LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
Data File : VW015952.D
Acq On : 24 Jul 2020 16:06
Operator : SY/VA
Sample : L3419-11RE
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AF0RE

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\SOM2WLM072020S.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	83	rVB	44939	77413	14.37%	2.186%
2	2.885	156	161	171	rVB	34648	72134	13.39%	2.037%
3	4.013	336	346	358	rBV	70691	186944	34.70%	5.279%
4	4.208	372	378	390	rVB	5680	14796	2.75%	0.418%
5	4.397	399	409	423	rBV	5506	17610	3.27%	0.497%
6	4.751	463	467	468	rBV2	145	216	0.04%	0.006%
7	4.836	478	481	482	rBV2	154	154	0.03%	0.004%
8	4.921	483	495	508	rVB3	9723	31011	5.76%	0.876%
9	5.068	518	519	522	rBV	255	234	0.04%	0.007%
10	5.263	549	551	553	rBV	251	241	0.04%	0.007%
11	5.647	610	614	618	rBV2	194	348	0.06%	0.010%
12	5.744	629	630	633	rBV2	186	178	0.03%	0.005%
13	5.885	650	653	654	rBV2	196	211	0.04%	0.006%
14	5.940	654	662	673	rVB6	1914	5930	1.10%	0.167%
15	6.031	673	677	678	rBV2	227	317	0.06%	0.009%
16	6.080	684	685	688	rVB	244	169	0.03%	0.005%
17	6.104	688	689	691	rBV	254	195	0.04%	0.006%
18	6.531	757	759	760	rVV	245	143	0.03%	0.004%
19	6.561	763	764	767	rBV2	195	218	0.04%	0.006%
20	6.641	774	777	779	rBV2	151	168	0.03%	0.005%
21	6.665	779	781	782	rVB	221	157	0.03%	0.004%
22	6.683	782	784	787	rBV2	248	273	0.05%	0.008%
23	6.787	799	801	803	rVB2	295	228	0.04%	0.006%
24	6.811	803	805	807	rBV	192	155	0.03%	0.004%
25	6.860	809	813	814	rVB2	147	170	0.03%	0.005%
26	6.921	820	823	826	rBV	364	348	0.06%	0.010%
27	7.092	841	851	852	rBV	9718	19640	3.65%	0.555%
28	7.653	932	943	954	rBV	81983	199404	37.01%	5.631%
29	7.866	975	978	980	rVB2	230	211	0.04%	0.006%
30	7.890	980	982	984	rVB2	201	172	0.03%	0.005%
31	7.994	997	999	1001	rVB	216	153	0.03%	0.004%
32	8.018	1001	1003	1005	rBV	274	226	0.04%	0.006%
33	8.043	1005	1007	1010	rVB	163	169	0.03%	0.005%
34	8.116	1017	1019	1021	rVB2	207	179	0.03%	0.005%

LSC Area Percent Report

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Operator : SY/VA
Sample : L3419-11RE
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AF0RE

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\SOM2WLM072020S.M
Title : VOC Analysis

35	8.274	1033	1045	1062	rVV3	179114	538743	100.00%	15.214%
36	8.531	1085	1087	1090	rBV2	214	209	0.04%	0.006%
37	8.616	1099	1101	1102	rBV	284	158	0.03%	0.004%
38	8.634	1102	1104	1108	rBV2	262	303	0.06%	0.009%
39	8.683	1110	1112	1114	rVV	182	202	0.04%	0.006%
40	8.732	1118	1120	1122	rVB2	253	174	0.03%	0.005%
41	8.762	1122	1125	1128	rVB2	186	203	0.04%	0.006%
42	8.848	1130	1139	1154	rBV	166019	334645	62.12%	9.450%
43	8.994	1161	1163	1164	rVB	251	153	0.03%	0.004%
44	9.049	1169	1172	1173	rBV	356	301	0.06%	0.008%
45	9.274	1200	1209	1222	rBV	108460	219811	40.80%	6.207%
46	9.597	1259	1262	1264	rVB2	293	315	0.06%	0.009%
47	9.665	1269	1273	1277	rBV3	300	591	0.11%	0.017%
48	9.768	1283	1290	1295	rBV4	1258	2426	0.45%	0.069%
49	9.896	1304	1311	1318	rVV4	3286	6770	1.26%	0.191%
50	9.957	1318	1321	1324	rVB	290	305	0.06%	0.009%
51	9.988	1324	1326	1327	rBV	201	145	0.03%	0.004%
52	10.036	1327	1334	1342	rBV	49649	89126	16.54%	2.517%
53	10.146	1351	1352	1356	rVB2	447	390	0.07%	0.011%
54	10.219	1359	1364	1366	rBV2	1555	2635	0.49%	0.074%
55	10.329	1374	1382	1390	rBV	208207	374064	69.43%	10.563%
56	10.457	1399	1403	1410	rBV2	1563	3586	0.67%	0.101%
57	10.579	1417	1423	1433	rVB	29899	51771	9.61%	1.462%
58	10.707	1438	1444	1451	rBV	17369	29188	5.42%	0.824%
59	10.847	1464	1467	1469	rBV2	524	526	0.10%	0.015%
60	10.926	1472	1480	1491	rBV	32573	59147	10.98%	1.670%
61	11.067	1498	1503	1510	rBV	14701	23658	4.39%	0.668%
62	11.176	1519	1521	1525	rVB3	829	858	0.16%	0.024%
63	11.274	1535	1537	1539	rBV2	205	203	0.04%	0.006%
64	11.439	1558	1564	1573	rVB2	9387	16348	3.03%	0.462%
65	11.512	1573	1576	1578	rBV2	177	204	0.04%	0.006%
66	11.585	1586	1588	1589	rBV	301	257	0.05%	0.007%
67	11.634	1589	1596	1604	rVV	212347	357597	66.38%	10.098%
68	11.835	1624	1629	1634	rVV3	1324	2470	0.46%	0.070%
69	11.878	1634	1636	1640	rVB3	750	683	0.13%	0.019%
70	11.963	1647	1650	1652	rBV	287	248	0.05%	0.007%
71	12.012	1656	1658	1660	rVB	270	246	0.05%	0.007%

LSC Area Percent Report

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Sample : L3419-11RE
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AF0RE

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\SOM2WLM072020S.M
Title : VOC Analysis

72	12.073	1664	1668	1669	rVV3	377	334	0.06%	0.009%
73	12.164	1681	1683	1686	rBV2	413	541	0.10%	0.015%
74	12.286	1700	1703	1704	rBV2	184	150	0.03%	0.004%
75	12.341	1709	1712	1713	rBV2	291	250	0.05%	0.007%
76	12.414	1721	1724	1725	rBV2	213	207	0.04%	0.006%
77	12.475	1726	1734	1743	rVV	56947	93871	17.42%	2.651%
78	12.609	1747	1756	1763	rBV3	15615	27959	5.19%	0.790%
79	12.694	1763	1770	1777	rVV	61334	100394	18.63%	2.835%
80	12.755	1777	1780	1789	rVB4	1442	2849	0.53%	0.080%
81	12.859	1794	1797	1799	rBV2	310	465	0.09%	0.013%
82	12.932	1805	1809	1812	rBV2	6078	9321	1.73%	0.263%
83	13.036	1821	1826	1830	rVB5	1257	2365	0.44%	0.067%
84	13.085	1830	1834	1837	rBV3	635	1028	0.19%	0.029%
85	13.170	1842	1848	1849	rBV3	773	1144	0.21%	0.032%
86	13.194	1849	1852	1856	rVB3	2218	3161	0.59%	0.089%
87	13.249	1859	1861	1864	rBV3	445	402	0.07%	0.011%
88	13.298	1864	1869	1875	rVB3	4332	7073	1.31%	0.200%
89	13.377	1878	1882	1883	rBV2	1335	1866	0.35%	0.053%
90	13.408	1884	1887	1892	rVB3	3679	5493	1.02%	0.155%
91	13.469	1892	1897	1906	rBV2	45616	78771	14.62%	2.224%
92	13.560	1906	1912	1918	rBV	147144	235362	43.69%	6.646%
93	13.761	1941	1945	1950	rBV4	2672	5475	1.02%	0.155%
94	13.853	1954	1960	1967	rBV	115491	198663	36.88%	5.610%
95	13.993	1981	1983	1984	rBV	621	427	0.08%	0.012%
96	14.072	1991	1996	2002	rBV2	5322	9036	1.68%	0.255%
97	14.432	2053	2055	2056	rVB	355	183	0.03%	0.005%
98	14.725	2098	2103	2109	rBV4	2705	4694	0.87%	0.133%
99	14.920	2133	2135	2138	rBV3	331	474	0.09%	0.013%
100	15.298	2195	2197	2200	rVB2	495	460	0.09%	0.013%

Sum of corrected areas: 3541192

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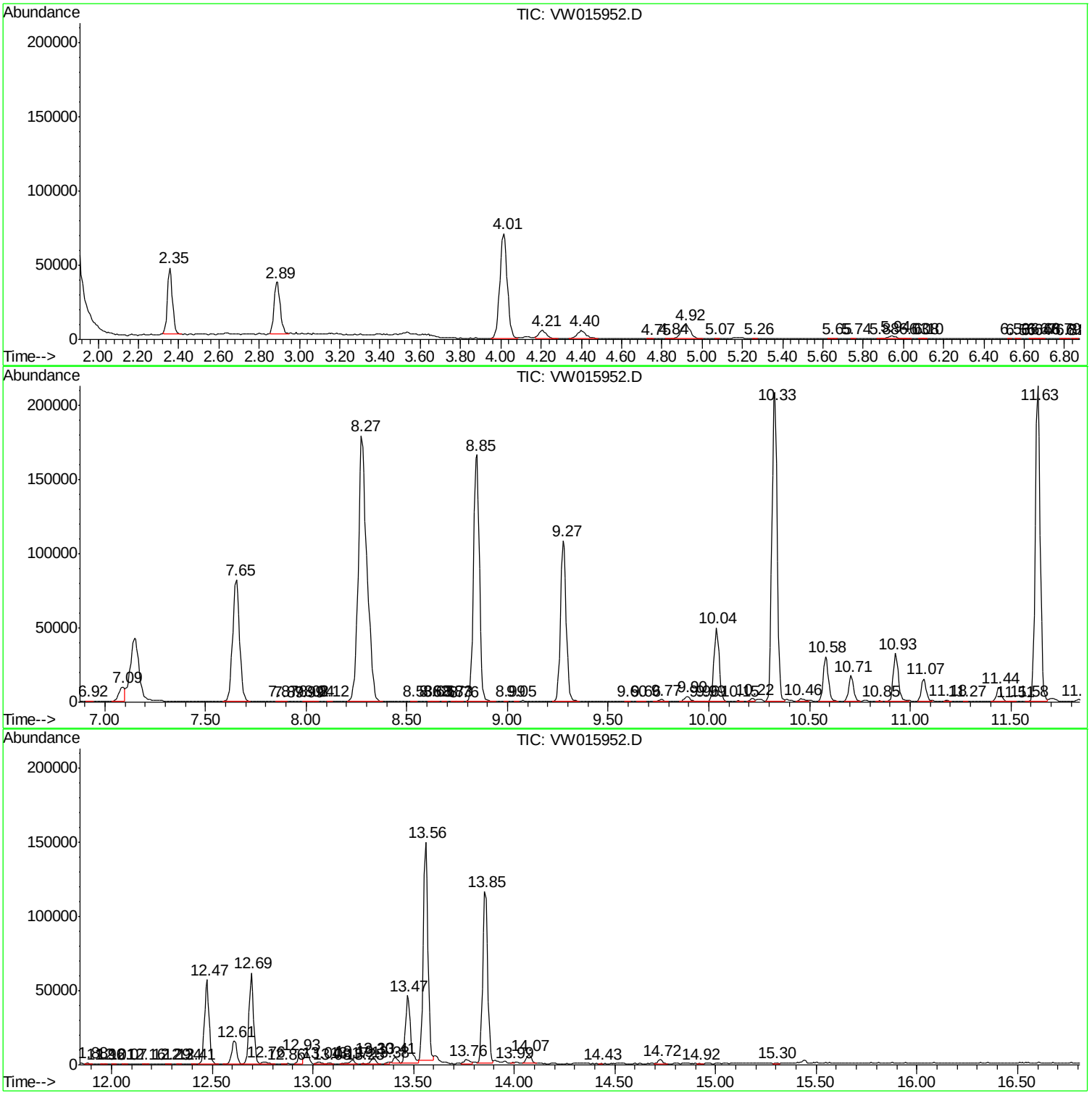
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AF0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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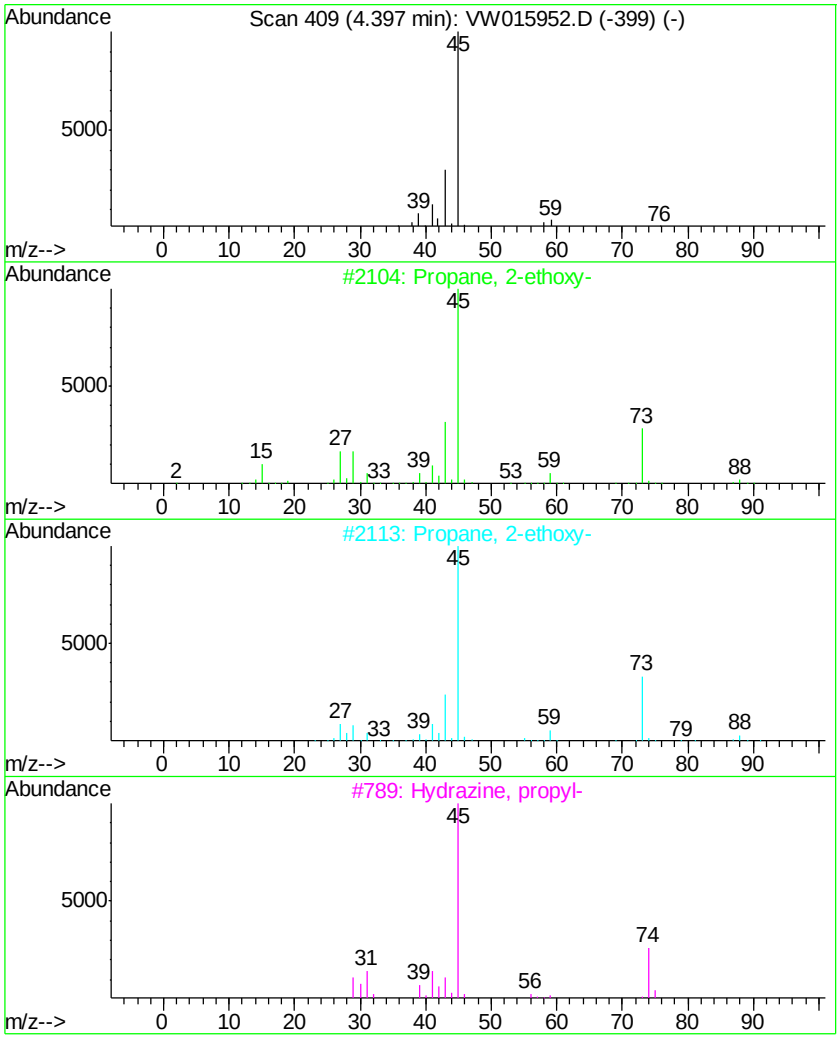
TIC Integration Parameters: LSCINT.P

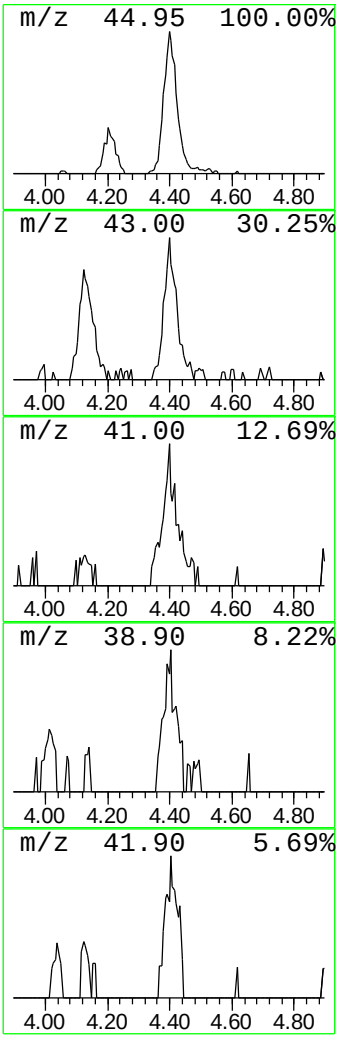
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	1.32 ug/L	17610	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	56
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
3	Hydrazine, propyl-	74	C3H10N2	005039-61-2	9
4	4-Penten-2-ol	86	C5H10O	000625-31-0	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Library Search Compound Report

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Data File : VW015952.D
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Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AF0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

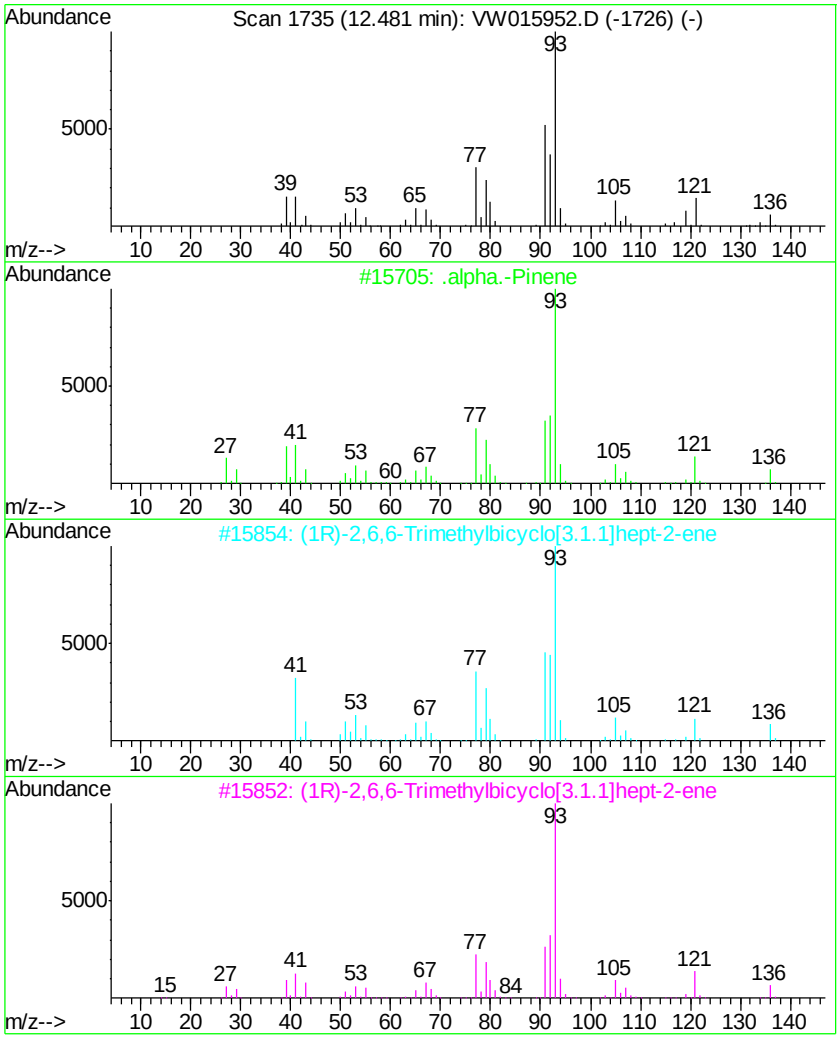
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

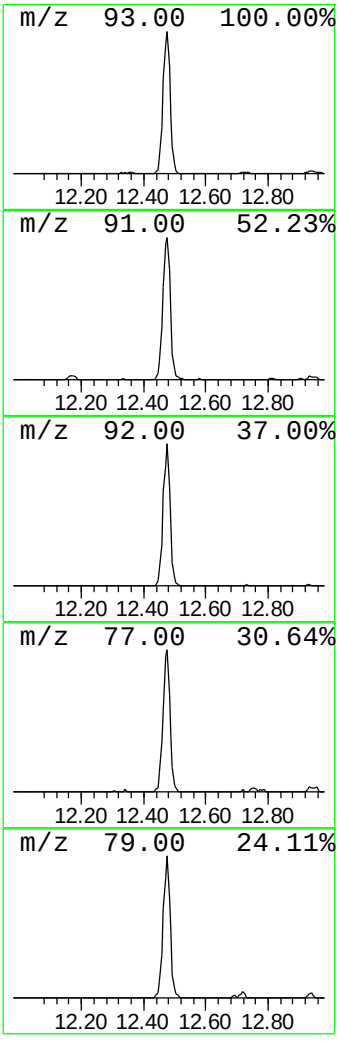
****

Peak Number 5 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	6.56 ug/L	93871	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	96
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	93
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

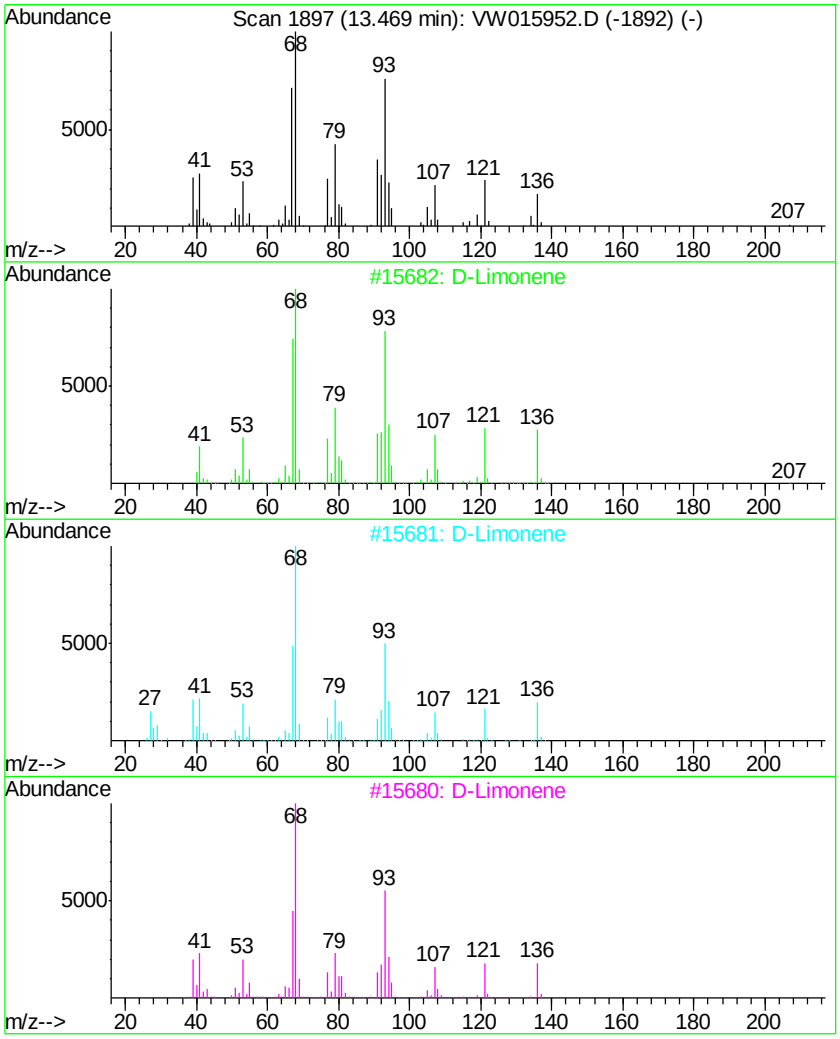
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

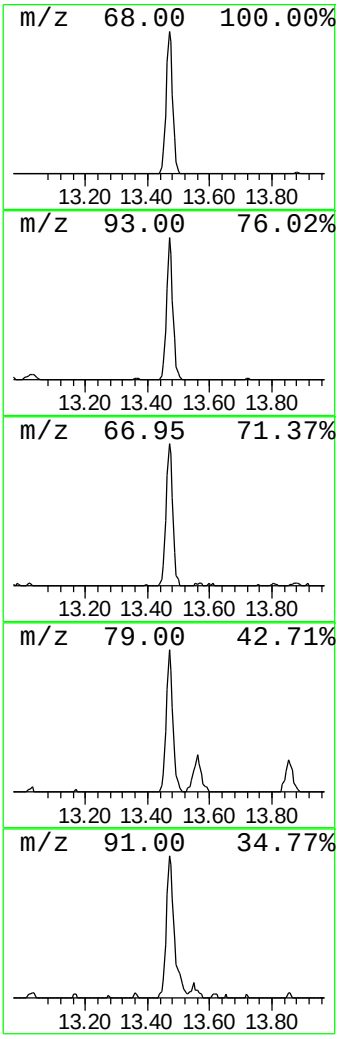
****

Peak Number 7 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	8.37 ug/L	78771	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	93
2	D-Limonene	136	C10H16	005989-27-5	90
3	D-Limonene	136	C10H16	005989-27-5	87
4	D-Limonene	136	C10H16	005989-27-5	87
5	Limonene	136	C10H16	000138-86-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
Data File : VW015952.D
Acq On : 24 Jul 2020 16:06
Operator : SY/VA
Sample : L3419-11RE
Misc : 5.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AF0RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.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
Isopropyl Alcohol	4.40	1.3	ug/L	17610	1	8.85	334645	25.0
.alpha.-Pinene	12.48	6.6	ug/L	93871	2	11.63	357597	25.0
D-Limonene	13.47	8.4	ug/L	78771	3	13.56	235362	25.0