LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010979.D
Acq On : 25 Jun 2019 20:48
Operator : SY/VA
Sample : K3460-07
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SOM2WLM062419S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	38	41	47	rBV3	5415	9950	0.90%	0.119%
2	2.349	67	73	83	rVB	60212	113017	10.21%	1.348%
3	2.885	154	161	171	rBV	38337	96648	8.73%	1.153%
4	3.257	219	222	225	rBV5	653	703	0.06%	0.008%
5	3.452	251	254	255	rBV3	533	579	0.05%	0.007%
6	3.471	255	257	261	rVB5	572	805	0.07%	0.010%
7	3.513	261	264	265	rBV3	541	519	0.05%	0.006%
8	3.531	265	267	268	rBV2	804	665	0.06%	0.008%
9	3.660	287	288	291	rBV3	398	531	0.05%	0.006%
10	3.830	313	316	317	rBV2	530	533	0.05%	0.006%
11	3.867	317	322	330	rVB7	1469	3696	0.33%	0.044%
12	4.013	335	346	361	rBV	96951	326181	29.48%	3.891%
13	4.294	390	392	394	rBV3	446	429	0.04%	0.005%
14	4.385	401	407	408	rBV	2570	3684	0.33%	0.044%
15	4.604	439	443	445	rBV3	533	650	0.06%	0.008%
16	4.769	466	470	471	rBV2	434	473	0.04%	0.006%
17	4.915	484	494	506	rBV3	7693	28565	2.58%	0.341%
18	5.171	522	536	542	rBV6	2806	10140	0.92%	0.121%
19	5.367	565	568	572	rBV3	593	653	0.06%	0.008%
20	5.409	572	575	577	rVB3	477	617	0.06%	0.007%
21	5.440	577	580	582	rBV	654	710	0.06%	0.008%
22	5.501	585	590	591	rBV4	377	597	0.05%	0.007%
23	5.580	598	603	604	rBV4	257	453	0.04%	0.005%
24	5.659	612	616	619	rBV4	465	419	0.04%	0.005%
25	5.934	654	661	669	rVB6	2207	6393	0.58%	0.076%
26	6.037	676	678	679	rBV2	690	480	0.04%	0.006%
27	6.104	687	689	691	rBV2	616	536	0.05%	0.006%
28	6.311	720	723	725	rBV2	396	482	0.04%	0.006%
29	6.348	727	729	732	rBV3	465	523	0.05%	0.006%
30	6.415	737	740	745	rBV4	427	874	0.08%	0.010%
31	6.458	745	747	752	rBV3	325	578	0.05%	0.007%
32	6.592	765	769	774	rVB4	308	484	0.04%	0.006%
33	6.635	774	776	779	rVB3	414	436	0.04%	0.005%
34	6.671	779	782	784	rBV3	341	436	0.04%	0.005%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010979.D
Acq On : 25 Jun 2019 20:48
Operator : SY/VA
Sample : K3460-07
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SOM2WLM062419S.M
Title : VOC Analysis

35	6.726	788	791	797	rVB6	361	769	0.07%	0.009%
36	6.793	799	802	805	rBV3	326	484	0.04%	0.006%
37	6.958	826	829	832	rBV3	400	479	0.04%	0.006%
38	7.074	838	848	855	rBV	57969	163653	14.79%	1.952%
39	7.482	910	915	918	rBV5	773	1118	0.10%	0.013%
40	7.531	920	923	924	rBV	616	510	0.05%	0.006%
41	7.555	924	927	928	rVV3	481	569	0.05%	0.007%
42	7.647	930	942	955	rVB	173790	429147	38.78%	5.119%
43	7.951	988	992	996	rVB5	688	1058	0.10%	0.013%
44	7.982	996	997	1000	rVB	385	410	0.04%	0.005%
45	8.275	1033	1045	1060	rBV2	354037	1106509	100.00%	13.200%
46	8.384	1060	1063	1064	rVV2	718	674	0.06%	0.008%
47	8.403	1064	1066	1073	rVV6	895	1379	0.12%	0.016%
48	8.579	1093	1095	1097	rBV3	441	594	0.05%	0.007%
49	8.677	1108	1111	1112	rBV2	423	418	0.04%	0.005%
50	8.842	1129	1138	1150	rBV	338184	669514	60.51%	7.987%
51	9.073	1164	1176	1183	rBV	5577	13575	1.23%	0.162%
52	9.274	1199	1209	1218	rBV	276595	554701	50.13%	6.617%
53	9.451	1237	1238	1241	rVB	662	436	0.04%	0.005%
54	9.518	1244	1249	1252	rBV4	570	1042	0.09%	0.012%
55	9.567	1254	1257	1258	rBV	519	535	0.05%	0.006%
56	9.585	1258	1260	1262	rVV2	612	428	0.04%	0.005%
57	9.658	1266	1272	1278	rVV6	2199	4572	0.41%	0.055%
58	9.951	1317	1320	1323	rBV4	329	453	0.04%	0.005%
59	10.036	1323	1334	1343	rBV	138386	253173	22.88%	3.020%
60	10.122	1345	1348	1355	rVV8	1807	3789	0.34%	0.045%
61	10.207	1358	1362	1369	rVV6	1450	2757	0.25%	0.033%
62	10.323	1372	1381	1390	rVV	498046	862233	77.92%	10.286%
63	10.390	1390	1392	1398	rVV3	2983	3870	0.35%	0.046%
64	10.579	1416	1423	1431	rVV	91749	160160	14.47%	1.911%
65	10.707	1436	1444	1450	rBV	14015	24591	2.22%	0.293%
66	10.859	1466	1469	1472	rVB3	821	1110	0.10%	0.013%
67	10.927	1472	1480	1491	rBV	206696	361464	32.67%	4.312%
68	11.067	1497	1503	1509	rBV2	14961	25222	2.28%	0.301%
69	11.195	1519	1524	1528	rVB5	823	1509	0.14%	0.018%
70	11.280	1535	1538	1539	rVB3	614	451	0.04%	0.005%
71	11.335	1545	1547	1550	rVV2	476	583	0.05%	0.007%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010979.D
Acq On : 25 Jun 2019 20:48
Operator : SY/VA
Sample : K3460-07
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SOM2WLM062419S.M
Title : VOC Analysis

72	11.384	1552	1555	1556	rBV3	389	415	0.04%	0.005%
73	11.402	1556	1558	1559	rVV2	560	420	0.04%	0.005%
74	11.439	1559	1564	1570	rVB6	2364	4385	0.40%	0.052%
75	11.512	1574	1576	1579	rVB4	559	547	0.05%	0.007%
76	11.634	1587	1596	1608	rBV	474203	824410	74.51%	9.834%
77	11.731	1608	1612	1618	rVB7	605	1236	0.11%	0.015%
78	11.841	1624	1630	1632	rBV5	1404	2421	0.22%	0.029%
79	11.914	1640	1642	1643	rBV	567	522	0.05%	0.006%
80	12.024	1658	1660	1663	rVB3	568	551	0.05%	0.007%
81	12.067	1663	1667	1669	rBV3	536	759	0.07%	0.009%
82	12.097	1669	1672	1673	rBV	494	544	0.05%	0.006%
83	12.170	1682	1684	1693	rVB5	1119	2050	0.19%	0.024%
84	12.243	1693	1696	1697	rBV3	673	524	0.05%	0.006%
85	12.298	1702	1705	1708	rBV5	417	490	0.04%	0.006%
86	12.329	1708	1710	1711	rBV2	704	622	0.06%	0.007%
87	12.475	1730	1734	1738	rVB5	754	1016	0.09%	0.012%
88	12.609	1750	1756	1762	rVB2	13205	20861	1.89%	0.249%
89	12.694	1762	1770	1777	rBV	233878	389365	35.19%	4.645%
90	12.755	1777	1780	1785	rVB4	2277	3502	0.32%	0.042%
91	12.890	1797	1802	1804	rBV5	1440	2473	0.22%	0.030%
92	12.932	1806	1809	1815	rVB	7970	12055	1.09%	0.144%
93	13.560	1905	1912	1920	rBV	484635	771938	69.76%	9.208%
94	13.652	1922	1927	1936	rVV	36979	64768	5.85%	0.773%
95	13.853	1954	1960	1967	rBV	466310	767713	69.38%	9.158%
96	14.042	1987	1991	1994	rBV	26129	42105	3.81%	0.502%
97	15.444	2217	2221	2225	rVV	12116	17734	1.60%	0.212%
98	15.499	2225	2230	2238	rVB	101668	181643	16.42%	2.167%
99	16.450	2384	2386	2387	rBV2	792	627	0.06%	0.007%
100	16.535	2398	2400	2404	rBV5	828	815	0.07%	0.010%

Sum of corrected areas: 8382889

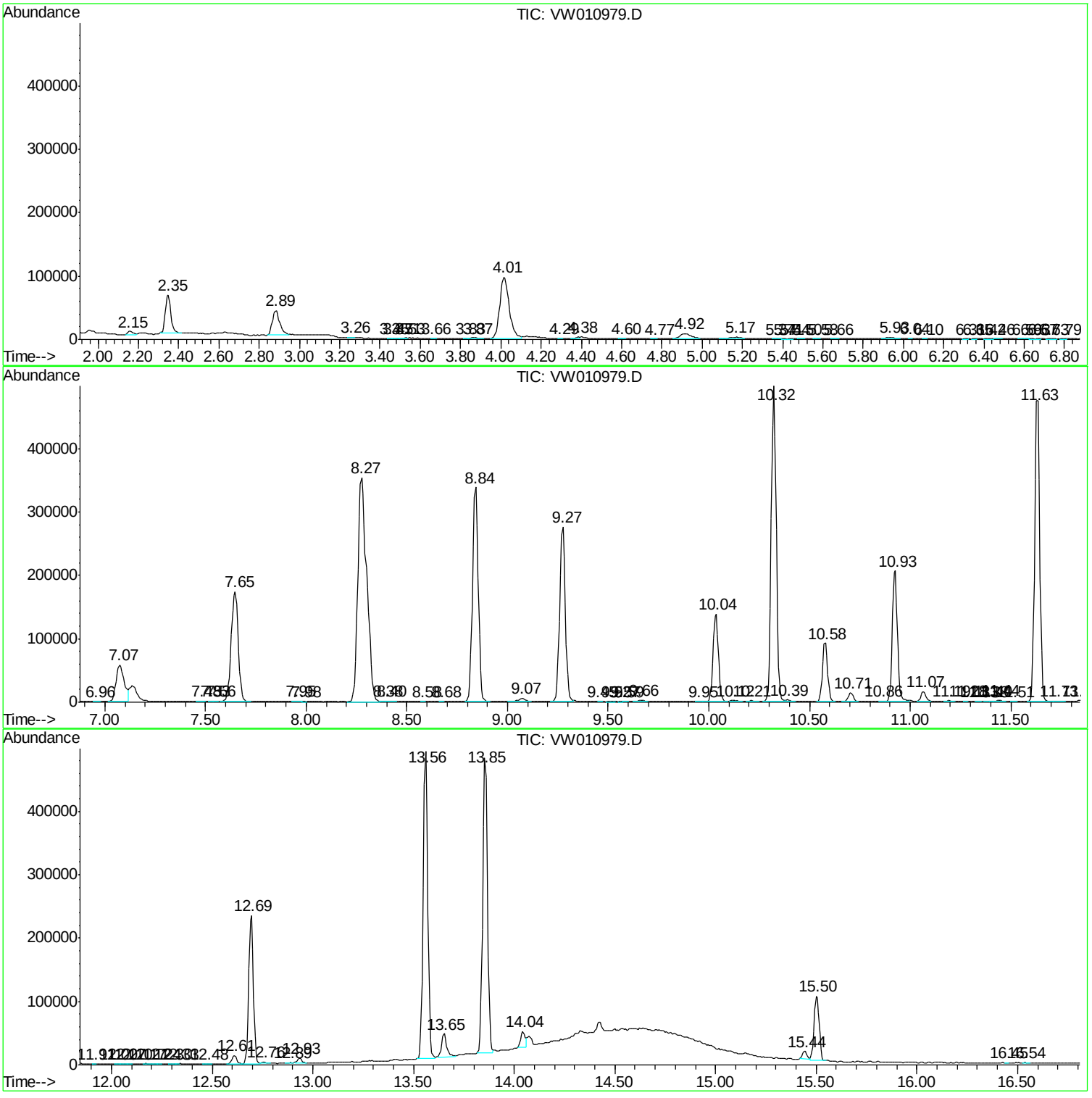
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010979.D
Acq On : 25 Jun 2019 20:48
Operator : SY/VA
Sample : K3460-07
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010979.D
Acq On : 25 Jun 2019 20:48
Operator : SY/VA
Sample : K3460-07
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

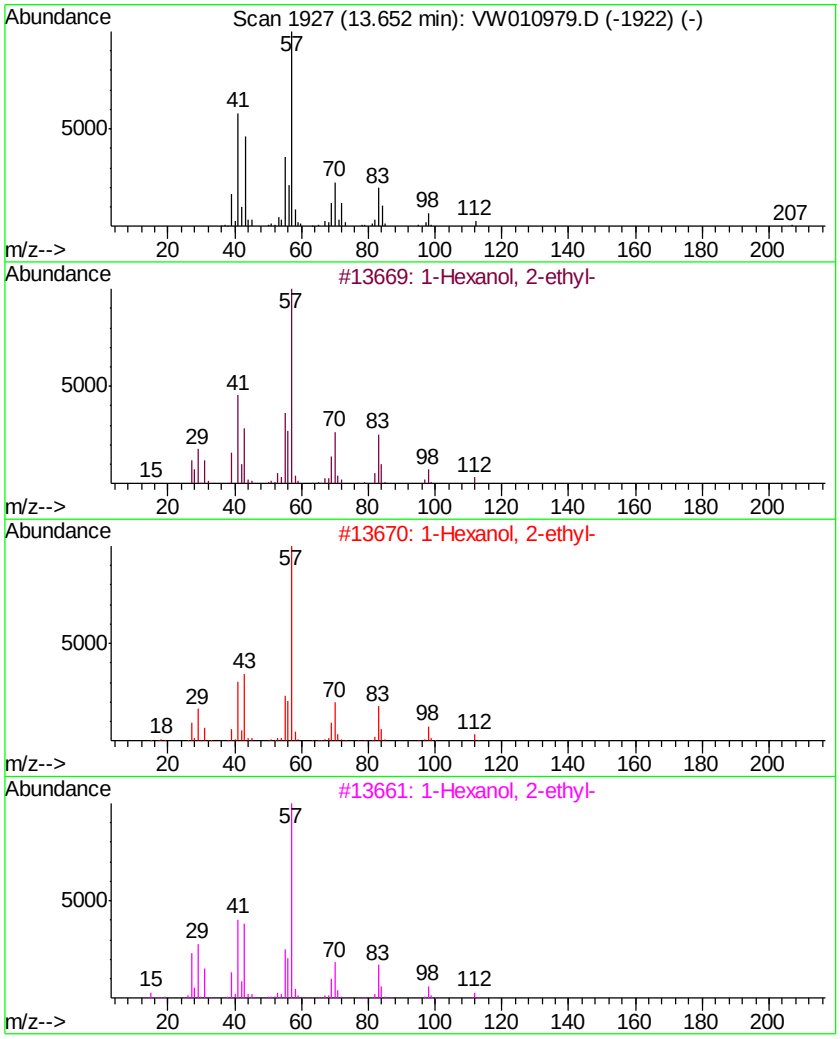
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

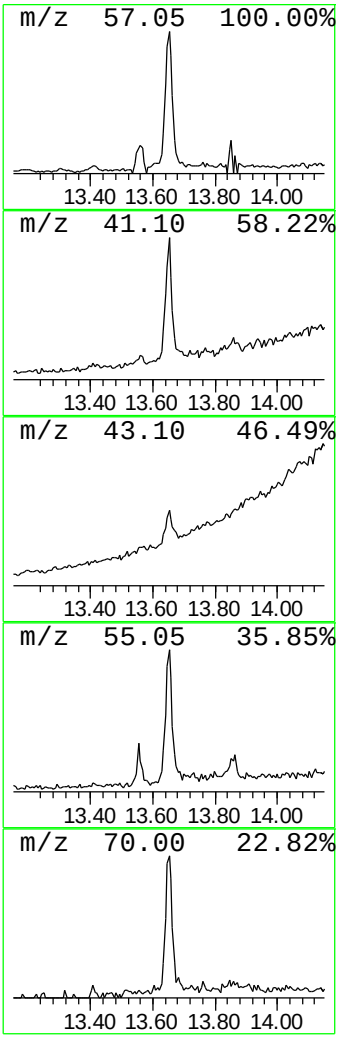
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.10 ug/L	64768	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010979.D
Acq On : 25 Jun 2019 20:48
Operator : SY/VA
Sample : K3460-07
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

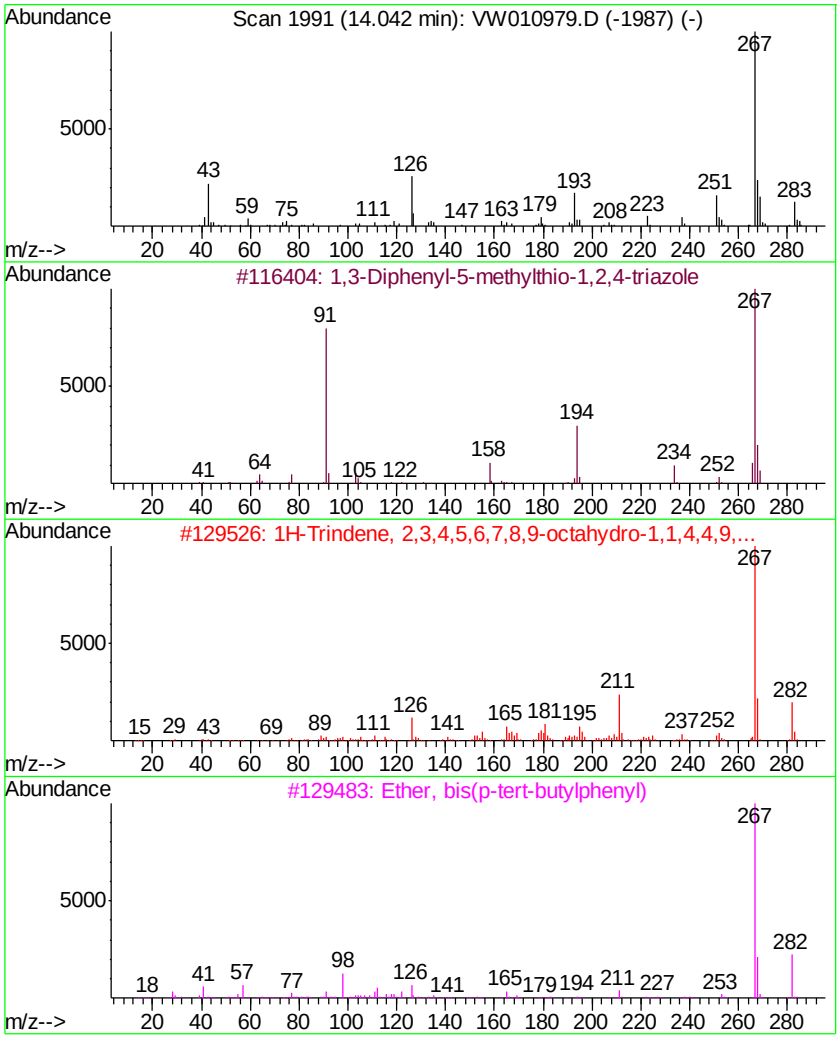
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

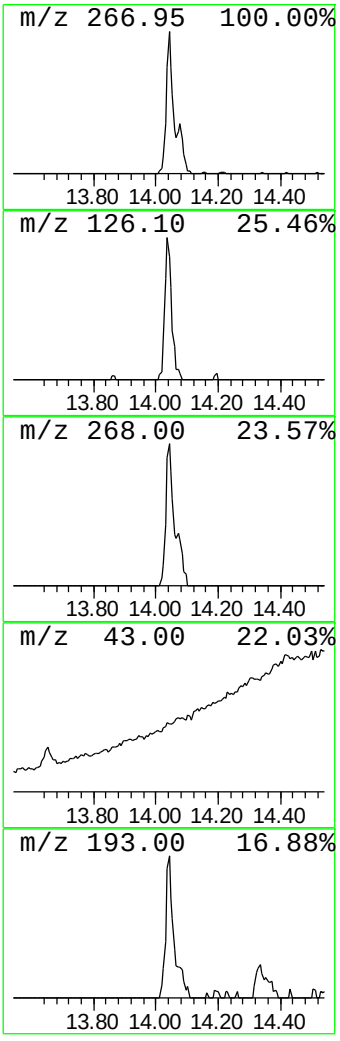
****

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	1.36 ug/L	42105	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-5-methylthio-1,2,4-...	267	C15H13N3S	051384-17-9	50
2	1H-Trindene, 2,3,4,5,6,7,8,9-oct...	282	C21H30	055682-87-6	50
3	Ether, bis(p-tert-butylphenyl)	282	C20H26O	024085-65-2	47
4	Auramine	267	C17H21N3	000492-80-8	47
5	2-Hydrazino-4,6-dimethylpyrimidi...	282	C12H26N4Si2	1000332-01-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010979.D
Acq On : 25 Jun 2019 20:48
Operator : SY/VA
Sample : K3460-07
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

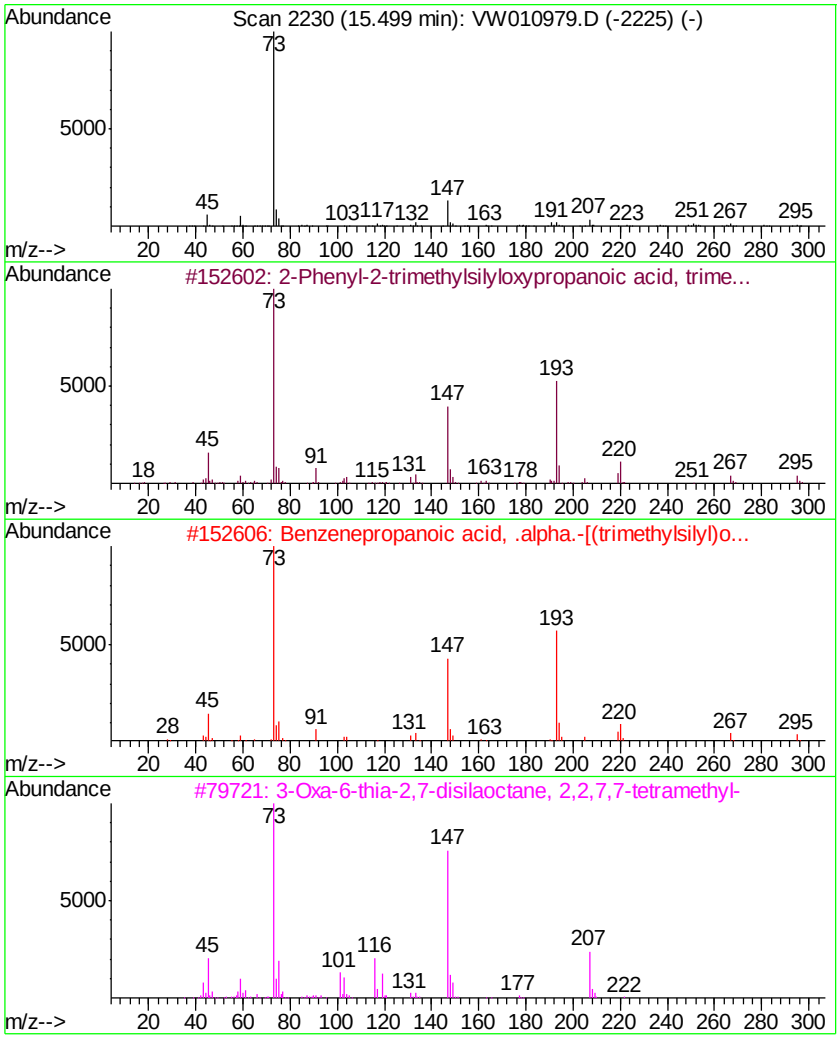
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

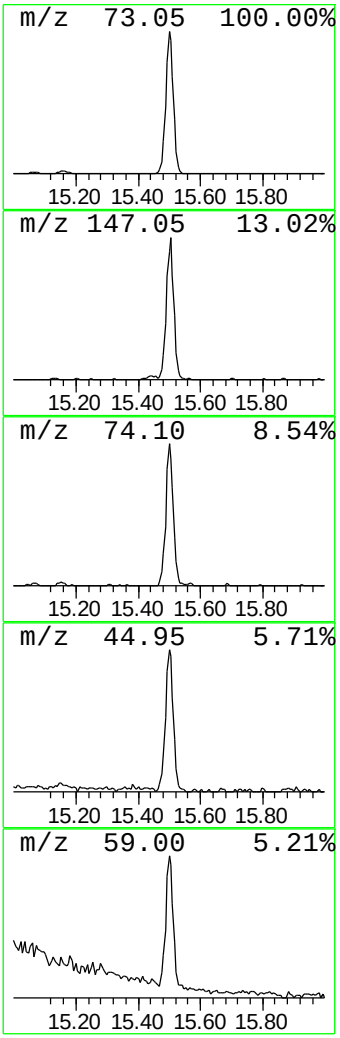
****

Peak Number 4 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	5.88 ug/L	181643	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenyl-2-trimethylsilyloxyprop...	310	C15H26O3Si2	082326-12-3	40
2	Benzenepropanoic acid, .alpha.-[...	310	C15H26O3Si2	027750-45-4	33
3	3-Oxa-6-thia-2,7-disilaoctane, 2...	222	C8H22OSSi2	078921-31-0	32
4	Silane, trimethyl[1-phenyl-2-[2-...	304	C17H28OSi2	097778-19-3	28
5	bis [2-Trimethylsiloxy]ethyl sul...	298	C10H26O4SSi2	097916-04-6	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062519\
Data File : VW010979.D
Acq On : 25 Jun 2019 20:48
Operator : SY/VA
Sample : K3460-07
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

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-Hexanol, 2-ethyl-	13.65	2.1	ug/L	64768	3	13.56	771938	25.0
unknown-01	14.04	1.4	ug/L	42105	3	13.56	771938	25.0
unknown-02	15.50	5.9	ug/L	181643	3	13.56	771938	25.0