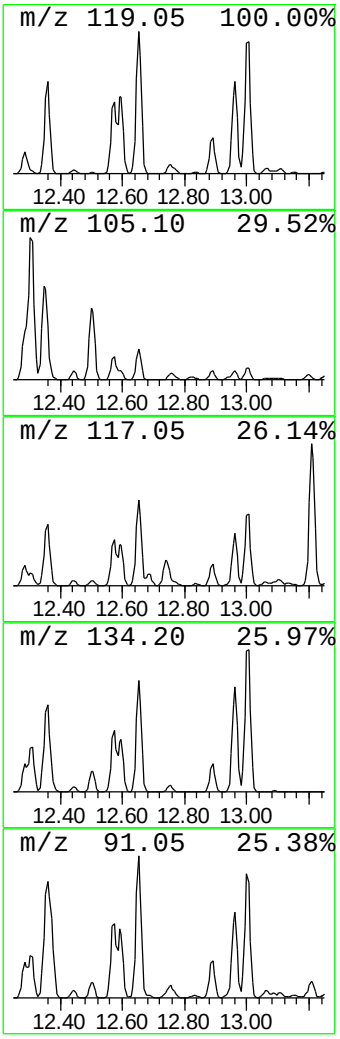
****

Peak Number 25 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	5.51 ug/L	1096800	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

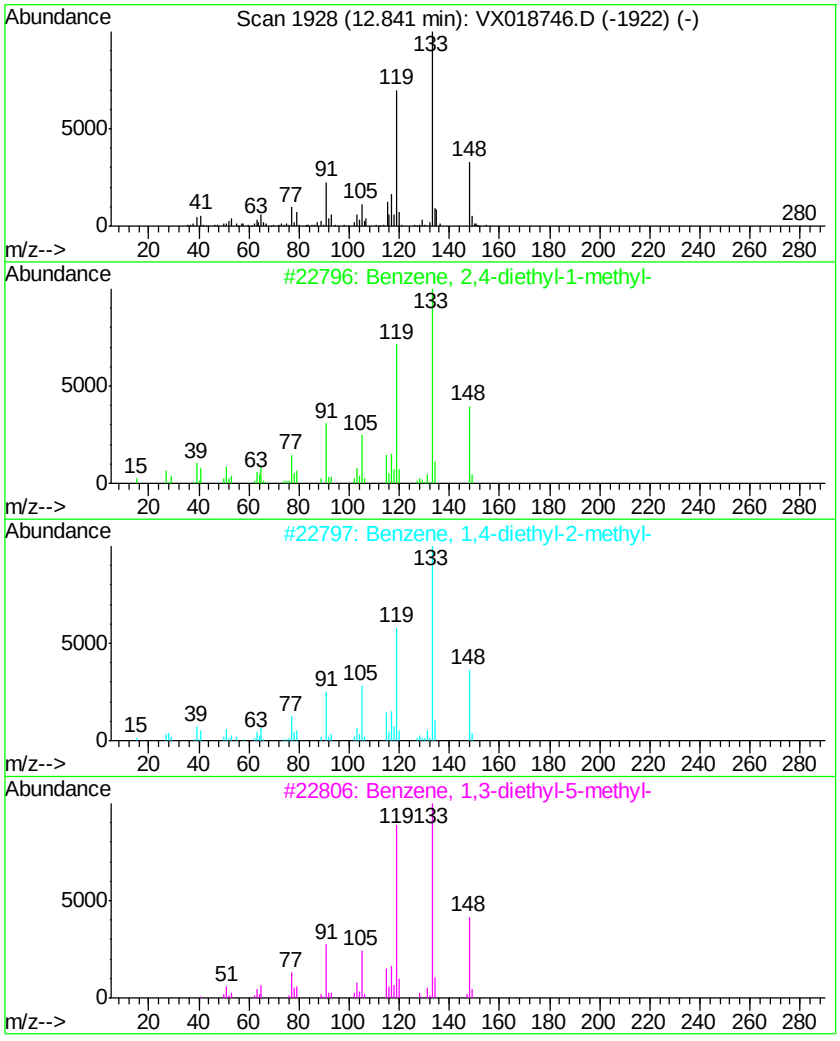
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

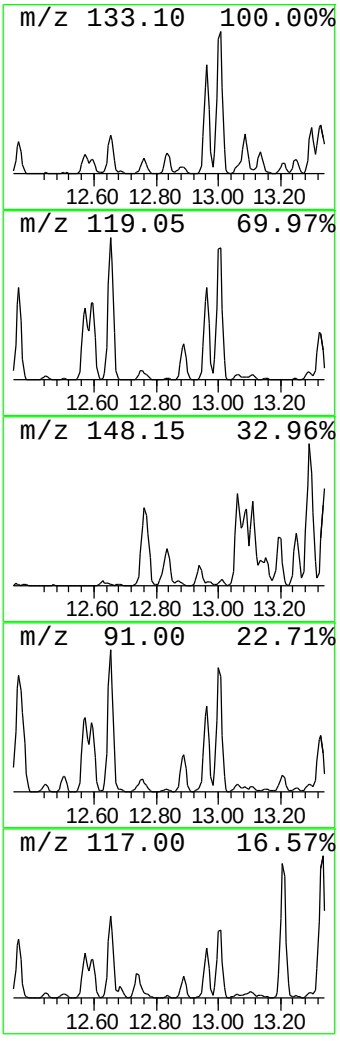
****

Peak Number 26 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	0.86 ug/L	172033	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	93
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	91
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	90
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

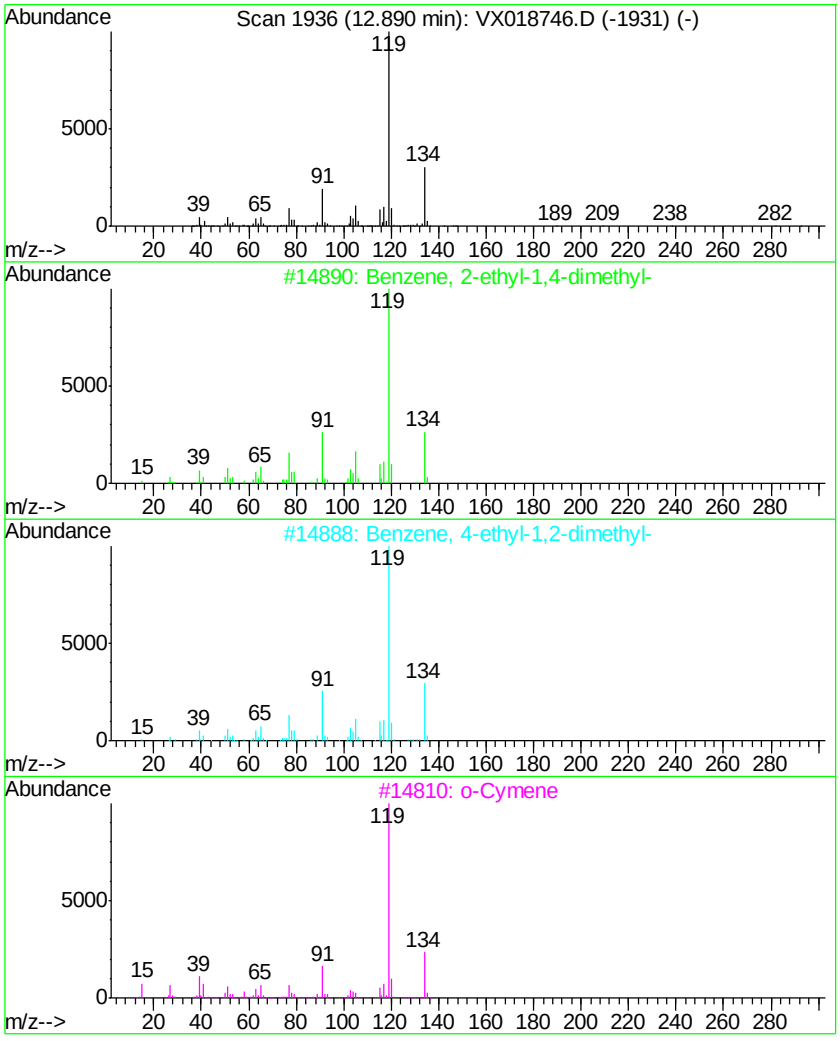
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

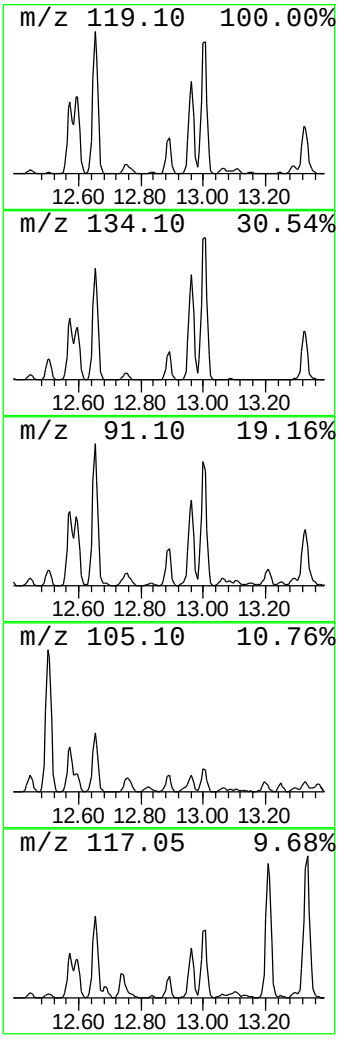
****

Peak Number 27 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	10.10 ug/L	2010110	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

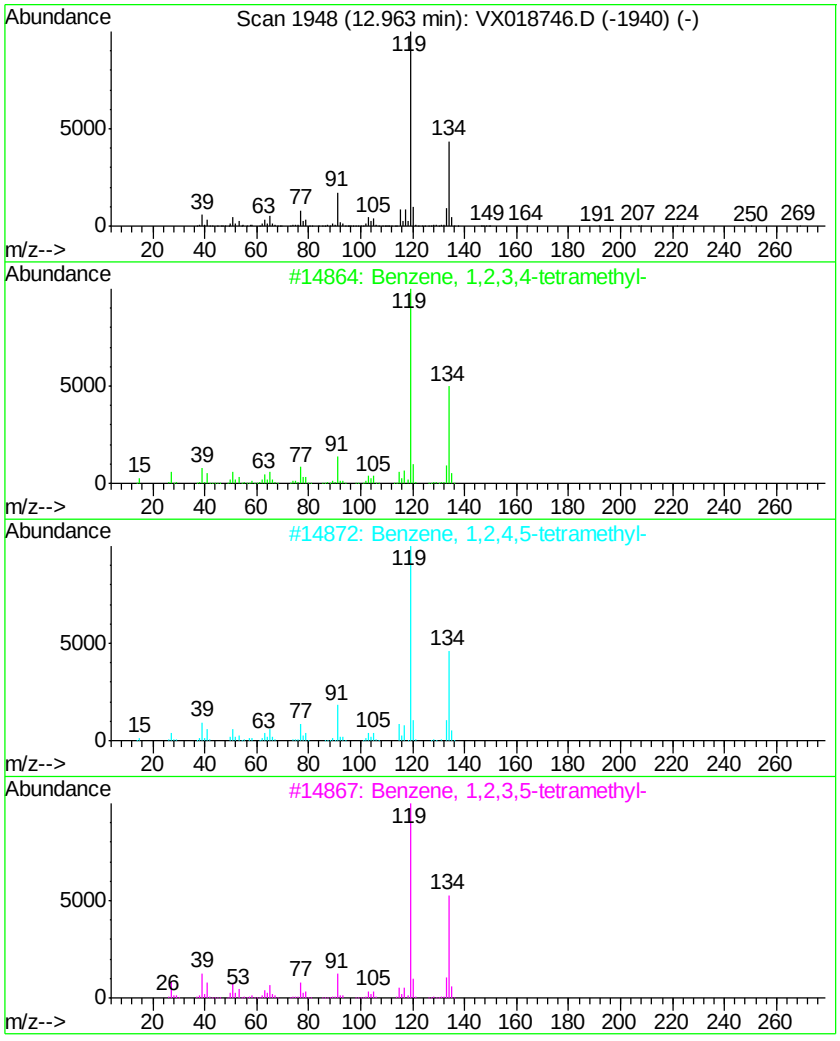
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

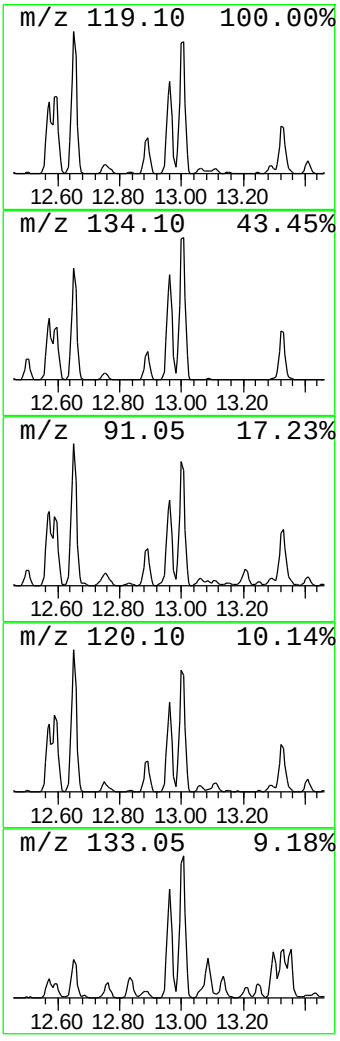
****

Peak Number 28 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	26.41 ug/L	5255370	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
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\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

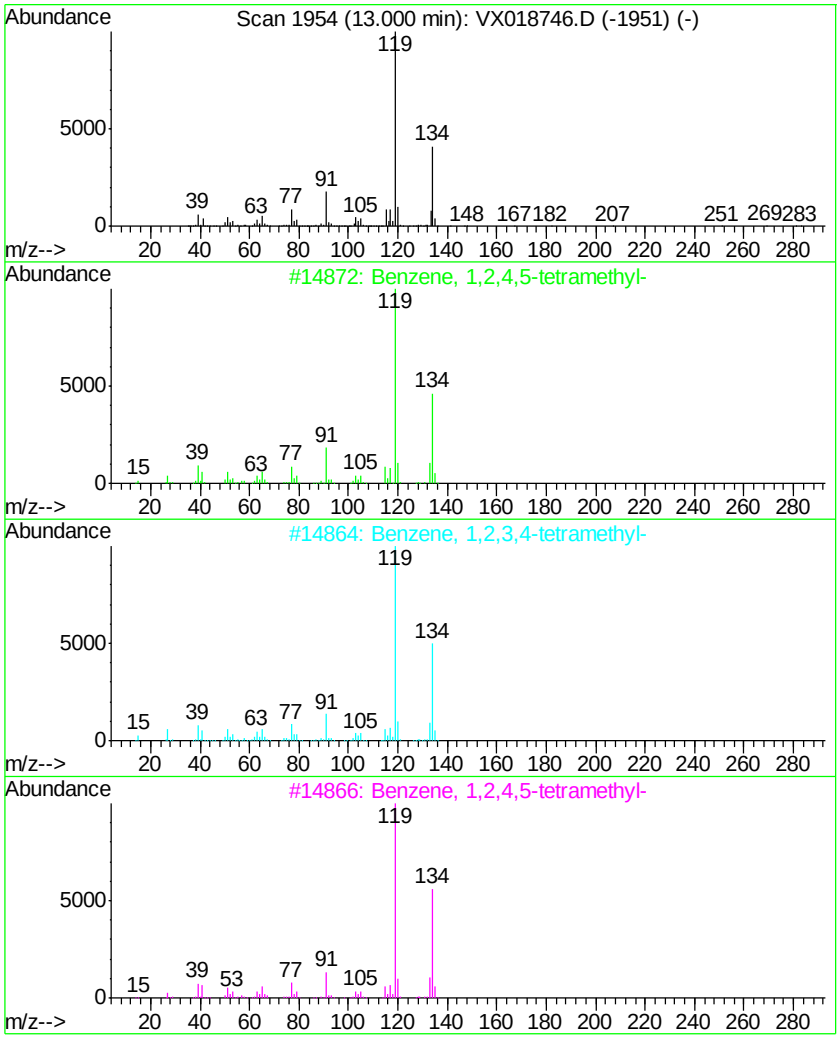
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

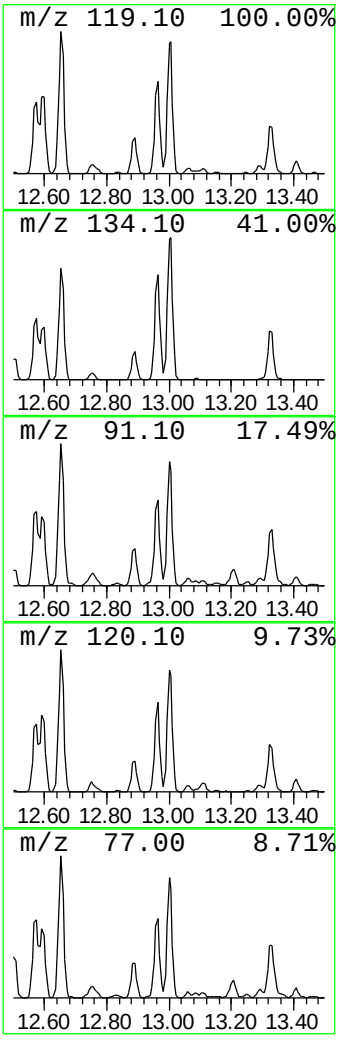
****

Peak Number 29 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	38.91 ug/L	7742180	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

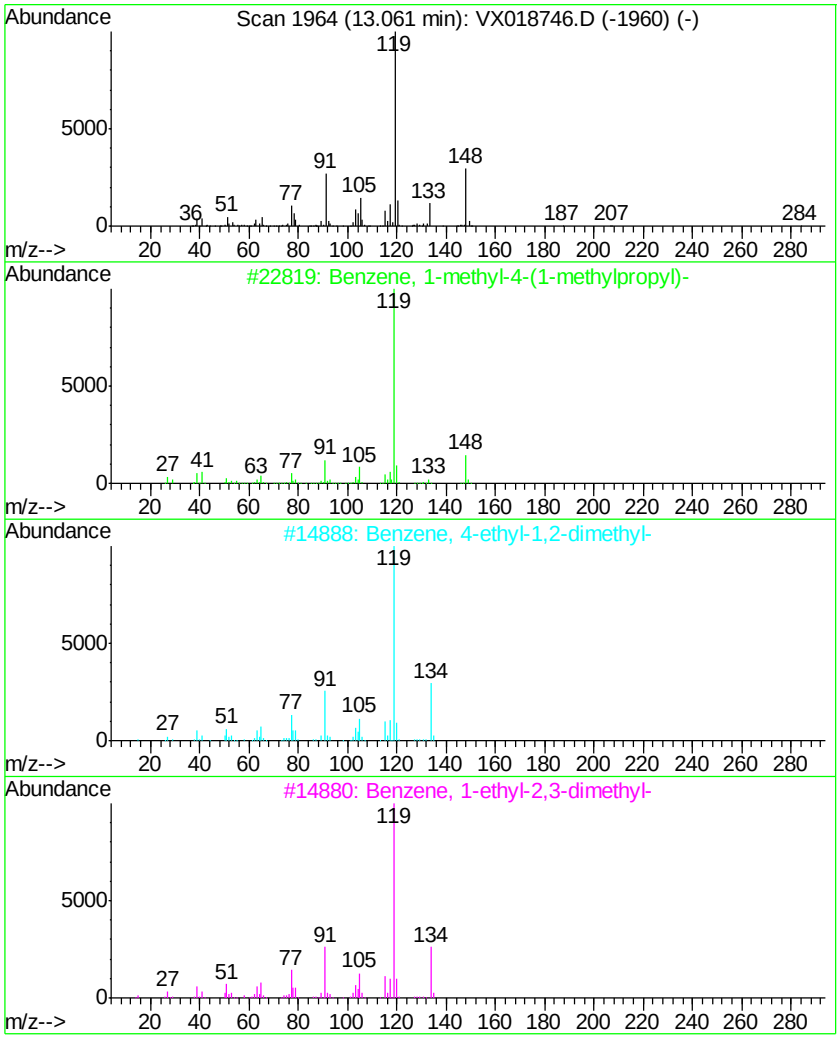
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

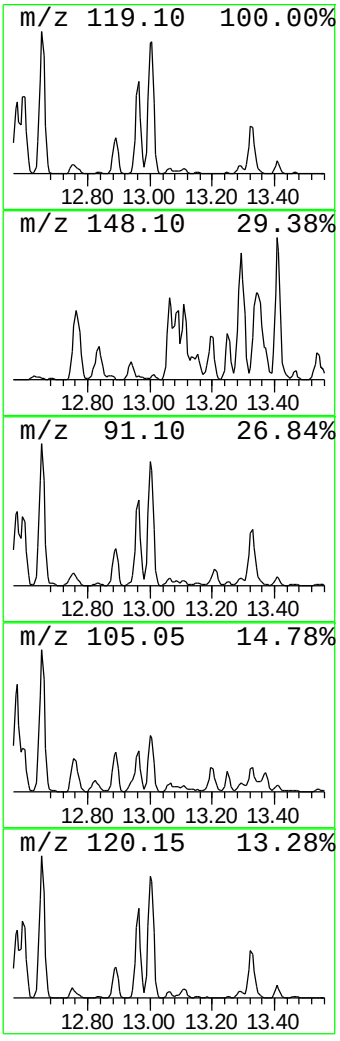
****

Peak Number 30 Benzene, 1-methyl-4-(1-meth... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	1.70 ug/L	338793	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, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

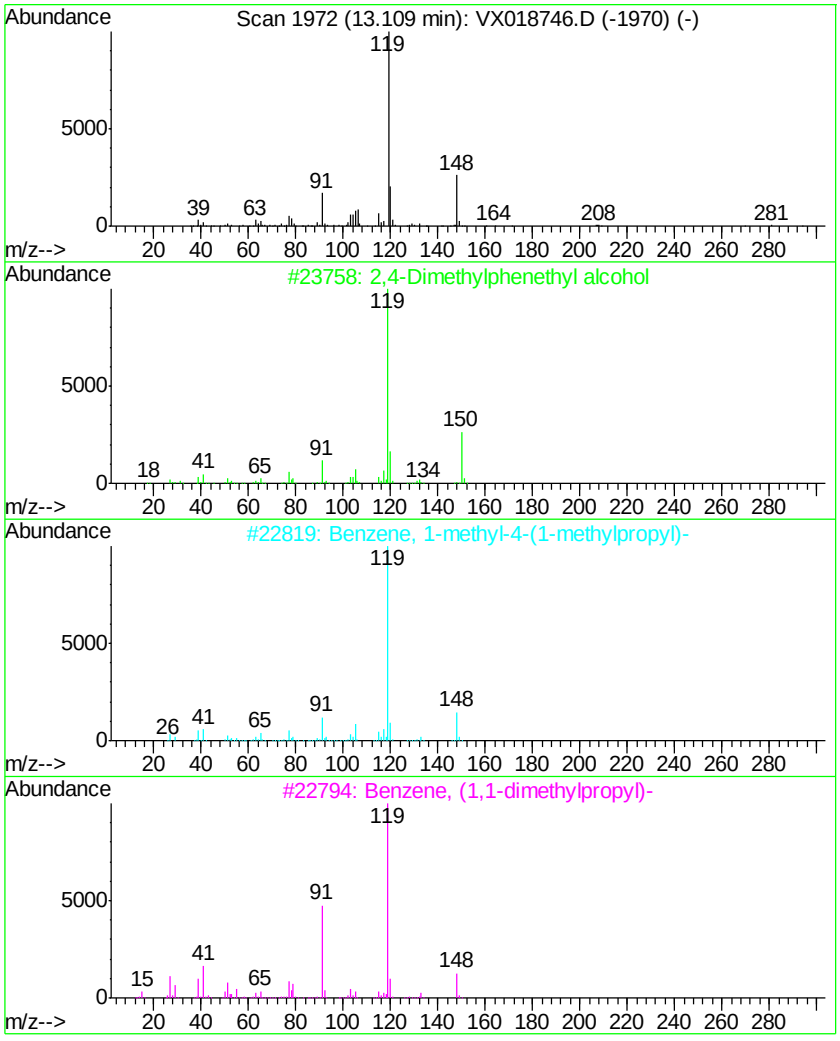
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

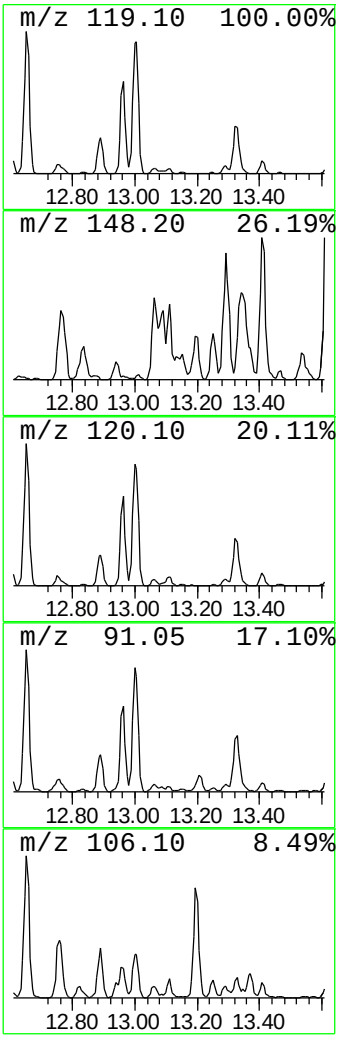
****

Peak Number 31 2,4-Dimethylphenethyl alcohol Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	0.84 ug/L	166483	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylphenethyl alcohol	150	C10H14O	006597-59-7	64
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	59
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53
5	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

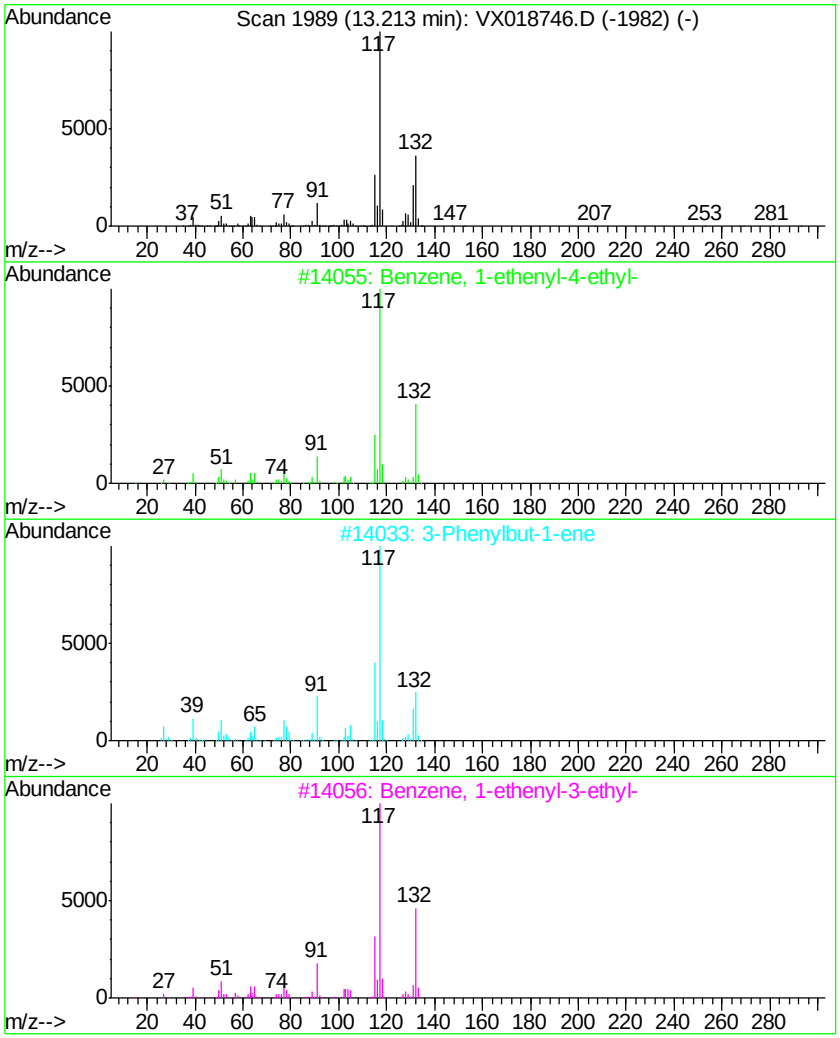
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

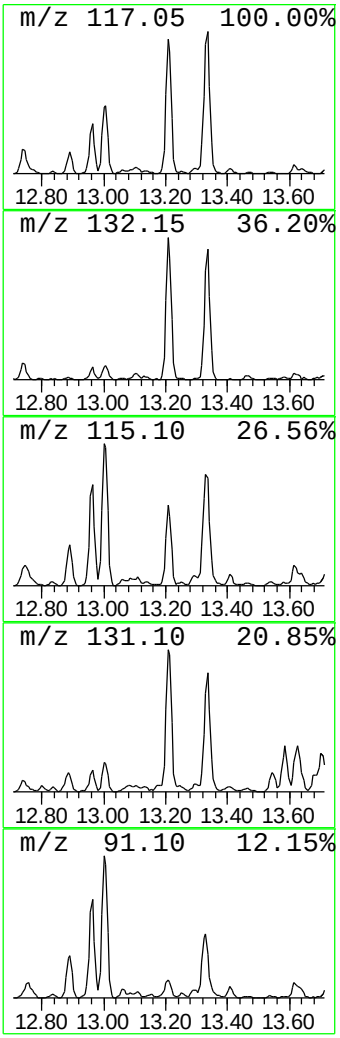
****

Peak Number 32 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	7.73 ug/L	1538810	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	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

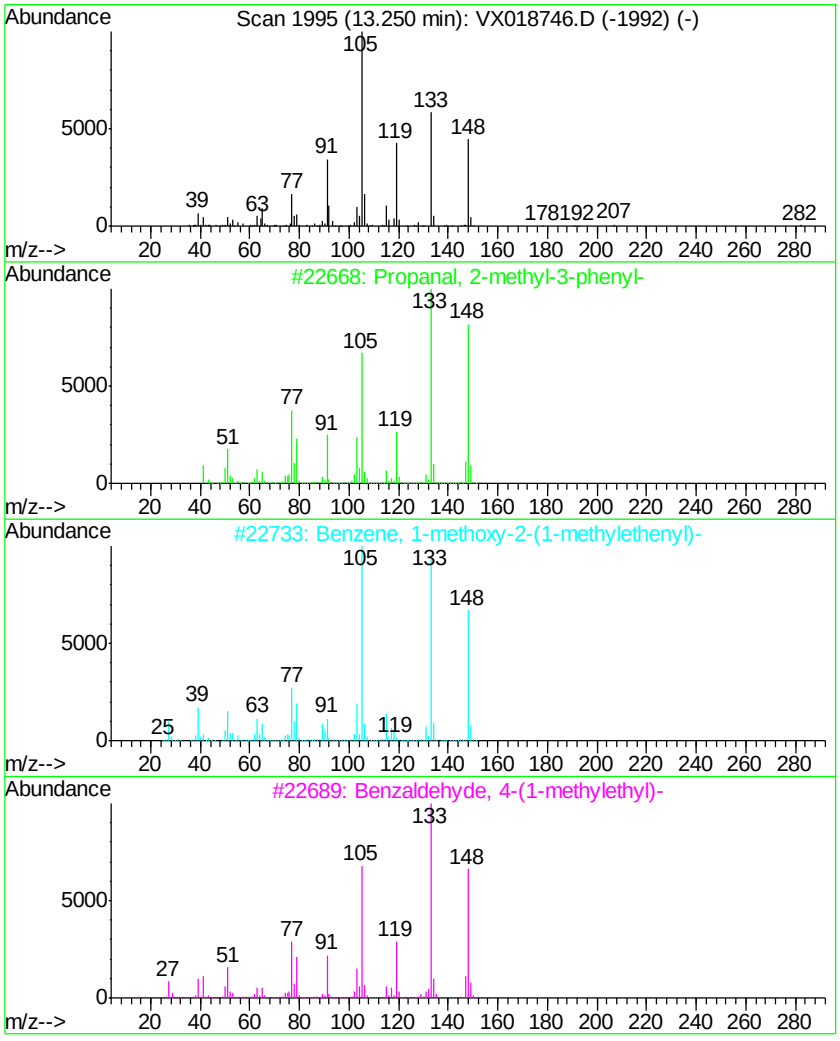
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

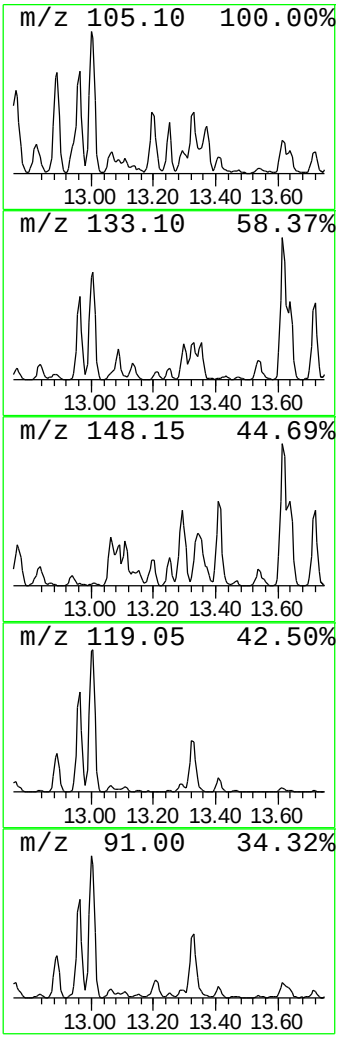
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Propanal, 2-methyl-3-phenyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	0.78 ug/L	155912	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	62
2	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	58
3	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	58
4	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	52
5	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

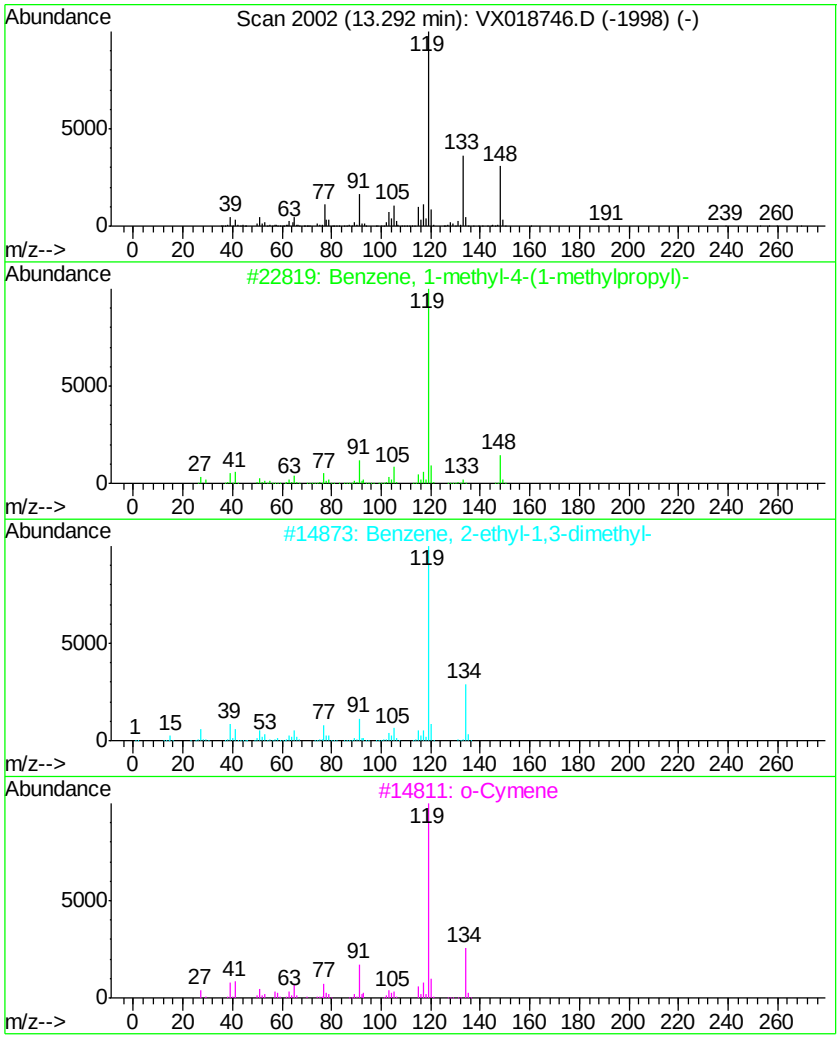
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

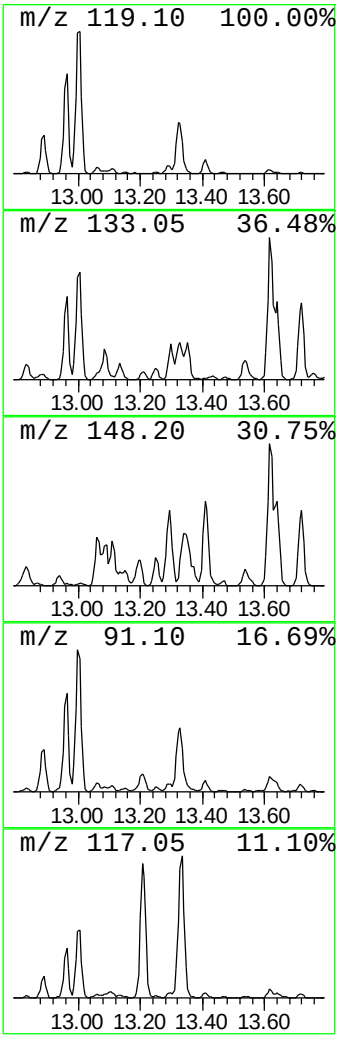
****

Peak Number 34 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.79 ug/L	555058	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	81
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	62





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

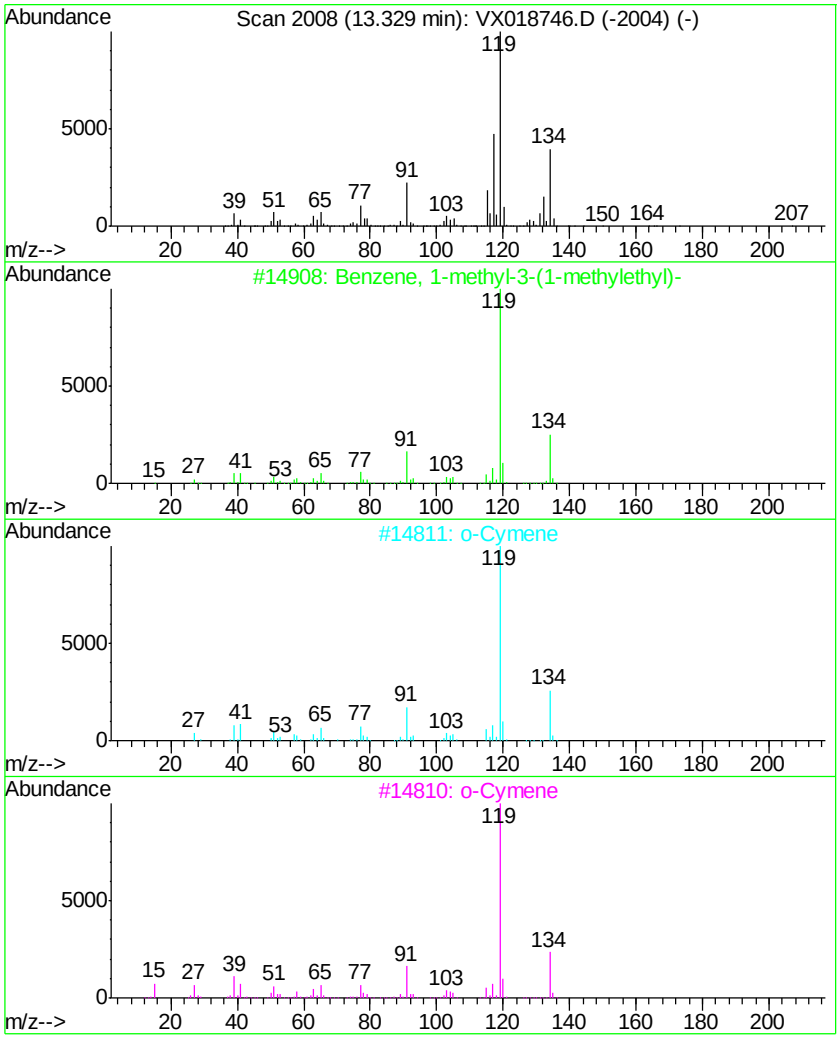
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

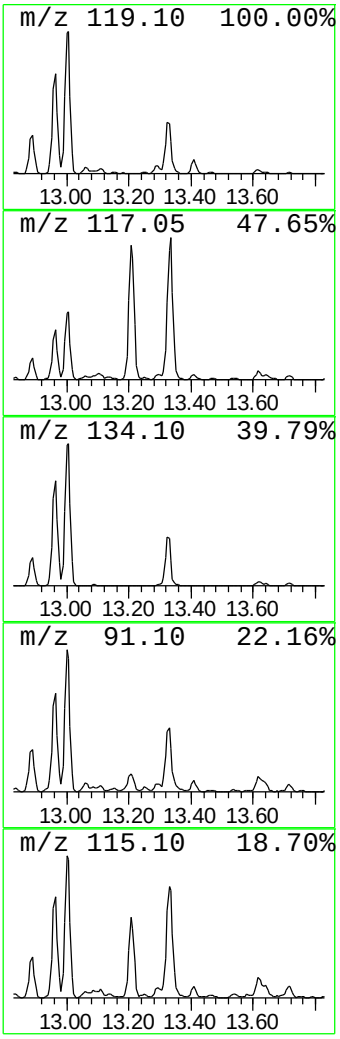
****

Peak Number 35 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	23.12 ug/L	4599680	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	70
2	o-Cymene	134	C10H14	000527-84-4	70
3	o-Cymene	134	C10H14	000527-84-4	70
4	p-Cymene	134	C10H14	000099-87-6	70
5	o-Cymene	134	C10H14	000527-84-4	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

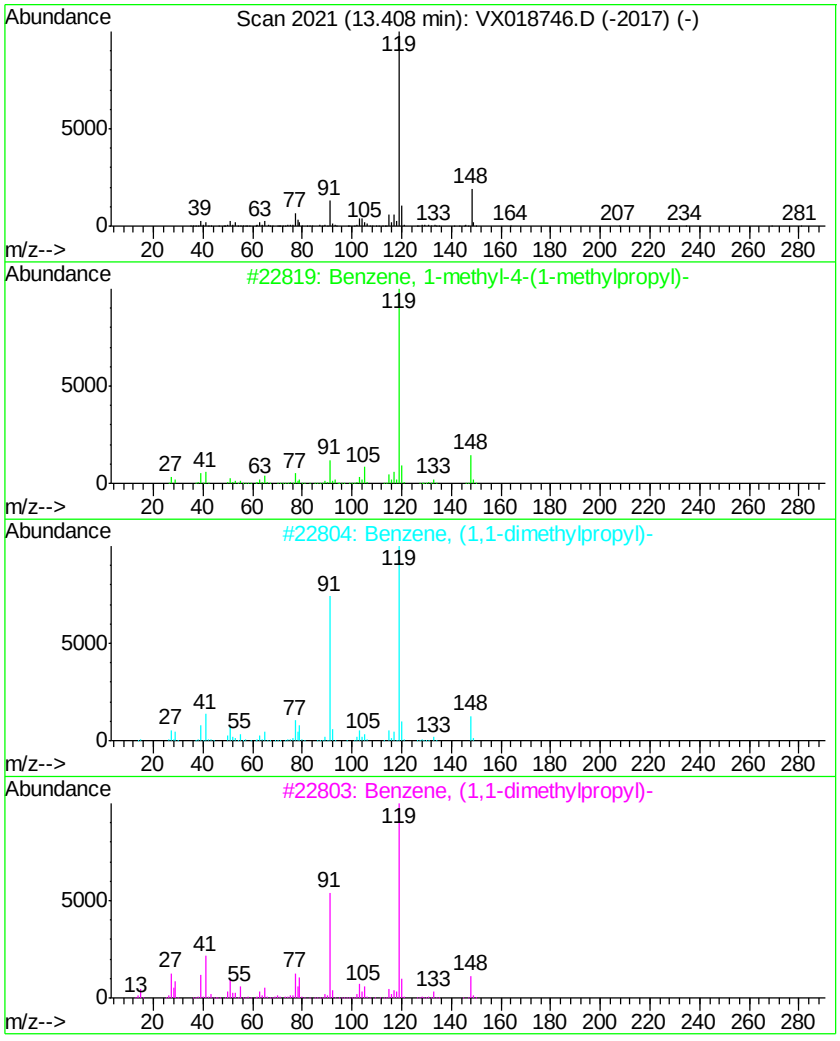
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

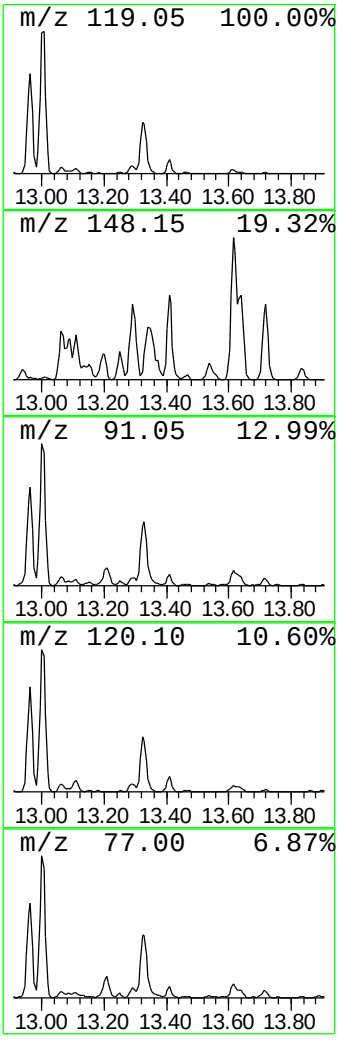
****

Peak Number 36 Benzene, (1,1-dimethylpropyl)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.65 ug/L	527466	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, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	91
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	90
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

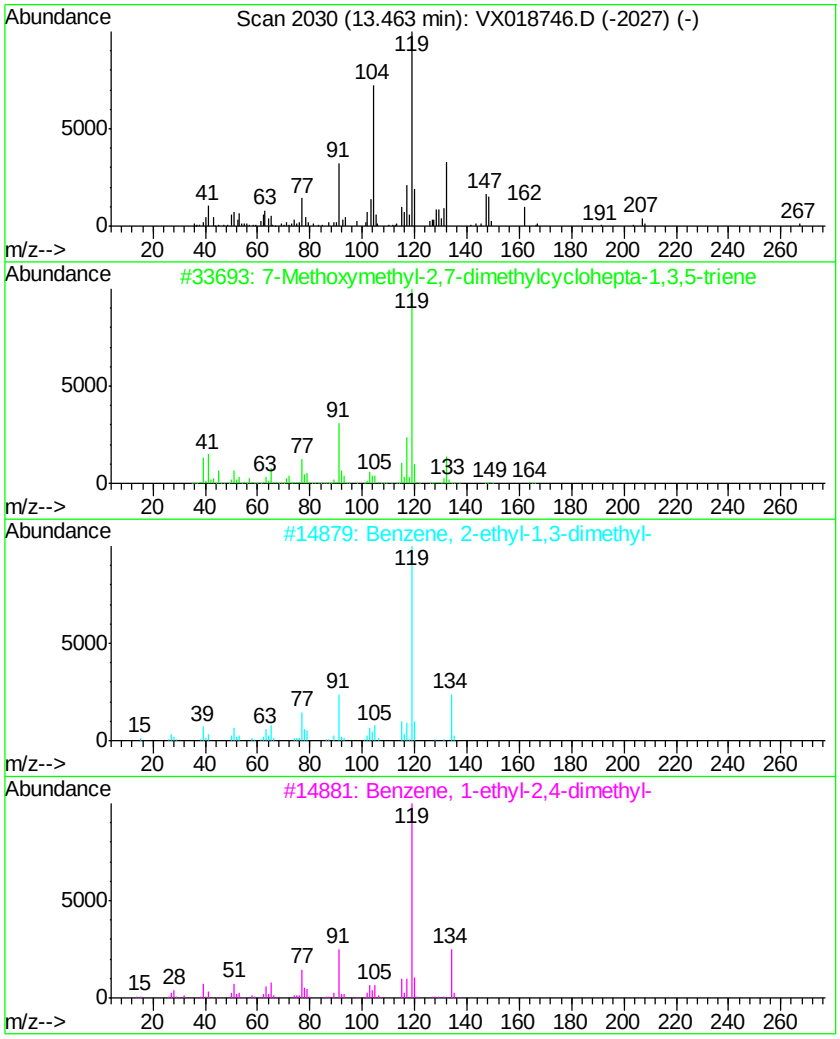
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

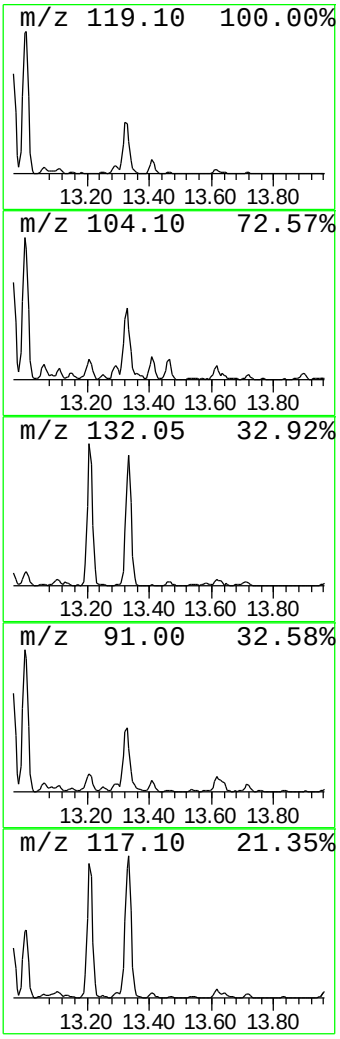
****

Peak Number 37 unknown-02 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	0.59 ug/L	117183	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	47
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
5	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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

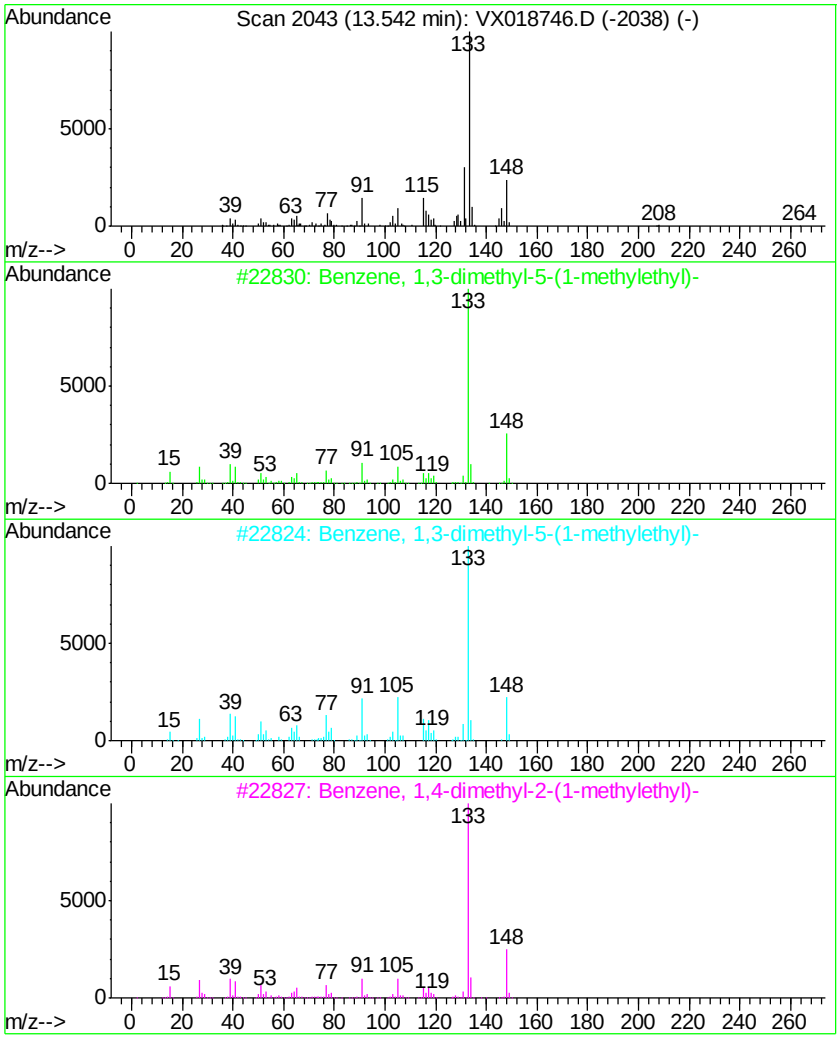
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

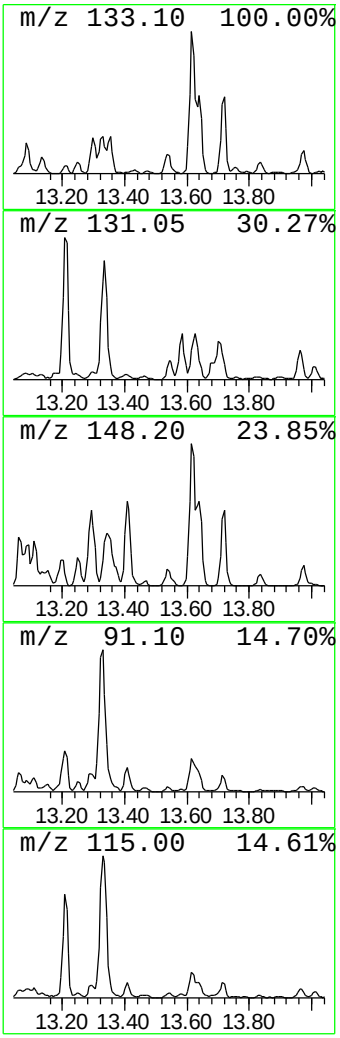
****

Peak Number 38 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	0.89 ug/L	176292	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	62
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	58
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	53
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
Data File : VX018746.D
Acq On : 02 Oct 2020 14:36
Operator : JC/SP
Sample : L4171-13DL 25X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG3W0DL

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	4.8	ug/L	438150	1	6.83	460208	5.0
(DEL) Alkane: Str...	2.87	38.0	ug/L	3502100	1	6.83	460208	5.0
(DEL) Alkane: Str...	3.15	93.8	ug/L	8631280	1	6.83	460208	5.0
(DEL) Alkane: Str...	3.50	124.1	ug/L	11421800	1	6.83	460208	5.0
(DEL) Alkane: Str...	4.12	4.2	ug/L	382902	1	6.83	460208	5.0
(DEL) Alkane: Str...	4.28	3.0	ug/L	276913	1	6.83	460208	5.0
(DEL) Alkane: Cyc...	4.37	6.9	ug/L	634695	1	6.83	460208	5.0
Benzene, propyl-	11.34	15.5	ug/L	3089910	3	12.06	994803	5.0
Benzene, 1-ethyl-...	11.42	32.8	ug/L	6527280	3	12.06	994803	5.0
Benzene, 1,2,3-tr...	11.49	20.3	ug/L	4031480	3	12.06	994803	5.0
Benzene, 1-ethyl-...	11.65	4.0	ug/L	794791	3	12.06	994803	5.0
Benzene, 1,2,4-tr...	11.79	29.6	ug/L	5891410	3	12.06	994803	5.0
Benzene, (2-methy...	11.90	2.1	ug/L	425417	3	12.06	994803	5.0
Benzene, (1-methy...	11.93	2.6	ug/L	525437	3	12.06	994803	5.0
Mesitylene	12.13	2.4	ug/L	469111	3	12.06	994803	5.0
Benzene, 1,2-diet...	12.29	9.8	ug/L	1942250	3	12.06	994803	5.0
Benzene, 1-methyl...	12.30	16.9	ug/L	3357930	3	12.06	994803	5.0
Benzene, 1,4-diet...	12.44	2.1	ug/L	415382	3	12.06	994803	5.0
Benzene, 1-methyl...	12.50	8.1	ug/L	1614100	3	12.06	994803	5.0
Benzene, 2-ethyl-...	12.57	24.8	ug/L	4937970	3	12.06	994803	5.0
Benzene, 1-methyl...	12.59	16.1	ug/L	3210950	3	12.06	994803	5.0
Benzene, 4-ethyl-...	12.65	38.2	ug/L	7603050	3	12.06	994803	5.0
Benzene, (1-methy...	12.68	0.6	ug/L	120903	3	12.06	994803	5.0
Benzene, 1-ethyl-...	12.75	5.5	ug/L	1096800	3	12.06	994803	5.0
Benzene, 2,4-diet...	12.84	0.9	ug/L	172033	3	12.06	994803	5.0
o-Cymene	12.89	10.1	ug/L	2010110	3	12.06	994803	5.0
Benzene, 1,2,3,4-...	12.96	26.4	ug/L	5255370	3	12.06	994803	5.0
Benzene, 1,2,4,5-...	13.00	38.9	ug/L	7742180	3	12.06	994803	5.0
Benzene, 1-methyl...	13.06	1.7	ug/L	338793	3	12.06	994803	5.0
2,4-Dimethylphene...	13.11	0.8	ug/L	166483	3	12.06	994803	5.0
Benzene, 1-etheny...	13.21	7.7	ug/L	1538810	3	12.06	994803	5.0
Propanal, 2-methy...	13.25	0.8	ug/L	155912	3	12.06	994803	5.0
Benzene, 2-ethyl-...	13.29	2.8	ug/L	555058	3	12.06	994803	5.0
unknown-01	13.33	23.1	ug/L	4599680	3	12.06	994803	5.0
Benzene, (1,1-dim...	13.41	2.6	ug/L	527466	3	12.06	994803	5.0
unknown-02	13.46	0.6	ug/L	117183	3	12.06	994803	5.0
Benzene, 1,3-dime...	13.54	0.9	ug/L	176292	3	12.06	994803	5.0