LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FILL-B-3

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\82Y041221S.M
Title : SW846 8260

Signal : TIC: VY004438.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.253	47	71	72	rBV5	20243	115438	5.11%	0.751%
2	2.588	115	126	127	rBV5	23471	75098	3.32%	0.489%
3	4.728	463	477	482	rBV3	18376	59430	2.63%	0.387%
4	5.246	552	562	577	rVB3	9384	32285	1.43%	0.210%
5	6.801	808	817	829	rBV2	12569	40425	1.79%	0.263%
6	7.728	959	969	974	rBV2	179247	428500	18.95%	2.788%
7	7.795	974	980	990	rVV	317961	759402	33.58%	4.941%
8	8.002	1006	1014	1021	rBV2	26103	60831	2.69%	0.396%
9	8.148	1028	1038	1050	rBV	190554	419485	18.55%	2.729%
10	8.282	1052	1060	1064	rVV5	11434	29560	1.31%	0.192%
11	8.343	1064	1070	1077	rVV6	14590	45401	2.01%	0.295%
12	8.551	1096	1104	1113	rVB2	19240	42578	1.88%	0.277%
13	8.697	1119	1128	1140	rVB	493368	977401	43.22%	6.359%
14	9.185	1196	1208	1214	rBV	45065	112382	4.97%	0.731%
15	9.825	1307	1313	1316	rBV2	23446	39359	1.74%	0.256%
16	9.959	1327	1335	1345	rVB	26083	59122	2.61%	0.385%
17	10.185	1364	1372	1385	rBV	807630	1409287	62.32%	9.169%
18	10.374	1395	1403	1409	rVB3	35841	72751	3.22%	0.473%
19	10.611	1433	1442	1450	rVV8	13099	37529	1.66%	0.244%
20	11.038	1508	1512	1517	rVB	16228	22836	1.01%	0.149%
21	11.282	1543	1552	1563	rVB3	39162	93557	4.14%	0.609%
22	11.379	1563	1568	1577	rBV	32957	59751	2.64%	0.389%
23	11.495	1580	1587	1597	rVV	700827	1176187	52.01%	7.653%
24	11.593	1597	1603	1611	rVV	92723	154998	6.85%	1.008%
25	11.709	1612	1622	1631	rVV2	88742	187191	8.28%	1.218%
26	12.014	1664	1672	1673	rBV4	16724	31961	1.41%	0.208%
27	12.123	1686	1690	1694	rVB	17263	23961	1.06%	0.156%
28	12.245	1706	1710	1714	rVB3	13398	23962	1.06%	0.156%
29	12.331	1720	1724	1728	rBV	22286	35732	1.58%	0.232%
30	12.416	1728	1738	1740	rVV5	29298	82336	3.64%	0.536%
31	12.489	1744	1750	1761	rVB2	1247009	2261265	100.00%	14.712%
32	12.672	1773	1780	1785	rVB	79564	124419	5.50%	0.809%
33	12.733	1785	1790	1792	rBV5	14577	23215	1.03%	0.151%
34	12.769	1792	1796	1799	rVV	63661	103474	4.58%	0.673%
35	12.806	1799	1802	1808	rVV2	104481	151283	6.69%	0.984%
36	12.977	1821	1830	1837	rBV	95931	189582	8.38%	1.233%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FILL-B-3

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\82Y041221S.M
Title : SW846 8260

37	13.038	1837	1840	1844	rVV	17197	24749	1.09%	0.161%
38	13.123	1848	1854	1859	rVV	220416	326773	14.45%	2.126%
39	13.233	1867	1872	1874	rBV3	13774	24101	1.07%	0.157%
40	13.318	1882	1886	1890	rVB4	20997	28968	1.28%	0.188%
41	13.367	1890	1894	1897	rBV2	23358	32904	1.46%	0.214%
42	13.428	1897	1904	1913	rVV2	693157	1215205	53.74%	7.906%
43	13.501	1913	1916	1923	rVB3	25053	38783	1.72%	0.252%
44	13.593	1926	1931	1933	rBV	44604	63722	2.82%	0.415%
45	13.629	1933	1937	1940	rVV2	108834	159925	7.07%	1.041%
46	13.672	1940	1944	1952	rVB4	79670	173548	7.67%	1.129%
47	13.751	1952	1957	1962	rBV	89083	131654	5.82%	0.857%
48	13.824	1965	1969	1975	rVB	36895	57458	2.54%	0.374%
49	13.885	1975	1979	1982	rBV	42645	71047	3.14%	0.462%
50	13.916	1982	1984	1988	rVB	45656	52306	2.31%	0.340%
51	13.970	1988	1993	1998	rVB3	200345	301292	13.32%	1.960%
52	14.031	1998	2003	2007	rBV2	21640	34373	1.52%	0.224%
53	14.080	2007	2011	2017	rVB2	99920	156100	6.90%	1.016%
54	14.153	2017	2023	2027	rBV5	13500	28443	1.26%	0.185%
55	14.220	2028	2034	2036	rBV2	36447	62699	2.77%	0.408%
56	14.300	2042	2047	2050	rBV	77337	115295	5.10%	0.750%
57	14.336	2050	2053	2057	rVB	75973	103463	4.58%	0.673%
58	14.385	2057	2061	2064	rBV	50666	69643	3.08%	0.453%
59	14.422	2064	2067	2070	rVB3	22392	27068	1.20%	0.176%
60	14.525	2080	2084	2087	rBV	31994	43182	1.91%	0.281%
61	14.568	2087	2091	2095	rVV2	116015	195556	8.65%	1.272%
62	14.611	2095	2098	2103	rVB	111495	155094	6.86%	1.009%
63	14.684	2103	2110	2115	rBV4	181973	409613	18.11%	2.665%
64	14.739	2115	2119	2125	rVB2	63643	106673	4.72%	0.694%
65	14.909	2143	2147	2148	rBV3	25978	33907	1.50%	0.221%
66	14.946	2149	2153	2157	rBV3	75194	116538	5.15%	0.758%
67	15.056	2165	2171	2182	rVB3	75844	153999	6.81%	1.002%
68	15.239	2192	2201	2207	rVB	169503	330798	14.63%	2.152%
69	15.348	2214	2219	2223	rBV4	46033	79945	3.54%	0.520%
70	15.397	2223	2227	2230	rVV3	24413	42521	1.88%	0.277%
71	15.434	2230	2233	2241	rVB4	56133	93106	4.12%	0.606%
72	15.531	2243	2249	2255	rBV	52566	104616	4.63%	0.681%
73	15.818	2293	2296	2301	rVB3	17896	25939	1.15%	0.169%
74	15.891	2302	2308	2324	rVB4	29029	91976	4.07%	0.598%
75	16.293	2367	2374	2381	rBV	184872	360412	15.94%	2.345%
76	16.488	2400	2406	2415	rVB	78418	164509	7.28%	1.070%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

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\82Y041221S.M
Title : SW846 8260

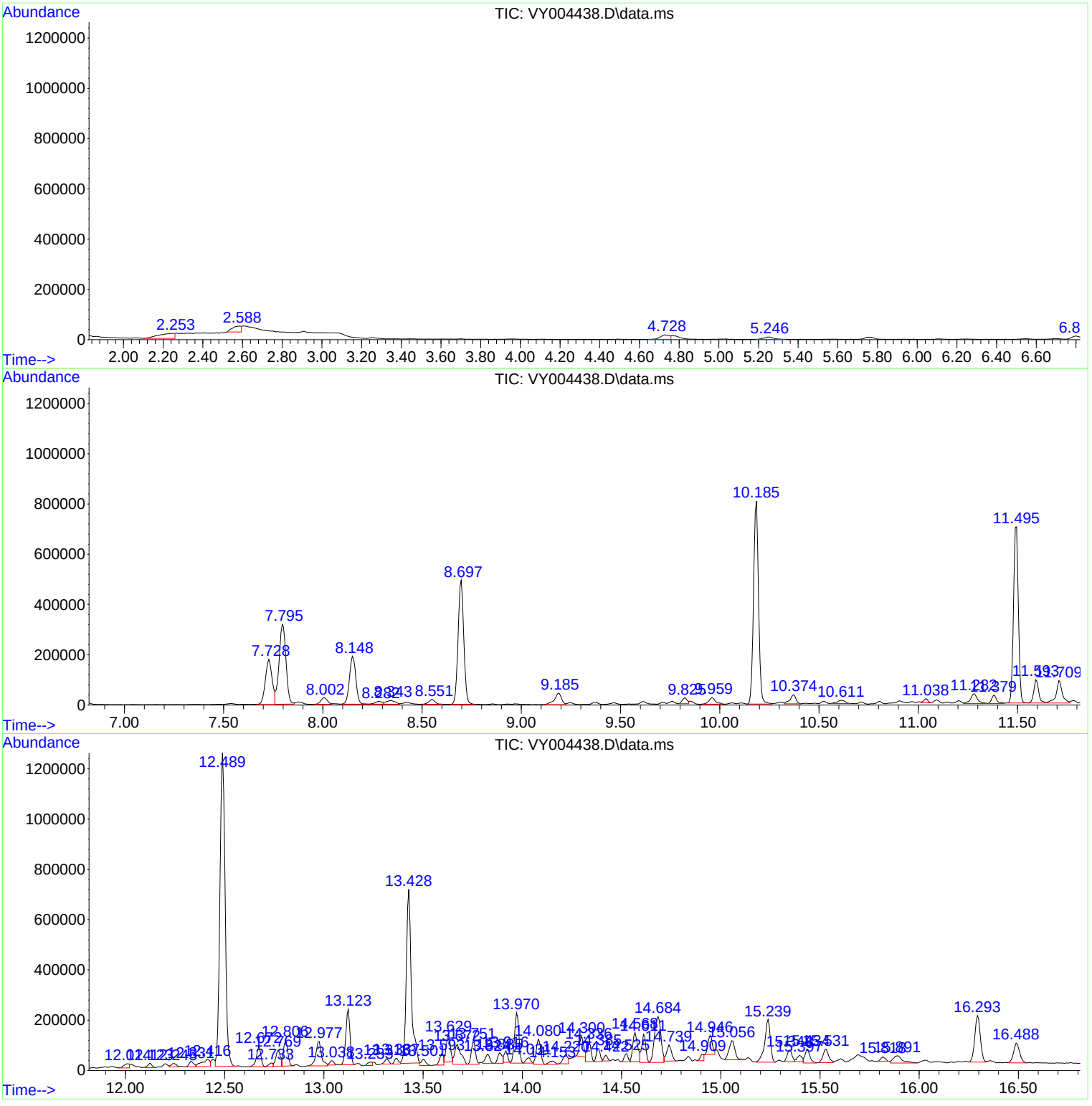
Sum of corrected areas: 15369877

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

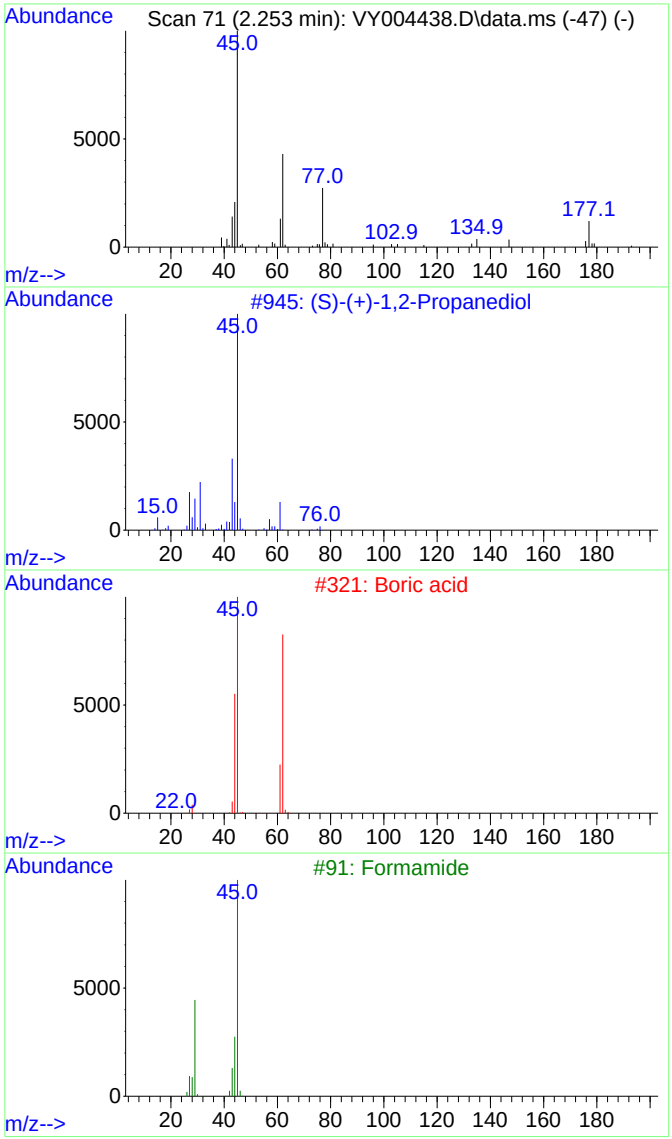
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

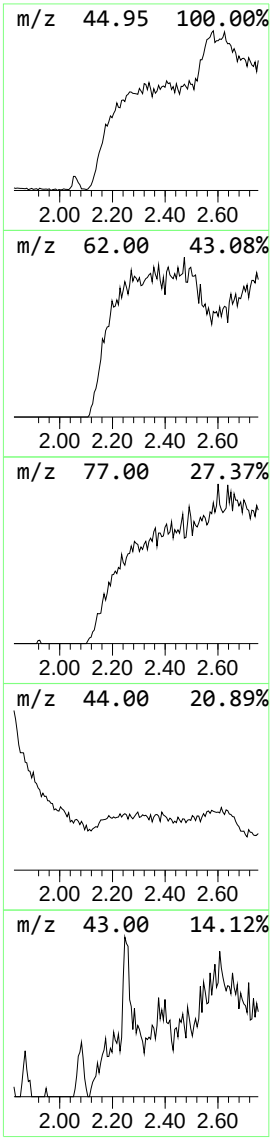
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown2.253 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.253	7.60 ug/l	115438	Pentafluorobenzene	7.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	10
2	Boric acid	62	BH3O3	010043-35-3	9
3	Formamide	45	CH3NO	000075-12-7	5
4	Peroxide, dimethyl	62	C2H6O2	000690-02-8	5
5	Propylene Glycol	76	C3H8O2	000057-55-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

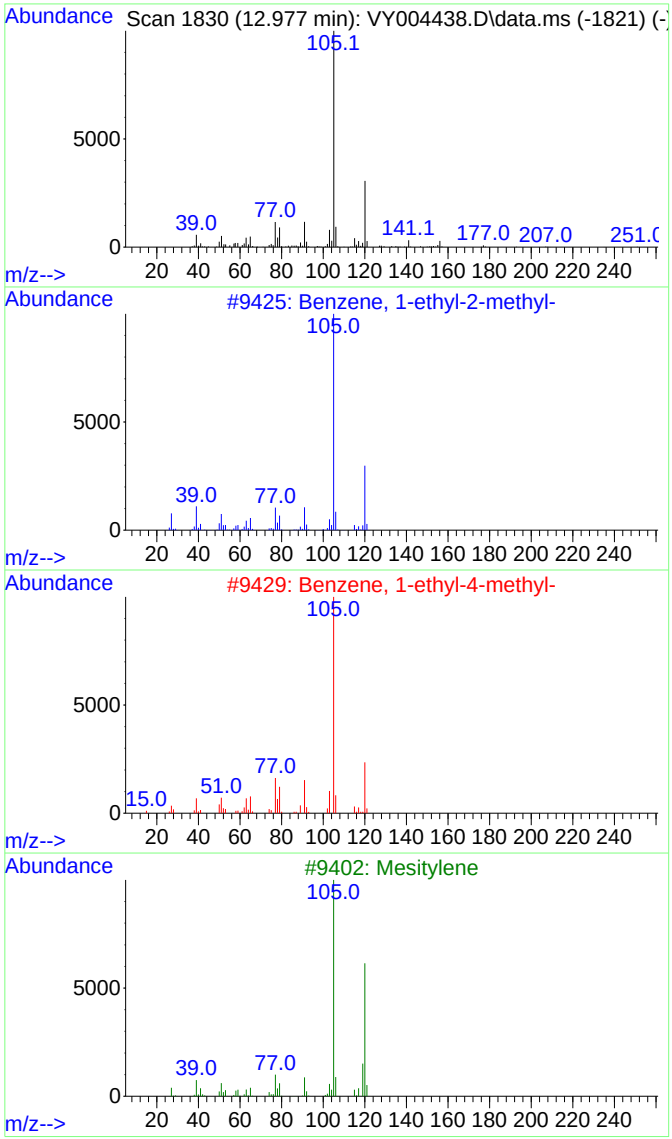
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

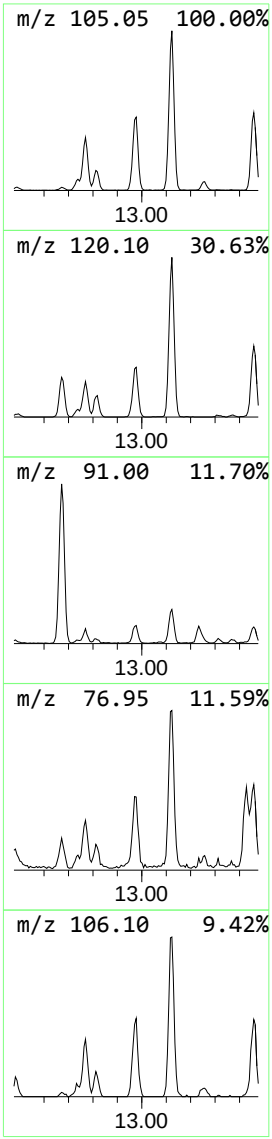
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	7.80 ug/l	189582	1,4-Dichlorobenzene-d4	13.428

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-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

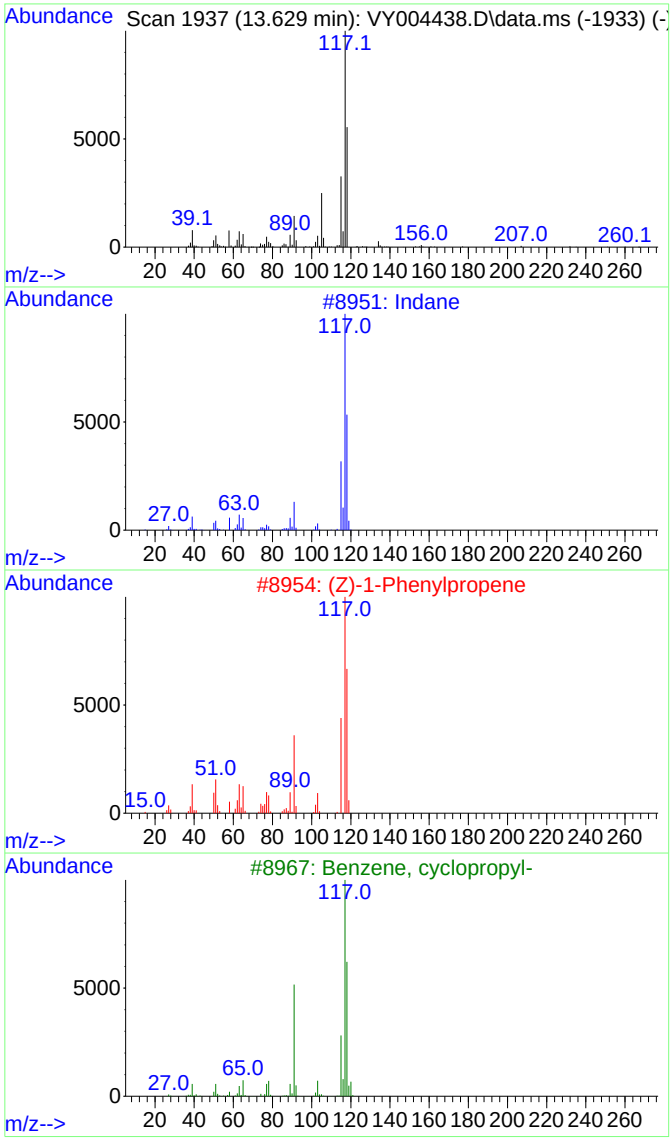
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

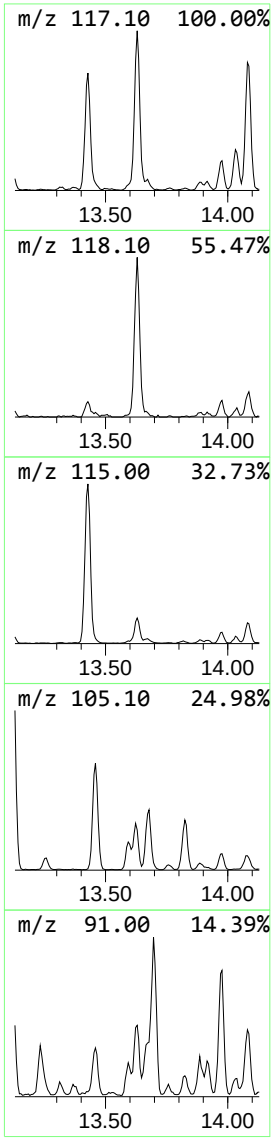
****

Peak Number 3 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	6.58 ug/l	159925	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	62
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

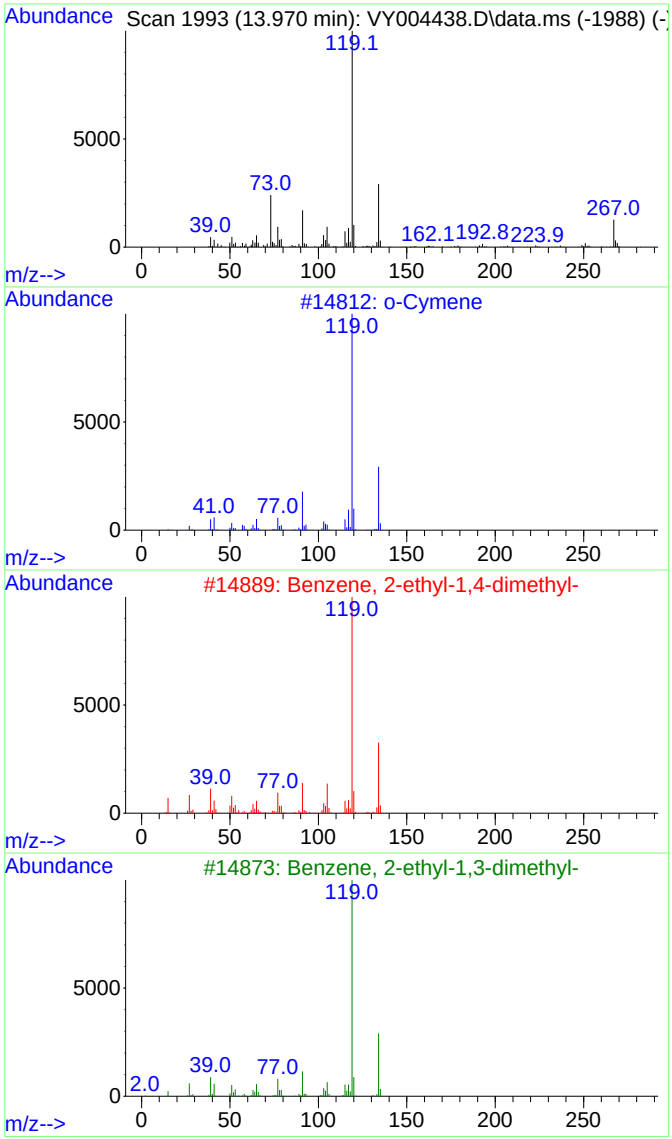
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

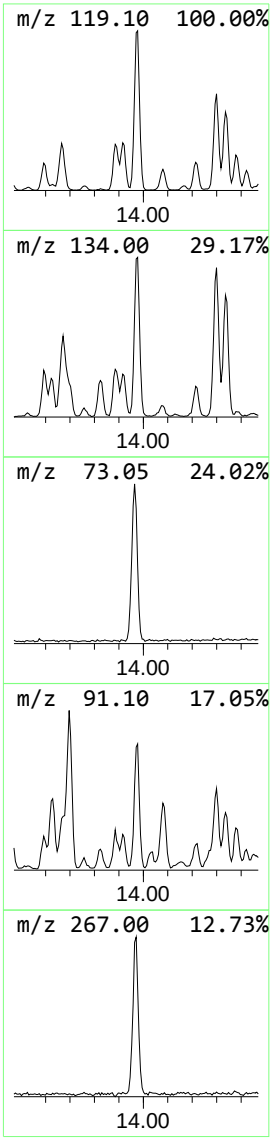
****

Peak Number 4 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	12.40 ug/l	301292	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

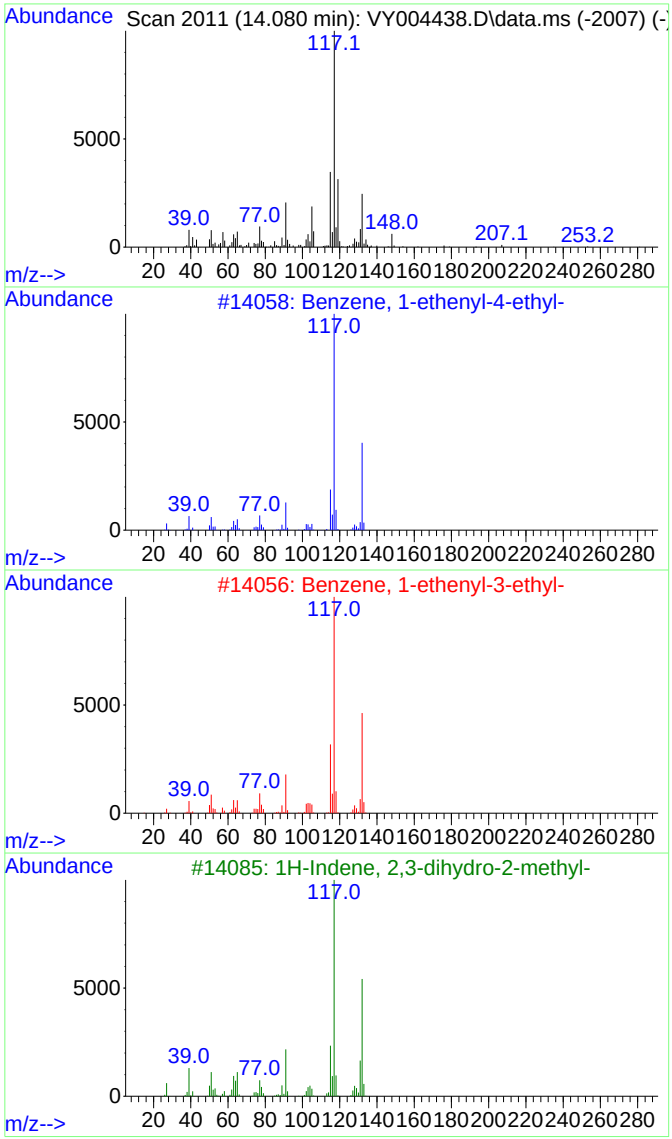
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

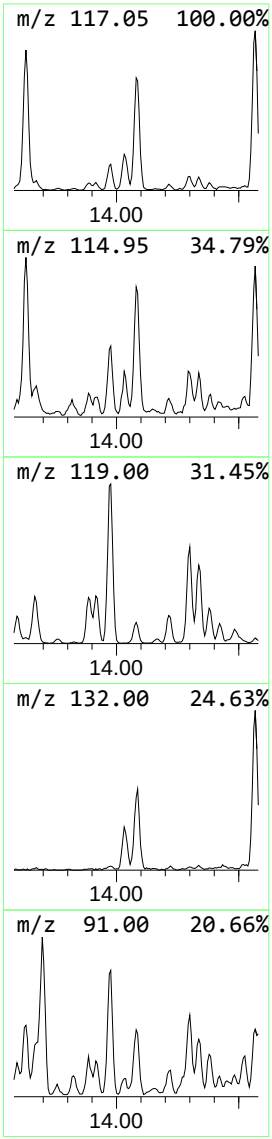
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.080	6.42 ug/l	156100	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	68
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	68
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
5	Indan, 1-methyl-	132	C10H12	000767-58-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

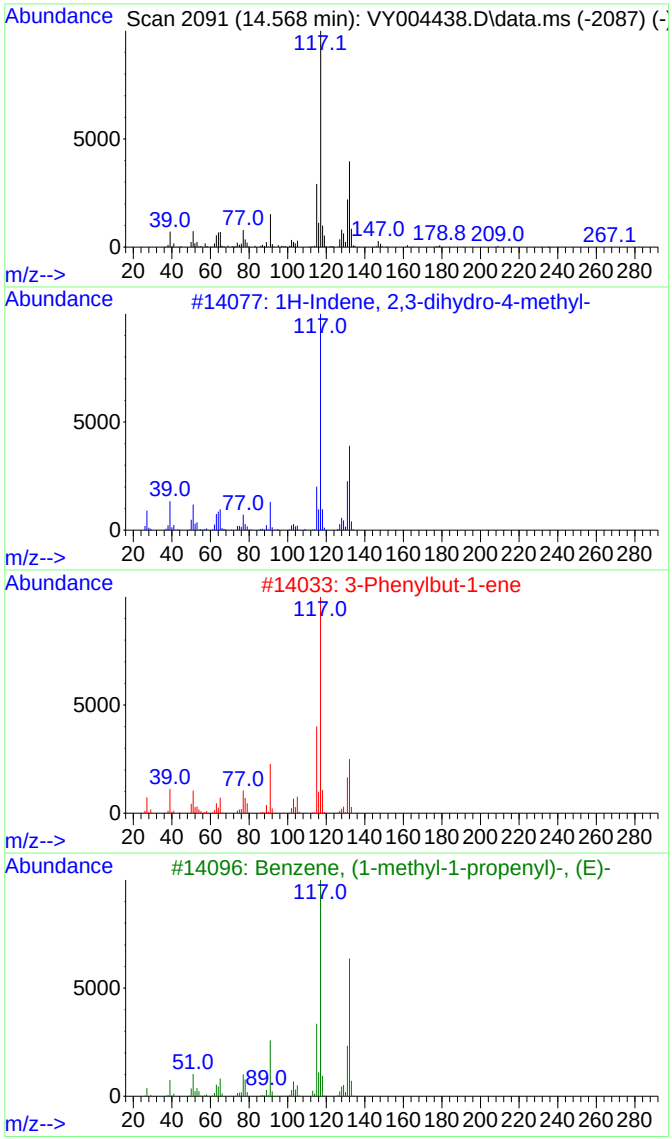
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

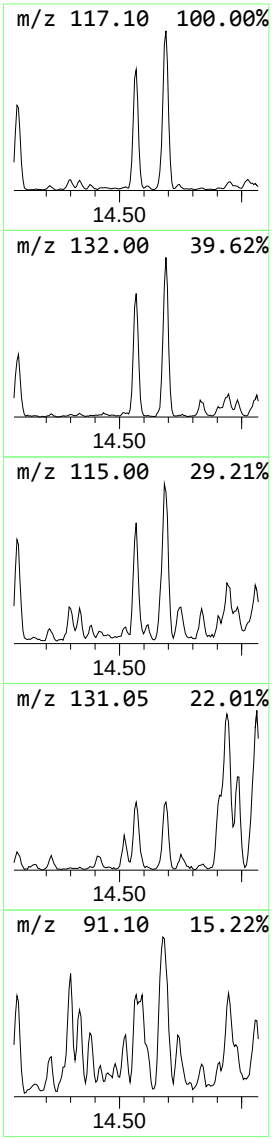
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.568	8.05 ug/l	195556	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FILL-B-3

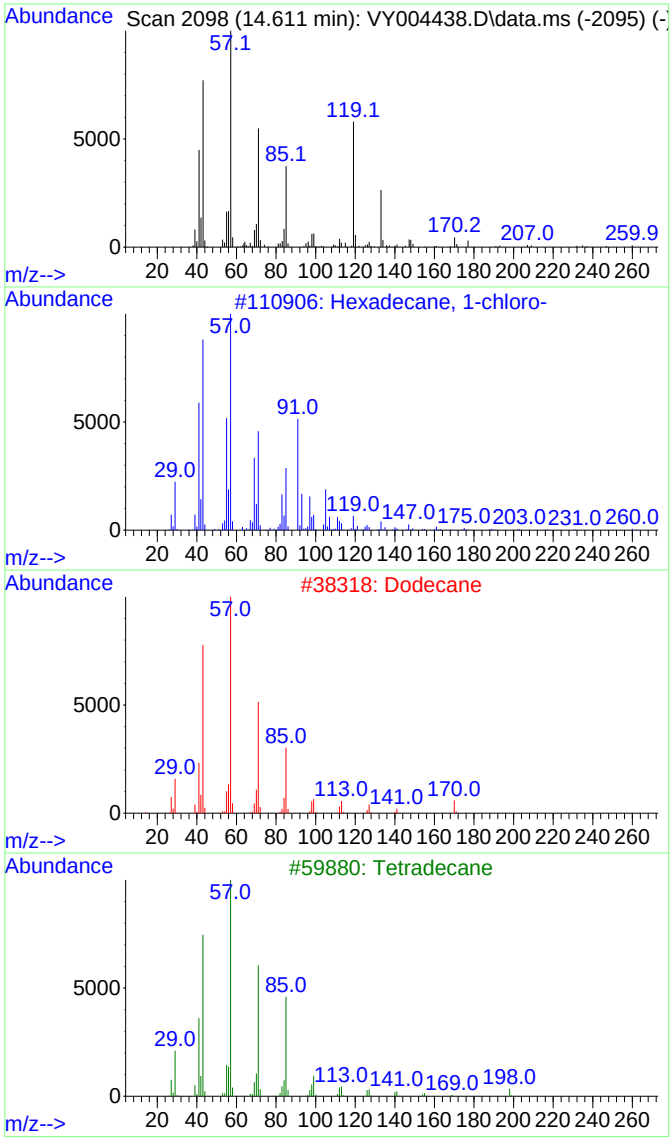
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

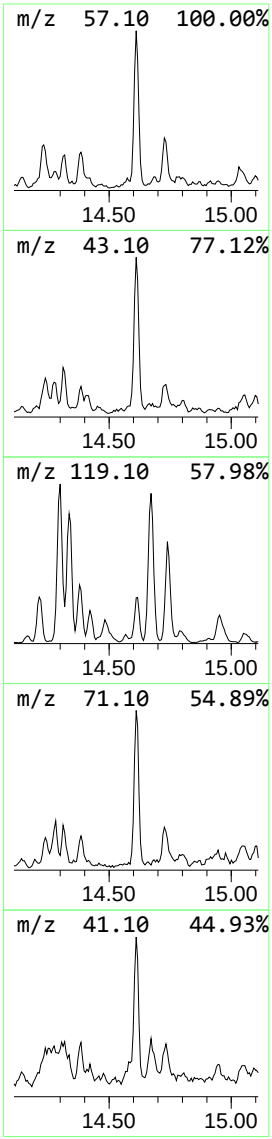
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexadecane, 1-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	6.38 ug/l	155094	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	60
2	Dodecane	170	C12H26	000112-40-3	55
3	Tetradecane	198	C14H30	000629-59-4	43
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	43
5	Tridecane	184	C13H28	000629-50-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

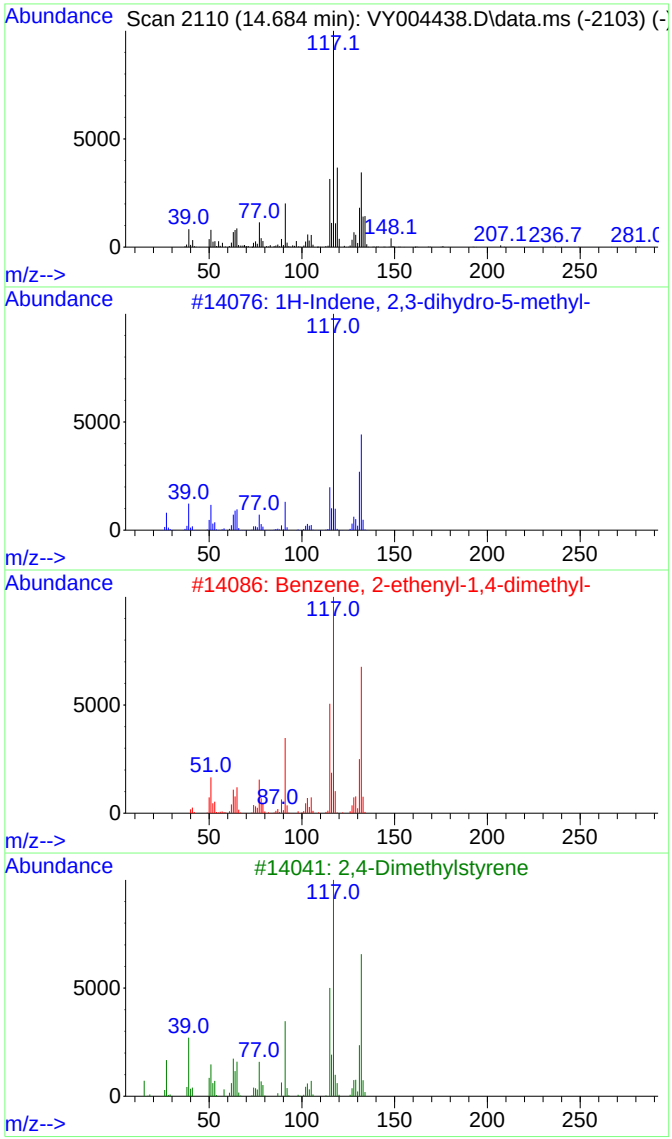
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260

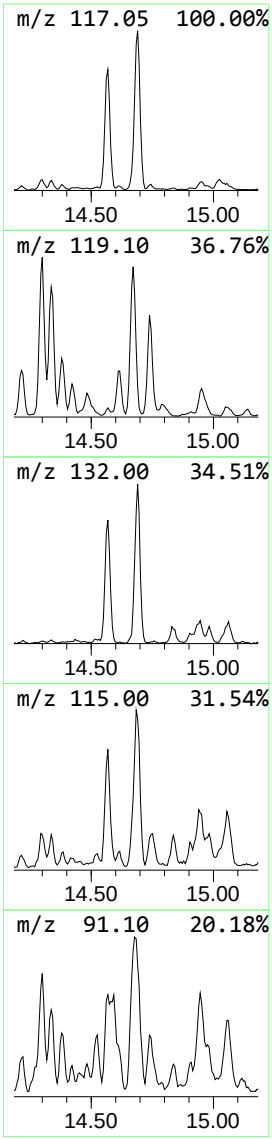
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	16.85 ug/l	409613	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
Data File : VY004438.D
Acq On : 15 Apr 2021 14:11
Operator : SY/MD
Sample : M2040-05
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : FILL-B-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.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
unknown2.253	2.253	7.6	ug/l	115438	1	7.795	759402	50.0
Benzene, 1-ethy...	12.977	7.8	ug/l	189582	4	13.428	1215210	50.0
Indane	13.629	6.6	ug/l	159925	4	13.428	1215210	50.0
o-Cymene	13.970	12.4	ug/l	301292	4	13.428	1215210	50.0
Benzene, 1-ethe...	14.080	6.4	ug/l	156100	4	13.428	1215210	50.0
1H-Indene, 2,3-...	14.568	8.1	ug/l	195556	4	13.428	1215210	50.0
Hexadecane, 1-c...	14.611	6.4	ug/l	155094	4	13.428	1215210	50.0
1H-Indene, 2,3-...	14.684	16.9	ug/l	409613	4	13.428	1215210	50.0