LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020738.D
Acq On : 25 Jan 2021 20:30
Operator : JC/SP
Sample : M1192-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41046

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 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\82X012521W.M
Title : SW846 8260

Signal : TIC: VX020738.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.471	59	63	73	rBV	391774	448700	1.67%	0.393%
2	2.136	158	172	175	rBV	10831365	26855392	100.00%	23.504%
3	5.464	706	718	726	rBV	201557	585503	2.18%	0.512%
4	5.629	736	745	768	rVB	345410	1027887	3.83%	0.900%
5	6.031	801	811	817	rBV	217447	574390	2.14%	0.503%
6	6.111	817	824	834	rVB	426968	1096742	4.08%	0.960%
7	6.830	932	942	951	rBV	532945	1265138	4.71%	1.107%
8	7.269	1000	1014	1032	rBV	501372	1089278	4.06%	0.953%
9	8.696	1242	1248	1253	rVB	1126424	1691725	6.30%	1.481%
10	8.763	1253	1259	1266	rBV	7660183	11690826	43.53%	10.232%
11	10.092	1472	1477	1486	rBV	1115446	1508496	5.62%	1.320%
12	10.232	1495	1500	1510	rBV	1092772	1427996	5.32%	1.250%
13	10.342	1510	1518	1524	rBV	9035348	12066497	44.93%	10.561%
14	10.683	1568	1574	1584	rVB	4468159	5793896	21.57%	5.071%
15	11.122	1640	1646	1651	rBV	931857	1200484	4.47%	1.051%
16	11.341	1673	1682	1688	rBV	214330	278621	1.04%	0.244%
17	11.415	1689	1694	1702	rVV	3420714	5814535	21.65%	5.089%
18	11.488	1702	1706	1715	rVB	1709227	2031658	7.57%	1.778%
19	11.652	1727	1733	1738	rBV	1518946	1909024	7.11%	1.671%
20	11.793	1750	1756	1761	rBV	5978889	7250688	27.00%	6.346%
21	12.006	1784	1791	1795	rBV	250450	324083	1.21%	0.284%
22	12.061	1795	1800	1805	rVB	1268673	1601623	5.96%	1.402%
23	12.128	1805	1811	1816	rBV	1850460	2331815	8.68%	2.041%
24	12.280	1832	1836	1839	rBV	1306928	1671276	6.22%	1.463%
25	12.353	1844	1848	1858	rVB2	1007927	1431593	5.33%	1.253%
26	12.500	1868	1872	1878	rVB	393779	474521	1.77%	0.415%
27	12.567	1878	1883	1885	rBV	618773	747005	2.78%	0.654%
28	12.591	1885	1887	1892	rVB	600502	658199	2.45%	0.576%
29	12.652	1892	1897	1900	rBV	921480	1068765	3.98%	0.935%
30	12.738	1906	1911	1919	rBV3	497637	929046	3.46%	0.813%
31	12.884	1930	1935	1940	rVB2	340640	455114	1.69%	0.398%
32	12.957	1940	1947	1951	rBV	557770	727191	2.71%	0.636%
33	13.000	1951	1954	1960	rVB	939447	1083890	4.04%	0.949%
34	13.207	1980	1988	1992	rBV2	696718	986214	3.67%	0.863%
35	13.329	2004	2008	2013	rVB2	1635029	2186532	8.14%	1.914%
36	13.463	2025	2030	2038	rVB	1143727	1448430	5.39%	1.268%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020738.D
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Operator : JC/SP
Sample : M1192-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41046

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 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\82X012521W.M
Title : SW846 8260

37	13.621	2052	2056	2061	rVV4	303727	497122	1.85%	0.435%
38	13.701	2067	2069	2075	rVB2	310935	421799	1.57%	0.369%
39	13.817	2081	2088	2094	rBV	972051	1253902	4.67%	1.097%
40	13.890	2094	2100	2106	rVB	472330	655405	2.44%	0.574%
41	13.963	2106	2112	2117	rBV2	501639	711063	2.65%	0.622%
42	14.115	2133	2137	2141	rBV	356300	423709	1.58%	0.371%
43	14.268	2156	2162	2166	rBV	1324536	1934670	7.20%	1.693%
44	14.414	2182	2186	2190	rVB	356831	436583	1.63%	0.382%
45	14.518	2198	2203	2209	rBV2	917432	1198023	4.46%	1.049%
46	14.676	2226	2229	2232	rVB	709947	801594	2.98%	0.702%
47	14.713	2232	2235	2240	rVB	246058	314884	1.17%	0.276%
48	14.822	2247	2253	2256	rBV	362248	466811	1.74%	0.409%
49	15.231	2315	2320	2327	rVB2	321240	682809	2.54%	0.598%
50	15.530	2360	2369	2373	rBV2	218450	390817	1.46%	0.342%
51	15.664	2385	2391	2394	rBV	209299	336018	1.25%	0.294%

Sum of corrected areas: 114257982

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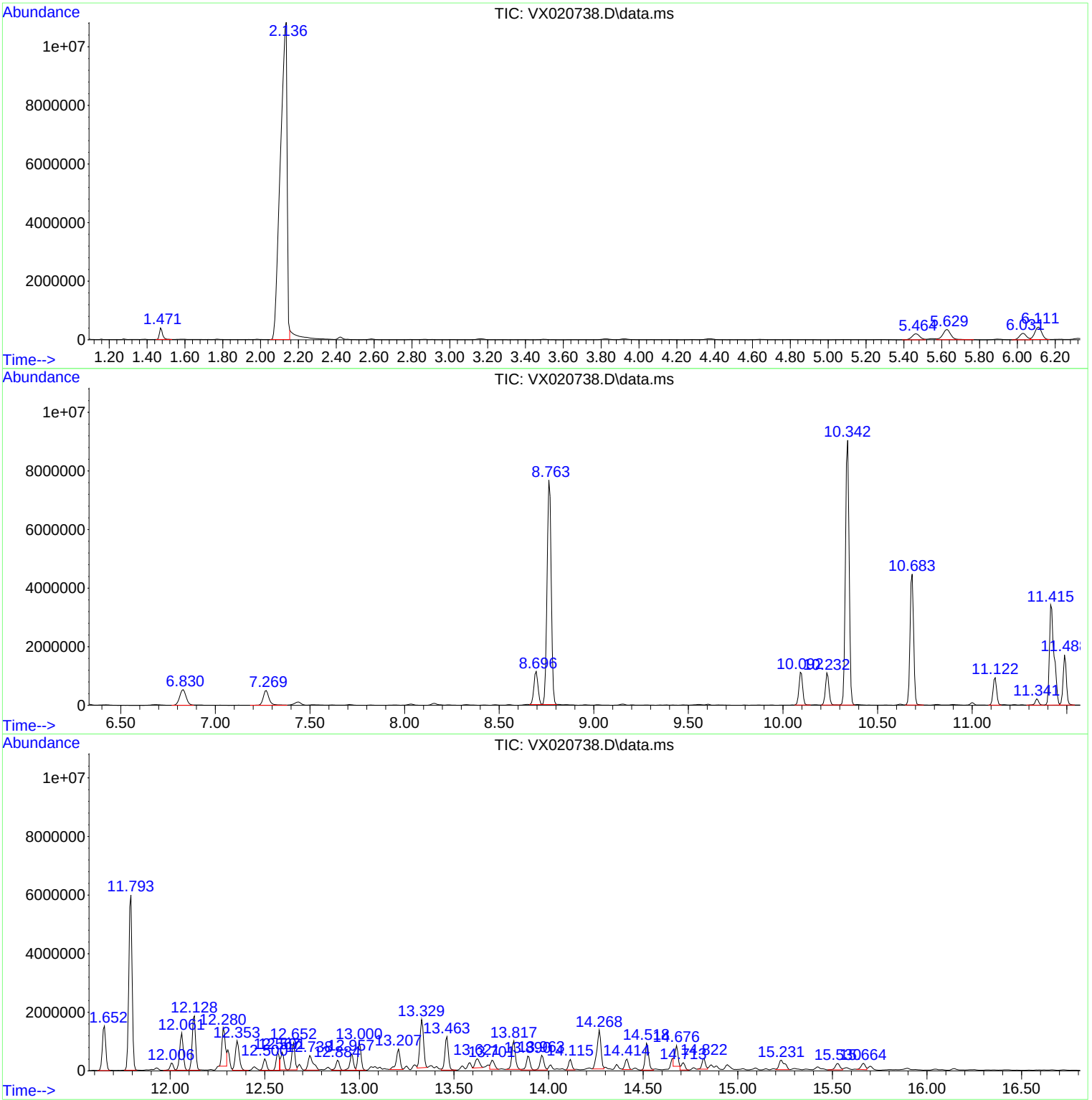
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
41046

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020738.D
Acq On : 25 Jan 2021 20:30
Operator : JC/SP
Sample : M1192-05
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
41046

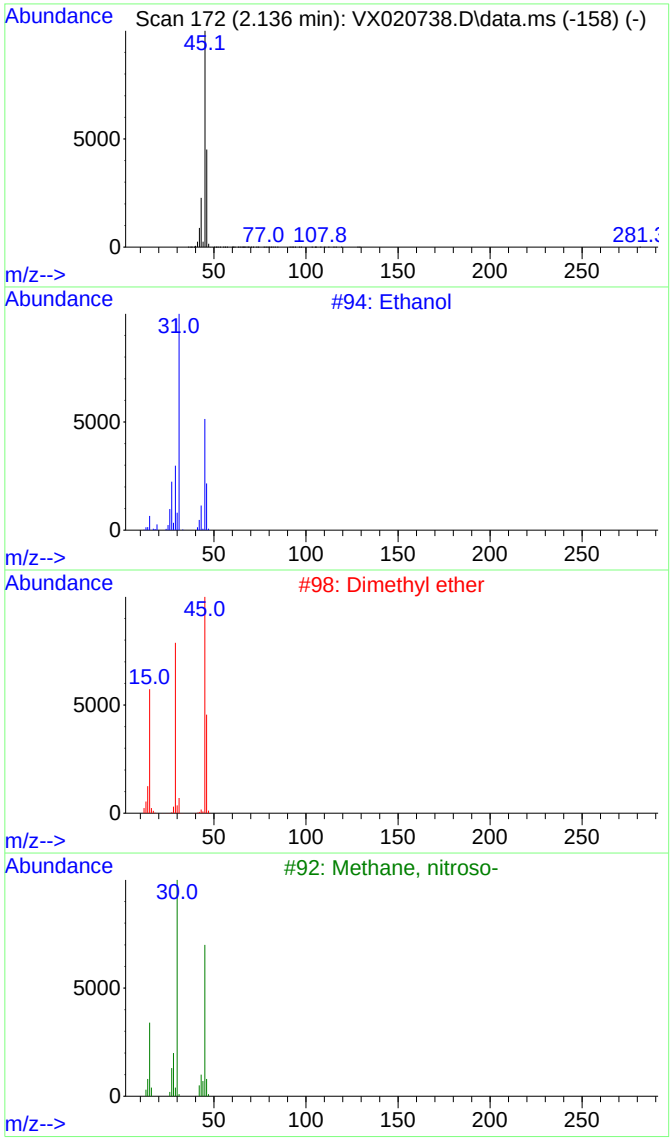
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

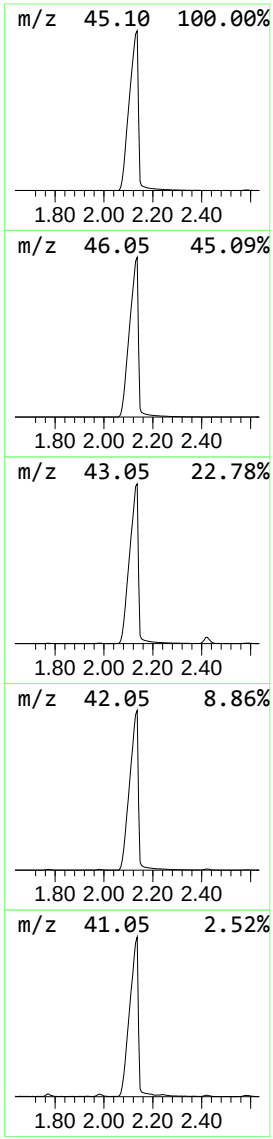
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.136	1306.34 ug/l	26855400	Pentafluorobenzene	5.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	90
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020738.D
Acq On : 25 Jan 2021 20:30
Operator : JC/SP
Sample : M1192-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41046

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

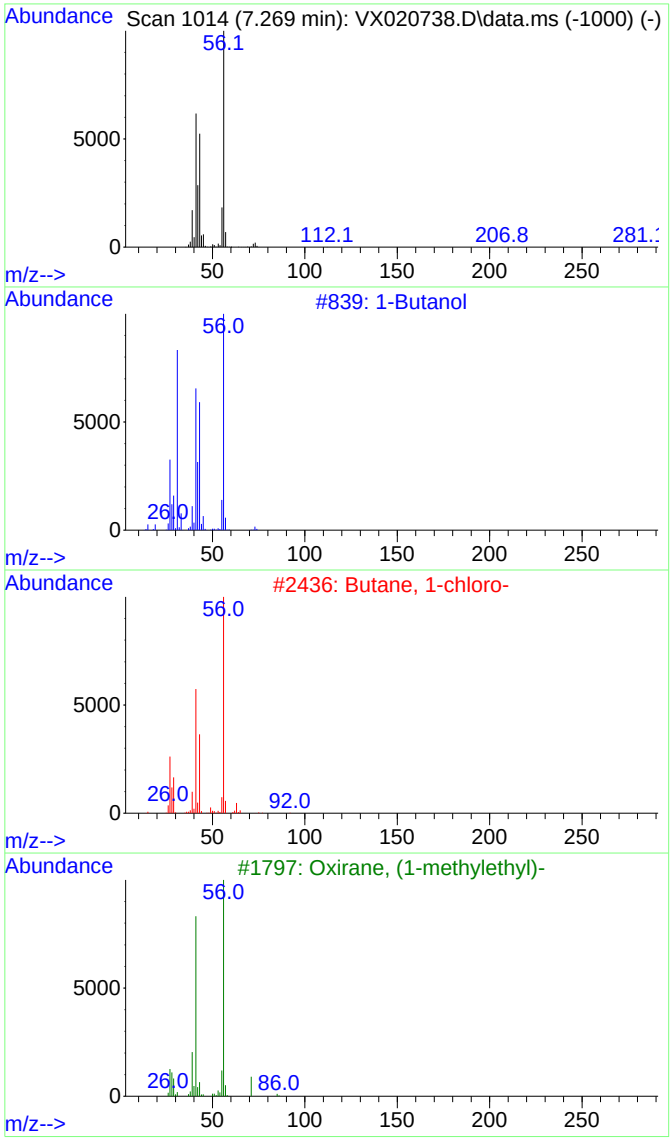
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

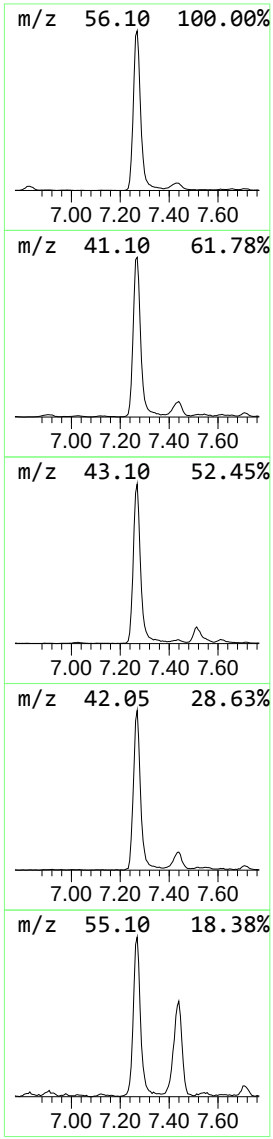
****

Peak Number 2 1-Butanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	43.05 ug/l	1089280	1,4-Difluorobenzene	6.830

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	91
2	Butane, 1-chloro-	92	C4H9Cl	000109-69-3	45
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	33
4	Oxetane, 3,3-dimethyl-	86	C5H10O	006921-35-3	33
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020738.D
Acq On : 25 Jan 2021 20:30
Operator : JC/SP
Sample : M1192-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41046

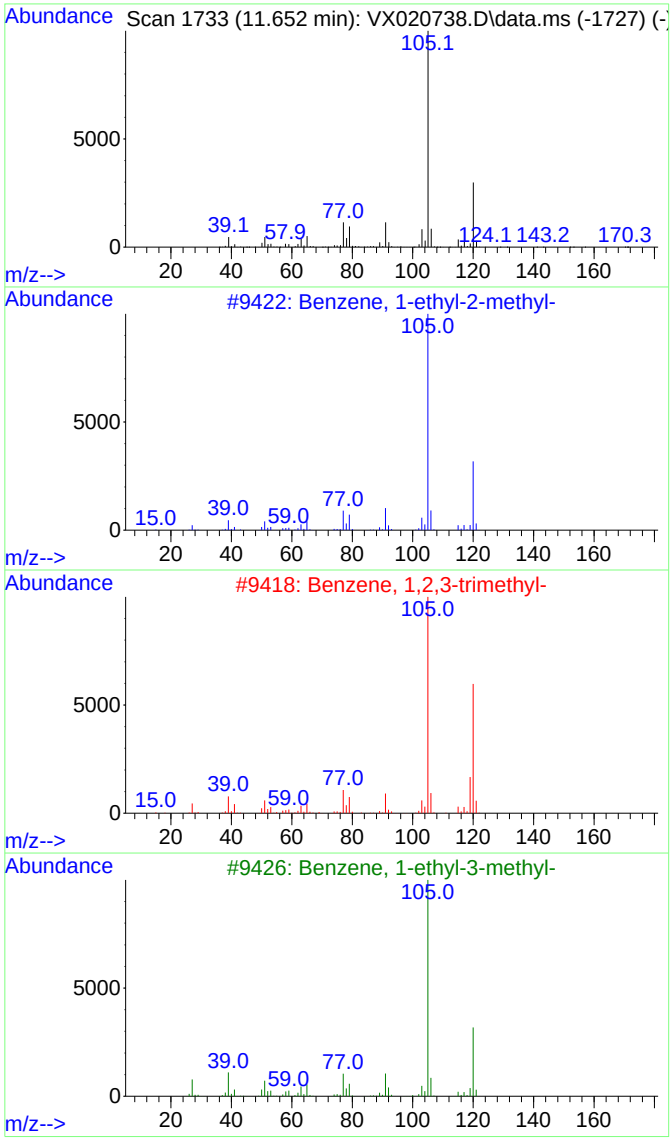
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

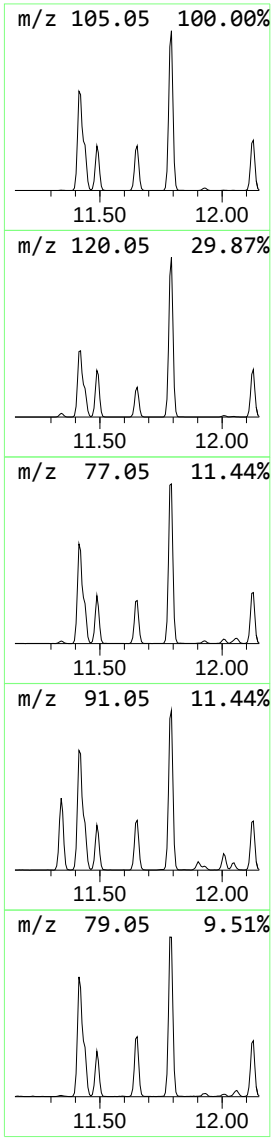
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.652	59.60 ug/l	1909020	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020738.D
Acq On : 25 Jan 2021 20:30
Operator : JC/SP
Sample : M1192-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41046

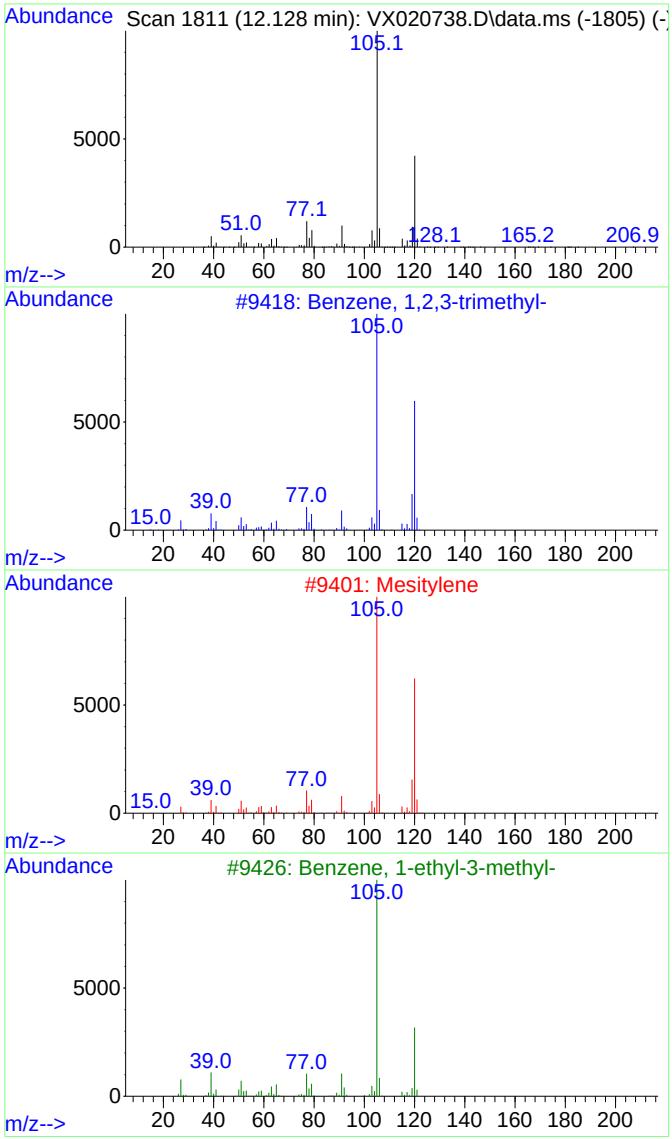
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

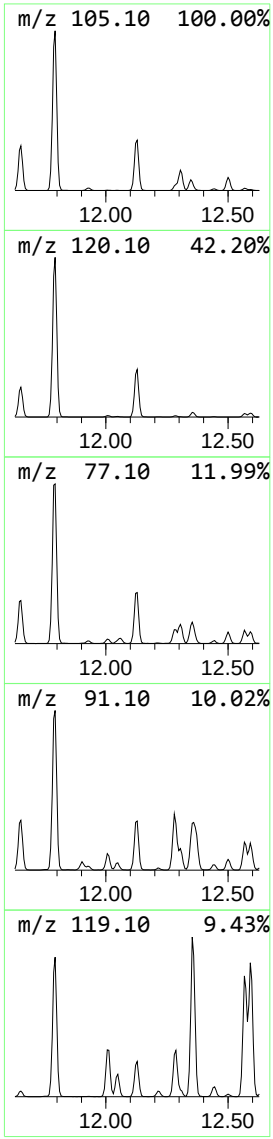
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.128	72.80 ug/l	2331820	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020738.D
Acq On : 25 Jan 2021 20:30
Operator : JC/SP
Sample : M1192-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41046

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

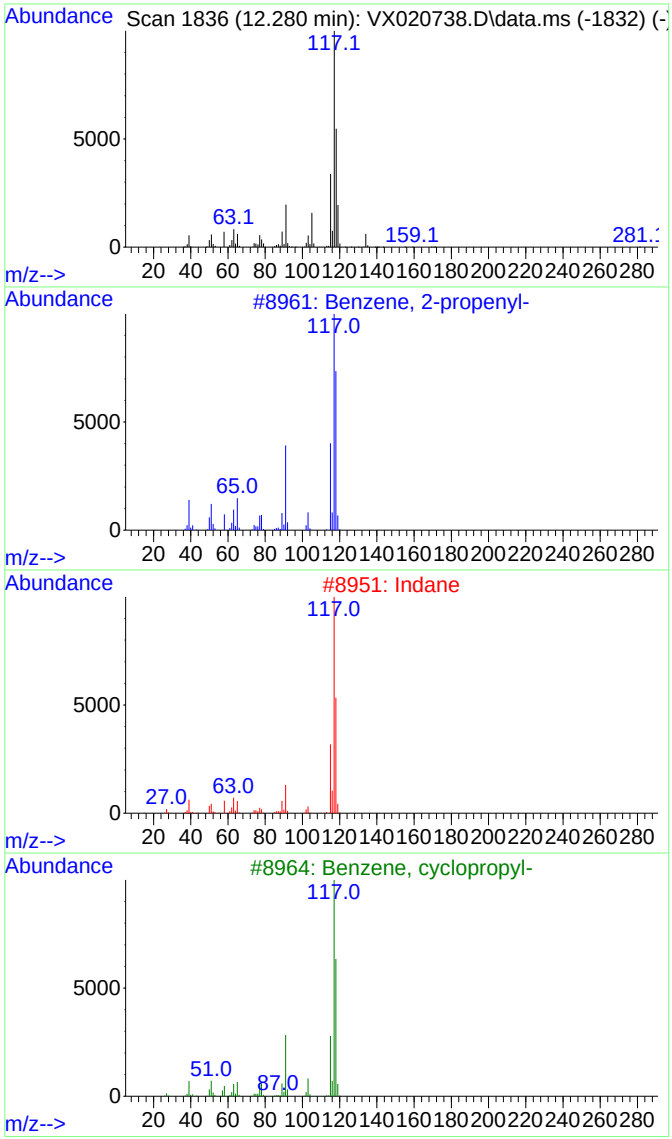
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

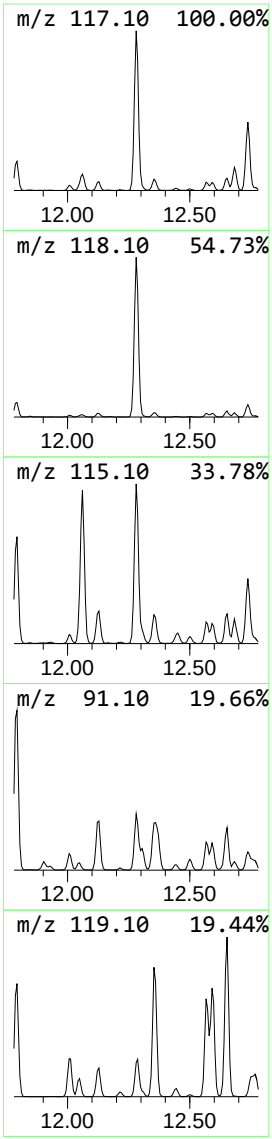
****

Peak Number 5 Benzene, 2-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	52.17 ug/l	1671280	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	53
5	Deltacyclene	118	C9H10	007785-10-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
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Acq On : 25 Jan 2021 20:30
Operator : JC/SP
Sample : M1192-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41046

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

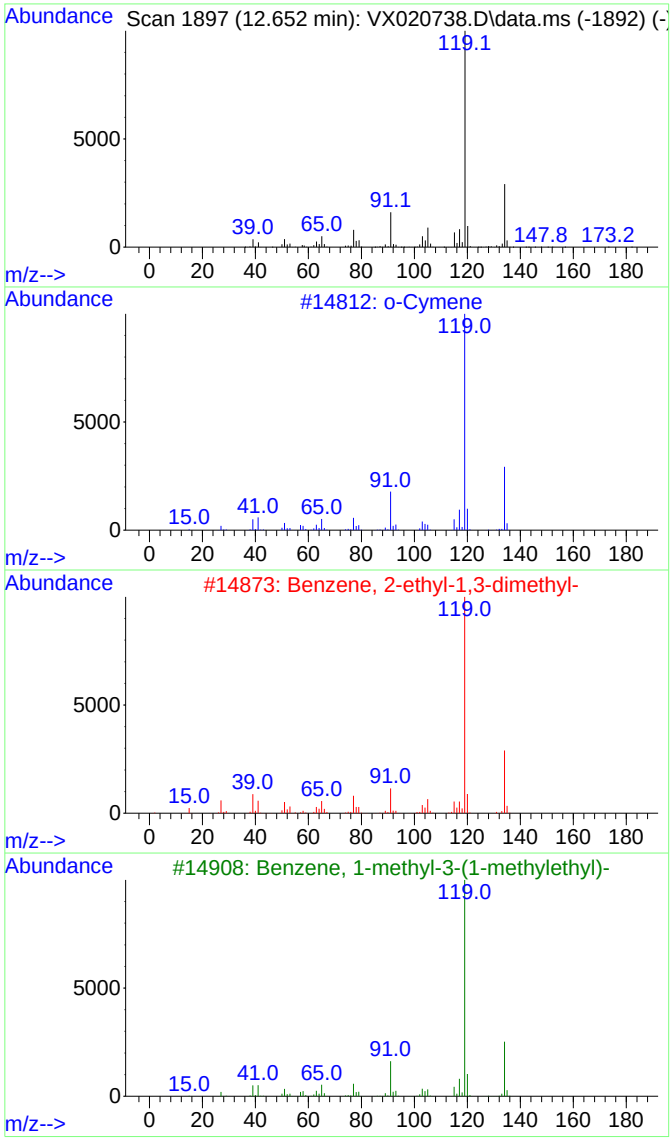
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

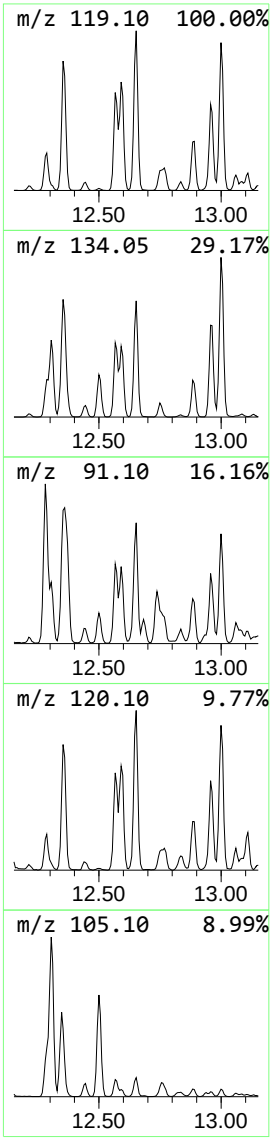
****

Peak Number 6 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.652	33.37 ug/l	1068770	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41046

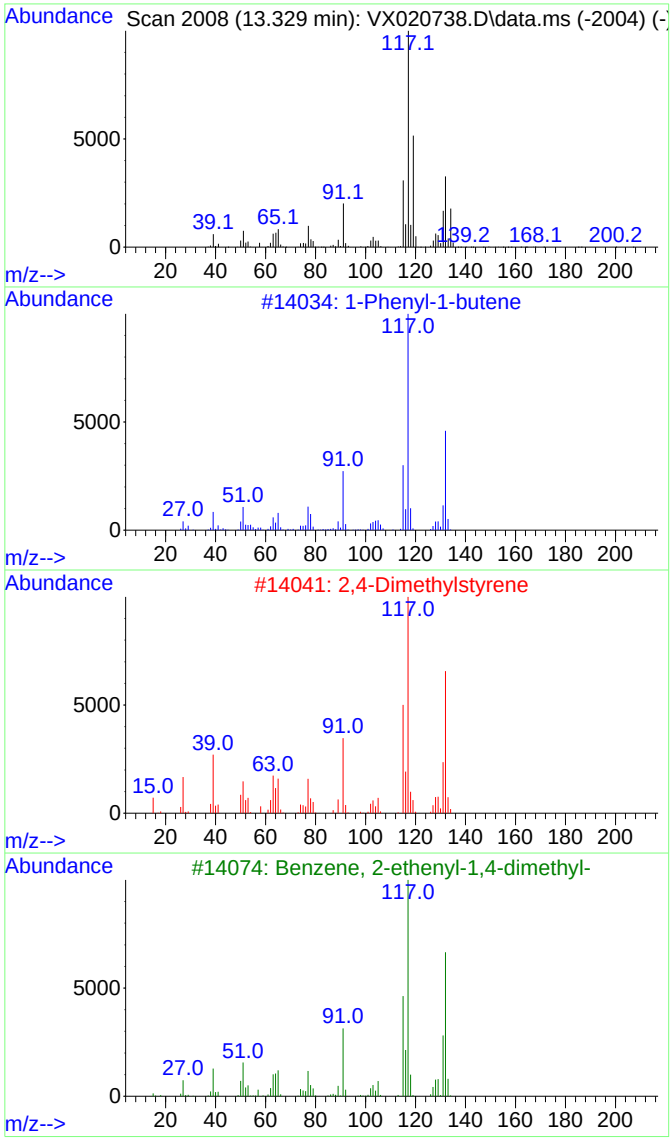
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

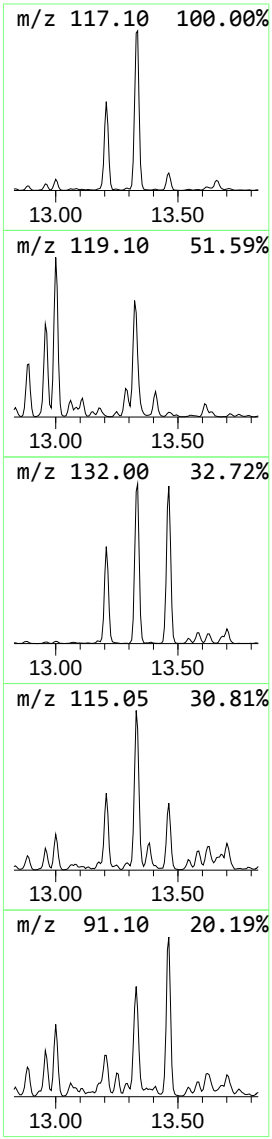
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.329	68.26 ug/l	2186530	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020738.D
Acq On : 25 Jan 2021 20:30
Operator : JC/SP
Sample : M1192-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
41046

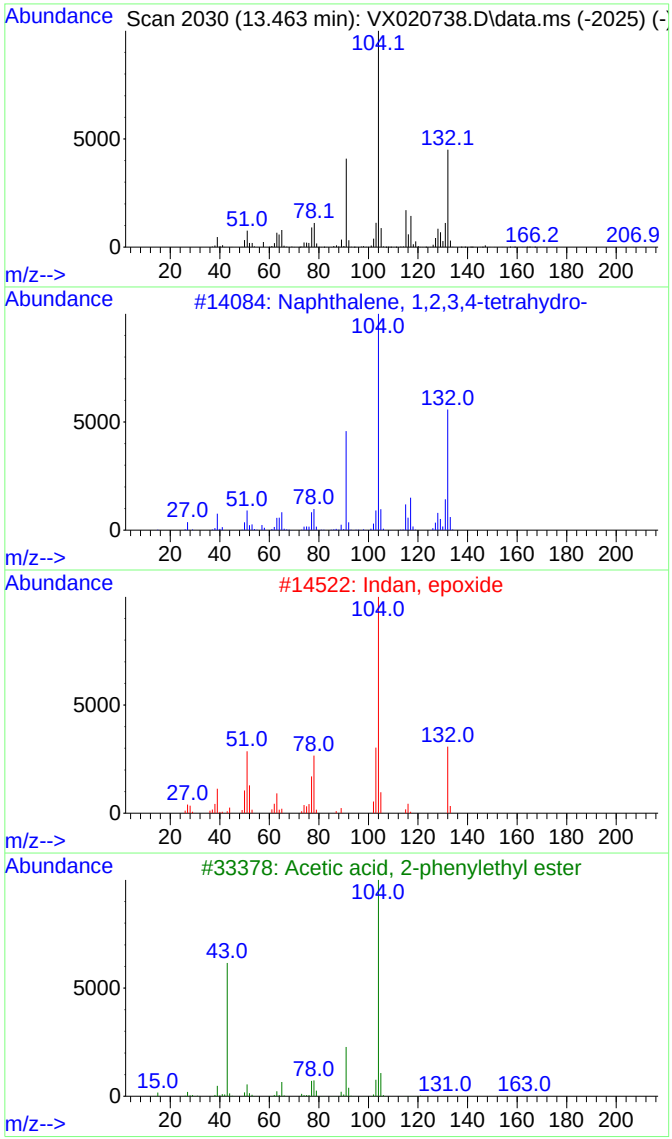
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

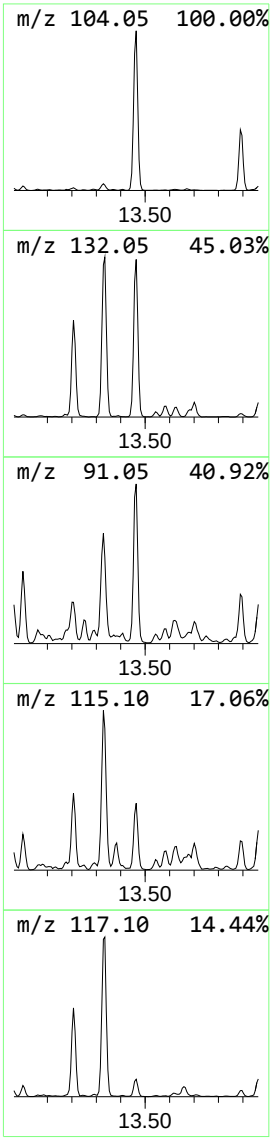
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	45.22 ug/l	1448430	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	Acetic acid, 2-phenylethyl ester	164	C10H12O2	000103-45-7	38
4	3-Phenylthiolane,S,S-dioxide	196	C10H12O2S	016766-64-6	38
5	Acetic acid, trichloro-, 2-pheny...	266	C10H9Cl3O2	071965-07-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020738.D
Acq On : 25 Jan 2021 20:30
Operator : JC/SP
Sample : M1192-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41046

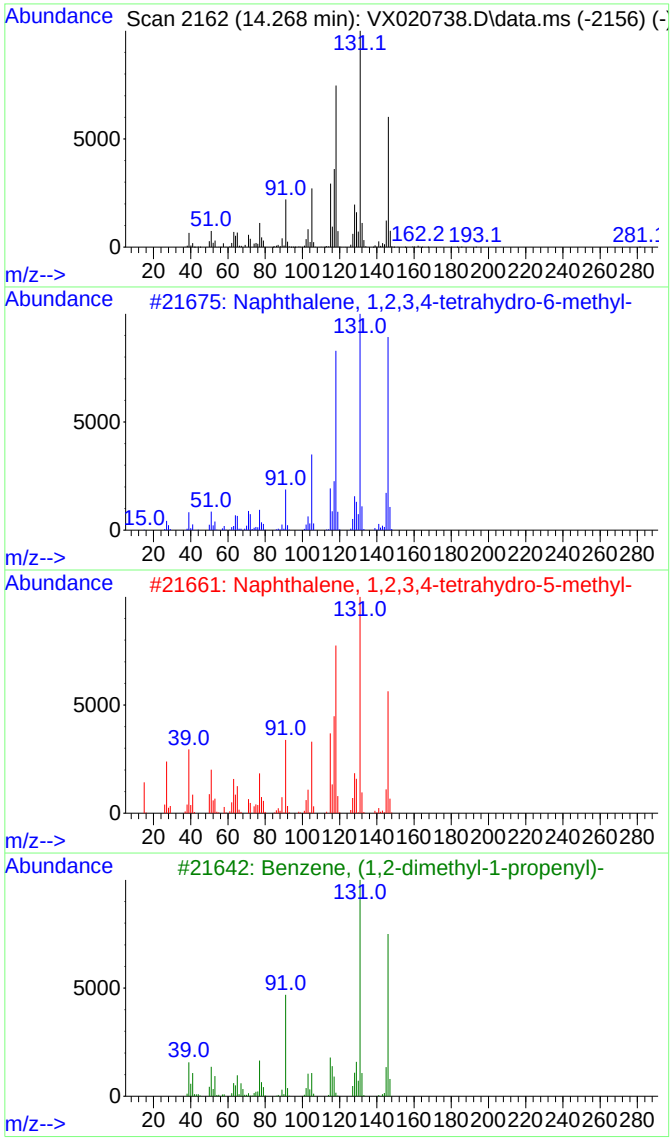
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

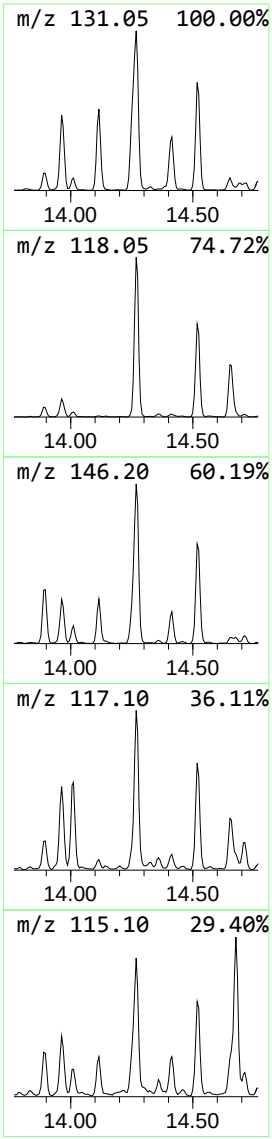
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.268	60.40 ug/l	1934670	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	83
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020738.D
Acq On : 25 Jan 2021 20:30
Operator : JC/SP
Sample : M1192-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41046

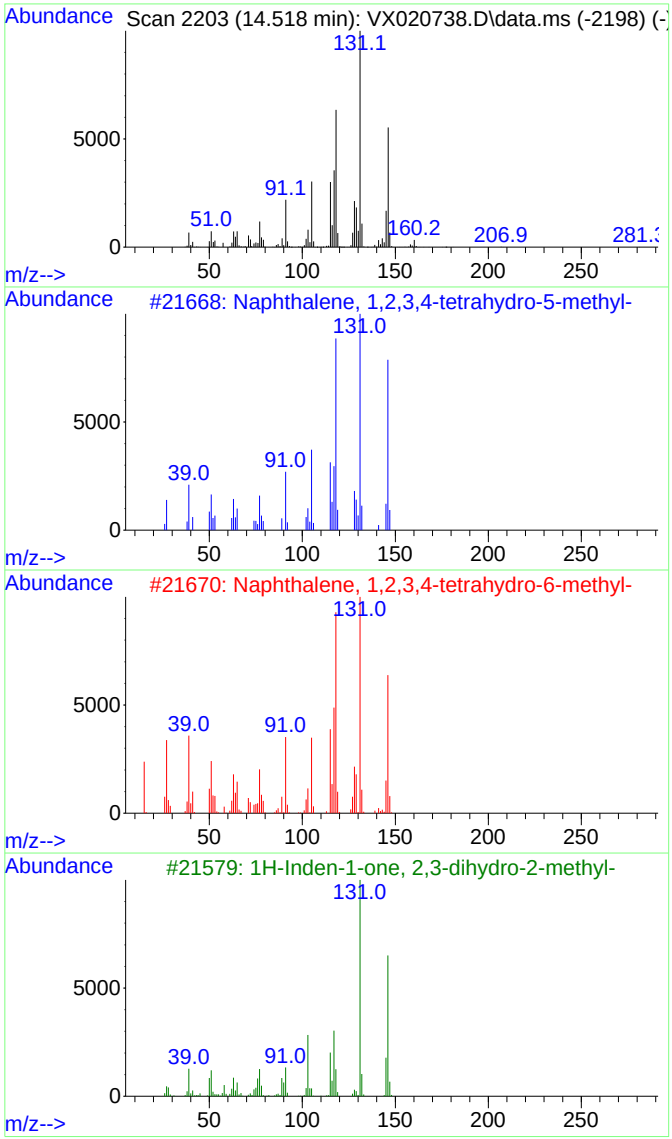
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

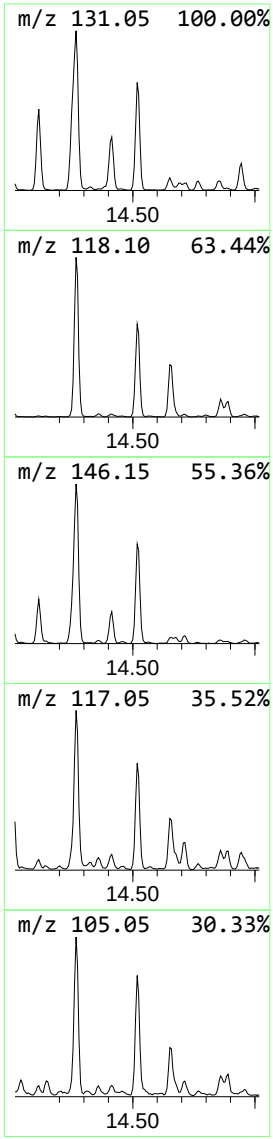
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.518	37.40 ug/l	1198020	1,4-Dichlorobenzene-d4	12.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	76
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
Data File : VX020738.D
Acq On : 25 Jan 2021 20:30
Operator : JC/SP
Sample : M1192-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 41046

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol	2.136	1306.3	ug/l	26855400	1	5.629	1027890	50.0
1-Butanol	7.269	43.0	ug/l	1089280	2	6.830	1265140	50.0
Benzene, 1-ethy...	11.652	59.6	ug/l	1909020	4	12.061	1601620	50.0
Benzene, 1,2,3-...	12.128	72.8	ug/l	2331820	4	12.061	1601620	50.0
Benzene, 2-prop...	12.280	52.2	ug/l	1671280	4	12.061	1601620	50.0
o-Cymene	12.652	33.4	ug/l	1068770	4	12.061	1601620	50.0
1-Phenyl-1-butene	13.329	68.3	ug/l	2186530	4	12.061	1601620	50.0
Naphthalene, 1,...	13.463	45.2	ug/l	1448430	4	12.061	1601620	50.0
Naphthalene, 1,...	14.268	60.4	ug/l	1934670	4	12.061	1601620	50.0
Naphthalene, 1,...	14.518	37.4	ug/l	1198020	4	12.061	1601620	50.0