LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013880.D
Acq On : 01 Nov 2019 04:44
Operator : SY/VA
Sample : K5552-13
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQC6

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\SOM2WLM103119S.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	68	74	85	rVB	119602	229338	14.90%	2.321%
2	2.891	154	162	174	rBV	80426	196671	12.78%	1.990%
3	3.330	232	234	236	rBV2	298	302	0.02%	0.003%
4	3.391	236	244	252	rVV5	3399	9227	0.60%	0.093%
5	3.483	258	259	262	rVB2	376	271	0.02%	0.003%
6	3.513	262	264	265	rBV	511	327	0.02%	0.003%
7	3.635	282	284	286	rBV2	377	345	0.02%	0.003%
8	3.684	286	292	297	rVV6	877	2206	0.14%	0.022%
9	3.733	297	300	309	rVB4	664	1681	0.11%	0.017%
10	3.836	314	317	319	rBV3	219	308	0.02%	0.003%
11	3.855	319	320	322	rVB2	400	260	0.02%	0.003%
12	3.879	322	324	327	rBV2	374	533	0.03%	0.005%
13	4.019	334	347	359	rBV	182663	564657	36.69%	5.713%
14	4.269	384	388	391	rVV2	801	1251	0.08%	0.013%
15	4.300	391	393	397	rVV3	621	771	0.05%	0.008%
16	4.385	397	407	422	rVB	15356	45767	2.97%	0.463%
17	4.665	451	453	455	rBV3	388	402	0.03%	0.004%
18	4.757	466	468	470	rBV	213	253	0.02%	0.003%
19	4.921	483	495	511	rBV4	16492	65922	4.28%	0.667%
20	5.397	571	573	574	rBV2	400	306	0.02%	0.003%
21	5.434	574	579	581	rBV3	717	1151	0.07%	0.012%
22	5.610	605	608	609	rBV2	302	249	0.02%	0.003%
23	5.775	630	635	637	rBV3	1143	2068	0.13%	0.021%
24	5.946	652	663	670	rBV5	2775	8949	0.58%	0.091%
25	6.110	689	690	695	rVB2	394	514	0.03%	0.005%
26	6.177	699	701	704	rVB2	267	298	0.02%	0.003%
27	6.220	704	708	711	rBV2	181	310	0.02%	0.003%
28	6.769	795	798	801	rBV	221	266	0.02%	0.003%
29	6.897	809	819	828	rBV3	5622	17072	1.11%	0.173%
30	7.074	839	848	870	rBV3	42030	148183	9.63%	1.499%
31	7.250	870	877	890	rVB2	24658	60282	3.92%	0.610%
32	7.415	901	904	905	rBV	360	319	0.02%	0.003%
33	7.470	911	913	915	rBV	384	335	0.02%	0.003%
34	7.555	926	927	930	rVB2	489	299	0.02%	0.003%

LSC Area Percent Report

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Sample : K5552-13
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQC6

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\SOM2WLM103119S.M
Title : VOC Analysis

35	7.647	930	942	954	rBV	253160	628616	40.85%	6.361%
36	7.848	973	975	977	rBV2	249	276	0.02%	0.003%
37	7.897	981	983	984	rBV	351	252	0.02%	0.003%
38	7.921	984	987	988	rBV	647	585	0.04%	0.006%
39	8.128	1018	1021	1022	rBV2	250	266	0.02%	0.003%
40	8.146	1022	1024	1032	rVB4	781	1549	0.10%	0.016%
41	8.275	1035	1045	1061	rBV2	539496	1538935	100.00%	15.572%
42	8.549	1085	1090	1100	rBV5	1567	4305	0.28%	0.044%
43	8.622	1100	1102	1105	rVB2	910	827	0.05%	0.008%
44	8.695	1107	1114	1125	rBV6	2298	5167	0.34%	0.052%
45	8.841	1130	1138	1150	rBV	350837	694638	45.14%	7.029%
46	9.037	1163	1170	1175	rBV5	3177	7109	0.46%	0.072%
47	9.274	1200	1209	1218	rBV	349287	703304	45.70%	7.116%
48	9.408	1225	1231	1240	rVB	9682	18317	1.19%	0.185%
49	9.482	1240	1243	1244	rBV	356	351	0.02%	0.004%
50	9.604	1258	1263	1266	rBV4	737	1430	0.09%	0.014%
51	9.744	1284	1286	1291	rVB2	498	484	0.03%	0.005%
52	9.908	1309	1313	1316	rBV2	312	548	0.04%	0.006%
53	9.951	1319	1320	1323	rVB3	558	447	0.03%	0.005%
54	10.036	1325	1334	1341	rBV	168052	307144	19.96%	3.108%
55	10.323	1372	1381	1388	rBV	750022	1296621	84.25%	13.120%
56	10.506	1405	1411	1416	rBV4	1820	3177	0.21%	0.032%
57	10.579	1416	1423	1432	rVV	104186	183654	11.93%	1.858%
58	10.664	1436	1437	1439	rVV	1230	904	0.06%	0.009%
59	10.707	1439	1444	1450	rVB2	14048	24782	1.61%	0.251%
60	10.859	1466	1469	1471	rVB2	557	658	0.04%	0.007%
61	10.920	1472	1479	1495	rVV	164677	288949	18.78%	2.924%
62	11.073	1498	1504	1516	rVV2	33627	57682	3.75%	0.584%
63	11.152	1516	1517	1518	rVV	615	369	0.02%	0.004%
64	11.176	1518	1521	1525	rVV2	1170	1497	0.10%	0.015%
65	11.225	1528	1529	1534	rVV2	637	461	0.03%	0.005%
66	11.402	1556	1558	1564	rVB3	376	723	0.05%	0.007%
67	11.634	1588	1596	1606	rVV	437696	774652	50.34%	7.838%
68	11.731	1607	1612	1621	rVB	5889	10637	0.69%	0.108%
69	11.798	1621	1623	1624	rBV	331	303	0.02%	0.003%
70	11.835	1625	1629	1640	rVV5	3646	8883	0.58%	0.090%
71	11.951	1643	1648	1652	rVV4	1753	3216	0.21%	0.033%

LSC Area Percent Report

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Operator : SY/VA
Sample : K5552-13
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQC6

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\SOM2WLM103119S.M
Title : VOC Analysis

72	12.024	1657	1660	1664	rVV	480	522	0.03%	0.005%
73	12.073	1667	1668	1671	rVB	485	363	0.02%	0.004%
74	12.115	1671	1675	1676	rBV2	410	530	0.03%	0.005%
75	12.164	1679	1683	1691	rVB2	1677	2933	0.19%	0.030%
76	12.231	1691	1694	1695	rBV	416	392	0.03%	0.004%
77	12.249	1695	1697	1700	rVB2	455	398	0.03%	0.004%
78	12.341	1707	1712	1716	rBV4	3014	4814	0.31%	0.049%
79	12.469	1731	1733	1735	rVB	589	463	0.03%	0.005%
80	12.512	1735	1740	1741	rBV	449	432	0.03%	0.004%
81	12.609	1749	1756	1763	rBV	50857	82734	5.38%	0.837%
82	12.694	1763	1770	1777	rVV	233547	382365	24.85%	3.869%
83	12.762	1778	1781	1785	rVV4	2080	3334	0.22%	0.034%
84	12.816	1788	1790	1792	rVV	740	620	0.04%	0.006%
85	12.865	1795	1798	1802	rVV2	578	894	0.06%	0.009%
86	12.932	1805	1809	1820	rVB5	2163	4048	0.26%	0.041%
87	13.097	1833	1836	1842	rVB4	1655	2489	0.16%	0.025%
88	13.158	1842	1846	1847	rBV3	871	1149	0.07%	0.012%
89	13.200	1851	1853	1855	rBV2	398	330	0.02%	0.003%
90	13.396	1881	1885	1889	rVB4	2607	3636	0.24%	0.037%
91	13.560	1905	1912	1920	rVB	381476	622334	40.44%	6.297%
92	13.652	1922	1927	1935	rVB2	6760	10054	0.65%	0.102%
93	13.853	1952	1960	1968	rBV	426657	703361	45.70%	7.117%
94	14.072	1990	1996	2003	rVB	50649	80591	5.24%	0.815%
95	14.249	2023	2025	2026	rBV	587	470	0.03%	0.005%
96	14.328	2032	2038	2042	rBV2	4475	7533	0.49%	0.076%
97	14.493	2062	2065	2066	rBV2	751	734	0.05%	0.007%
98	14.603	2081	2083	2084	rBV	650	253	0.02%	0.003%
99	14.731	2099	2104	2107	rBV6	2909	4294	0.28%	0.043%
100	15.493	2224	2229	2236	rVB2	14843	28105	1.83%	0.284%

Sum of corrected areas: 9882986

LSC Report - Integrated Chromatogram

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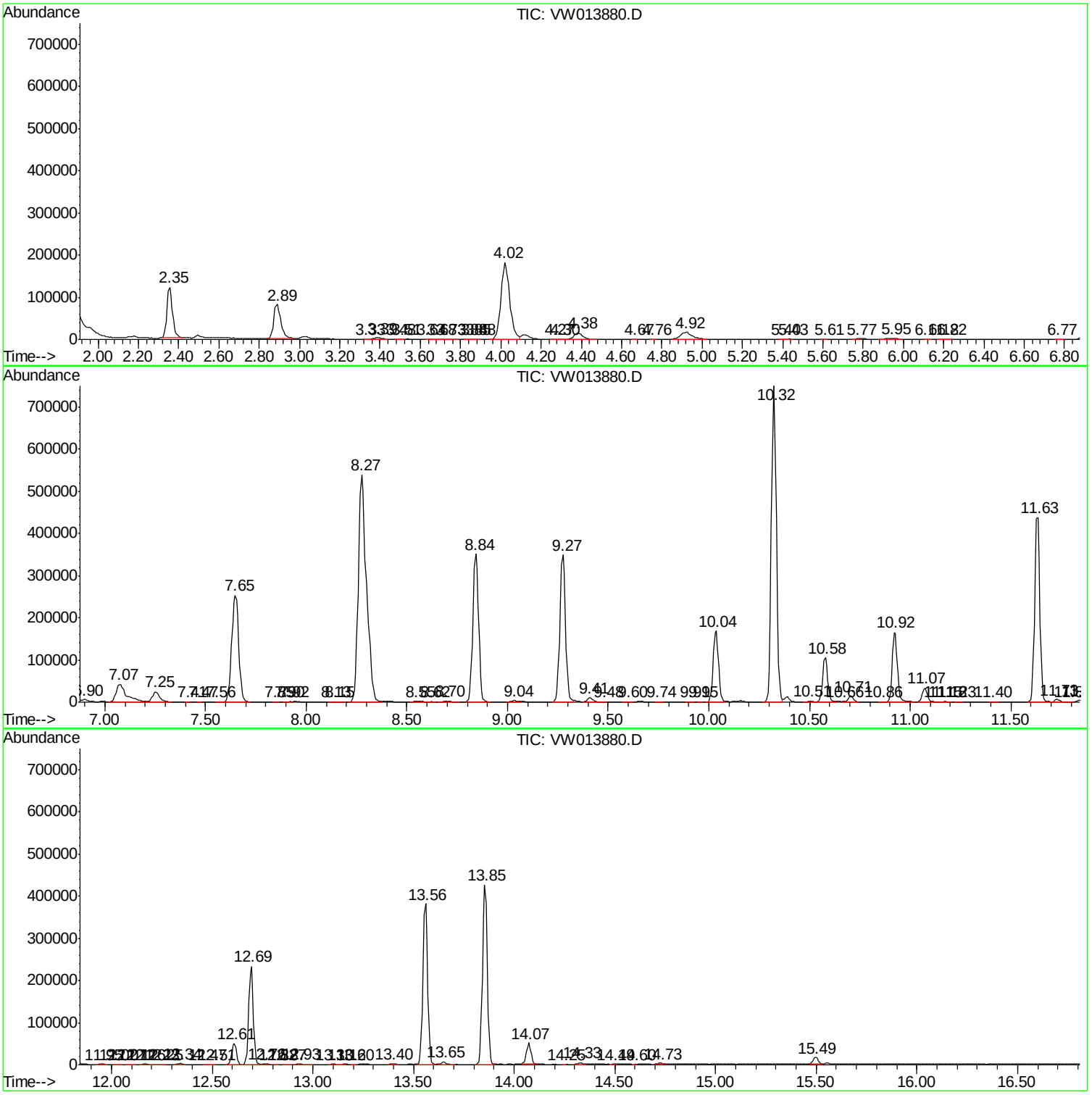
Operator : SY/VA
Sample : K5552-13
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQC6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis

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



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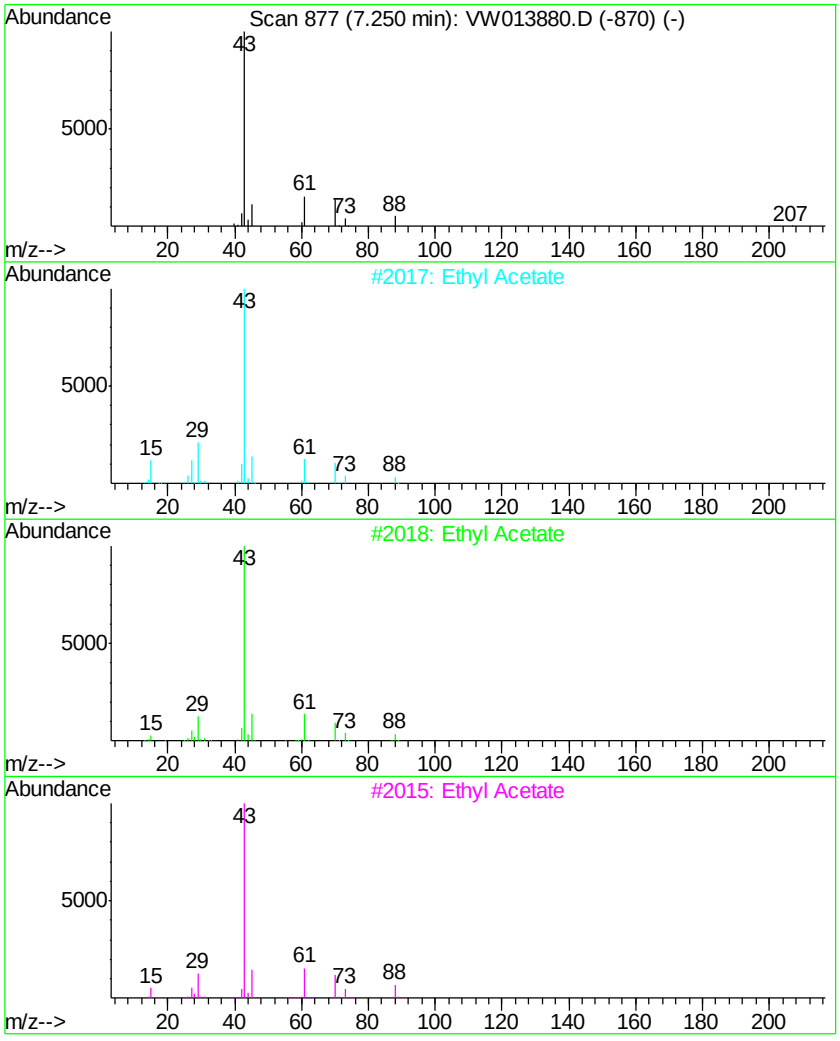
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

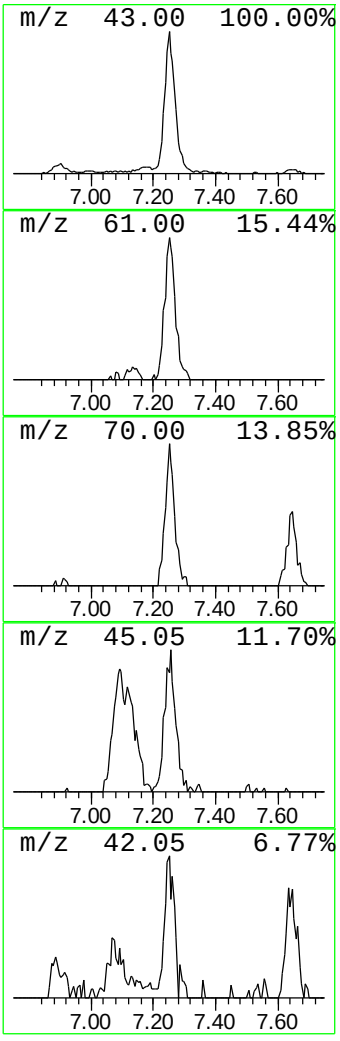
****

Peak Number 1 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	2.17 ug/L	60282	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	59





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQC6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis

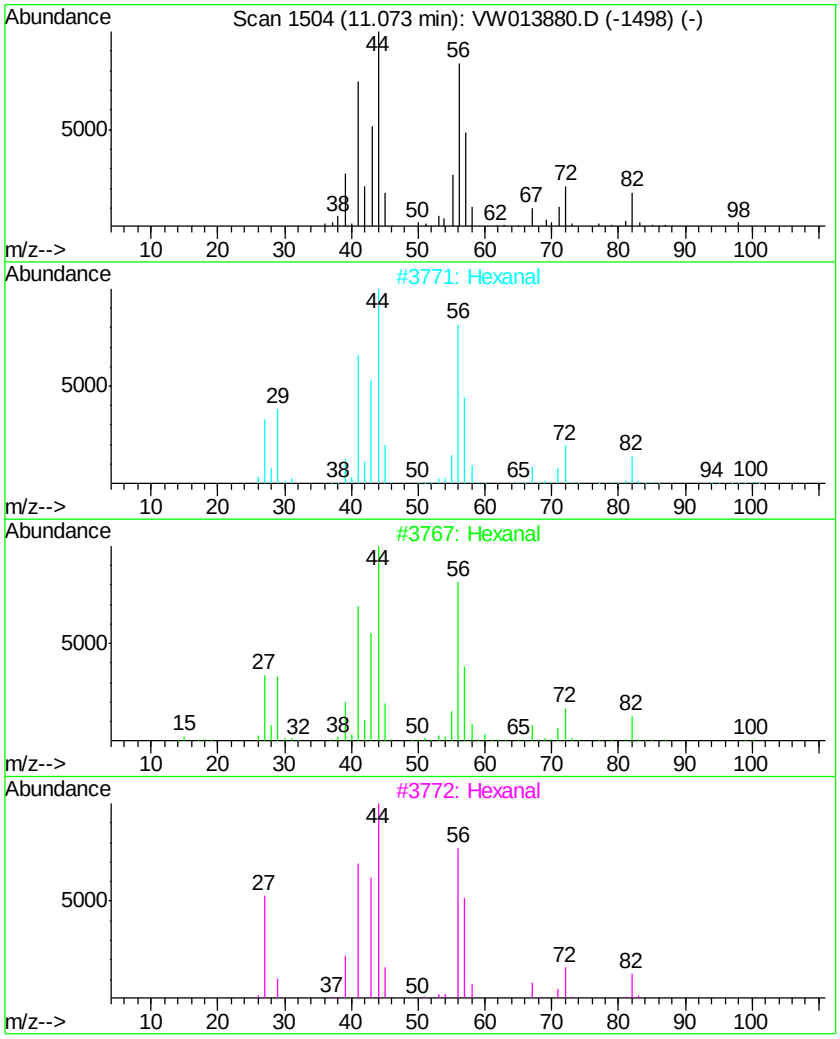
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

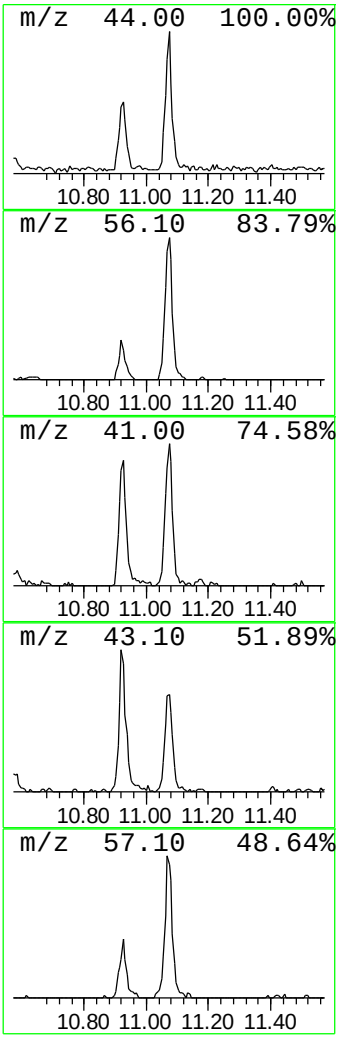
****

Peak Number 3 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.86 ug/L	57682	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	83
3	Hexanal	100	C6H12O	000066-25-1	72
4	Hexanal	100	C6H12O	000066-25-1	59
5	N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	38





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis

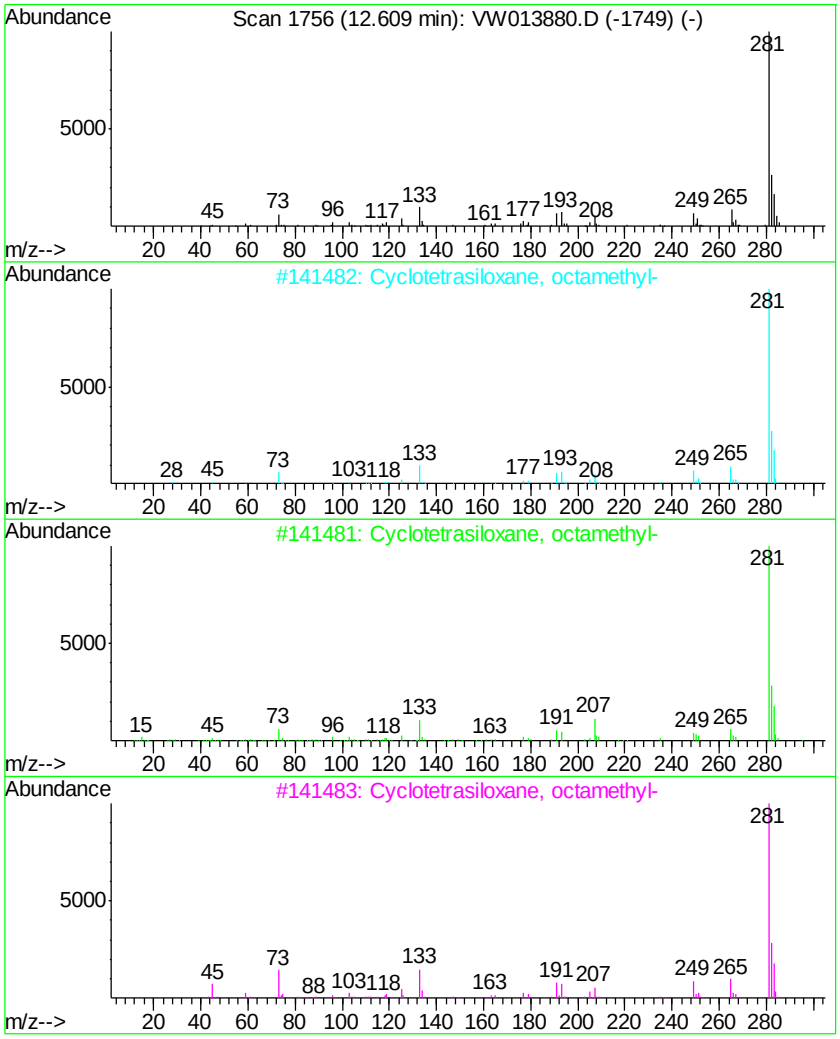
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

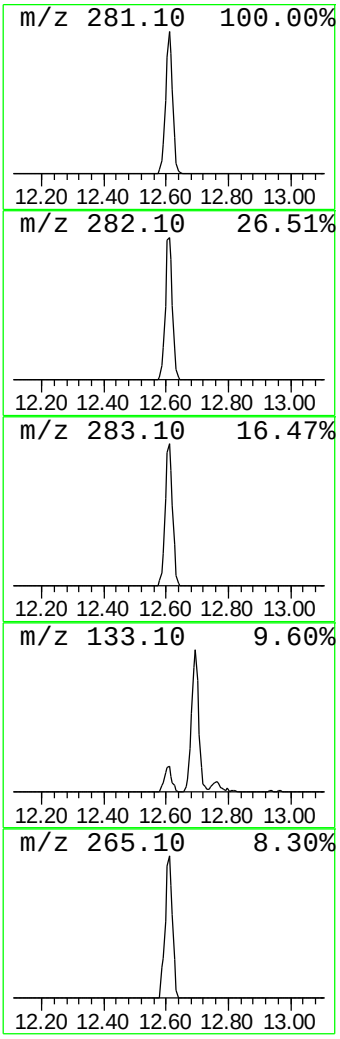
****

Peak Number 4 Cyclotetrasiloxane, octamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	3.32 ug/L	82734	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
4	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	59
5	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
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Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.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
Ethyl Acetate	7.25	2.2	ug/L	60282	1	8.84	694638	25.0
Hexanal	11.07	1.9	ug/L	57682	2	11.63	774652	25.0
Cyclotetrasiloxan...	12.61	3.3	ug/L	82734	3	13.56	622334	25.0