LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081920\
Data File : VD066341.D
Acq On : 20 Aug 2020 03:40
Operator : VA/SY
Sample : L3689-10
Misc : 6.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-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_D\METHOD\82D080520S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.820	146	153	159	rBV2	5534	13135	1.60%	0.203%
2	4.967	505	518	532	rBV3	42469	143449	17.48%	2.220%
3	5.997	684	693	701	rVB5	5445	16429	2.00%	0.254%
4	7.914	1008	1019	1024	rBV2	130637	317253	38.66%	4.910%
5	7.979	1024	1030	1039	rVV	231635	521374	63.54%	8.068%
6	8.061	1039	1044	1051	rVB3	6613	13807	1.68%	0.214%
7	8.326	1080	1089	1103	rVB	110447	243892	29.72%	3.774%
8	8.861	1170	1180	1189	rBV	318795	647336	78.89%	10.018%
9	9.320	1252	1258	1261	rBV4	6242	11158	1.36%	0.173%
10	10.091	1384	1389	1394	rBV5	4414	8404	1.02%	0.130%
11	10.338	1422	1431	1439	rBV	454565	820573	100.00%	12.698%
12	10.502	1452	1459	1465	rVB4	4624	10180	1.24%	0.158%
13	10.679	1484	1489	1493	rVB3	10210	17570	2.14%	0.272%
14	11.243	1579	1585	1589	rBV5	7447	11781	1.44%	0.182%
15	11.296	1591	1594	1599	rVB3	8252	11861	1.45%	0.184%
16	11.443	1614	1619	1628	rVB4	13485	25291	3.08%	0.391%
17	11.643	1645	1653	1663	rBV	406459	720409	87.79%	11.148%
18	11.779	1671	1676	1681	rVB7	6130	9635	1.17%	0.149%
19	11.838	1681	1686	1689	rBV3	9359	17673	2.15%	0.273%
20	11.885	1691	1694	1696	rBV4	6822	9251	1.13%	0.143%
21	12.049	1716	1722	1728	rBV6	9376	17580	2.14%	0.272%
22	12.149	1731	1739	1744	rBV5	25096	60802	7.41%	0.941%
23	12.208	1745	1749	1752	rBV3	11867	17798	2.17%	0.275%
24	12.355	1763	1774	1784	rBV3	29771	102568	12.50%	1.587%
25	12.455	1784	1791	1796	rBV10	24466	56729	6.91%	0.878%
26	12.579	1807	1812	1815	rVB5	10541	15134	1.84%	0.234%
27	12.632	1815	1821	1828	rVB	340030	568950	69.34%	8.805%
28	12.726	1828	1837	1840	rBV8	21676	62161	7.58%	0.962%
29	12.796	1845	1849	1856	rVB5	28231	62722	7.64%	0.971%
30	12.885	1856	1864	1869	rBV8	25342	78158	9.52%	1.209%
31	12.967	1870	1878	1881	rBV8	21634	52997	6.46%	0.820%
32	13.096	1896	1900	1905	rVB5	23942	37913	4.62%	0.587%
33	13.190	1910	1916	1917	rBV6	13717	19703	2.40%	0.305%
34	13.279	1927	1931	1934	rBV4	20124	32411	3.95%	0.502%

LSC Area Percent Report

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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Title : SW846 8260

35	13.402	1947	1952	1956	rBV7	17868	37943	4.62%	0.587%
36	13.508	1966	1970	1972	rVB5	7520	9298	1.13%	0.144%
37	13.579	1975	1982	1990	rVB	364430	627116	76.42%	9.705%
38	13.655	1991	1995	1997	rBV5	6734	10002	1.22%	0.155%
39	13.767	2009	2014	2021	rBV9	8177	16607	2.02%	0.257%
40	13.902	2031	2037	2042	rBV6	65479	119548	14.57%	1.850%
41	14.114	2066	2073	2084	rVB8	37487	97887	11.93%	1.515%
42	14.232	2088	2093	2096	rBV7	11136	20114	2.45%	0.311%
43	14.290	2097	2103	2109	rBV8	25788	50138	6.11%	0.776%
44	14.367	2109	2116	2120	rBV4	18230	40408	4.92%	0.625%
45	14.408	2120	2123	2125	rBV3	36515	46712	5.69%	0.723%
46	14.579	2140	2152	2156	rBV5	47918	132245	16.12%	2.046%
47	14.626	2156	2160	2166	rVB9	17182	36320	4.43%	0.562%
48	14.732	2173	2178	2182	rBV5	12799	23260	2.83%	0.360%
49	14.773	2182	2185	2189	rVB5	11145	14976	1.83%	0.232%
50	14.832	2191	2195	2196	rBV4	11726	15350	1.87%	0.238%
51	14.884	2201	2204	2212	rVB9	15078	29267	3.57%	0.453%
52	15.032	2221	2229	2235	rBV10	24311	64291	7.83%	0.995%
53	15.167	2246	2252	2254	rBV6	18076	31816	3.88%	0.492%
54	15.308	2271	2276	2282	rVB7	13145	29644	3.61%	0.459%
55	15.361	2282	2285	2292	rVB7	12400	20398	2.49%	0.316%
56	15.455	2293	2301	2308	rBV10	18351	52106	6.35%	0.806%
57	15.561	2313	2319	2324	rVB4	37932	84944	10.35%	1.315%
58	15.902	2374	2377	2383	rVB8	7690	13509	1.65%	0.209%
59	16.002	2391	2394	2399	rVB7	6675	11706	1.43%	0.181%
60	16.084	2399	2408	2411	rBV10	7677	16627	2.03%	0.257%
61	16.226	2429	2432	2439	rVB7	7605	14220	1.73%	0.220%
62	16.708	2510	2514	2520	rVB10	10446	19481	2.37%	0.301%

Sum of corrected areas: 6462020

LSC Report - Integrated Chromatogram

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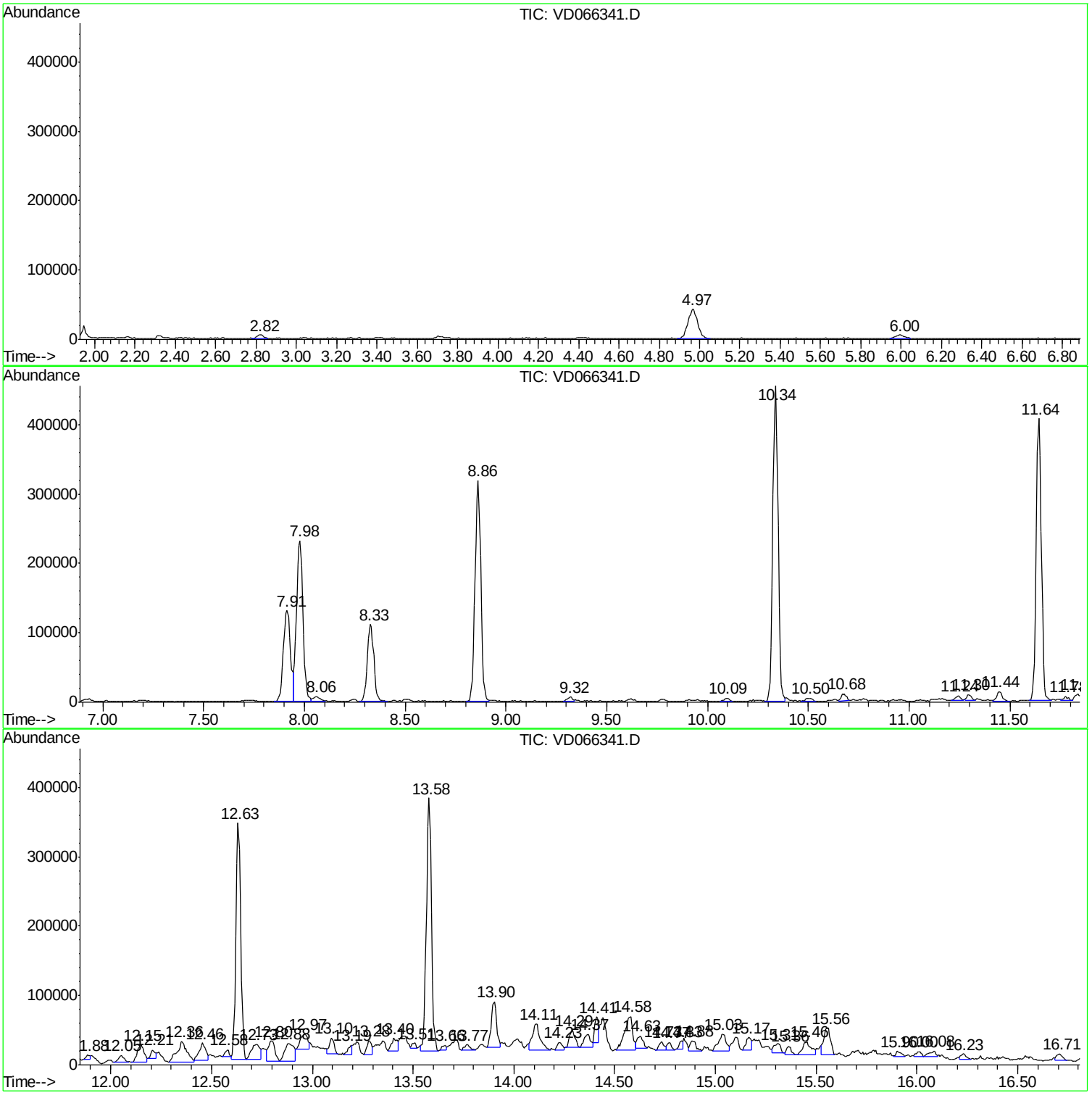
Data File : VD066341.D
Acq On : 20 Aug 2020 03:40
Operator : VA/SY
Sample : L3689-10
Misc : 6.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081920\
Data File : VD066341.D
Acq On : 20 Aug 2020 03:40
Operator : VA/SY
Sample : L3689-10
Misc : 6.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

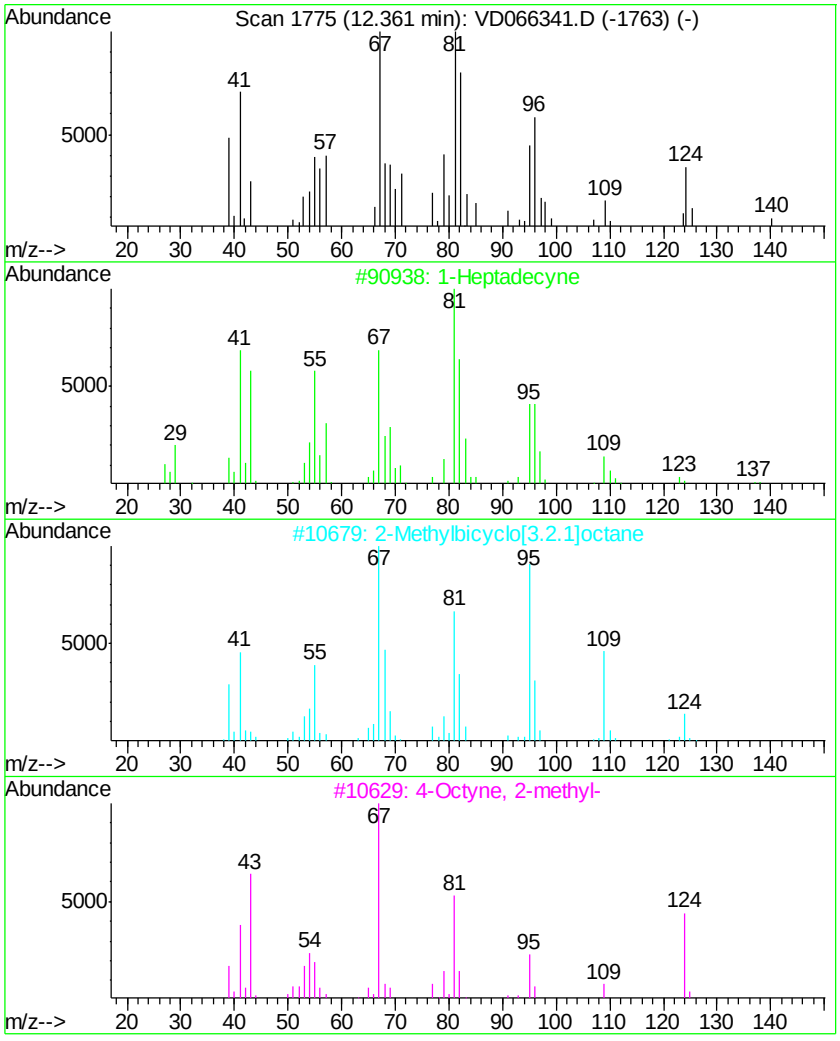
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

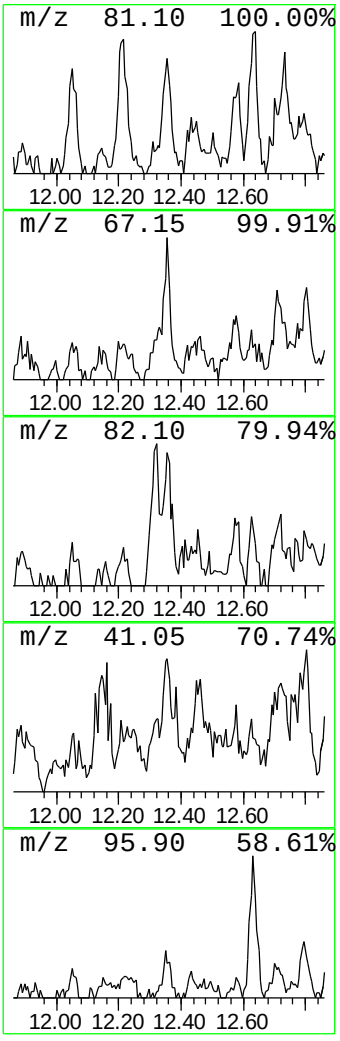
****

Peak Number 1 1-Heptadecyne Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	7.12 ug/l	102568	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecyne	236	C17H32	026186-00-5	64
2	2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	64
3	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	64
4	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	62
5	Propylidencyclohexane	124	C9H16	002129-93-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081920\
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Misc : 6.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

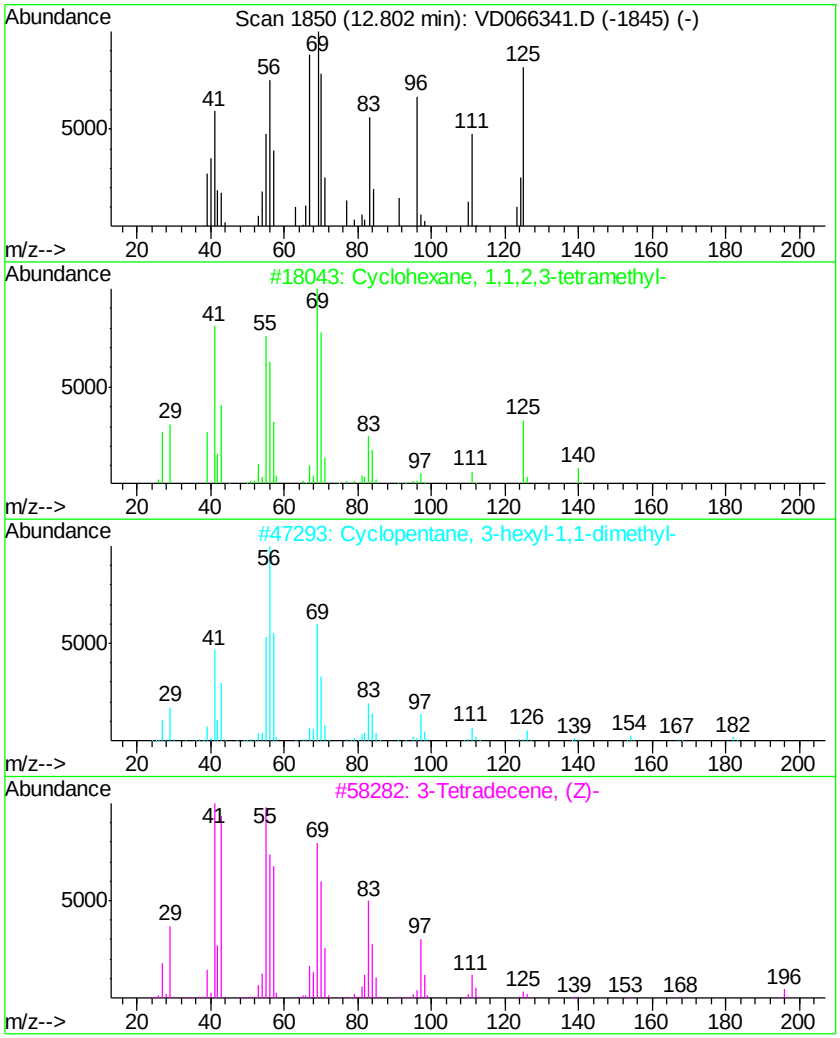
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

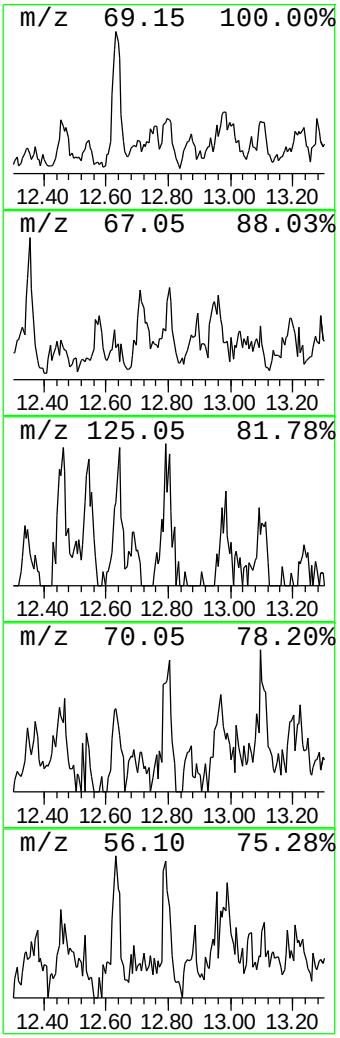
****

Peak Number 2 unknown12.80 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	5.00 ug/l	62722	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	38
2	Cyclopentane, 3-hexyl-1,1-dimethyl-	182	C13H26	061142-65-2	35
3	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	35
4	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	27
5	Bicyclo[2.2.1]heptan-2-one, 3,3-...	138	C9H14O	013211-15-9	25





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Data File : VD066341.D
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Operator : VA/SY
Sample : L3689-10
Misc : 6.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

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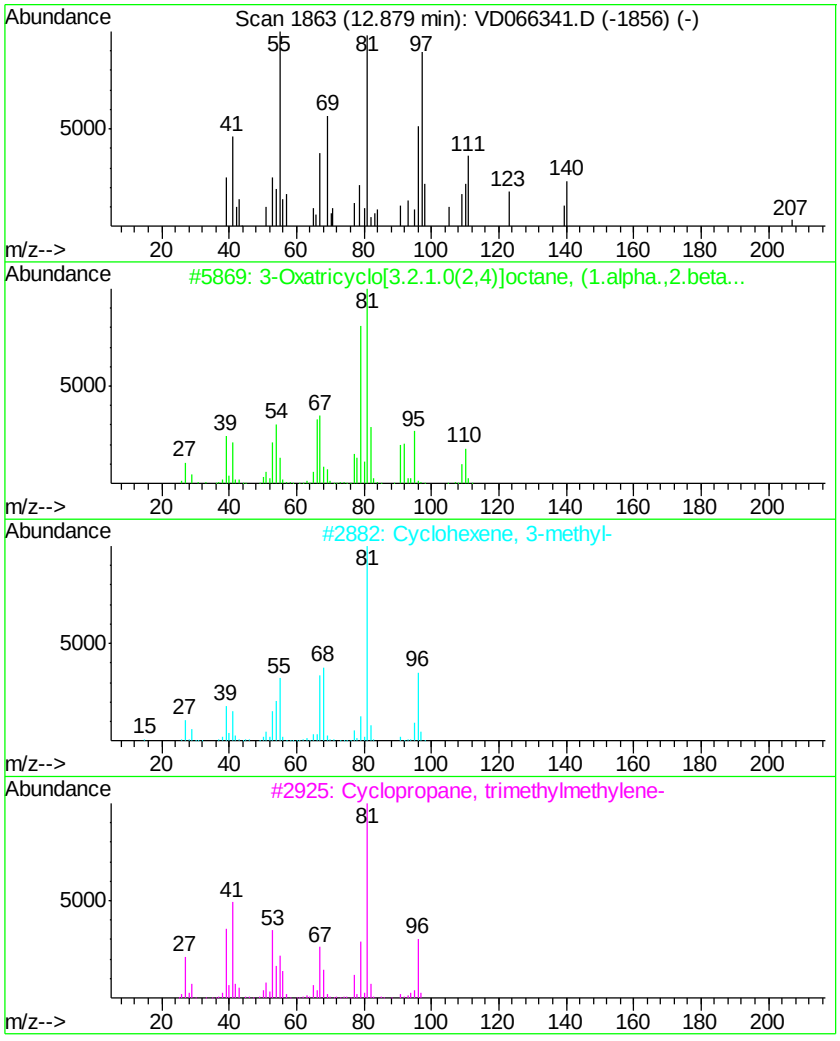
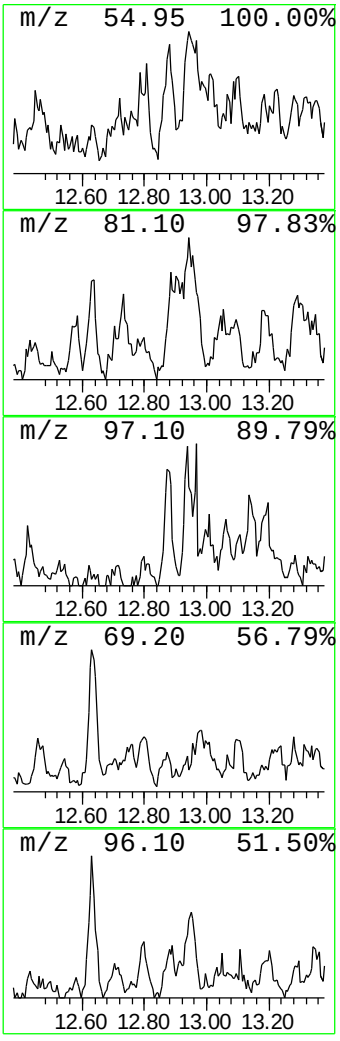
Peak Number 3 unknown12.88 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	6.23 ug/l	78158	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxatricyclo[3.2.1.0(2,4)]octan...	110	C7H10O	003146-39-2	38
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	35
3	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	35
4	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	30
5	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081920\
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Sample : L3689-10
Misc : 6.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

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

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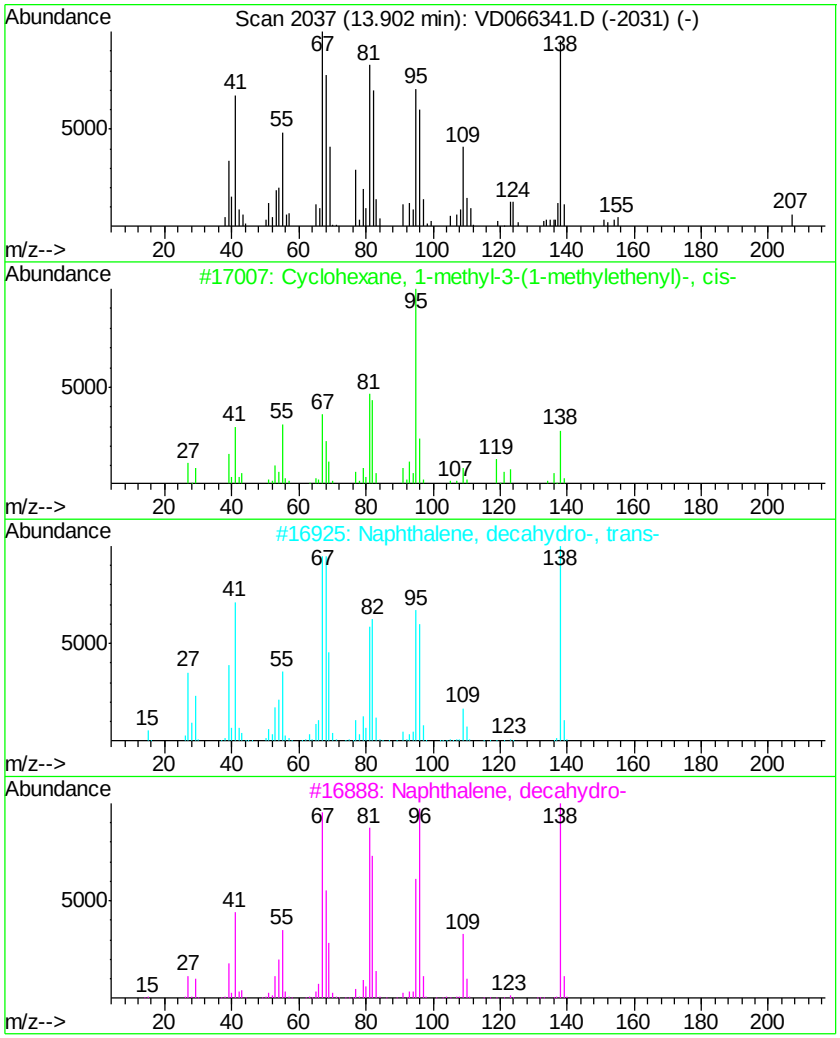
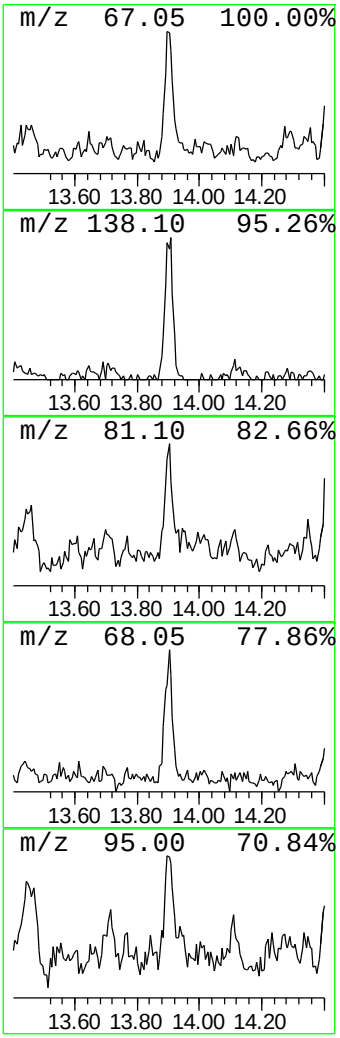
Peak Number 4 Cyclohexane, 1-methyl-3-(1-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	9.53 ug/l	119548	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	95
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
5	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	86





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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

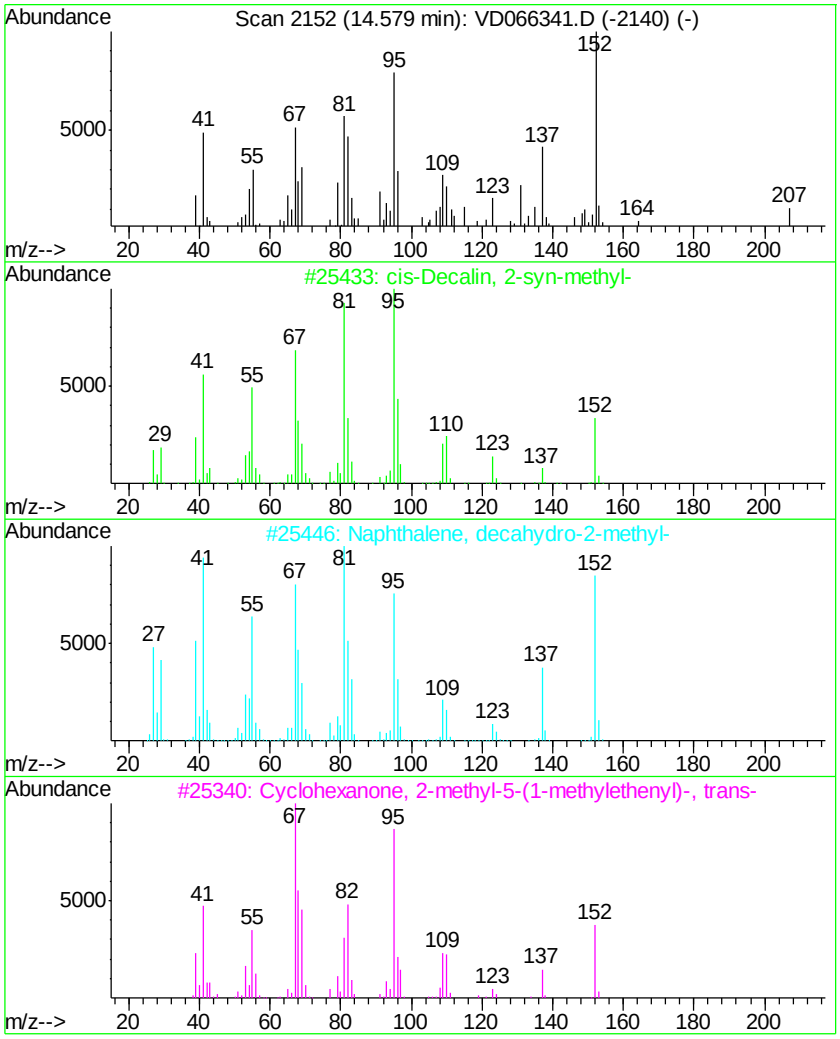
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

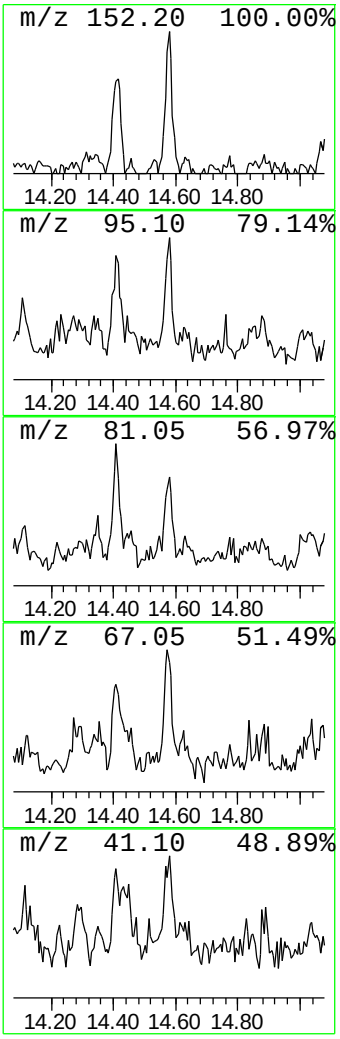
****

Peak Number 6 cis-Decalin, 2-syn-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	10.54 ug/l	132245	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	74
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	59
4	4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	58
5	2,3-Dimethoxytoluene	152	C9H12O2	004463-33-6	38





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260

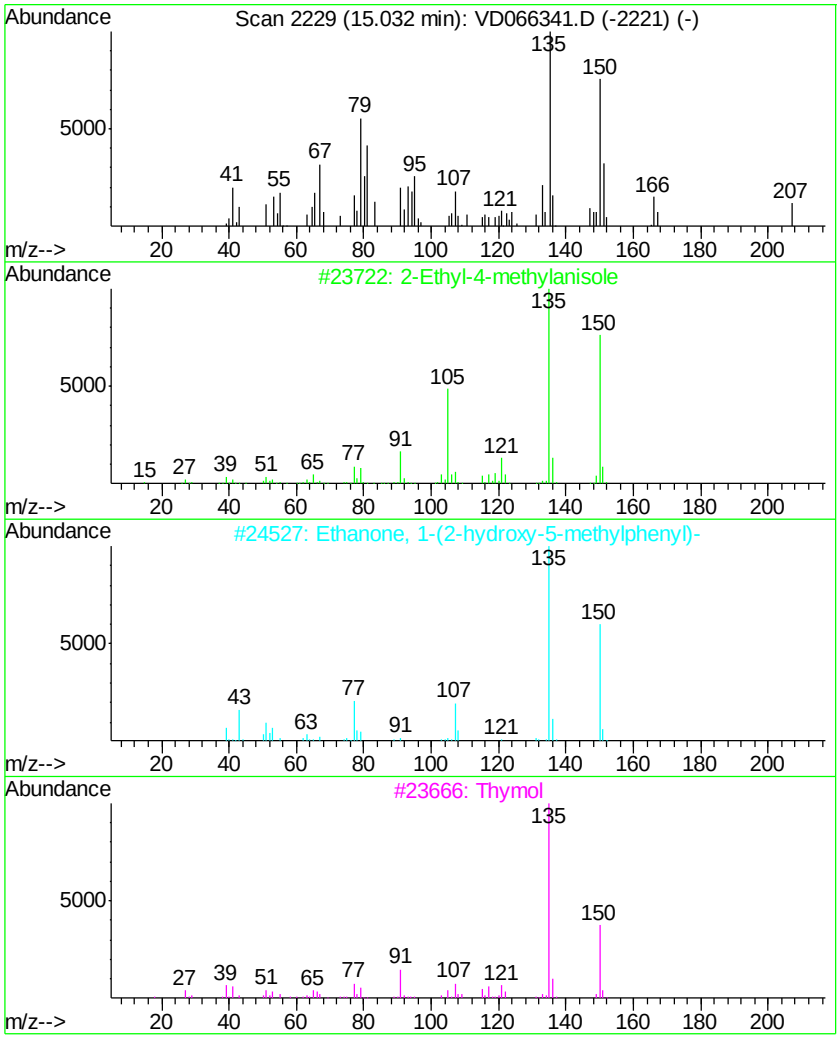
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

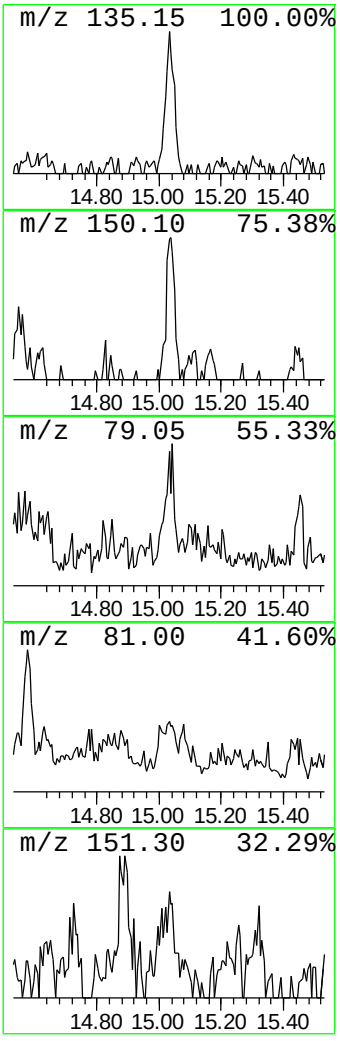
****

Peak Number 7 2-Ethyl-4-methylanisole Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	5.13 ug/l	64291	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-4-methylanisole	150	C10H14O	079744-78-8	50
2	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	49
3	Thymol	150	C10H14O	000089-83-8	46
4	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	46
5	Acetic acid, cyano-2-pyrrolidiny...	166	C8H10N2O2	083132-84-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081920\
Data File : VD066341.D
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Sample : L3689-10
Misc : 6.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.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
1-Heptadecyne	12.36	7.1	ug/l	102568	3	11.64	720409	50.0
unknown12.80	12.80	5.0	ug/l	62722	4	13.58	627116	50.0
unknown12.88	12.88	6.2	ug/l	78158	4	13.58	627116	50.0
Cyclohexane, 1-me...	13.90	9.5	ug/l	119548	4	13.58	627116	50.0
cis-Decalin, 2-sy...	14.58	10.5	ug/l	132245	4	13.58	627116	50.0
2-Ethyl-4-methyla...	15.03	5.1	ug/l	64291	4	13.58	627116	50.0