LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
Data File : VW008184.D
Acq On : 11 Jan 2019 08:40
Operator : SY/AP
Sample : K1102-03
Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CPSB-02(15-20)

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_W\METHOD\82W010819S.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	4.135	358	366	375	rVB	5361	14880	2.78%	0.371%
2	4.909	484	493	502	rBV2	9828	30803	5.75%	0.769%
3	7.141	851	859	867	rBV	8681	27180	5.07%	0.678%
4	7.884	971	981	986	rBV2	66541	165049	30.79%	4.120%
5	7.945	986	991	1000	rVB	125581	271696	50.69%	6.782%
6	8.159	1018	1026	1030	rBV8	3277	6987	1.30%	0.174%
7	8.305	1036	1050	1058	rVB2	66298	157853	29.45%	3.940%
8	8.433	1061	1071	1076	rBV2	4166	10592	1.98%	0.264%
9	8.512	1076	1084	1087	rVV8	3410	8232	1.54%	0.205%
10	8.573	1089	1094	1102	rVB7	5362	12090	2.26%	0.302%
11	8.695	1107	1114	1120	rBV8	4240	9067	1.69%	0.226%
12	8.841	1130	1138	1150	rBV	190950	370781	69.17%	9.256%
13	9.335	1206	1219	1226	rBV2	39264	95207	17.76%	2.377%
14	9.604	1256	1263	1271	rVB2	3777	9159	1.71%	0.229%
15	9.756	1280	1288	1292	rBV5	5507	10821	2.02%	0.270%
16	9.896	1305	1311	1316	rBV5	5527	10745	2.00%	0.268%
17	10.091	1336	1343	1348	rBV7	4055	8700	1.62%	0.217%
18	10.323	1373	1381	1390	rBV	303268	536022	100.00%	13.380%
19	10.390	1390	1392	1398	rVB2	5553	7013	1.31%	0.175%
20	10.494	1403	1409	1411	rBV6	3209	5503	1.03%	0.137%
21	10.707	1439	1444	1450	rVV	9573	19681	3.67%	0.491%
22	11.067	1497	1503	1508	rBV4	8019	14745	2.75%	0.368%
23	11.176	1513	1521	1526	rVV8	4354	8770	1.64%	0.219%
24	11.237	1526	1531	1536	rVB6	4114	7287	1.36%	0.182%
25	11.439	1558	1564	1571	rVB3	14039	27591	5.15%	0.689%
26	11.634	1589	1596	1605	rBV	254018	445927	83.19%	11.131%
27	11.871	1630	1635	1640	rBV8	4630	8190	1.53%	0.204%
28	12.146	1673	1680	1683	rBV7	6434	15615	2.91%	0.390%
29	12.256	1694	1698	1702	rVB2	8301	11892	2.22%	0.297%
30	12.316	1702	1708	1709	rBV5	4059	6893	1.29%	0.172%
31	12.341	1709	1712	1713	rBV3	4909	5458	1.02%	0.136%
32	12.475	1729	1734	1737	rBV7	4117	9047	1.69%	0.226%
33	12.548	1743	1746	1751	rVB6	5249	7562	1.41%	0.189%
34	12.621	1751	1758	1767	rBV	213906	350606	65.41%	8.752%

LSC Area Percent Report

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Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CPSB-02(15-20)

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

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Title : SW846 8260

35	12.786	1780	1785	1791	rVB7	9276	19227	3.59%	0.480%
36	12.859	1793	1797	1801	rVV7	3439	5747	1.07%	0.143%
37	12.938	1801	1810	1816	rVV7	14079	38313	7.15%	0.956%
38	12.993	1817	1819	1823	rVB4	6228	7552	1.41%	0.189%
39	13.042	1824	1827	1831	rBV6	4058	6850	1.28%	0.171%
40	13.085	1831	1834	1838	rBV6	4213	5961	1.11%	0.149%
41	13.170	1844	1848	1853	rBV2	15207	24371	4.55%	0.608%
42	13.304	1866	1870	1873	rBV5	8126	12673	2.36%	0.316%
43	13.353	1874	1878	1879	rBV4	5976	7193	1.34%	0.180%
44	13.450	1888	1894	1897	rBV6	10083	19527	3.64%	0.487%
45	13.487	1898	1900	1905	rVV5	8380	10291	1.92%	0.257%
46	13.560	1906	1912	1920	rVB	264354	420096	78.37%	10.487%
47	13.822	1949	1955	1960	rBV8	4841	12484	2.33%	0.312%
48	13.883	1960	1965	1969	rBV6	25861	47145	8.80%	1.177%
49	13.987	1979	1982	1985	rBV4	5029	6884	1.28%	0.172%
50	14.030	1986	1989	1993	rVV5	4425	7569	1.41%	0.189%
51	14.097	1997	2000	2005	rVB2	16785	27609	5.15%	0.689%
52	14.139	2005	2007	2013	rVB4	9567	11862	2.21%	0.296%
53	14.206	2013	2018	2023	rBV5	18790	35676	6.66%	0.891%
54	14.267	2025	2028	2034	rVB7	7815	13561	2.53%	0.339%
55	14.353	2039	2042	2044	rBV2	5309	7049	1.32%	0.176%
56	14.395	2044	2049	2052	rBV4	25747	42031	7.84%	1.049%
57	14.505	2064	2067	2070	rBV4	8084	12533	2.34%	0.313%
58	14.554	2071	2075	2081	rVB8	11858	22722	4.24%	0.567%
59	14.706	2096	2100	2102	rBV5	4283	5939	1.11%	0.148%
60	14.743	2103	2106	2109	rVB4	7394	9312	1.74%	0.232%
61	14.810	2111	2117	2120	rVV4	26178	57926	10.81%	1.446%
62	14.847	2120	2123	2131	rVB2	33947	70463	13.15%	1.759%
63	15.072	2156	2160	2163	rVB4	10524	15573	2.91%	0.389%
64	15.182	2174	2178	2184	rVB8	13399	25275	4.72%	0.631%
65	15.334	2198	2203	2210	rVB2	37778	63457	11.84%	1.584%
66	15.426	2213	2218	2224	rBV9	12388	35320	6.59%	0.882%
67	15.676	2249	2259	2263	rBV9	13069	39743	7.41%	0.992%
68	15.743	2266	2270	2276	rVB8	14600	27724	5.17%	0.692%
69	15.877	2288	2292	2296	rVB6	10527	18174	3.39%	0.454%
70	16.188	2337	2343	2348	rBV8	16219	35834	6.69%	0.895%
71	16.297	2357	2361	2367	rVB4	20431	39835	7.43%	0.994%

LSC Area Percent Report

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ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CPSB-02(15-20)

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

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Title : SW846 8260

72	16.383	2370	2375	2382	rVB9	13260	28861	5.38%	0.720%

Sum of corrected areas: 4006006

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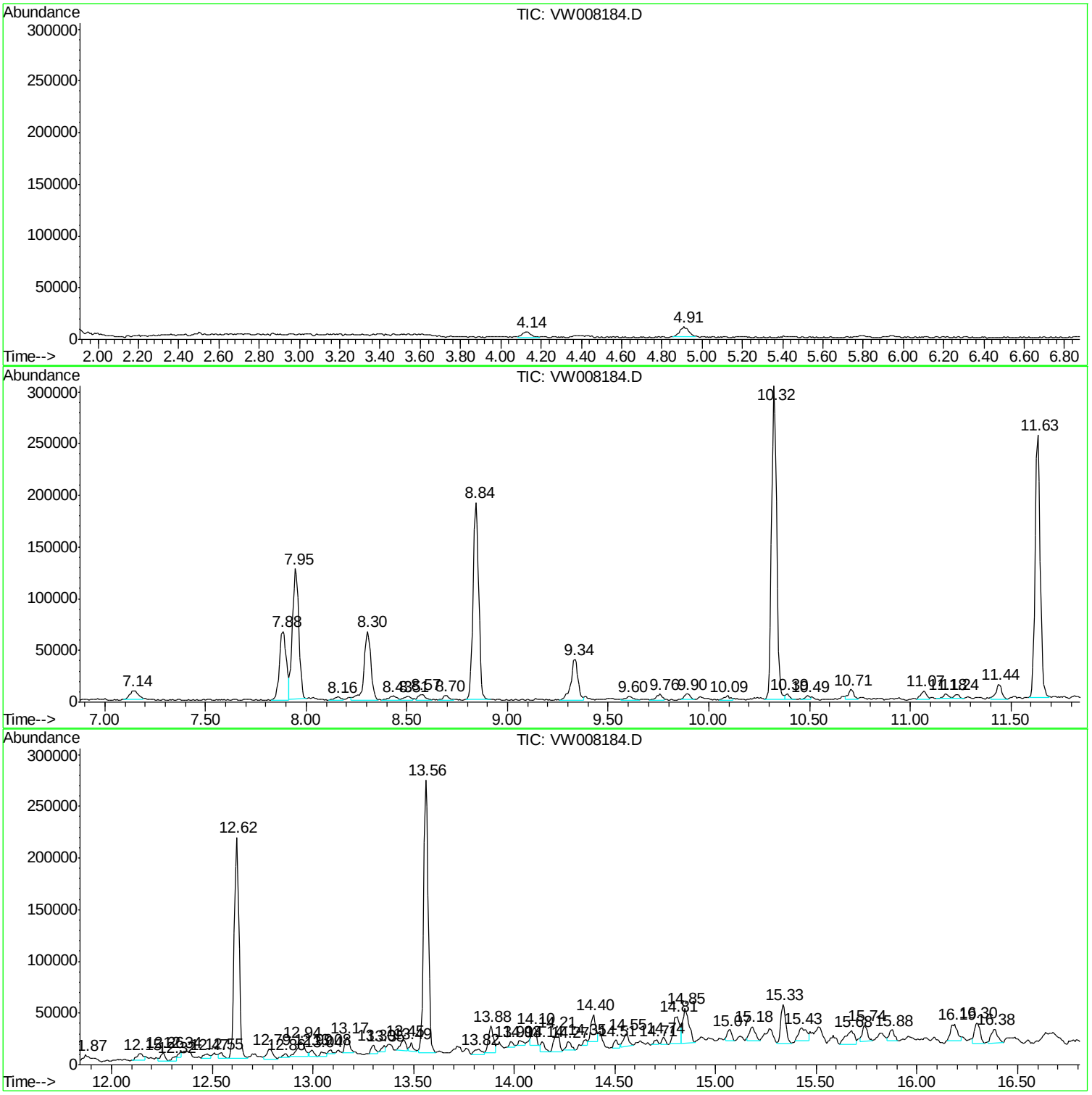
MSVOA_W
ClientSampleId :
CPSB-02(15-20)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.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 W\DATA\VW011019\
Data File : VW008184.D
Acq On : 11 Jan 2019 08:40
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

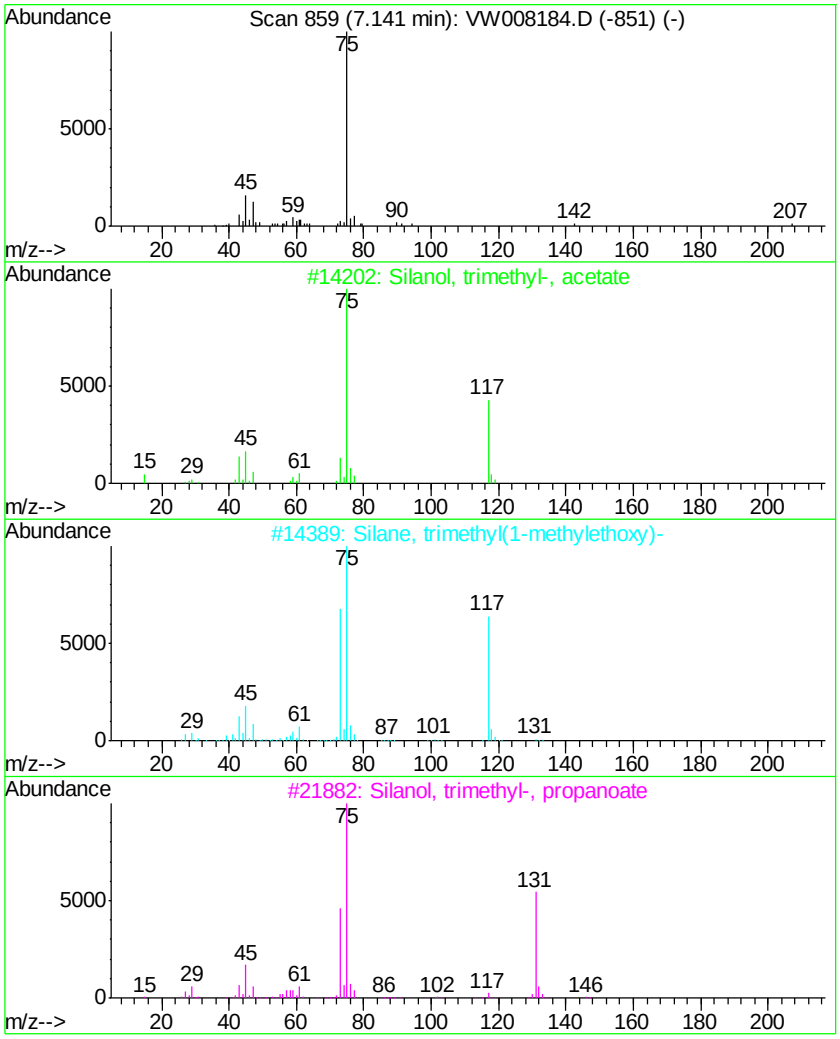
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

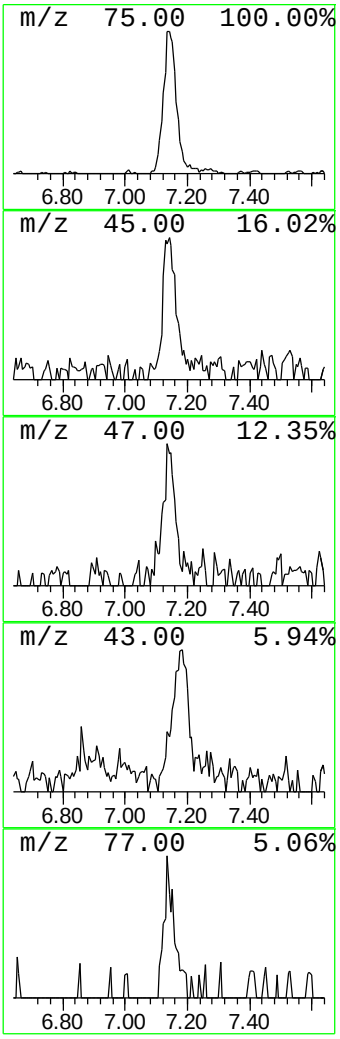
****

Peak Number 1 Silanol, trimethyl-, acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	5.00 ug/l	27180	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-, acetate	132	C5H12O2Si	002754-27-0	64
2	Silane, trimethyl(1-methylethoxy)-	132	C6H16OSi	001825-64-5	64
3	Silanol, trimethyl-, propanoate	146	C6H14O2Si	016844-98-7	64
4	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	56
5	Formamide, N-methylthio	75	C2H5NS	018952-41-5	50





Library Search Compound Report

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ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CPSB-02(15-20)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

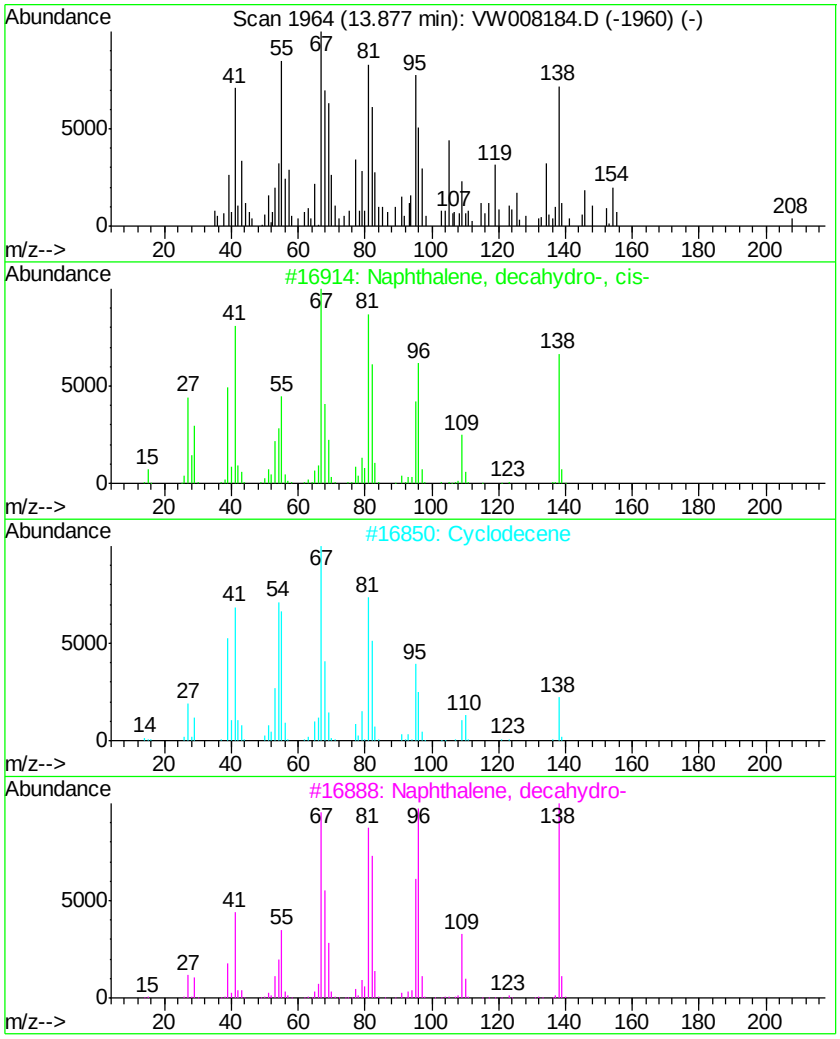
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

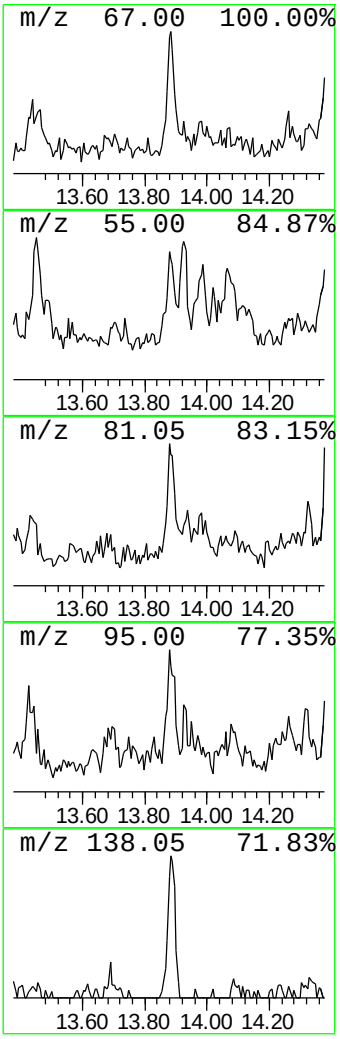
****

Peak Number 2 Naphthalene, decahydro-, cis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	5.61 ug/l	47145	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	86
2	Cyclodecene	138	C10H18	003618-12-0	62
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	49
4	(2Z,4E)-3,7-Dimethyl-2,4-octadiene	138	C10H18	1000374-08-4	46
5	1-Hexadecyne	222	C16H30	000629-74-3	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
Data File : VW008184.D
Acq On : 11 Jan 2019 08:40
Operator : SY/AP
Sample : K1102-03
Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CPSB-02(15-20)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

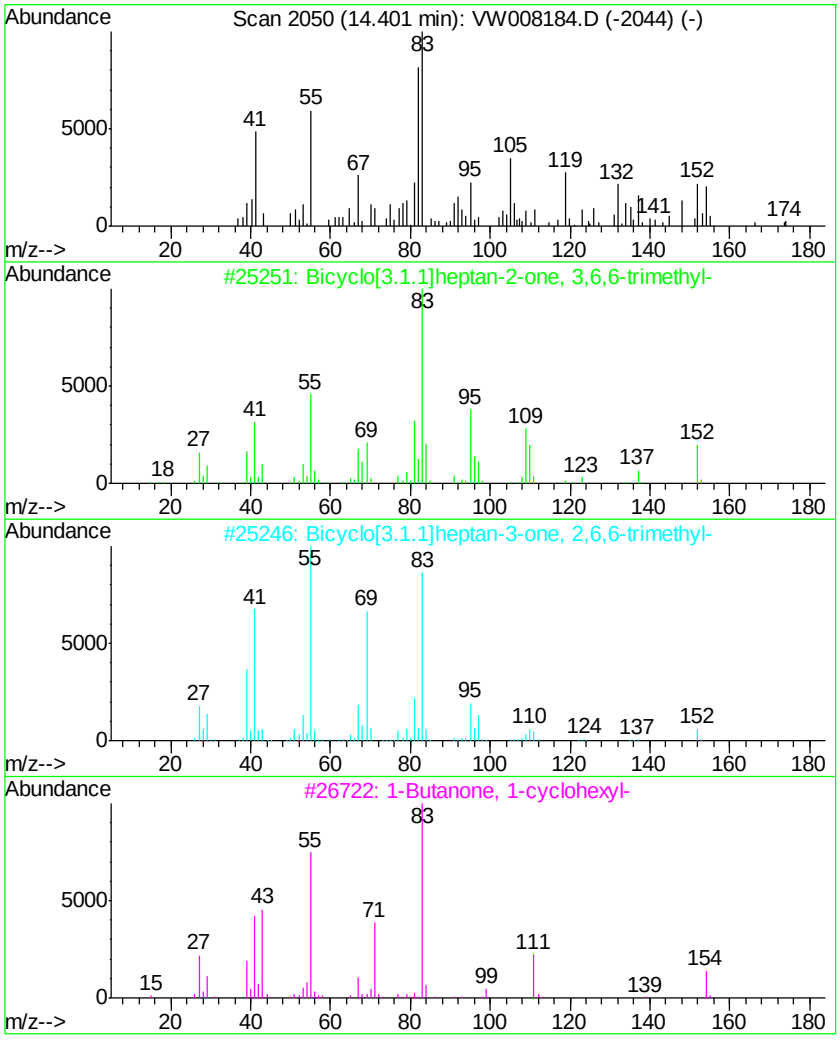
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

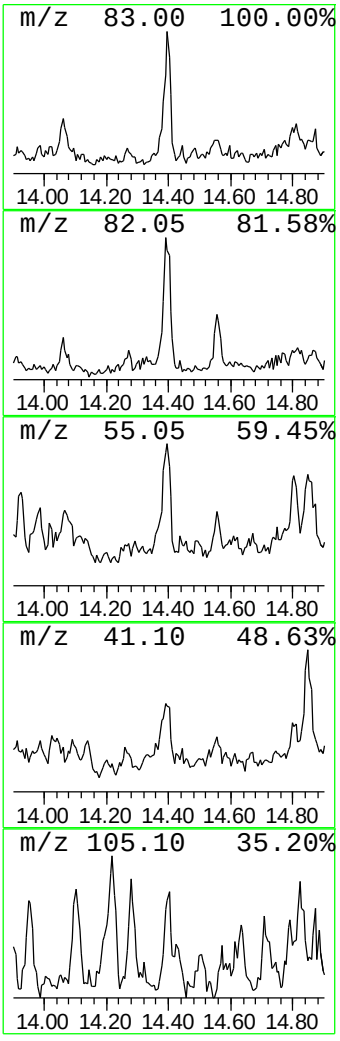
****

Peak Number 3 Bicyclo[3.1.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	5.00 ug/l	42031	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-2-one, 3,6,...	152	C10H16O	016022-08-5	47
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	018358-53-7	46
3	1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	27
4	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	27
5	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	27





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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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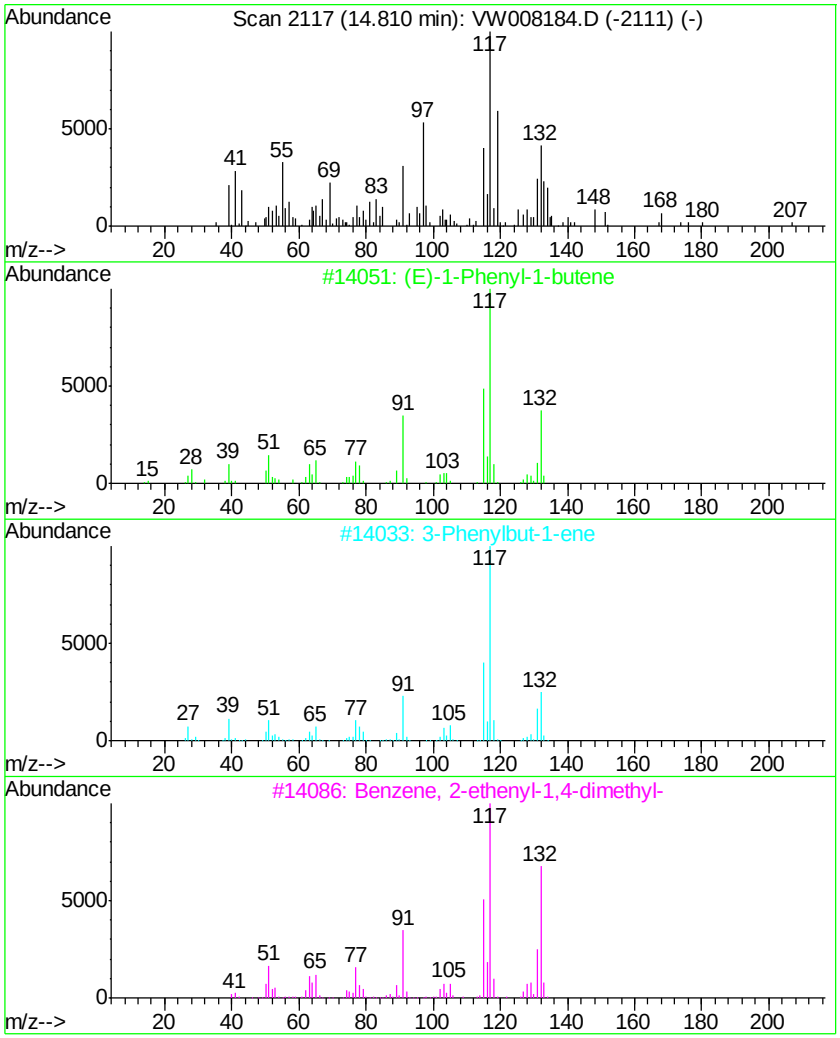
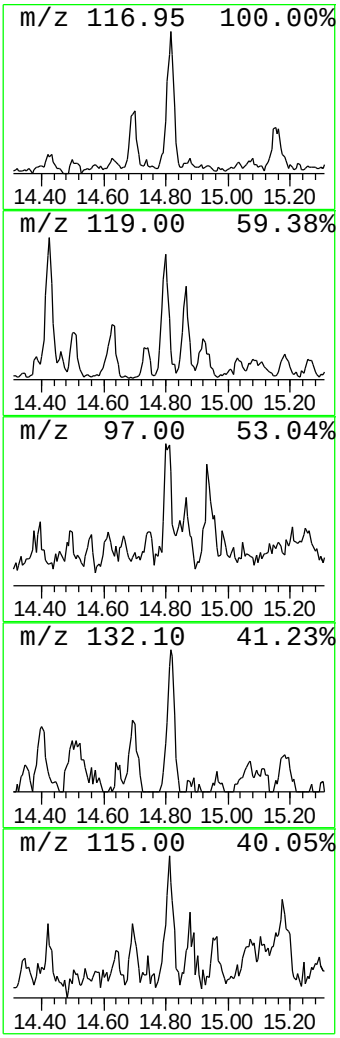
****

Peak Number 4 (E)-1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	6.89 ug/l	57926	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55





Library Search Compound Report

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ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CPSB-02(15-20)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

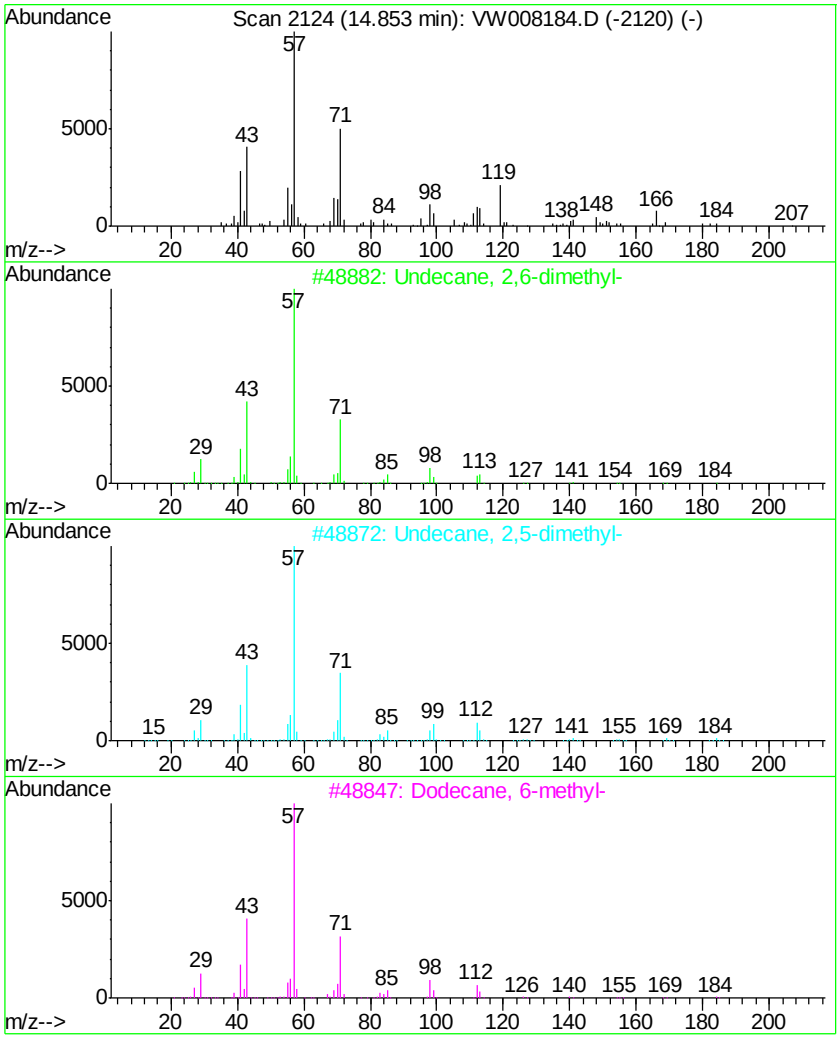
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

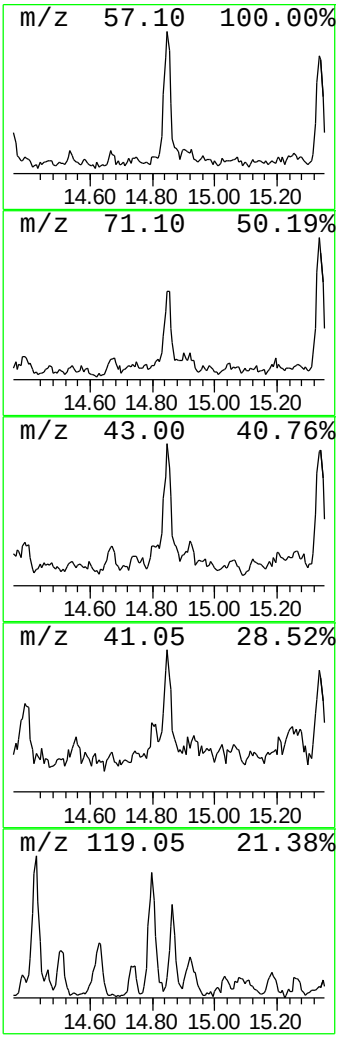
****

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	8.39 ug/l	70463	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	90
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	74
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5	Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	59





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Data File : VW008184.D
Acq On : 11 Jan 2019 08:40
Operator : SY/AP
Sample : K1102-03
Misc : 5.07G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CPSB-02(15-20)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260

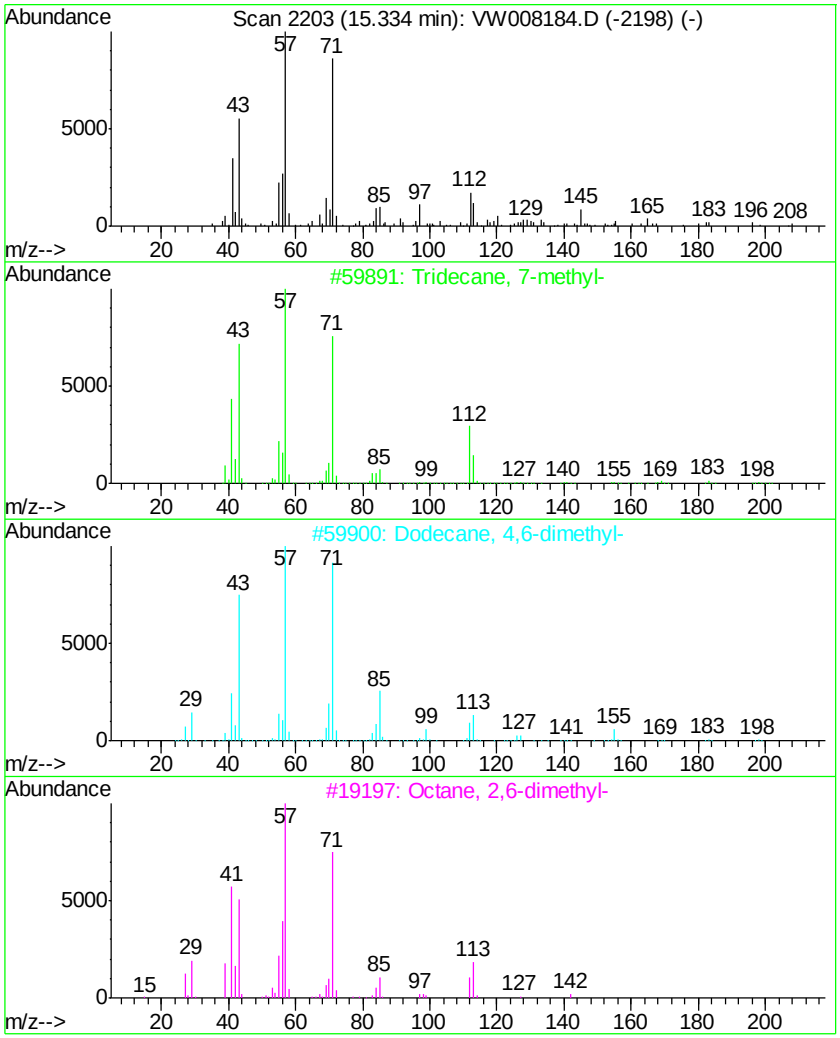
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

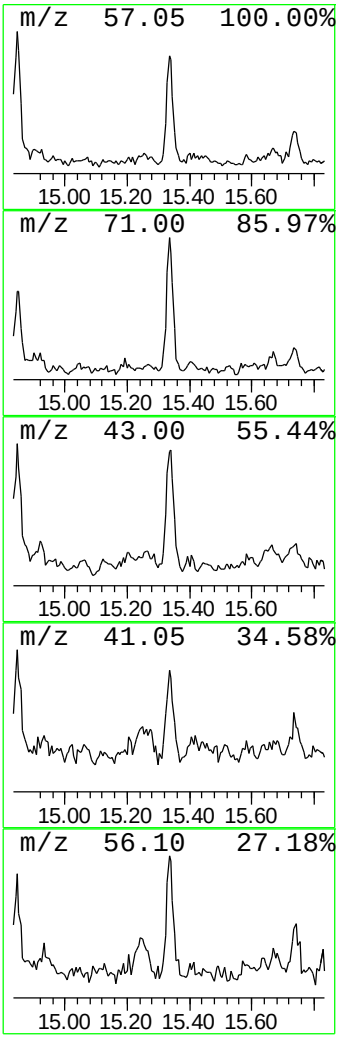
****

Peak Number 6 Tridecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	7.55 ug/l	63457	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	74
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
Data File : VW008184.D
Acq On : 11 Jan 2019 08:40
Operator : SY/AP
Sample : K1102-03
Misc : 5.07G/5ML/MSVOA_W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CPSB-02(15-20)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.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
Silanol, trimethy...	7.14	5.0	ug/l	27180	1	7.95	271696	50.0
Naphthalene, deca...	13.88	5.6	ug/l	47145	4	13.56	420096	50.0
Bicyclo[3.1.1]hep...	14.40	5.0	ug/l	42031	4	13.56	420096	50.0
(E)-1-Phenyl-1-bu...	14.81	6.9	ug/l	57926	4	13.56	420096	50.0
Undecane, 2,6-dim...	14.85	8.4	ug/l	70463	4	13.56	420096	50.0
Tridecane, 7-methyl-	15.33	7.6	ug/l	63457	4	13.56	420096	50.0