LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077838.D
Acq On : 12 Dec 2023 13:30
Operator : JC/SY
Sample : 05701-01
Misc : 5.08G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TR-06-120723

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_D\Method\82D120823S.M
Title : SW846 8260

Signal : TIC: VD077838.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.687	12	17	20	rBV	13380	23112	2.82%	0.361%
2	1.746	20	27	41	rVB	329464	571366	69.80%	8.919%
3	4.811	539	548	551	rBV4	5257	11730	1.43%	0.183%
4	7.063	928	931	942	rVB5	5128	12479	1.52%	0.195%
5	7.810	1046	1058	1064	rBV	109716	272885	33.34%	4.260%
6	7.875	1064	1069	1081	rVB2	158039	362498	44.28%	5.658%
7	8.234	1118	1130	1139	rBV2	94250	219812	26.85%	3.431%
8	8.781	1214	1223	1231	rBV	275242	554819	67.78%	8.660%
9	10.269	1467	1476	1488	rBV	442015	818578	100.00%	12.778%
10	11.587	1690	1700	1709	rBV	404987	717216	87.62%	11.195%
11	12.575	1861	1868	1879	rVB	317226	520936	63.64%	8.132%
12	12.828	1906	1911	1915	rBV3	9209	12245	1.50%	0.191%
13	12.904	1919	1924	1929	rVV5	15863	30653	3.74%	0.478%
14	13.069	1948	1952	1955	rBV4	7425	10462	1.28%	0.163%
15	13.134	1959	1963	1970	rVB5	7618	14348	1.75%	0.224%
16	13.210	1970	1976	1982	rBV5	10570	20483	2.50%	0.320%
17	13.410	2004	2010	2014	rBV5	12818	27782	3.39%	0.434%
18	13.463	2014	2019	2021	rVV6	5767	10876	1.33%	0.170%
19	13.522	2021	2029	2039	rVB	401531	690340	84.33%	10.776%
20	13.716	2058	2062	2066	rVV2	22590	41684	5.09%	0.651%
21	13.757	2066	2069	2078	rVV6	16009	34401	4.20%	0.537%
22	13.845	2079	2084	2090	rVV5	20572	36457	4.45%	0.569%
23	13.922	2090	2097	2103	rVV3	13296	30103	3.68%	0.470%
24	13.975	2103	2106	2109	rVV3	11060	15767	1.93%	0.246%
25	14.010	2109	2112	2116	rVV6	14122	23067	2.82%	0.360%
26	14.063	2116	2121	2126	rVV3	21609	35197	4.30%	0.549%
27	14.169	2134	2139	2145	rVB3	29097	49873	6.09%	0.778%
28	14.228	2145	2149	2152	rBV5	6736	12024	1.47%	0.188%
29	14.304	2156	2162	2165	rBV7	10432	17331	2.12%	0.271%
30	14.345	2165	2169	2174	rVV7	16924	33583	4.10%	0.524%
31	14.392	2174	2177	2179	rVV4	9223	13477	1.65%	0.210%
32	14.422	2179	2182	2186	rVV2	15496	22758	2.78%	0.355%
33	14.469	2186	2190	2194	rVV2	14438	18938	2.31%	0.296%
34	14.510	2194	2197	2203	rVB5	17600	26927	3.29%	0.420%
35	14.575	2203	2208	2210	rBV6	8374	13177	1.61%	0.206%
36	14.610	2210	2214	2218	rVV4	12425	22689	2.77%	0.354%

LSC Area Percent Report

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TR-06-120723

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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

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Title : SW846 8260

37	14.657	2218	2222	2227	rVV3	20807	39597	4.84%	0.618%
38	14.698	2227	2229	2235	rVB5	20710	30254	3.70%	0.472%
39	14.775	2235	2242	2248	rBV5	50856	122440	14.96%	1.911%
40	14.828	2248	2251	2257	rVB7	17525	28880	3.53%	0.451%
41	14.928	2262	2268	2274	rVB2	33708	62458	7.63%	0.975%
42	15.039	2277	2287	2290	rBV4	26882	65195	7.96%	1.018%
43	15.069	2290	2292	2300	rVV5	15207	29591	3.61%	0.462%
44	15.157	2300	2307	2312	rVB3	28678	61170	7.47%	0.955%
45	15.310	2327	2333	2336	rBV8	12125	24257	2.96%	0.379%
46	15.392	2342	2347	2351	rBV3	23329	40414	4.94%	0.631%
47	15.445	2351	2356	2359	rBV6	19007	34985	4.27%	0.546%
48	15.534	2368	2371	2378	rVB6	15195	28886	3.53%	0.451%
49	15.634	2380	2388	2395	rBV4	25819	61527	7.52%	0.960%
50	15.704	2395	2400	2404	rBV7	6196	12326	1.51%	0.192%
51	15.792	2408	2415	2417	rBV7	17459	36248	4.43%	0.566%
52	15.834	2417	2422	2427	rVB4	54288	101370	12.38%	1.582%
53	15.916	2433	2436	2438	rBV4	7735	9969	1.22%	0.156%
54	15.992	2444	2449	2455	rVB6	12956	27538	3.36%	0.430%
55	16.139	2467	2474	2485	rBV4	33222	77065	9.41%	1.203%
56	16.339	2499	2508	2514	rBV3	36770	85975	10.50%	1.342%
57	16.398	2515	2518	2527	rVB8	12033	25175	3.08%	0.393%
58	16.616	2546	2555	2559	rBV8	11587	34384	4.20%	0.537%
59	16.733	2569	2575	2576	rBV4	12433	16591	2.03%	0.259%

Sum of corrected areas: 6406368

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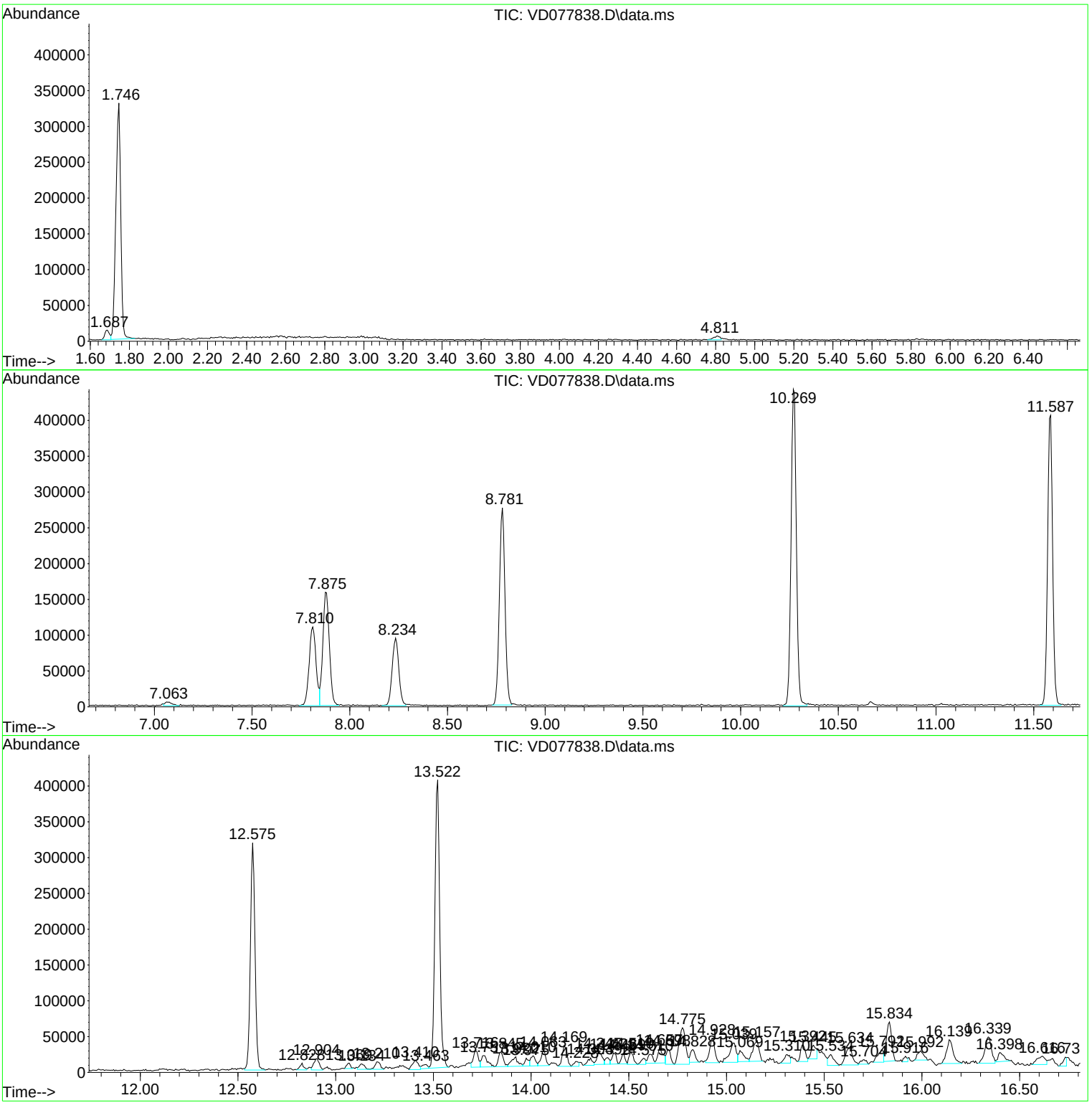
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-120723

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077838.D
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Operator : JC/SY
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Instrument :
MSVOA_D
ClientSampleId :
TR-06-120723

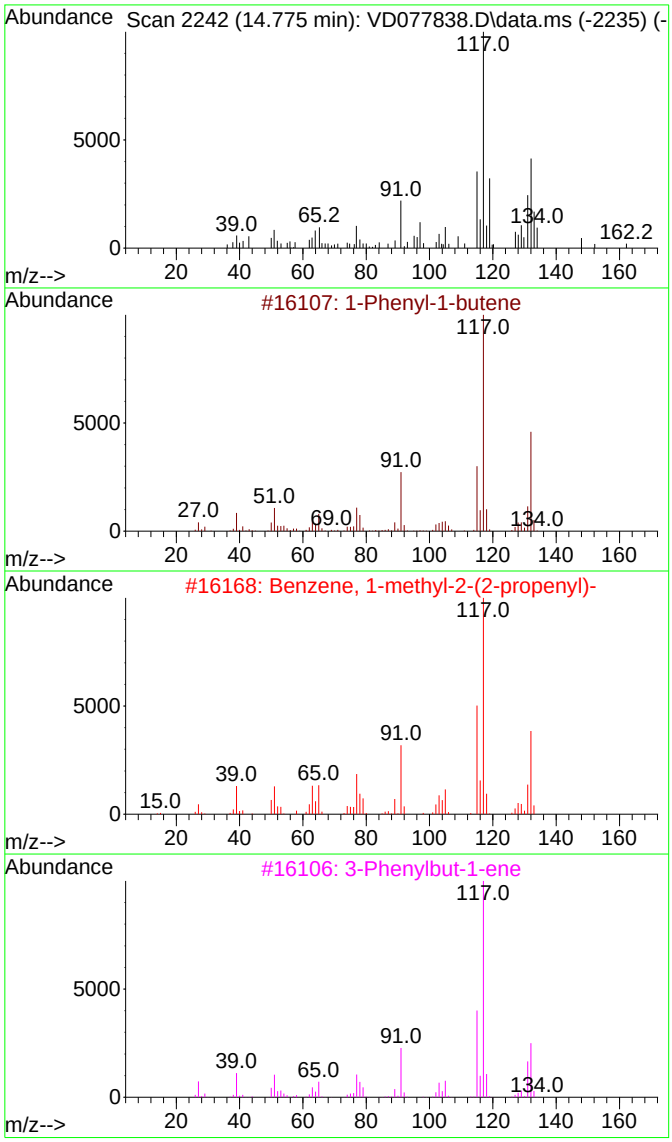
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

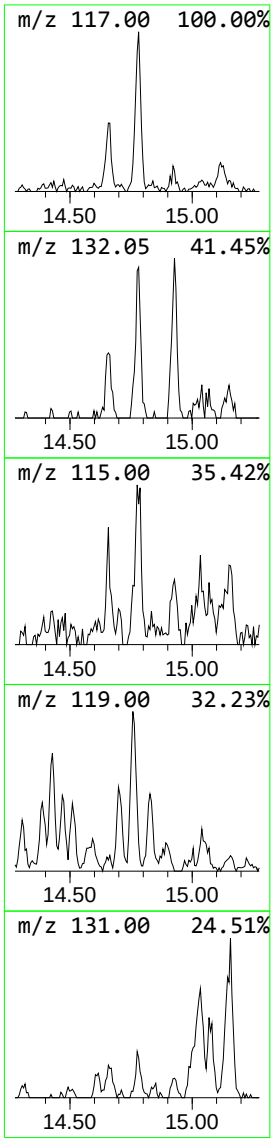
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.775	8.87 ug/l	122440	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077838.D
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Operator : JC/SY
Sample : 05701-01
Misc : 5.08G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-120723

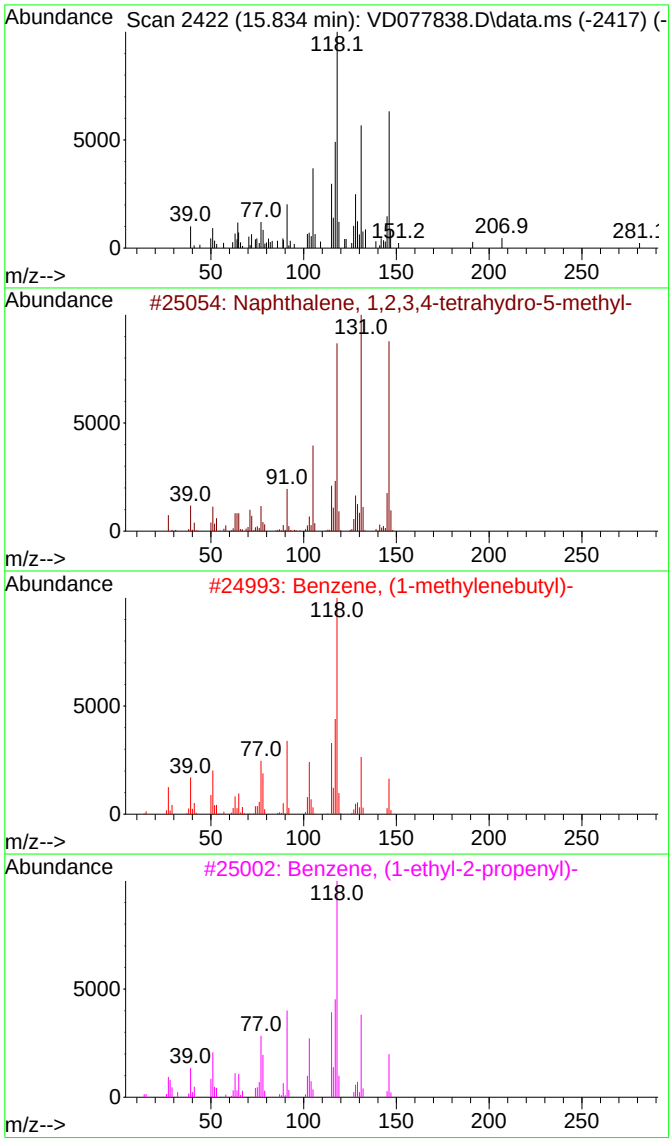
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

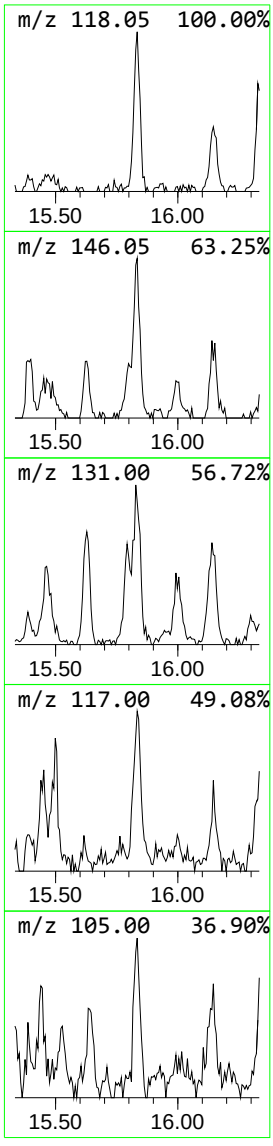
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.834	7.34 ug/l	101370	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	87
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
4	1H-Indol-4-ylmethylamine	146	C9H10N2	003468-18-6	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-120723

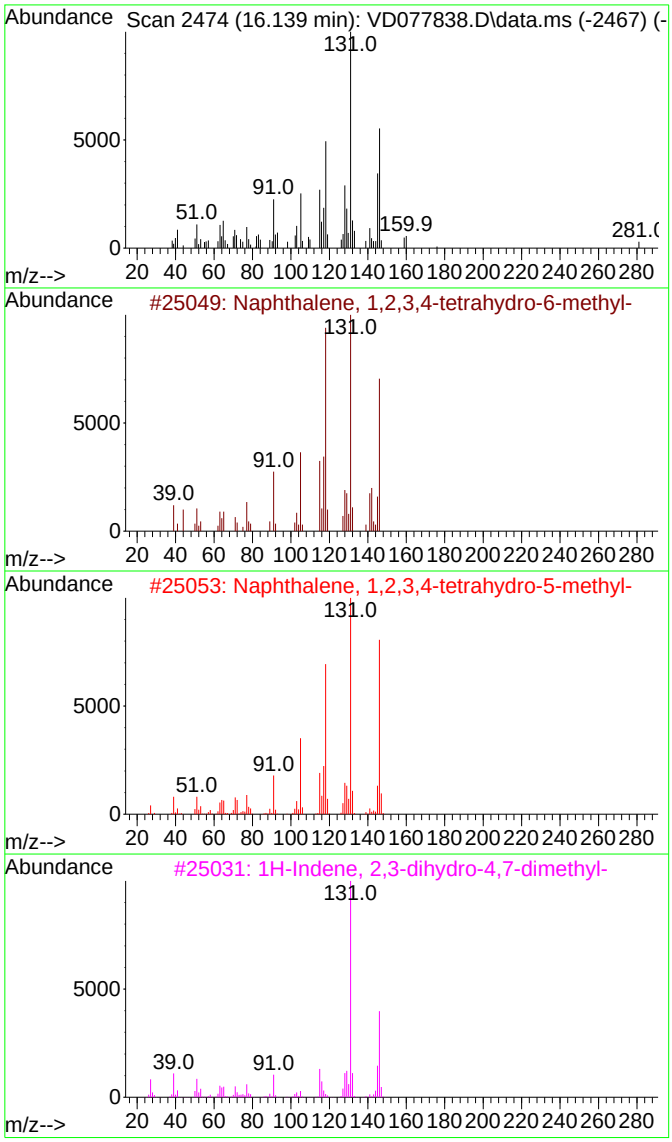
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

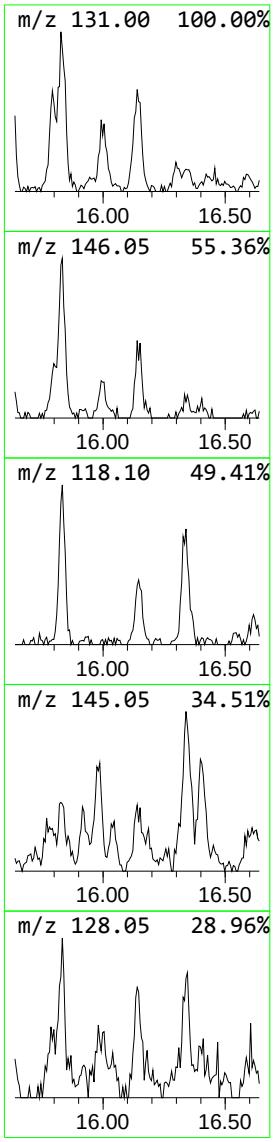
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.139	5.58 ug/l	77065	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	64
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62





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Sample : 05701-01
Misc : 5.08G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-06-120723

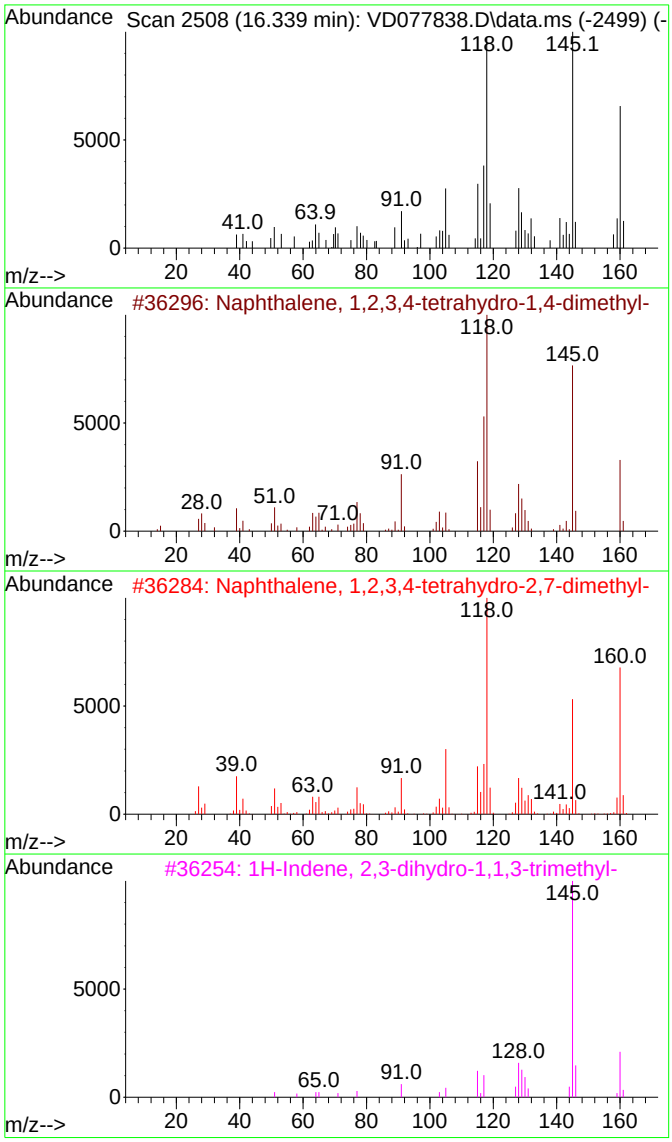
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

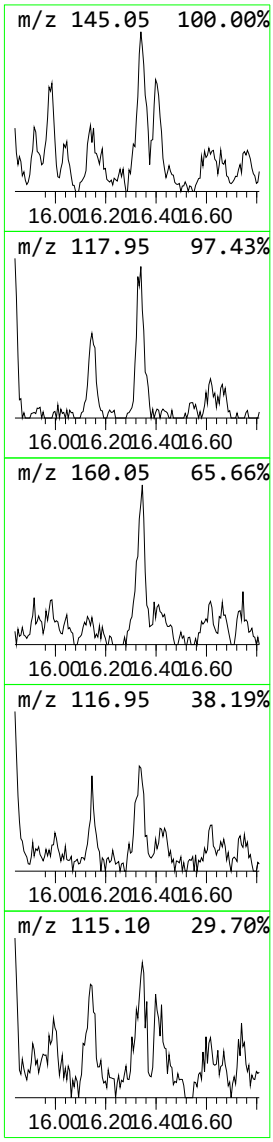
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	6.23 ug/l	85975	1,4-Dichlorobenzene-d4	13.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	89
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	86
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	86





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Phenyl-1-butene	14.775	8.9	ug/l	122440	4	13.522	690340	50.0
Naphthalene, 1,...	15.834	7.3	ug/l	101370	4	13.522	690340	50.0
Naphthalene, 1,...	16.139	5.6	ug/l	77065	4	13.522	690340	50.0
Naphthalene, 1,...	16.339	6.2	ug/l	85975	4	13.522	690340	50.0