LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
Data File : VY004001.D
Acq On : 11 Feb 2021 14:07
Operator : SY/MD
Sample : M1389-02
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : S-1A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_Y\methods\82Y012821S.M
Title : SW846 8260

Signal : TIC: VY004001.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.729	465	477	487	rBV3	15129	46689	4.41%	0.406%
2	7.722	957	968	973	rBV	138353	331153	31.29%	2.878%
3	7.789	973	979	994	rVB	237996	540387	51.05%	4.696%
4	8.143	1025	1037	1047	rBV	149306	336196	31.76%	2.922%
5	8.691	1118	1127	1137	rBV	384406	748371	70.70%	6.503%
6	10.179	1362	1371	1379	rBV	607271	1058471	100.00%	9.198%
7	10.575	1430	1436	1444	rBV	23922	44417	4.20%	0.386%
8	11.489	1577	1586	1597	rBV	552656	910918	86.06%	7.916%
9	12.002	1663	1670	1678	rBV7	5284	15460	1.46%	0.134%
10	12.477	1741	1748	1758	rVB2	491705	780470	73.74%	6.782%
11	12.642	1771	1775	1782	rVB9	6522	13268	1.25%	0.115%
12	12.727	1782	1789	1792	rBV6	4548	10954	1.03%	0.095%
13	12.806	1792	1802	1806	rVV5	18388	49647	4.69%	0.431%
14	12.849	1806	1809	1815	rVB4	10270	18802	1.78%	0.163%
15	13.038	1835	1840	1846	rVB	27947	42481	4.01%	0.369%
16	13.111	1846	1852	1857	rVB4	11272	21032	1.99%	0.183%
17	13.166	1857	1861	1866	rBV7	8698	15270	1.44%	0.133%
18	13.239	1871	1873	1878	rVB3	9502	13956	1.32%	0.121%
19	13.312	1878	1885	1889	rBV6	25808	56069	5.30%	0.487%
20	13.355	1889	1892	1896	rVV3	15928	26353	2.49%	0.229%
21	13.422	1896	1903	1911	rVV	575091	886500	83.75%	7.704%
22	13.495	1912	1915	1919	rVB3	9889	12091	1.14%	0.105%
23	13.587	1927	1930	1932	rBV	10629	13725	1.30%	0.119%
24	13.623	1932	1936	1939	rVB2	23568	33660	3.18%	0.293%
25	13.666	1939	1943	1951	rVB3	22791	44665	4.22%	0.388%
26	13.745	1951	1956	1960	rBV3	46930	85309	8.06%	0.741%
27	13.788	1960	1963	1967	rVB3	13895	17501	1.65%	0.152%
28	13.910	1979	1983	1987	rVB3	26266	35749	3.38%	0.311%
29	13.965	1988	1992	1996	rVB2	87057	122254	11.55%	1.062%
30	14.013	1996	2000	2005	rVB4	30614	52141	4.93%	0.453%
31	14.074	2005	2010	2015	rVB2	80287	125235	11.83%	1.088%
32	14.148	2015	2022	2026	rBV7	29114	62940	5.95%	0.547%
33	14.196	2026	2030	2032	rBV4	17717	27635	2.61%	0.240%
34	14.257	2032	2040	2044	rBV8	78950	208049	19.66%	1.808%
35	14.330	2049	2052	2055	rVB	33426	43066	4.07%	0.374%
36	14.373	2055	2059	2063	rBV	60038	81705	7.72%	0.710%

LSC Area Percent Report

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Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : S-1A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : SW846 8260

37	14.416	2063	2066	2070	rVB3	54739	70807	6.69%	0.615%
38	14.477	2072	2076	2079	rBV4	26418	41701	3.94%	0.362%
39	14.513	2079	2082	2086	rVB	29067	38416	3.63%	0.334%
40	14.562	2086	2090	2095	rBV2	55375	111378	10.52%	0.968%
41	14.611	2095	2098	2102	rVB2	46523	57096	5.39%	0.496%
42	14.678	2102	2109	2113	rBV3	195641	395372	37.35%	3.436%
43	14.727	2113	2117	2124	rVB3	147261	259153	24.48%	2.252%
44	14.830	2124	2134	2139	rBV3	97348	221043	20.88%	1.921%
45	14.904	2142	2146	2147	rBV2	30178	39008	3.69%	0.339%
46	14.940	2147	2152	2155	rVV3	101097	166301	15.71%	1.445%
47	14.977	2155	2158	2163	rVB2	38388	51786	4.89%	0.450%
48	15.050	2164	2170	2176	rBV2	100499	200909	18.98%	1.746%
49	15.208	2190	2196	2204	rBV4	88953	193215	18.25%	1.679%
50	15.288	2204	2209	2213	rVV	128005	222735	21.04%	1.936%
51	15.342	2214	2218	2229	rVV5	110386	366098	34.59%	3.181%
52	15.428	2229	2232	2240	rVB8	41997	105324	9.95%	0.915%
53	15.519	2240	2247	2254	rBV4	92814	237770	22.46%	2.066%
54	15.599	2256	2260	2265	rVB3	49880	84063	7.94%	0.731%
55	15.690	2266	2275	2276	rBV3	63104	149964	14.17%	1.303%
56	15.720	2276	2280	2288	rVB	238414	428385	40.47%	3.723%
57	15.806	2292	2294	2300	rVB4	26054	44183	4.17%	0.384%
58	15.879	2301	2306	2312	rBV3	50024	102888	9.72%	0.894%
59	16.031	2324	2331	2336	rBV	132924	270947	25.60%	2.355%
60	16.153	2347	2351	2355	rBV4	27609	44747	4.23%	0.389%
61	16.220	2357	2362	2368	rVB2	151368	307201	29.02%	2.670%
62	16.287	2368	2373	2378	rBV4	47059	84050	7.94%	0.730%
63	16.385	2386	2389	2393	rBV5	14024	21796	2.06%	0.189%
64	16.482	2399	2405	2411	rBV7	49900	144889	13.69%	1.259%
65	16.623	2423	2428	2437	rVB2	46820	113674	10.74%	0.988%

Sum of corrected areas: 11507488

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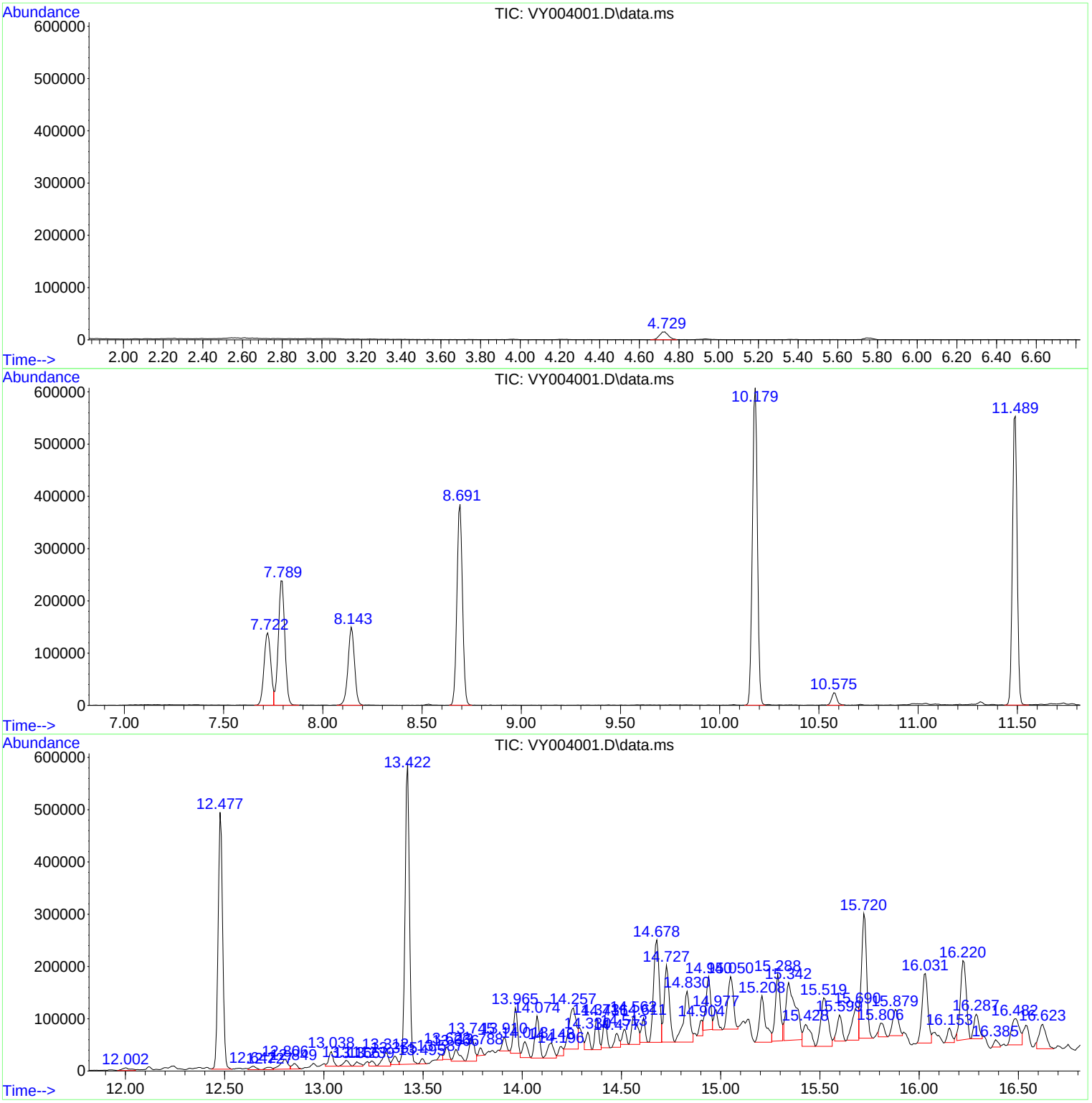
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
Data File : VY004001.D
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Operator : SY/MD
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MSVOA_Y
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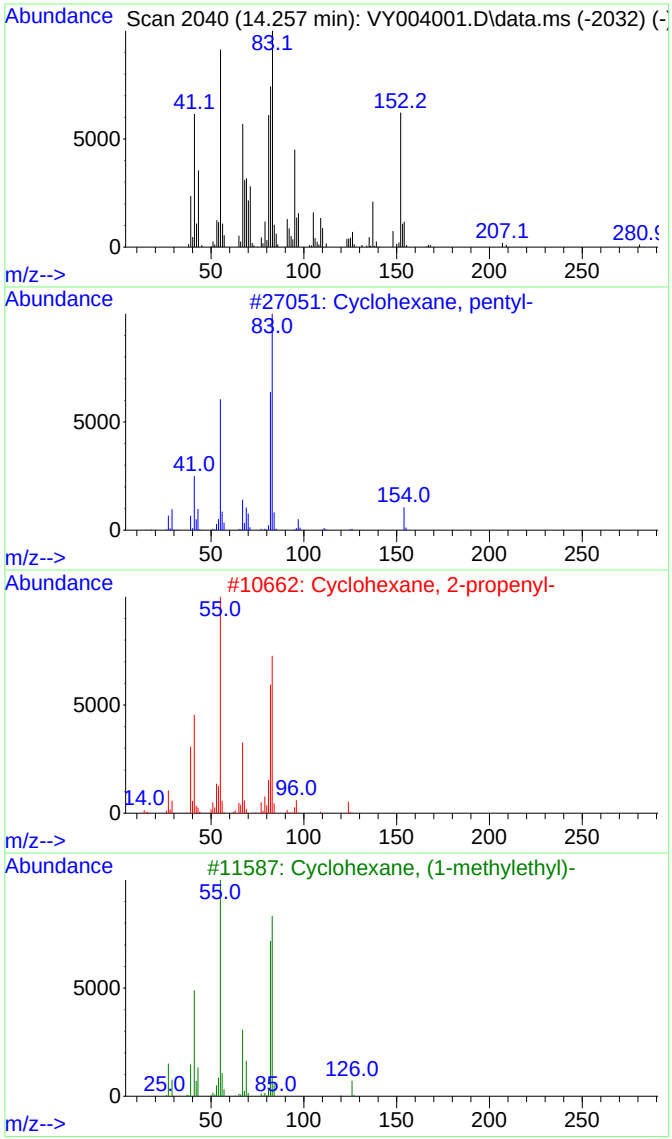
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260

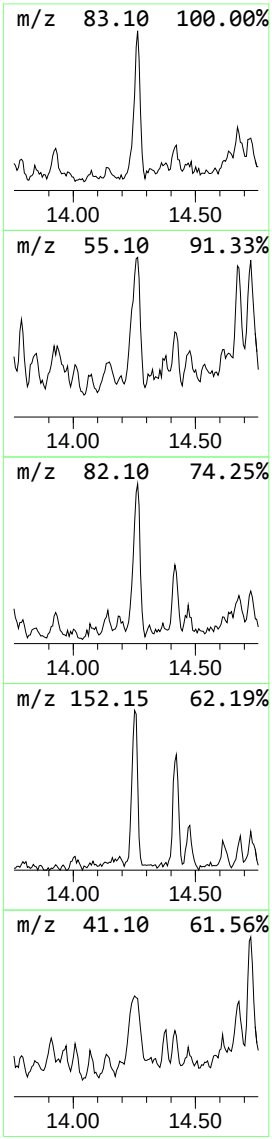
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown14.257 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	11.73 ug/l	208049	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	45
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	45
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	43
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
Data File : VY004001.D
Acq On : 11 Feb 2021 14:07
Operator : SY/MD
Sample : M1389-02
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1A

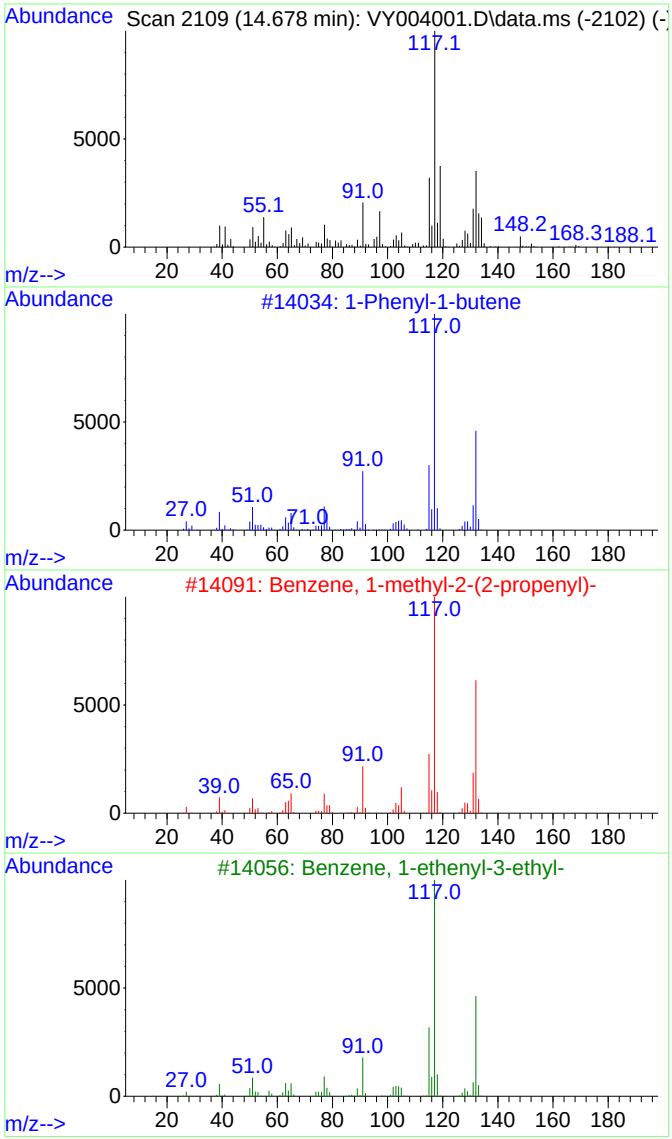
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260

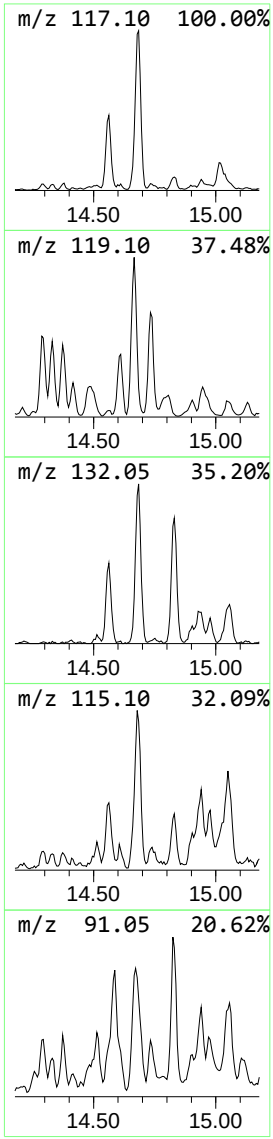
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	22.30 ug/l	395372	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
Data File : VY004001.D
Acq On : 11 Feb 2021 14:07
Operator : SY/MD
Sample : M1389-02
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : S-1A

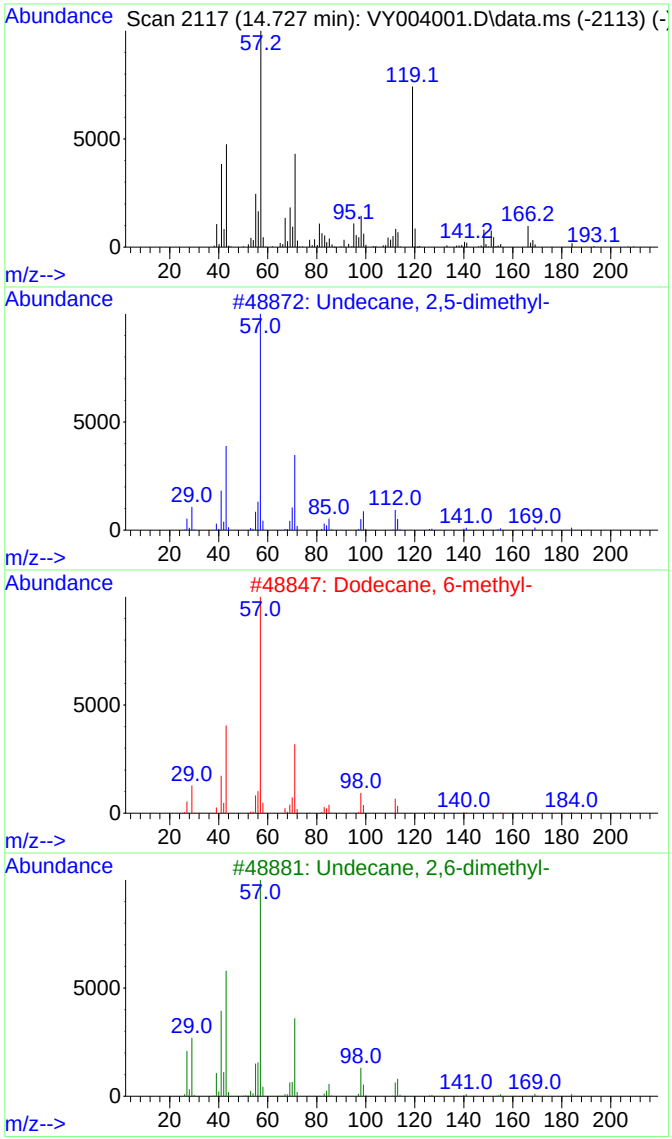
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260

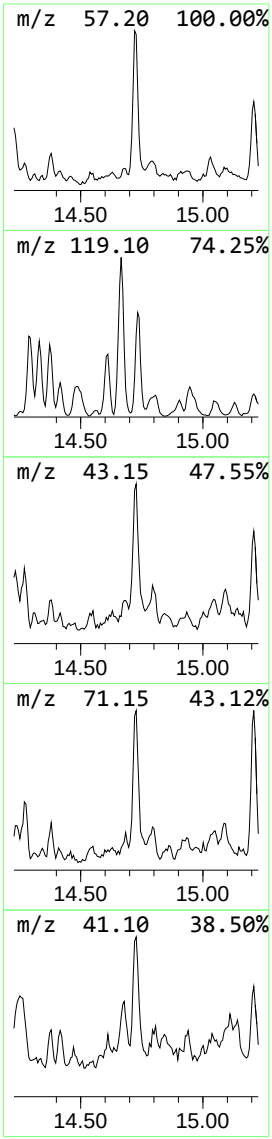
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown14.727 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	14.62 ug/l	259153	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	30
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	30
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	22
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
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Acq On : 11 Feb 2021 14:07
Operator : SY/MD
Sample : M1389-02
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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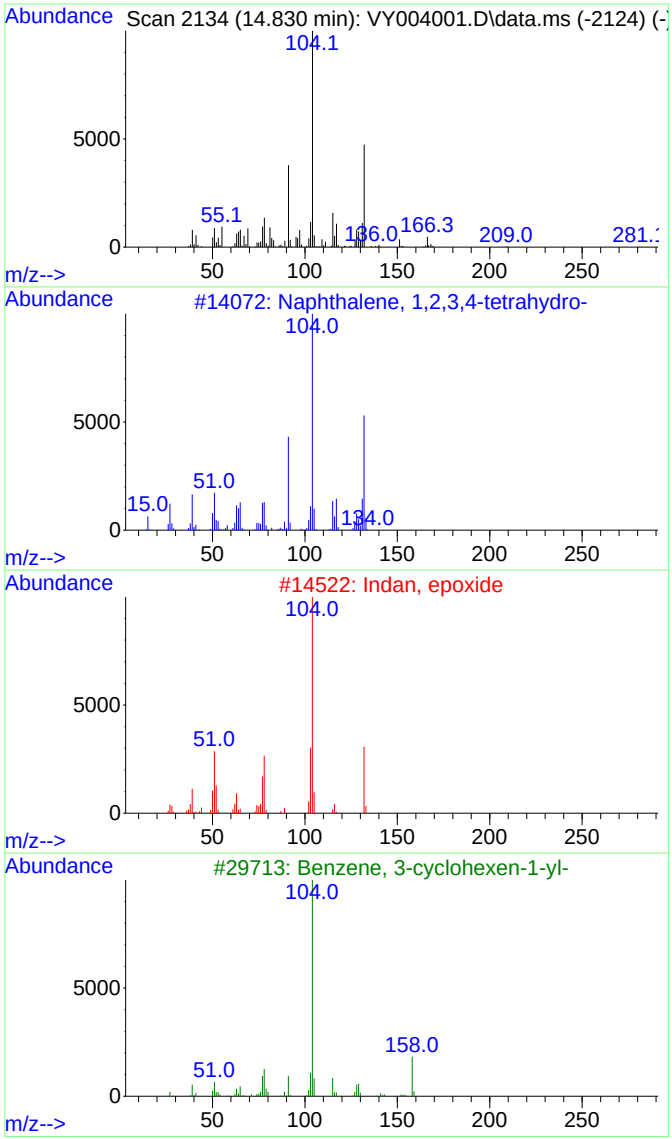
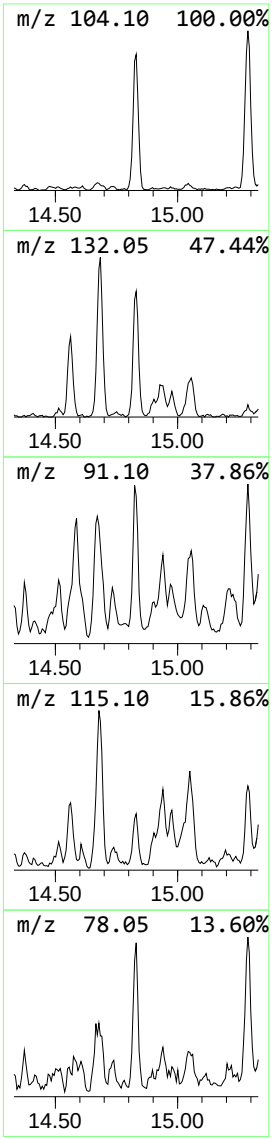
****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	12.47 ug/l	221043	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
2	Indan, epoxide	132	C9H8O	000768-22-9	52
3	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	38
5	4-Ethylbenzoic acid, 2-phenyleth...	254	C17H18O2	1000293-50-1	38





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ALS Vial : 7 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
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TIC Library : C:\DATABASE\NIST11.L
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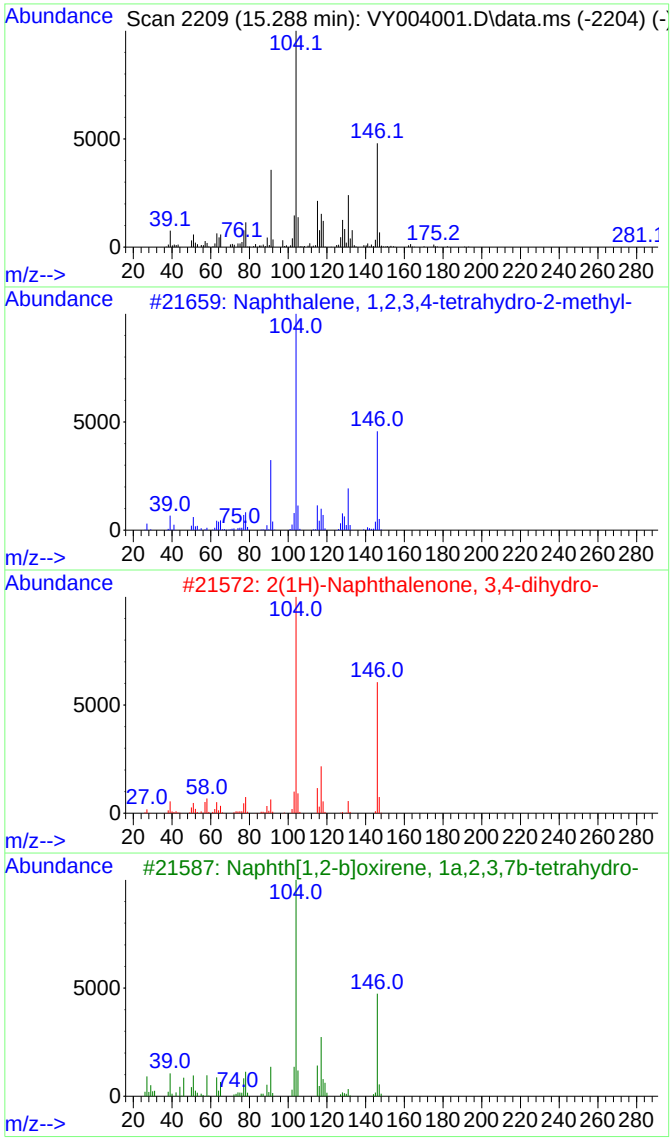
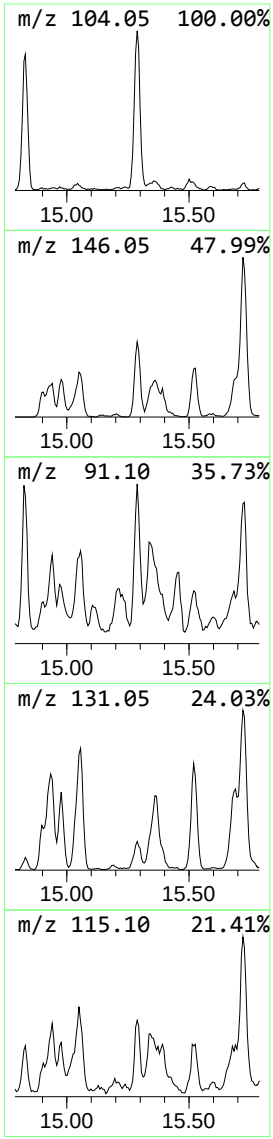
****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.288	12.56 ug/l	222735	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	46
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	45





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MSVOA_Y
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S-1A

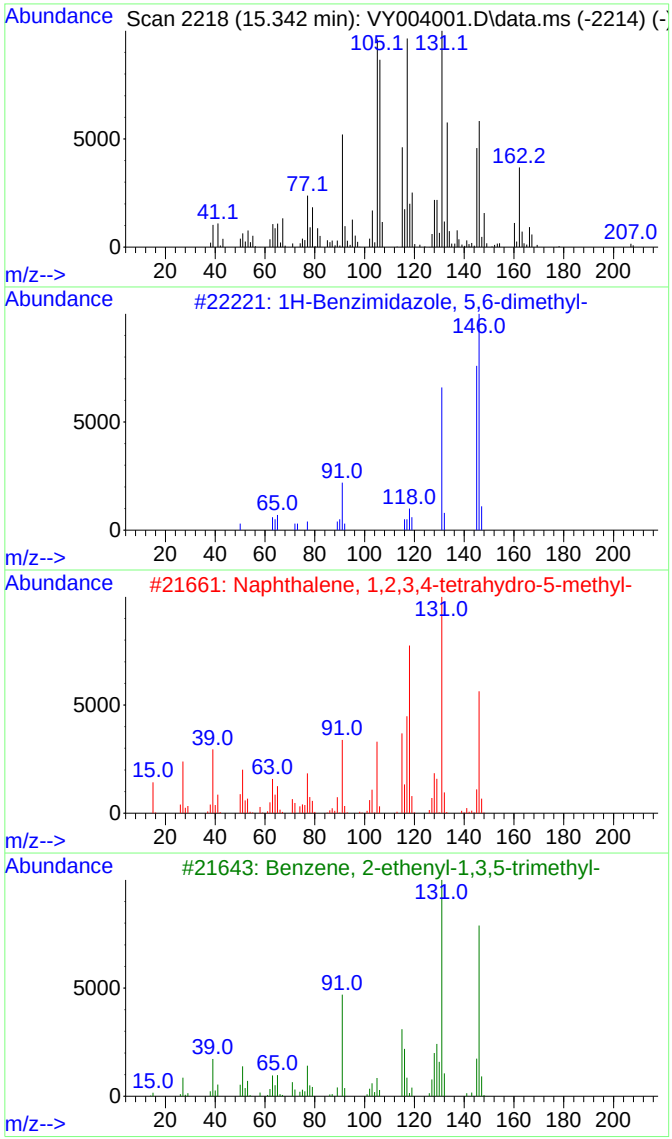
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260

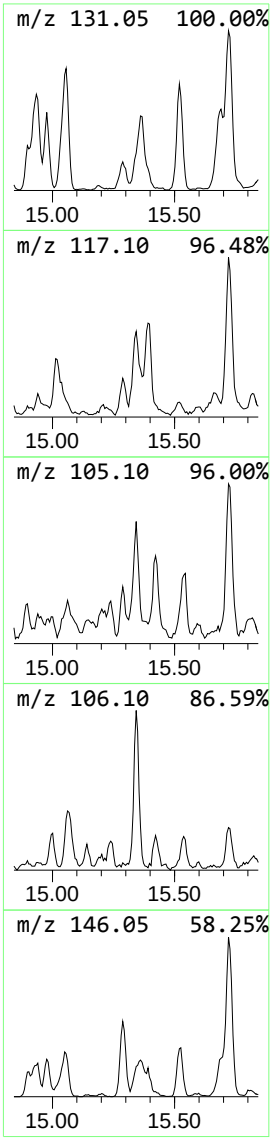
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Benzimidazole, 5,6-dimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.342	20.65 ug/l	366098	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	42
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	41
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	38
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	38





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Sample : M1389-02
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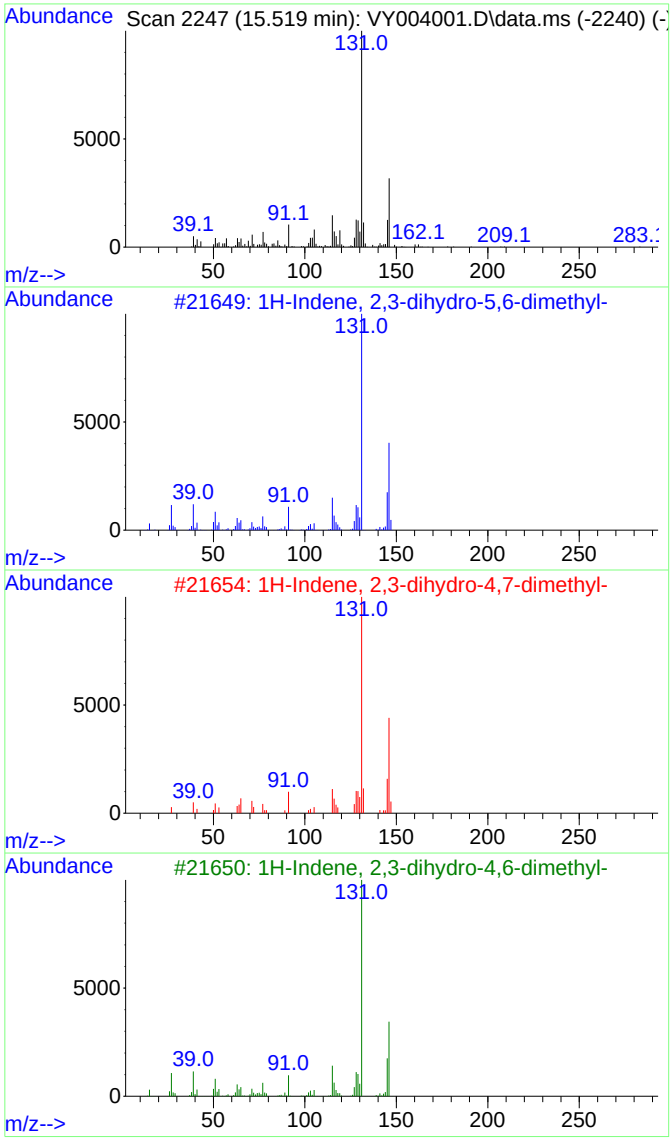
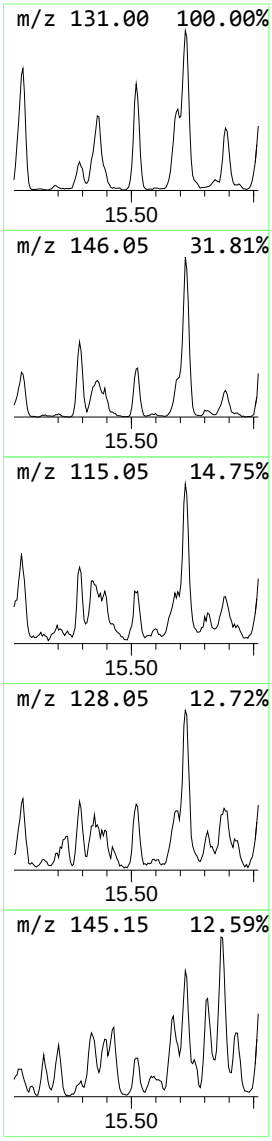
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.519	13.41 ug/l	237770	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
Data File : VY004001.D
Acq On : 11 Feb 2021 14:07
Operator : SY/MD
Sample : M1389-02
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1A

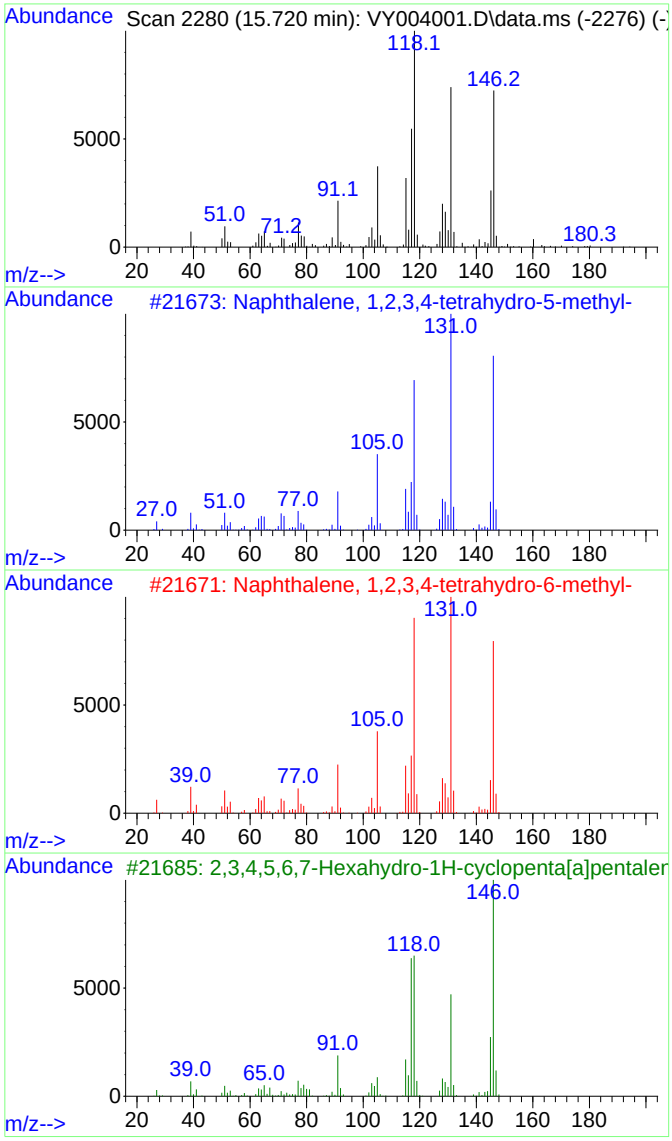
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260

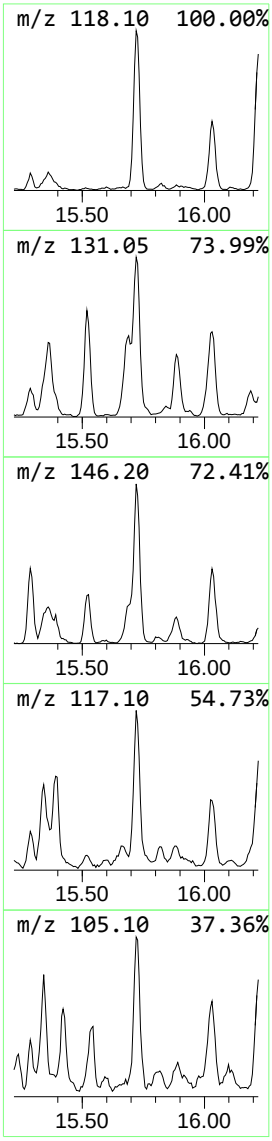
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	24.16 ug/l	428385	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	52
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	50
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	49
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
Data File : VY004001.D
Acq On : 11 Feb 2021 14:07
Operator : SY/MD
Sample : M1389-02
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
S-1A

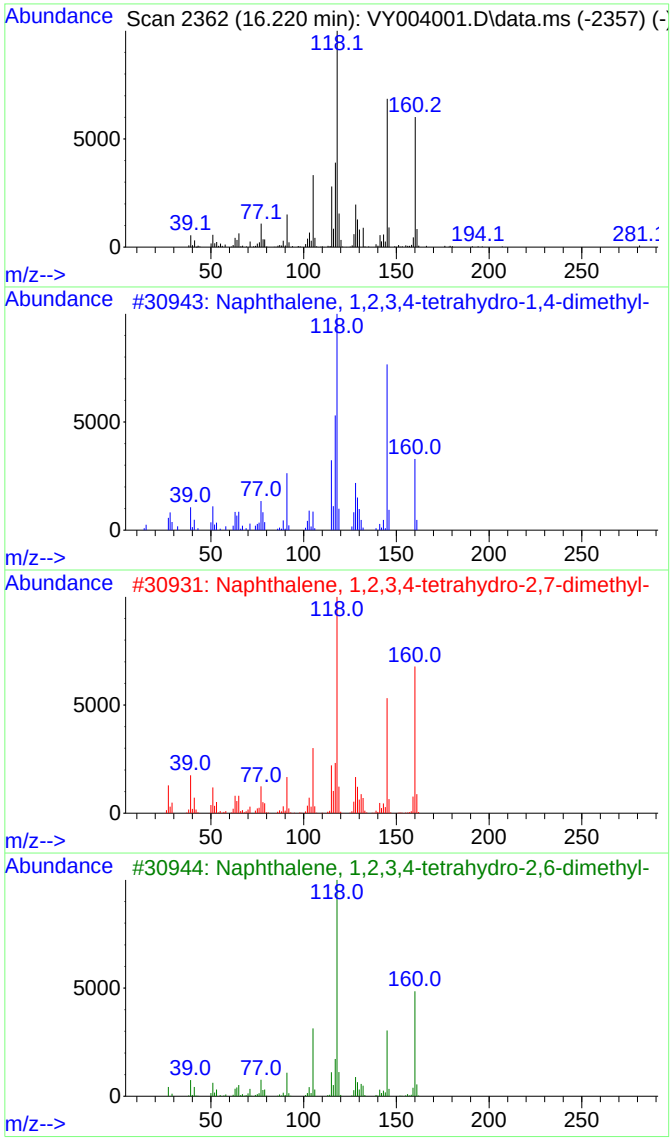
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260

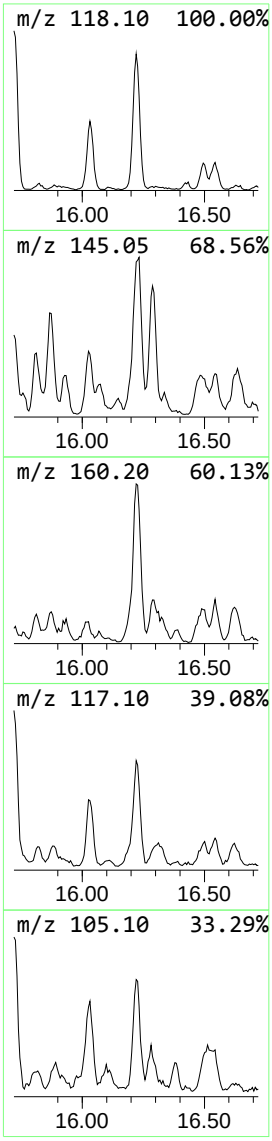
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.220	17.33 ug/l	307201	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
Data File : VY004001.D
Acq On : 11 Feb 2021 14:07
Operator : SY/MD
Sample : M1389-02
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : S-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.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
unknown14.257	14.257	11.7	ug/l	208049	4	13.422	886500	50.0
1-Phenyl-1-butene	14.678	22.3	ug/l	395372	4	13.422	886500	50.0
unknown14.727	14.727	14.6	ug/l	259153	4	13.422	886500	50.0
Naphthalene, 1,...	14.830	12.5	ug/l	221043	4	13.422	886500	50.0
Naphthalene, 1,...	15.288	12.6	ug/l	222735	4	13.422	886500	50.0
1H-Benzimidazol...	15.342	20.6	ug/l	366098	4	13.422	886500	50.0
1H-Indene, 2,3-...	15.519	13.4	ug/l	237770	4	13.422	886500	50.0
Naphthalene, 1,...	15.720	24.2	ug/l	428385	4	13.422	886500	50.0
Naphthalene, 1,...	16.220	17.3	ug/l	307201	4	13.422	886500	50.0