LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101819\
Data File : VW013622.D
Acq On : 18 Oct 2019 14:53
Operator : SY/VA
Sample : VW1018SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK09

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\SOM2WLM101819S.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	2.355	69	74	86	rVB	78433	152199	10.85%	1.543%
2	2.891	155	162	178	rVB	61296	146645	10.46%	1.487%
3	3.148	202	204	211	rVB5	1763	2340	0.17%	0.024%
4	3.257	221	222	227	rBV3	444	472	0.03%	0.005%
5	3.391	237	244	255	rVB2	7965	20969	1.50%	0.213%
6	3.544	268	269	272	rBV2	291	321	0.02%	0.003%
7	3.593	274	277	278	rBV	592	449	0.03%	0.005%
8	3.733	296	300	301	rBV3	352	407	0.03%	0.004%
9	3.751	301	303	304	rVV	506	355	0.03%	0.004%
10	3.769	304	306	309	rVB2	536	577	0.04%	0.006%
11	3.910	326	329	332	rBV2	508	630	0.04%	0.006%
12	3.946	332	335	336	rBV	247	268	0.02%	0.003%
13	4.019	336	347	362	rBV	127248	388880	27.73%	3.943%
14	4.239	381	383	385	rVB	436	266	0.02%	0.003%
15	4.263	385	387	390	rBV4	703	833	0.06%	0.008%
16	4.361	401	403	404	rBV2	482	273	0.02%	0.003%
17	4.385	405	407	408	rBV2	413	316	0.02%	0.003%
18	4.428	410	414	415	rBV2	1810	1963	0.14%	0.020%
19	4.623	445	446	449	rBV2	326	335	0.02%	0.003%
20	4.666	449	453	455	rVV	349	404	0.03%	0.004%
21	4.922	483	495	509	rBV5	9071	36626	2.61%	0.371%
22	5.098	521	524	526	rBV2	372	514	0.04%	0.005%
23	5.446	577	581	582	rBV	399	506	0.04%	0.005%
24	5.537	592	596	597	rBV2	245	306	0.02%	0.003%
25	5.757	622	632	642	rVB7	4298	14864	1.06%	0.151%
26	5.867	648	650	651	rBV2	265	279	0.02%	0.003%
27	5.940	655	662	670	rVB6	2739	7280	0.52%	0.074%
28	6.104	687	689	690	rBV	346	291	0.02%	0.003%
29	6.196	702	704	705	rBV	451	314	0.02%	0.003%
30	6.519	755	757	760	rVB2	411	383	0.03%	0.004%
31	6.635	774	776	778	rBV2	299	280	0.02%	0.003%
32	6.842	807	810	813	rVB	276	336	0.02%	0.003%
33	6.872	813	815	817	rBV	397	342	0.02%	0.003%
34	6.909	817	821	830	rBV6	1301	3890	0.28%	0.039%

LSC Area Percent Report

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Operator : SY/VA
Sample : VW1018SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK09

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\SOM2WLM101819S.M
Title : VOC Analysis

35	7.080	840	849	853	rBV	38974	106341	7.58%	1.078%
36	7.452	908	910	912	rVB3	354	269	0.02%	0.003%
37	7.482	912	915	916	rBV2	226	269	0.02%	0.003%
38	7.555	926	927	929	rBV2	335	261	0.02%	0.003%
39	7.647	932	942	954	rVB	181041	454424	32.41%	4.608%
40	7.842	971	974	977	rBB3	308	398	0.03%	0.004%
41	7.915	983	986	988	rBV3	735	995	0.07%	0.010%
42	8.025	1000	1004	1005	rBV2	283	357	0.03%	0.004%
43	8.080	1012	1013	1016	rVB2	308	257	0.02%	0.003%
44	8.110	1016	1018	1021	rBV	223	270	0.02%	0.003%
45	8.153	1021	1025	1030	rBV5	1281	2322	0.17%	0.024%
46	8.269	1030	1044	1063	rBV3	446520	1402260	100.00%	14.219%
47	8.598	1096	1098	1099	rBV	306	259	0.02%	0.003%
48	8.628	1100	1103	1107	rVB3	451	685	0.05%	0.007%
49	8.689	1107	1113	1120	rBV5	1290	2748	0.20%	0.028%
50	8.842	1129	1138	1148	rBV	398239	781713	55.75%	7.927%
51	9.049	1166	1172	1173	rBV4	1175	1747	0.12%	0.018%
52	9.274	1200	1209	1219	rBV	257712	519433	37.04%	5.267%
53	9.457	1236	1239	1241	rBV2	1159	1486	0.11%	0.015%
54	9.561	1254	1256	1259	rBV	293	371	0.03%	0.004%
55	9.756	1280	1288	1295	rBB	13757	26995	1.93%	0.274%
56	9.817	1295	1298	1300	rBV2	266	346	0.02%	0.004%
57	9.890	1304	1310	1318	rVB2	35577	71226	5.08%	0.722%
58	9.988	1318	1326	1327	rBV4	5226	8574	0.61%	0.087%
59	10.030	1328	1333	1341	rVB	139308	253273	18.06%	2.568%
60	10.250	1357	1369	1374	rBV	18260	37585	2.68%	0.381%
61	10.323	1374	1381	1389	rBV	551184	975229	69.55%	9.889%
62	10.500	1404	1410	1416	rBV7	1541	3422	0.24%	0.035%
63	10.579	1416	1423	1433	rBV	95283	166199	11.85%	1.685%
64	10.707	1436	1444	1450	rBV	85392	157679	11.24%	1.599%
65	10.847	1460	1467	1473	rBV5	6383	13057	0.93%	0.132%
66	10.921	1473	1479	1493	rVV	150491	259032	18.47%	2.627%
67	11.061	1496	1502	1511	rVB	39614	68932	4.92%	0.699%
68	11.177	1516	1521	1528	rVB3	13153	21320	1.52%	0.216%
69	11.231	1528	1530	1532	rBV2	299	368	0.03%	0.004%
70	11.280	1536	1538	1540	rBV2	556	432	0.03%	0.004%
71	11.335	1545	1547	1553	rVV4	1282	2224	0.16%	0.023%

LSC Area Percent Report

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Acq On : 18 Oct 2019 14:53
Operator : SY/VA
Sample : VW1018SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK09

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\SOM2WLM101819S.M
Title : VOC Analysis

72	11.439	1553	1564	1571	rVB	62790	115798	8.26%	1.174%
73	11.628	1586	1595	1603	rBV	557461	973198	69.40%	9.868%
74	11.847	1623	1631	1634	rBV5	5376	12537	0.89%	0.127%
75	12.036	1659	1662	1663	rBV2	371	403	0.03%	0.004%
76	12.158	1679	1682	1683	rBV	1952	2015	0.14%	0.020%
77	12.213	1690	1691	1694	rBV	232	264	0.02%	0.003%
78	12.280	1700	1702	1705	rBV2	237	265	0.02%	0.003%
79	12.329	1709	1710	1711	rBV	623	327	0.02%	0.003%
80	12.463	1727	1732	1742	rVB4	5061	9279	0.66%	0.094%
81	12.530	1742	1743	1744	rBV	487	308	0.02%	0.003%
82	12.609	1749	1756	1762	rBV	97687	160415	11.44%	1.627%
83	12.688	1762	1769	1777	rBV	210472	355796	25.37%	3.608%
84	12.841	1793	1794	1797	rBV2	550	606	0.04%	0.006%
85	12.938	1804	1810	1817	rBV3	7749	13706	0.98%	0.139%
86	13.036	1823	1826	1830	rBV2	3481	4879	0.35%	0.049%
87	13.079	1830	1833	1838	rVB3	3445	4690	0.33%	0.048%
88	13.195	1843	1852	1858	rBV6	2986	7905	0.56%	0.080%
89	13.292	1864	1868	1876	rVB4	11314	19599	1.40%	0.199%
90	13.408	1879	1887	1892	rBV4	5558	10172	0.73%	0.103%
91	13.505	1894	1903	1905	rBV8	7203	15083	1.08%	0.153%
92	13.560	1905	1912	1923	rVB	658457	1102695	78.64%	11.182%
93	13.761	1940	1945	1948	rBV3	6025	9711	0.69%	0.098%
94	13.853	1954	1960	1967	rBV	491583	795740	56.75%	8.069%
95	14.072	1991	1996	2010	rVB2	27684	53105	3.79%	0.538%
96	14.194	2012	2016	2017	rBV3	3243	4125	0.29%	0.042%
97	14.627	2082	2087	2095	rVB3	5246	8390	0.60%	0.085%
98	14.731	2099	2104	2108	rVB5	2336	3935	0.28%	0.040%
99	15.438	2214	2220	2226	rBV2	26950	42641	3.04%	0.432%
100	15.560	2235	2240	2245	rVB7	3158	6291	0.45%	0.064%

Sum of corrected areas: 9861749

LSC Report - Integrated Chromatogram

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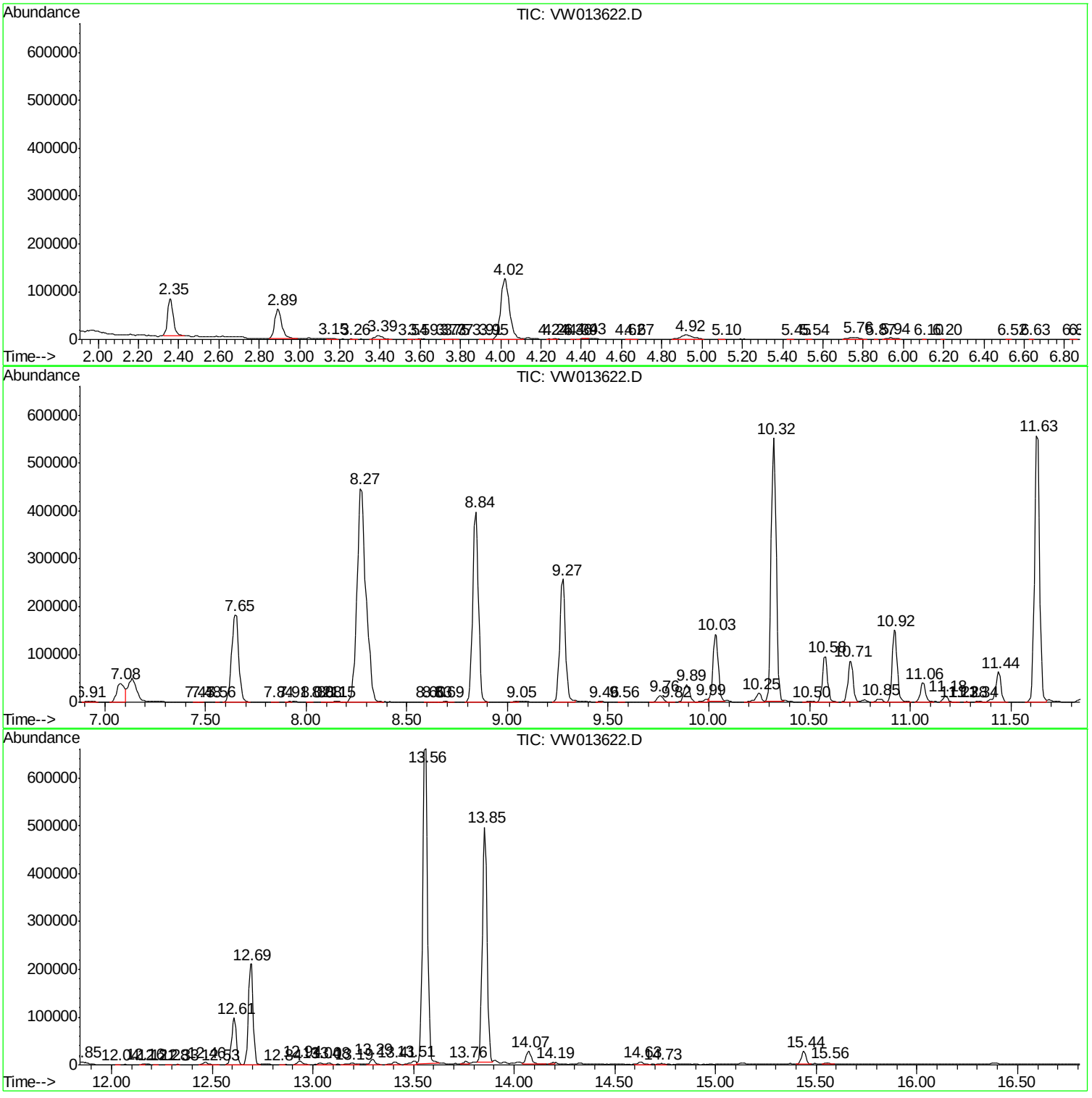
Acq On : 18 Oct 2019 14:53
Operator : SY/VA
Sample : VW1018SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK09

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101819\
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Acq On : 18 Oct 2019 14:53
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK09

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

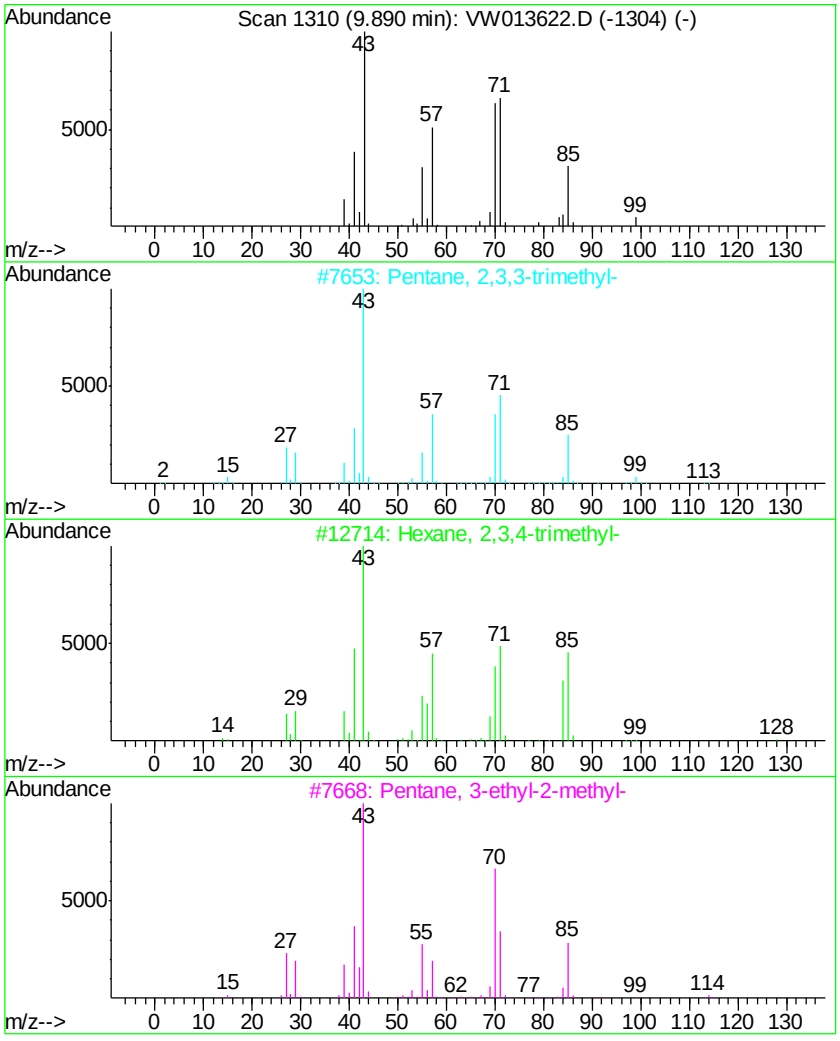
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

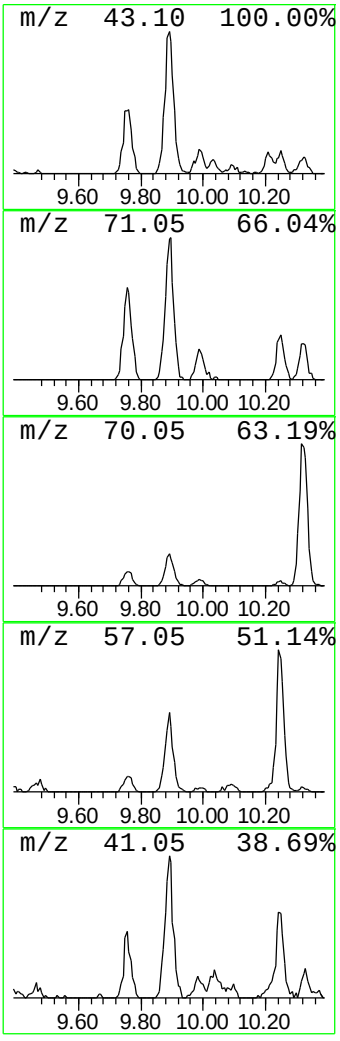
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.28 ug/L	71226	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	59





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Instrument : MSVOA_W
ClientSampleId : VBLK09

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

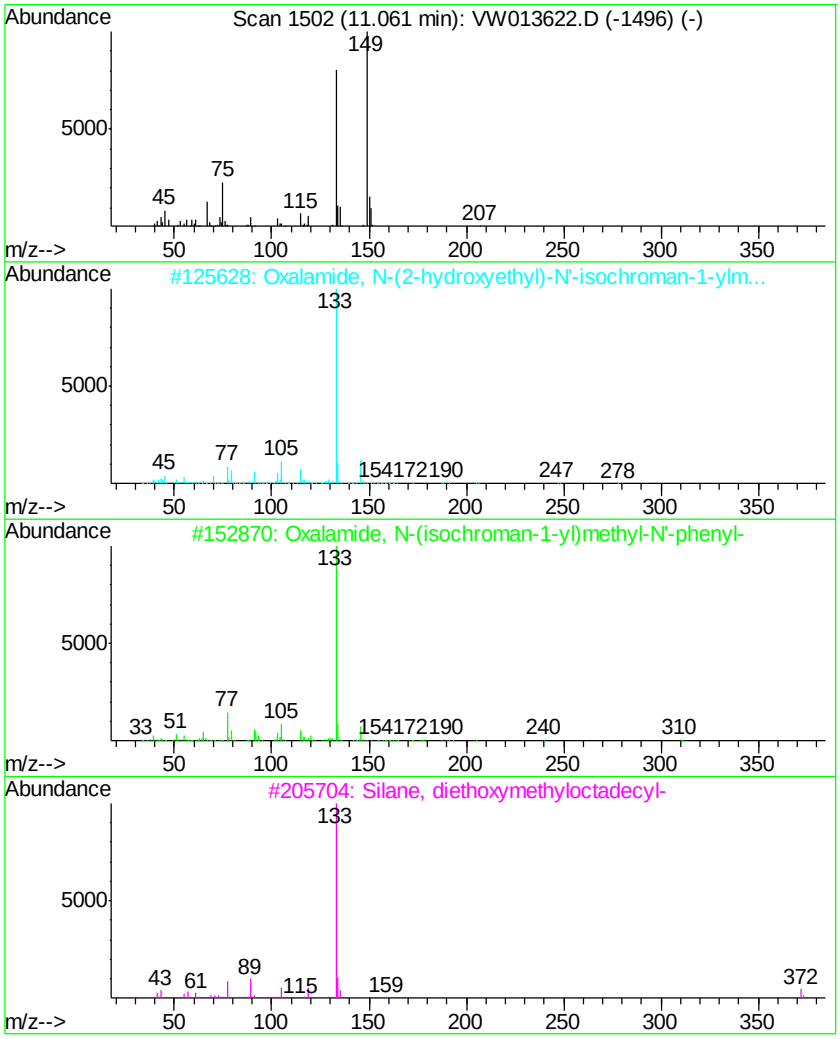
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

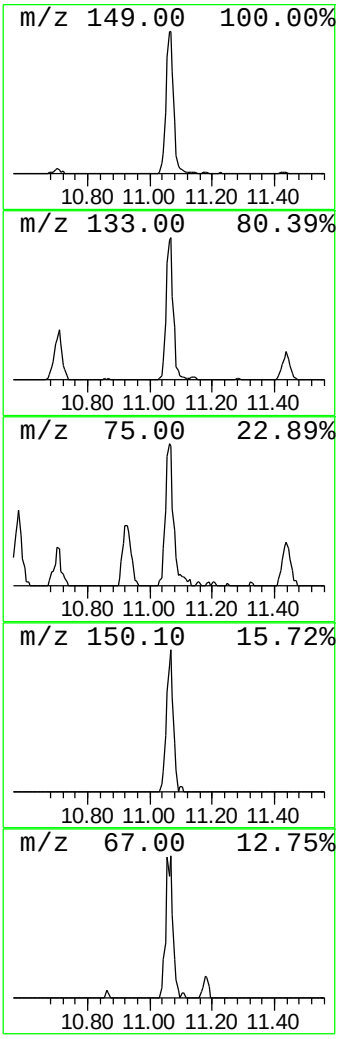
****

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	1.77 ug/L	68932	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	27
2	Oxalamide, N-(isochroman-1-yl)me...	310	C18H18N2O3	1000304-26-0	27
3	Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	27
4	1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	27
5	2,5,7,10-Tetraoxa-6-silaundecane...	208	C8H20O4Si	018236-23-2	25





Tentatively Identified Compound (LSC) summary

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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
(DEL) Alkane: Str...	9.89	2.3	ug/L	71226	1	8.84	781713	25.0
unknown-01	11.06	1.8	ug/L	68932	2	11.63	973198	25.0