LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062118\
Data File : VW003400.D
Acq On : 21 Jun 2018 21:30
Operator : SY/AP
Sample : J3621-03
Misc : 5.25G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZB9

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\SOM2WLM062018S.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	1.746	15	26	28	rBV	9219	18227	1.06%	0.173%
2	1.807	28	36	56	rVB	761748	1719311	100.00%	16.290%
3	2.178	89	97	98	rBV5	1706	3969	0.23%	0.038%
4	2.349	119	125	137	rVB	79933	147281	8.57%	1.395%
5	2.886	207	213	229	rVB	51846	139680	8.12%	1.323%
6	3.837	368	369	372	rBV3	815	992	0.06%	0.009%
7	4.007	386	397	410	rBV2	103869	339824	19.77%	3.220%
8	4.148	413	420	432	rVB	19657	64101	3.73%	0.607%
9	4.739	513	517	520	rBV3	595	749	0.04%	0.007%
10	4.904	536	544	545	rBV3	4479	8244	0.48%	0.078%
11	5.227	592	597	598	rBV3	843	1291	0.08%	0.012%
12	5.300	608	609	617	rVB3	750	1378	0.08%	0.013%
13	5.934	704	713	720	rBV6	2179	6832	0.40%	0.065%
14	6.105	739	741	744	rVV2	644	933	0.05%	0.009%
15	6.483	790	803	823	rBV9	8366	54480	3.17%	0.516%
16	6.690	835	837	843	rVB3	700	1295	0.08%	0.012%
17	6.909	867	873	874	rBV2	1048	1546	0.09%	0.015%
18	7.092	894	903	913	rBV	40592	126796	7.37%	1.201%
19	7.299	936	937	942	rVB2	1023	884	0.05%	0.008%
20	7.556	970	979	980	rBV5	704	951	0.06%	0.009%
21	7.647	984	994	1006	rBV	175987	431412	25.09%	4.088%
22	7.952	1040	1044	1050	rVB7	852	2021	0.12%	0.019%
23	8.281	1087	1098	1114	rVV2	333304	1032177	60.03%	9.780%
24	8.415	1114	1120	1126	rVB5	1497	3657	0.21%	0.035%
25	8.708	1162	1168	1172	rBV5	997	2370	0.14%	0.022%
26	8.848	1181	1191	1201	rBV	401374	795121	46.25%	7.534%
27	9.055	1216	1225	1236	rBV2	10501	30841	1.79%	0.292%
28	9.281	1252	1262	1274	rBV	249003	502419	29.22%	4.760%
29	9.427	1283	1286	1287	rBV2	780	751	0.04%	0.007%
30	9.445	1287	1289	1294	rVB4	991	974	0.06%	0.009%
31	9.506	1294	1299	1307	rBV	29741	53761	3.13%	0.509%
32	9.659	1319	1324	1331	rVB5	1227	2705	0.16%	0.026%
33	9.945	1367	1371	1373	rBV3	507	739	0.04%	0.007%
34	10.037	1377	1386	1394	rBV	131563	238449	13.87%	2.259%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZB9

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Title : VOC Analysis

35	10.220	1410	1416	1422	rVB2	6759	12094	0.70%	0.115%
36	10.329	1426	1434	1441	rVV	475002	839437	48.82%	7.954%
37	10.390	1441	1444	1450	rVV2	15025	25615	1.49%	0.243%
38	10.506	1459	1463	1465	rVV2	1369	1479	0.09%	0.014%
39	10.579	1468	1475	1483	rVV	95591	165455	9.62%	1.568%
40	10.707	1492	1496	1502	rVB4	1626	3060	0.18%	0.029%
41	10.774	1502	1507	1512	rVB5	807	1560	0.09%	0.015%
42	10.854	1516	1520	1525	rVB5	2467	4710	0.27%	0.045%
43	10.933	1525	1533	1539	rBV	173171	289263	16.82%	2.741%
44	10.982	1539	1541	1548	rVV2	7421	10901	0.63%	0.103%
45	11.073	1550	1556	1567	rVB2	26084	46560	2.71%	0.441%
46	11.183	1571	1574	1578	rVB4	1550	2446	0.14%	0.023%
47	11.226	1578	1581	1585	rBV3	596	774	0.05%	0.007%
48	11.415	1605	1612	1618	rBV4	1647	3766	0.22%	0.036%
49	11.634	1641	1648	1656	rVV	597660	999560	58.14%	9.471%
50	11.713	1656	1661	1671	rVB	30981	50964	2.96%	0.483%
51	11.841	1676	1682	1689	rBV5	4689	9170	0.53%	0.087%
52	12.000	1703	1708	1709	rVB3	776	875	0.05%	0.008%
53	12.097	1718	1724	1730	rBV5	2974	5933	0.35%	0.056%
54	12.164	1730	1735	1739	rVV2	6206	11436	0.67%	0.108%
55	12.201	1739	1741	1745	rVV2	2692	3202	0.19%	0.030%
56	12.347	1759	1765	1770	rBV5	1708	3887	0.23%	0.037%
57	12.475	1780	1786	1791	rBV7	1821	3455	0.20%	0.033%
58	12.567	1795	1801	1805	rVV3	9277	17010	0.99%	0.161%
59	12.616	1806	1809	1814	rVB2	4524	7052	0.41%	0.067%
60	12.701	1815	1823	1829	rBV	231616	382251	22.23%	3.622%
61	12.768	1829	1834	1837	rVV3	1822	3052	0.18%	0.029%
62	12.939	1858	1862	1865	rBV5	1598	2655	0.15%	0.025%
63	12.981	1865	1869	1873	rVB5	2541	4114	0.24%	0.039%
64	13.036	1875	1878	1883	rVB4	663	1204	0.07%	0.011%
65	13.152	1892	1897	1902	rVB3	4225	6124	0.36%	0.058%
66	13.262	1911	1915	1916	rBV2	794	970	0.06%	0.009%
67	13.329	1924	1926	1929	rVB4	1349	1180	0.07%	0.011%
68	13.408	1933	1939	1944	rBV6	4387	8508	0.49%	0.081%
69	13.481	1944	1951	1954	rBV4	10611	17564	1.02%	0.166%
70	13.512	1954	1956	1958	rVV3	3311	4015	0.23%	0.038%
71	13.567	1958	1965	1973	rVV	625706	971120	56.48%	9.201%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : DAZB9

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Title : VOC Analysis

72	13.658	1975	1980	1985	rVB2	11985	19202	1.12%	0.182%
73	13.719	1989	1990	1995	rVB4	980	1132	0.07%	0.011%
74	13.768	1995	1998	2000	rBV4	1122	1350	0.08%	0.013%
75	13.859	2006	2013	2020	rBV	472111	776394	45.16%	7.356%
76	14.030	2036	2041	2045	rBV5	1846	3376	0.20%	0.032%
77	14.085	2045	2050	2059	rVB	5932	11727	0.68%	0.111%
78	14.146	2059	2060	2065	rVB4	691	797	0.05%	0.008%
79	14.237	2071	2075	2079	rBV6	3669	6274	0.36%	0.059%
80	14.304	2083	2086	2087	rBV3	1418	1620	0.09%	0.015%
81	14.335	2087	2091	2096	rVB4	11392	17219	1.00%	0.163%
82	14.463	2110	2112	2116	rVB5	938	1133	0.07%	0.011%
83	14.536	2117	2124	2128	rBV2	6167	10333	0.60%	0.098%
84	14.640	2138	2141	2143	rBV4	828	1083	0.06%	0.010%
85	14.701	2149	2151	2154	rVB3	1152	1102	0.06%	0.010%
86	14.853	2172	2176	2178	rVB4	634	875	0.05%	0.008%
87	14.944	2188	2191	2194	rBV3	1474	2189	0.13%	0.021%
88	14.987	2194	2198	2201	rVV4	1506	2586	0.15%	0.025%
89	15.072	2210	2212	2217	rBV5	602	829	0.05%	0.008%
90	15.194	2227	2232	2238	rBV6	7361	12294	0.72%	0.116%
91	15.261	2238	2243	2249	rVB7	2775	5787	0.34%	0.055%
92	15.329	2251	2254	2258	rVB3	714	989	0.06%	0.009%
93	15.377	2258	2262	2265	rBV4	1945	3400	0.20%	0.032%
94	15.511	2279	2284	2289	rBV2	4011	7248	0.42%	0.069%
95	15.566	2289	2293	2297	rVV6	974	1652	0.10%	0.016%
96	15.804	2329	2332	2333	rBV3	1040	1109	0.06%	0.011%
97	15.975	2357	2360	2362	rBV4	724	997	0.06%	0.009%
98	16.109	2378	2382	2383	rBV3	797	1042	0.06%	0.010%
99	16.176	2391	2393	2398	rVB3	1018	930	0.05%	0.009%
100	16.590	2458	2461	2464	rVB3	792	901	0.05%	0.009%

Sum of corrected areas: 10554152

LSC Report - Integrated Chromatogram

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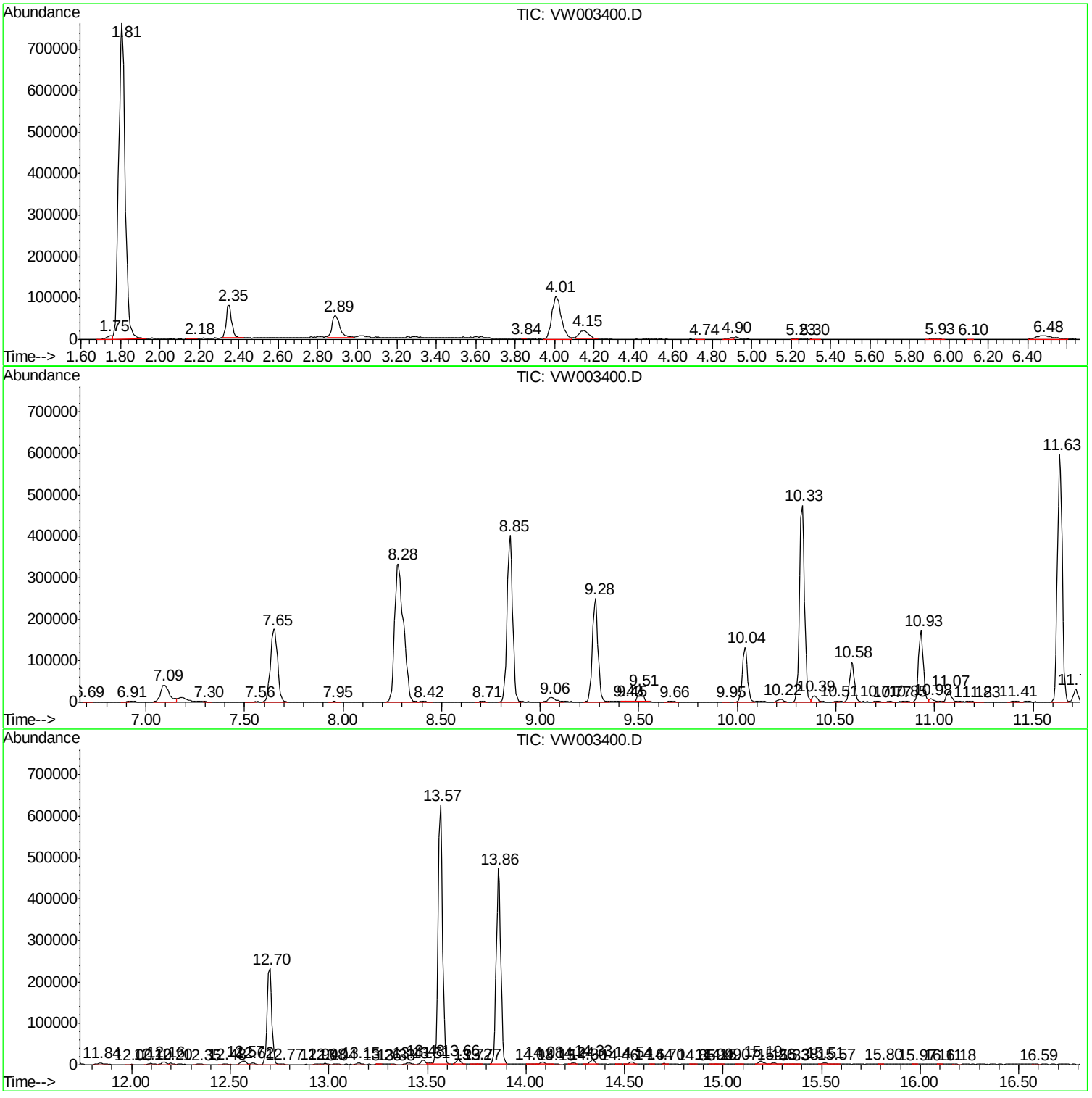
Instrument : MSVOA_W
ClientSampleId : DAZB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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Quant Title : VOC Analysis

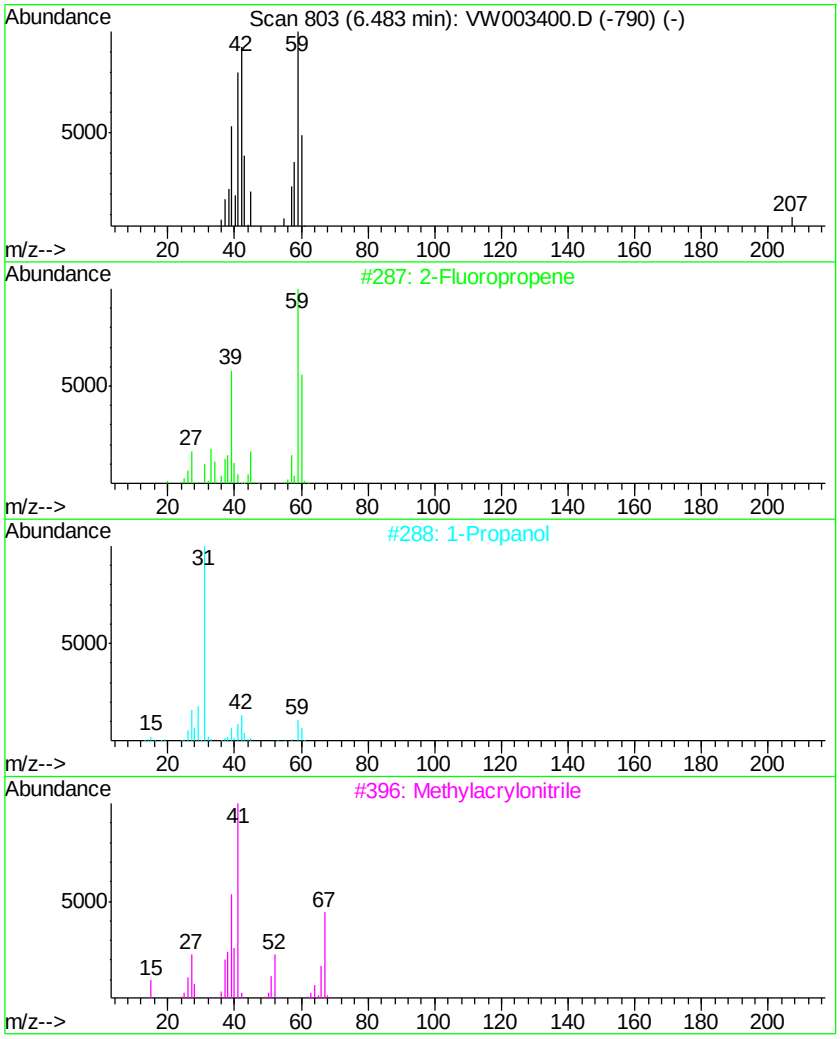
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

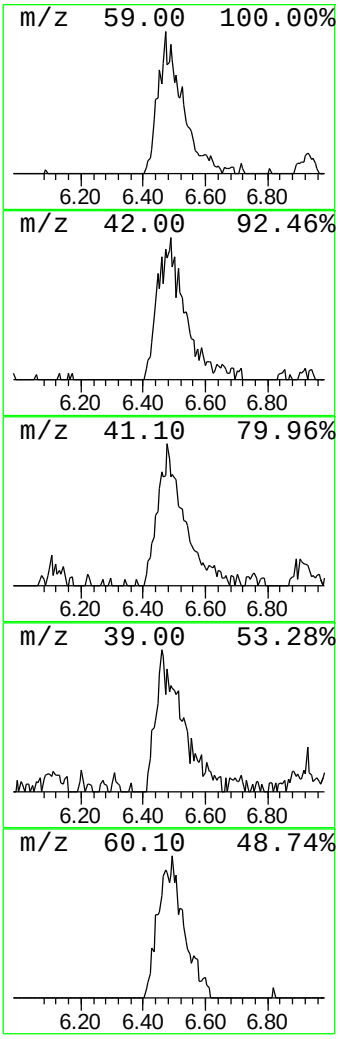
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	1.71 ug/L	54480	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluoropropene	60	C3H5F	001184-60-7	35
2	1-Propanol	60	C3H8O	000071-23-8	32
3	Methylacrylonitrile	67	C4H5N	000126-98-7	27
4	2-Butenal, (E)-	70	C4H6O	000123-73-9	27
5	2-Butenenitrile	67	C4H5N	004786-20-3	16





Library Search Compound Report

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ClientSampleId : DAZB9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

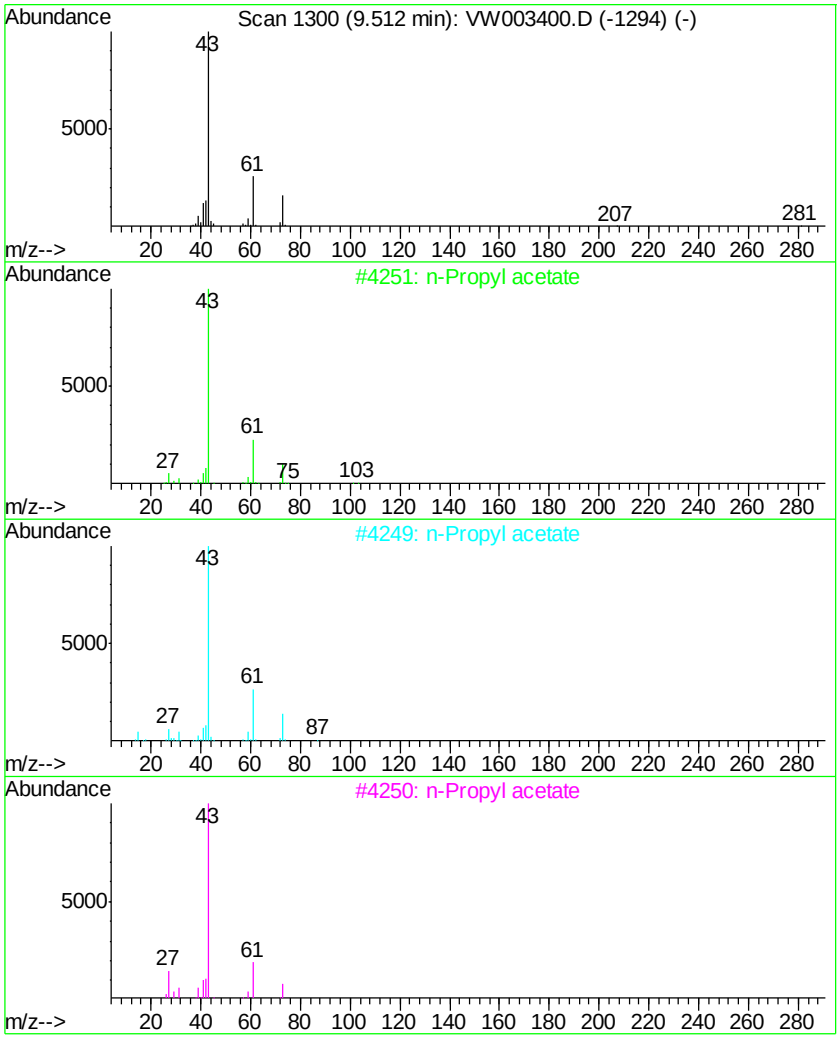
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

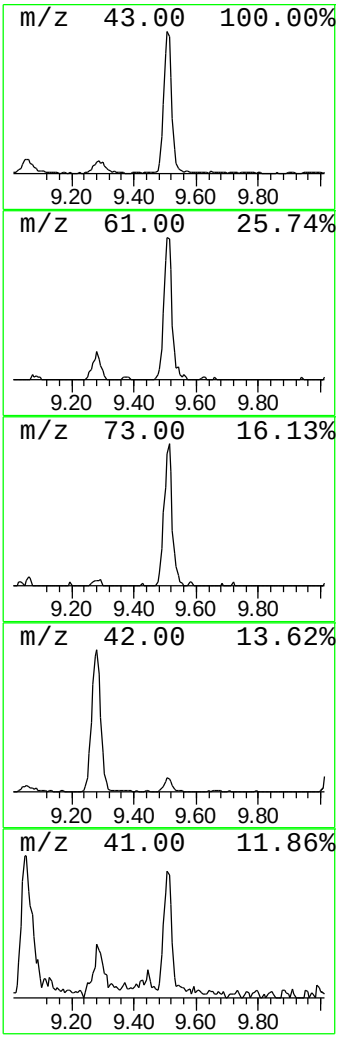
****

Peak Number 3 n-Propyl acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	1.69 ug/L	53761	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	n-Propyl acetate	102	C5H10O2	000109-60-4	64
3	n-Propyl acetate	102	C5H10O2	000109-60-4	56
4	Allyl acetate	100	C5H8O2	000591-87-7	9
5	Acetic acid, hydrazide	74	C2H6N2O	001068-57-1	9





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Quant Title : VOC Analysis

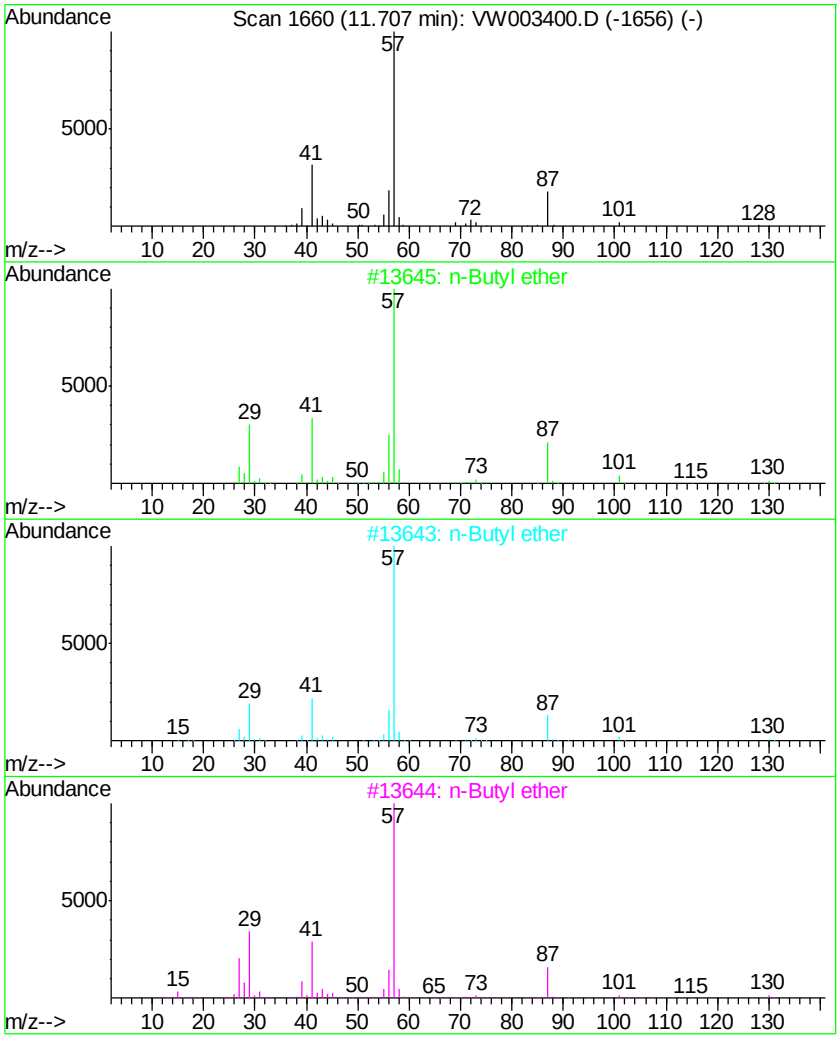
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

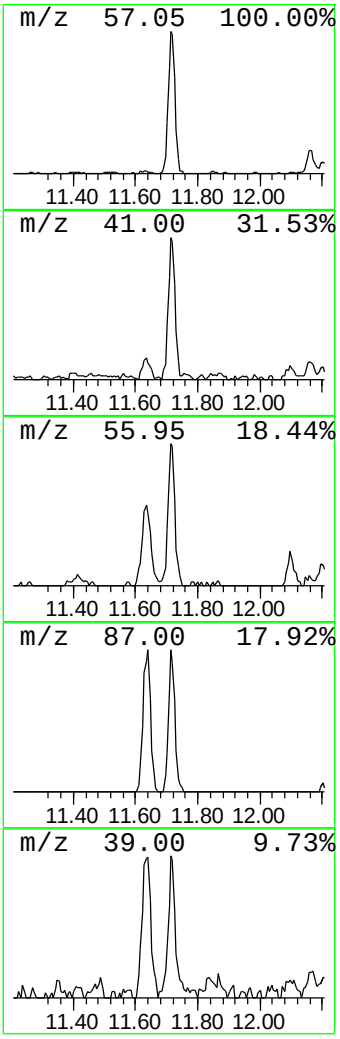
****

Peak Number 5 n-Butyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	1.27 ug/L	50964	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl ether	130	C8H18O	000142-96-1	83
2	n-Butyl ether	130	C8H18O	000142-96-1	80
3	n-Butyl ether	130	C8H18O	000142-96-1	72
4	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	53
5	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	47





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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
unknown-01	6.48	1.7	ug/L	54480	1	8.85	795121	25.0
n-Propyl acetate	9.51	1.7	ug/L	53761	1	8.85	795121	25.0
n-Butyl ether	11.71	1.3	ug/L	50964	2	11.63	999560	25.0