LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072018\
Data File : VW004076.D
Acq On : 20 Jul 2018 15:00
Operator : SY/AP
Sample : J4023-11
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1L4

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\SOM2WLM071818S.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	1.618	3	5	8	rVB2	306	291	0.00%	0.002%
2	1.746	19	26	27	rBV	11295	16576	0.23%	0.106%
3	1.807	27	36	59	rVB	3299008	7079168	100.00%	45.264%
4	2.154	90	93	98	rBV3	2270	4171	0.06%	0.027%
5	2.349	119	125	132	rVB	56126	98754	1.39%	0.631%
6	2.886	208	213	224	rVB	31282	78752	1.11%	0.504%
7	4.001	385	396	409	rBV	95557	289033	4.08%	1.848%
8	4.251	436	437	445	rVB5	592	891	0.01%	0.006%
9	4.349	451	453	454	rBV	541	276	0.00%	0.002%
10	4.367	454	456	457	rBV	731	544	0.01%	0.003%
11	4.556	486	487	490	rVB	319	223	0.00%	0.001%
12	4.593	490	493	494	rBV2	378	427	0.01%	0.003%
13	4.660	501	504	507	rBV3	712	1134	0.02%	0.007%
14	4.812	527	529	532	rVB	382	264	0.00%	0.002%
15	4.904	532	544	563	rBV3	18638	66244	0.94%	0.424%
16	5.062	567	570	573	rBV2	365	469	0.01%	0.003%
17	5.160	583	586	587	rBV2	282	253	0.00%	0.002%
18	5.355	614	618	620	rBV3	248	296	0.00%	0.002%
19	5.416	627	628	630	rVB	314	183	0.00%	0.001%
20	5.446	630	633	634	rBV3	261	279	0.00%	0.002%
21	5.678	670	671	674	rBV2	202	215	0.00%	0.001%
22	5.702	674	675	678	rVB2	267	198	0.00%	0.001%
23	5.751	681	683	686	rVB	359	279	0.00%	0.002%
24	5.940	704	714	721	rBV3	3661	10804	0.15%	0.069%
25	6.257	764	766	767	rBV2	295	176	0.00%	0.001%
26	6.446	794	797	798	rBV	321	243	0.00%	0.002%
27	6.483	801	803	807	rVB	152	209	0.00%	0.001%
28	6.611	821	824	828	rBV2	323	477	0.01%	0.003%
29	6.903	869	872	874	rBV2	205	196	0.00%	0.001%
30	7.080	893	901	911	rBV	31079	89980	1.27%	0.575%
31	7.397	950	953	955	rBV	191	240	0.00%	0.002%
32	7.428	956	958	960	rVB2	273	233	0.00%	0.001%
33	7.513	970	972	973	rBV	627	529	0.01%	0.003%
34	7.647	983	994	1006	rBV	170732	415098	5.86%	2.654%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1L4

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\SOM2WLM071818S.M
Title : VOC Analysis

35	7.732	1006	1008	1012	rVB3	545	543	0.01%	0.003%
36	7.769	1012	1014	1016	rBV2	312	185	0.00%	0.001%
37	7.964	1045	1046	1048	rBV	265	233	0.00%	0.001%
38	8.043	1056	1059	1062	rBV2	305	419	0.01%	0.003%
39	8.171	1079	1080	1083	rBV	643	527	0.01%	0.003%
40	8.214	1085	1087	1088	rBV	236	177	0.00%	0.001%
41	8.281	1088	1098	1113	rVV2	297188	908297	12.83%	5.808%
42	8.629	1152	1155	1156	rBV2	486	530	0.01%	0.003%
43	8.690	1162	1165	1166	rBV2	366	346	0.00%	0.002%
44	8.787	1180	1181	1182	rBV	275	182	0.00%	0.001%
45	8.848	1182	1191	1205	rVV	375369	735452	10.39%	4.702%
46	8.976	1210	1212	1213	rVB	441	174	0.00%	0.001%
47	9.049	1217	1224	1226	rBV2	1349	3021	0.04%	0.019%
48	9.202	1245	1249	1250	rBV2	363	383	0.01%	0.002%
49	9.281	1253	1262	1271	rBV	228970	463692	6.55%	2.965%
50	9.439	1285	1288	1289	rBV2	215	273	0.00%	0.002%
51	9.452	1289	1290	1293	rVB3	440	244	0.00%	0.002%
52	9.482	1293	1295	1296	rBV	241	174	0.00%	0.001%
53	9.561	1305	1308	1311	rVV2	217	231	0.00%	0.001%
54	9.604	1313	1315	1316	rBV2	268	225	0.00%	0.001%
55	9.665	1321	1325	1330	rVV4	1011	1532	0.02%	0.010%
56	9.781	1341	1344	1346	rBV2	440	483	0.01%	0.003%
57	9.958	1369	1373	1375	rBV	301	435	0.01%	0.003%
58	10.037	1377	1386	1394	rBV	102275	187639	2.65%	1.200%
59	10.128	1398	1401	1406	rVB5	972	1633	0.02%	0.010%
60	10.220	1412	1416	1421	rVB4	391	636	0.01%	0.004%
61	10.330	1425	1434	1442	rBV	395151	691114	9.76%	4.419%
62	10.506	1459	1463	1466	rVV4	439	648	0.01%	0.004%
63	10.579	1468	1475	1486	rVV	73559	128276	1.81%	0.820%
64	10.714	1492	1497	1502	rVB3	2736	5087	0.07%	0.033%
65	10.793	1508	1510	1512	rBV3	484	420	0.01%	0.003%
66	10.848	1516	1519	1520	rBV2	268	282	0.00%	0.002%
67	10.933	1526	1533	1546	rBV	115060	206129	2.91%	1.318%
68	11.214	1578	1579	1584	rVB2	317	354	0.01%	0.002%
69	11.250	1584	1585	1587	rBV	458	305	0.00%	0.002%
70	11.274	1587	1589	1592	rVV3	378	436	0.01%	0.003%
71	11.329	1594	1598	1601	rVB3	258	302	0.00%	0.002%

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ClientSampleId : DB1L4

Integration Parameters: LSCINT.P
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Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Title : VOC Analysis

72	11.396	1605	1609	1614	rBV3	397	749	0.01%	0.005%
73	11.470	1617	1621	1626	rVB3	345	566	0.01%	0.004%
74	11.634	1638	1648	1657	rBV	514929	869134	12.28%	5.557%
75	11.713	1659	1661	1662	rBV2	468	278	0.00%	0.002%
76	11.835	1677	1681	1687	rVB3	1819	3124	0.04%	0.020%
77	11.915	1692	1694	1695	rBV2	370	280	0.00%	0.002%
78	12.067	1715	1719	1721	rVB	159	247	0.00%	0.002%
79	12.183	1733	1738	1744	rVB7	2016	4247	0.06%	0.027%
80	12.244	1747	1748	1749	rBV	385	184	0.00%	0.001%
81	12.347	1761	1765	1766	rBV3	402	379	0.01%	0.002%
82	12.445	1778	1781	1782	rBV2	248	294	0.00%	0.002%
83	12.476	1782	1786	1789	rBV4	542	947	0.01%	0.006%
84	12.640	1790	1813	1819	rBV4	406380	1625459	22.96%	10.393%
85	12.945	1858	1863	1864	rBV3	3027	4440	0.06%	0.028%
86	12.975	1864	1868	1875	rVB	25123	40307	0.57%	0.258%
87	13.116	1888	1891	1897	rBV4	961	1802	0.03%	0.012%
88	13.158	1897	1898	1899	rBV	580	272	0.00%	0.002%
89	13.213	1903	1907	1910	rBV4	910	1625	0.02%	0.010%
90	13.384	1930	1935	1940	rBV4	2820	6254	0.09%	0.040%
91	13.567	1958	1965	1973	rBV	527872	831505	11.75%	5.317%
92	13.658	1976	1980	2000	rVB7	16620	51074	0.72%	0.327%
93	13.859	2005	2013	2025	rBV	385954	645010	9.11%	4.124%
94	14.085	2046	2050	2056	rBV	3894	6541	0.09%	0.042%
95	14.335	2088	2091	2095	rVB3	2551	3234	0.05%	0.021%
96	14.536	2120	2124	2137	rVB6	12571	35474	0.50%	0.227%
97	14.737	2153	2157	2162	rBV5	4296	6767	0.10%	0.043%
98	15.060	2208	2210	2212	rBV3	647	707	0.01%	0.005%
99	15.103	2215	2217	2218	rVV	604	295	0.00%	0.002%
100	15.566	2291	2293	2294	rBV	734	540	0.01%	0.003%

Sum of corrected areas: 15639859

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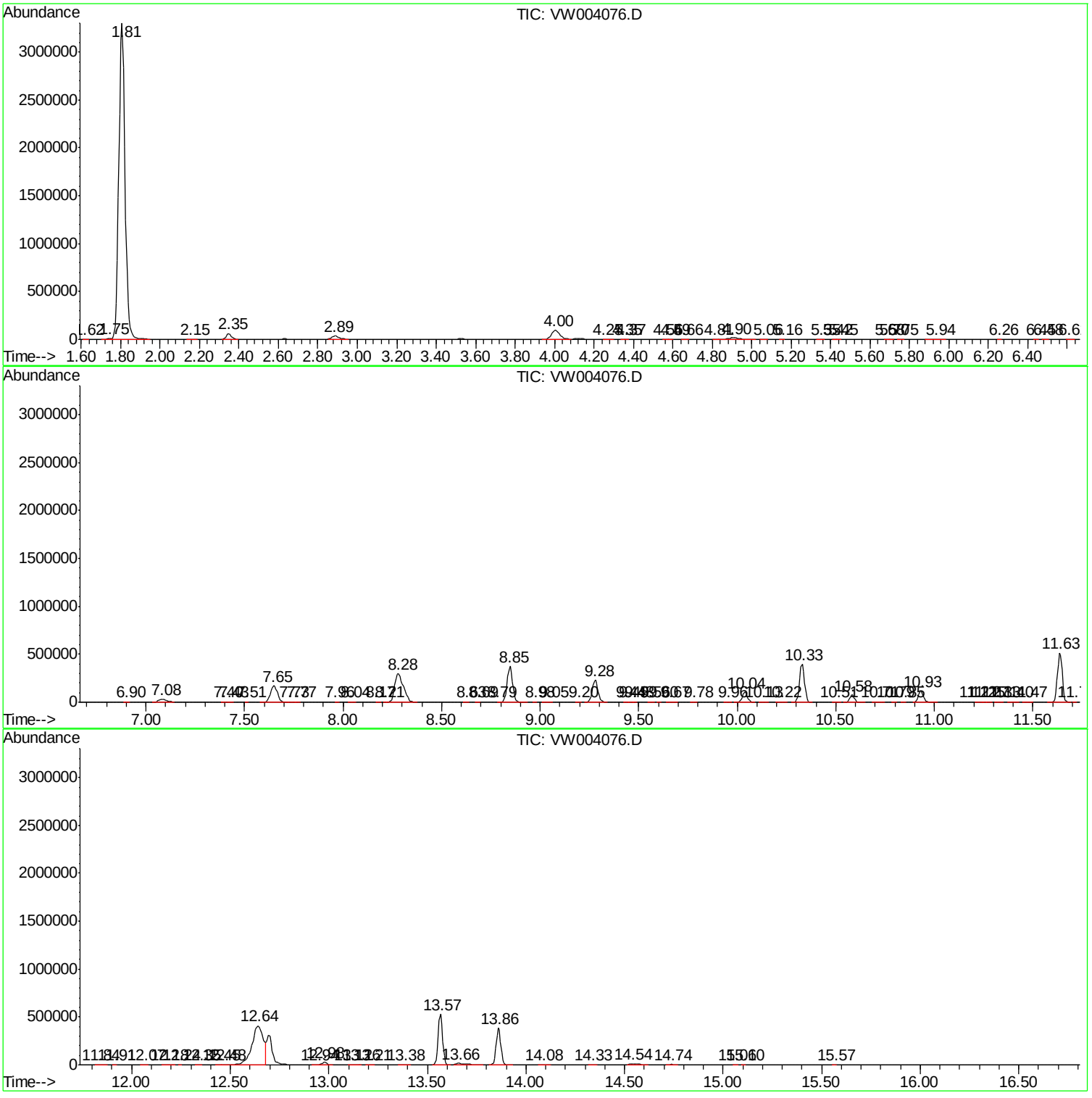
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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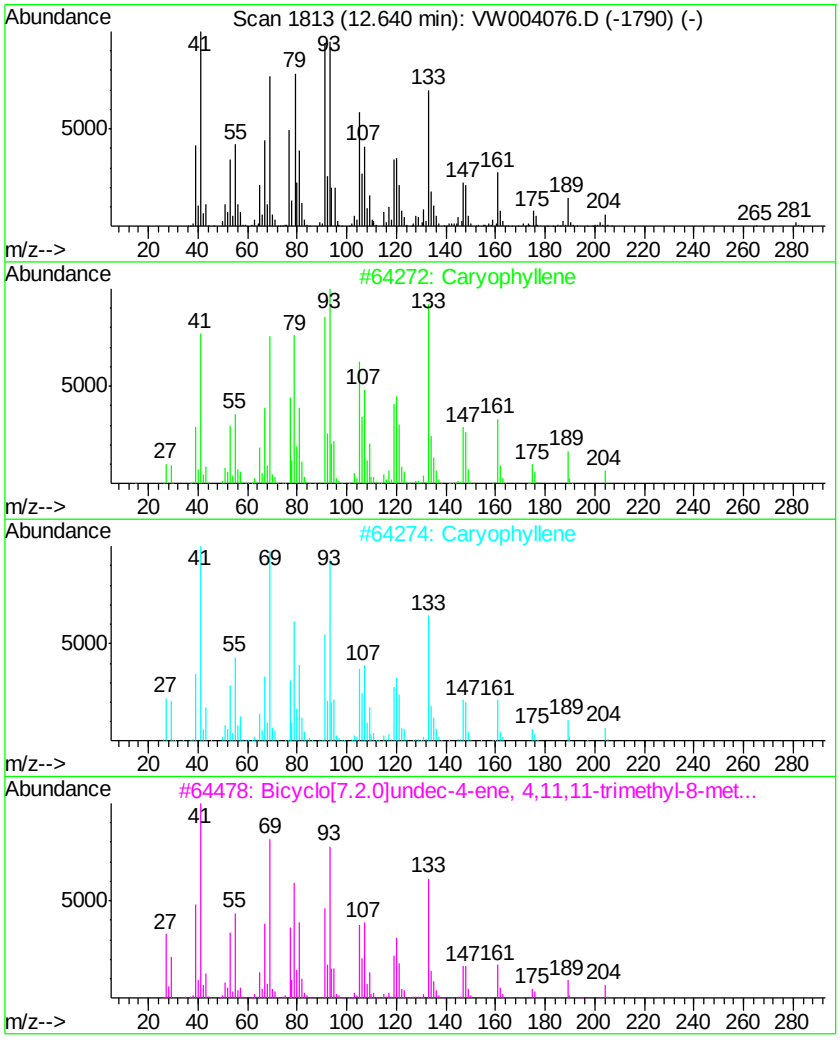
TIC Integration Parameters: LSCINT.P

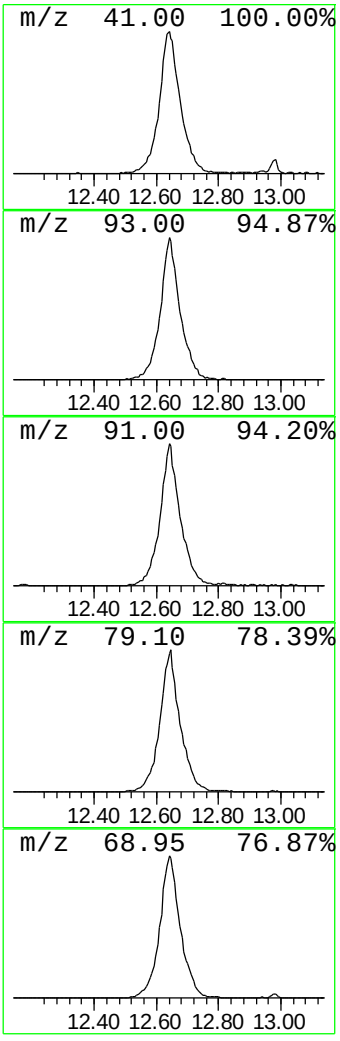
****

Peak Number 3 Caryophyllene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	48.87 ug/L	1625460	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Caryophyllene	204	C15H24	000087-44-5	98
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	98
4	Caryophyllene	204	C15H24	000087-44-5	98
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	94





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

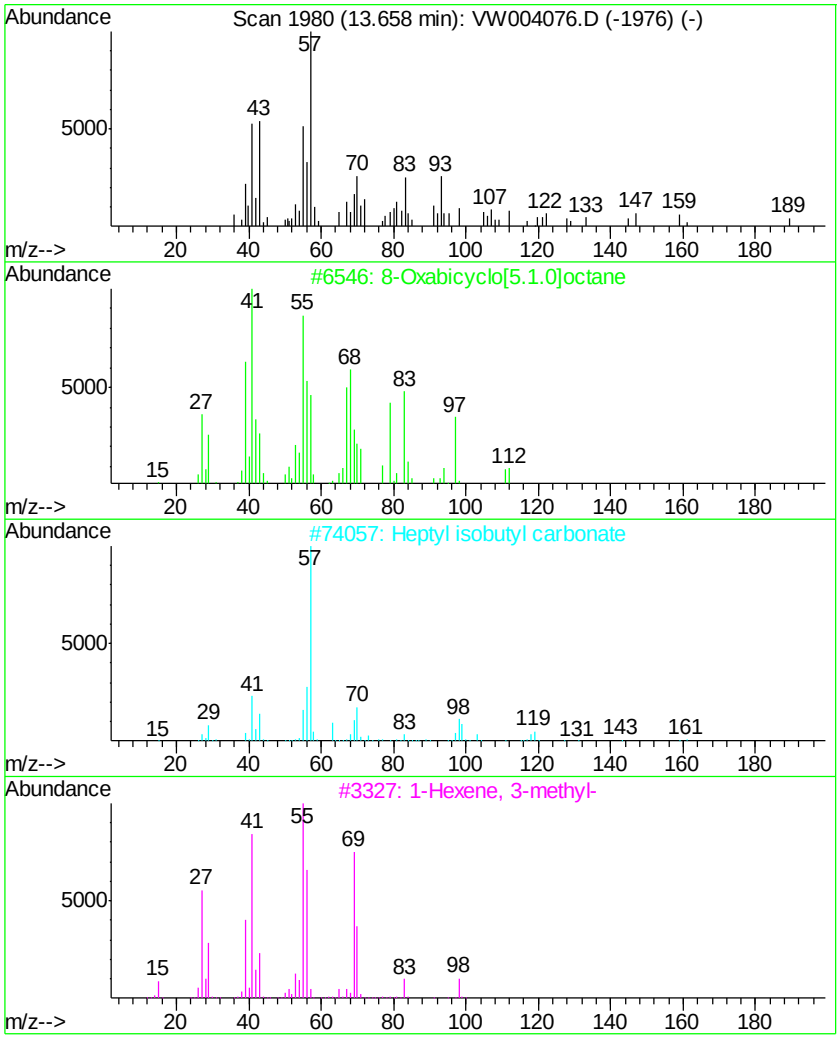
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

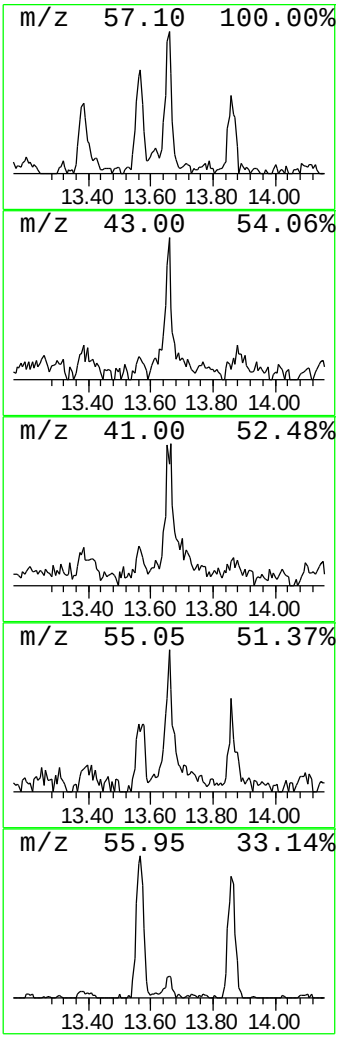
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	1.54 ug/L	51074	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Oxabicyclo[5.1.0]octane	112	C7H12O	000286-45-3	38
2	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	38
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
4	Cycloheptane	98	C7H14	000291-64-5	35
5	Cycloheptane	98	C7H14	000291-64-5	35





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Caryophyllene	12.64	48.9	ug/L	1625460	3	13.57	831505	25.0
unknown-01	13.66	1.5	ug/L	51074	3	13.57	831505	25.0