LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
Data File : VW006315.D
Acq On : 24 Oct 2018 13:25
Operator : SY/AP
Sample : J5635-08
Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40E7

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\SOM2WLM100918S.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	2.154	38	41	45	rBV2	655	985	0.08%	0.010%
2	2.190	45	47	48	rBV2	591	419	0.04%	0.004%
3	2.361	68	75	87	rBV	61300	130038	10.97%	1.317%
4	2.898	155	163	179	rBV	54934	143625	12.11%	1.455%
5	3.855	313	320	326	rBV4	1351	3455	0.29%	0.035%
6	4.013	335	346	358	rBV	130359	376427	31.74%	3.813%
7	4.129	358	365	377	rVB	24272	68556	5.78%	0.695%
8	4.336	397	399	402	rVB	394	338	0.03%	0.003%
9	4.391	402	408	409	rBV3	496	878	0.07%	0.009%
10	4.428	409	414	415	rBV2	728	1089	0.09%	0.011%
11	4.647	447	450	452	rBV3	238	380	0.03%	0.004%
12	4.788	470	473	476	rVB2	248	321	0.03%	0.003%
13	4.910	482	493	505	rBV2	8709	29222	2.46%	0.296%
14	5.208	540	542	545	rVB	306	299	0.03%	0.003%
15	5.245	545	548	550	rBV3	185	244	0.02%	0.002%
16	5.422	574	577	581	rVB2	254	353	0.03%	0.004%
17	5.940	654	662	669	rBV6	1841	5074	0.43%	0.051%
18	6.129	690	693	697	rVB4	213	317	0.03%	0.003%
19	6.342	726	728	731	rBV3	246	328	0.03%	0.003%
20	6.891	817	818	823	rVB3	234	280	0.02%	0.003%
21	6.934	823	825	830	rBV2	230	299	0.03%	0.003%
22	7.001	834	836	840	rVB2	259	246	0.02%	0.002%
23	7.080	840	849	857	rBV	46943	130830	11.03%	1.325%
24	7.287	882	883	888	rVB3	232	305	0.03%	0.003%
25	7.488	914	916	919	rVV3	290	350	0.03%	0.004%
26	7.543	919	925	931	rVV4	936	1969	0.17%	0.020%
27	7.653	931	943	957	rVV	202723	492672	41.55%	4.991%
28	8.043	1001	1007	1009	rBV2	172	251	0.02%	0.003%
29	8.189	1028	1031	1032	rBV	408	445	0.04%	0.005%
30	8.281	1035	1046	1061	rVV2	389214	1185809	100.00%	12.013%
31	8.628	1100	1103	1106	rBV3	668	1170	0.10%	0.012%
32	8.702	1111	1115	1121	rVV4	843	1992	0.17%	0.020%
33	8.848	1130	1139	1152	rBV	429696	862190	72.71%	8.734%
34	9.079	1167	1177	1184	rBV5	1309	4121	0.35%	0.042%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Title : VOC Analysis

35	9.275	1200	1209	1226	rBV	263711	548650	46.27%	5.558%
36	9.421	1231	1233	1234	rVV2	375	267	0.02%	0.003%
37	9.512	1244	1248	1249	rBV3	211	278	0.02%	0.003%
38	9.659	1268	1272	1278	rVB4	1310	2430	0.20%	0.025%
39	9.732	1282	1284	1286	rBV2	282	296	0.02%	0.003%
40	9.787	1291	1293	1294	rBV	302	317	0.03%	0.003%
41	10.037	1326	1334	1343	rVV	147748	265397	22.38%	2.689%
42	10.122	1346	1348	1356	rVB5	1443	2374	0.20%	0.024%
43	10.213	1361	1363	1366	rBV2	247	253	0.02%	0.003%
44	10.244	1366	1368	1371	rBV2	287	302	0.03%	0.003%
45	10.329	1371	1382	1389	rBV	586633	1037157	87.46%	10.507%
46	10.390	1389	1392	1399	rVB	4268	6806	0.57%	0.069%
47	10.463	1403	1404	1408	rBV2	483	404	0.03%	0.004%
48	10.579	1416	1423	1433	rVB	99419	172046	14.51%	1.743%
49	10.707	1439	1444	1451	rBV	3162	5480	0.46%	0.056%
50	10.927	1473	1480	1491	rVV	186570	316124	26.66%	3.203%
51	11.030	1492	1497	1502	rVV2	7998	13833	1.17%	0.140%
52	11.073	1502	1504	1512	rVV3	1906	2733	0.23%	0.028%
53	11.451	1564	1566	1568	rBV2	271	245	0.02%	0.002%
54	11.549	1578	1582	1584	rBV	258	306	0.03%	0.003%
55	11.634	1587	1596	1603	rBV	636984	1064089	89.74%	10.780%
56	11.835	1625	1629	1636	rVV3	1441	2650	0.22%	0.027%
57	12.012	1655	1658	1659	rBV	317	301	0.03%	0.003%
58	12.177	1677	1685	1692	rBV7	1068	2544	0.21%	0.026%
59	12.475	1728	1734	1741	rBV	52029	86373	7.28%	0.875%
60	12.615	1751	1757	1762	rVB	8602	14130	1.19%	0.143%
61	12.695	1762	1770	1778	rVB	276875	460349	38.82%	4.664%
62	12.768	1778	1782	1785	rVB4	443	659	0.06%	0.007%
63	12.817	1785	1790	1793	rBV3	260	312	0.03%	0.003%
64	12.871	1795	1799	1803	rBV4	610	1082	0.09%	0.011%
65	12.939	1805	1810	1818	rBV6	3932	8780	0.74%	0.089%
66	13.030	1818	1825	1832	rVB	23724	40278	3.40%	0.408%
67	13.115	1835	1839	1840	rBV3	469	349	0.03%	0.004%
68	13.164	1843	1847	1849	rBV4	656	817	0.07%	0.008%
69	13.219	1850	1856	1865	rBV	116121	171994	14.50%	1.742%
70	13.420	1883	1889	1891	rVB3	1341	2053	0.17%	0.021%
71	13.475	1891	1898	1906	rBV3	31037	52317	4.41%	0.530%

LSC Area Percent Report

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Instrument : MSVOA_W
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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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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Title : VOC Analysis

72	13.567	1906	1913	1924	rVV	667455	1097470	92.55%	11.118%
73	13.658	1924	1928	1934	rVB5	2275	3315	0.28%	0.034%
74	13.725	1936	1939	1941	rBV3	689	718	0.06%	0.007%
75	13.774	1943	1947	1949	rBV4	765	956	0.08%	0.010%
76	13.859	1954	1961	1970	rBV	613544	995950	83.99%	10.090%
77	13.963	1975	1978	1983	rBV4	517	1118	0.09%	0.011%
78	14.079	1990	1997	2004	rVV	11781	19581	1.65%	0.198%
79	14.237	2022	2023	2025	rBV	344	257	0.02%	0.003%
80	14.335	2034	2039	2044	rVB6	1621	2545	0.21%	0.026%
81	14.505	2064	2067	2068	rBV2	775	620	0.05%	0.006%
82	14.530	2068	2071	2072	rVV2	1280	1534	0.13%	0.016%
83	14.664	2092	2093	2096	rVB2	305	260	0.02%	0.003%
84	14.700	2096	2099	2101	rBV3	313	444	0.04%	0.004%
85	14.731	2101	2104	2106	rVV2	646	820	0.07%	0.008%
86	14.847	2121	2123	2126	rVB2	365	364	0.03%	0.004%
87	15.182	2176	2178	2179	rBV	564	349	0.03%	0.004%
88	15.322	2199	2201	2203	rVB2	558	357	0.03%	0.004%
89	15.371	2207	2209	2210	rBV2	512	486	0.04%	0.005%
90	15.511	2227	2232	2238	rVB	4916	8353	0.70%	0.085%
91	15.694	2260	2262	2264	rBV3	440	485	0.04%	0.005%
92	15.786	2275	2277	2278	rBV	489	358	0.03%	0.004%
93	15.816	2278	2282	2284	rVV3	836	1153	0.10%	0.012%
94	15.908	2295	2297	2299	rBV3	558	572	0.05%	0.006%
95	16.005	2311	2313	2315	rBV	394	327	0.03%	0.003%
96	16.078	2323	2325	2330	rBV4	500	658	0.06%	0.007%
97	16.316	2361	2364	2367	rBV3	533	826	0.07%	0.008%
98	16.450	2384	2386	2387	rBV2	537	382	0.03%	0.004%
99	16.633	2414	2416	2417	rBV2	450	283	0.02%	0.003%
100	16.743	2431	2434	2435	rBV2	555	526	0.04%	0.005%

Sum of corrected areas: 9871119

LSC Report - Integrated Chromatogram

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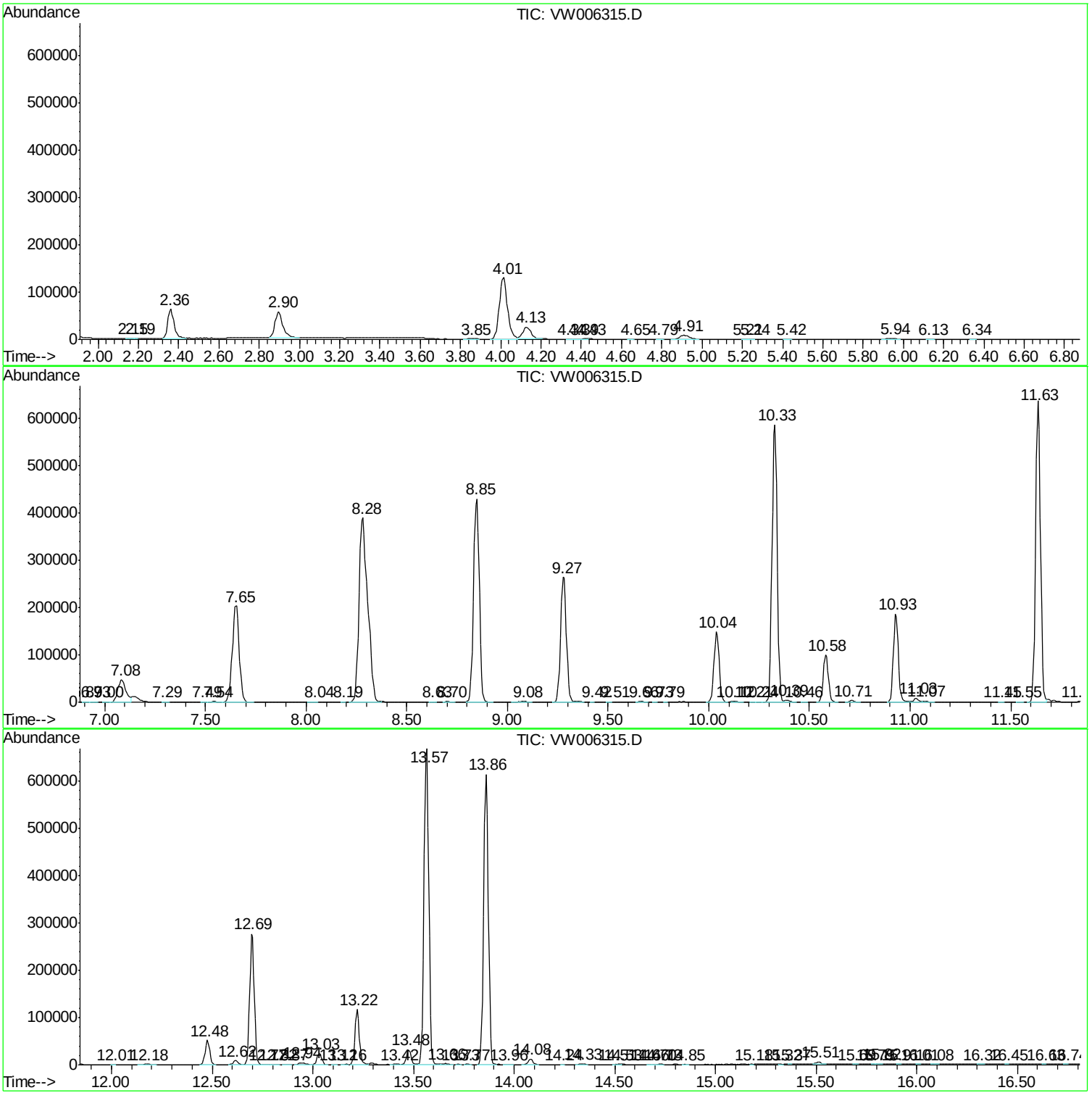
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40E7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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



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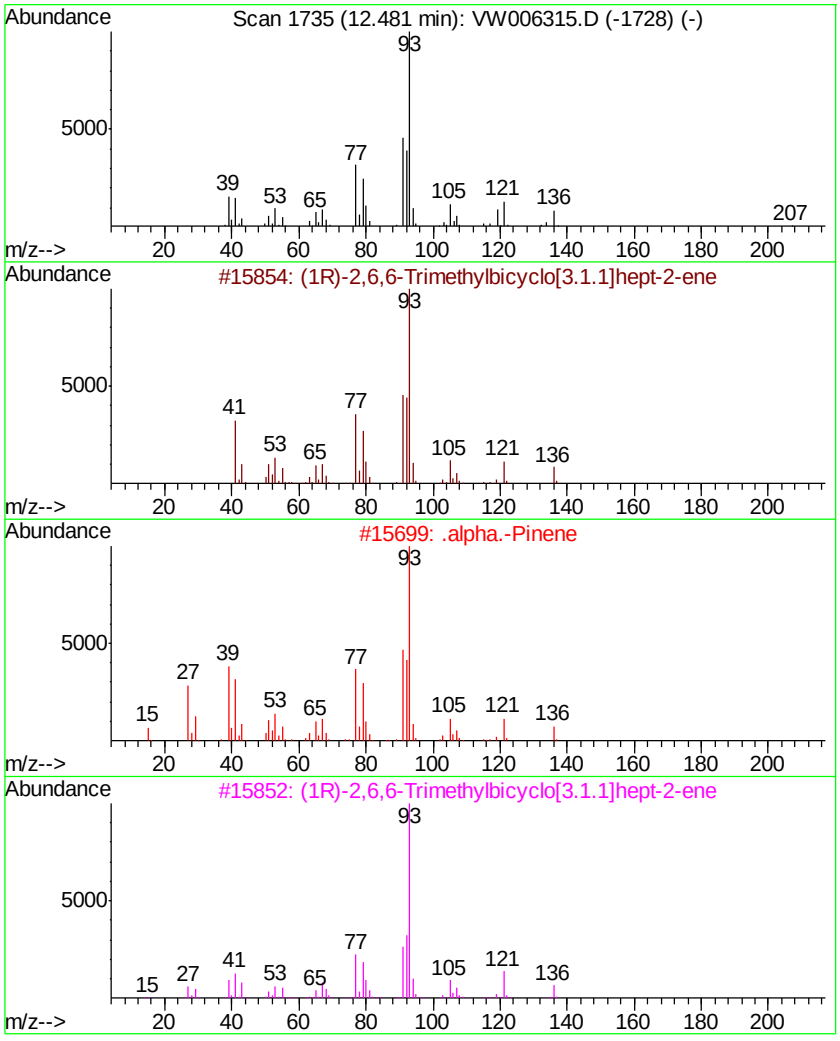
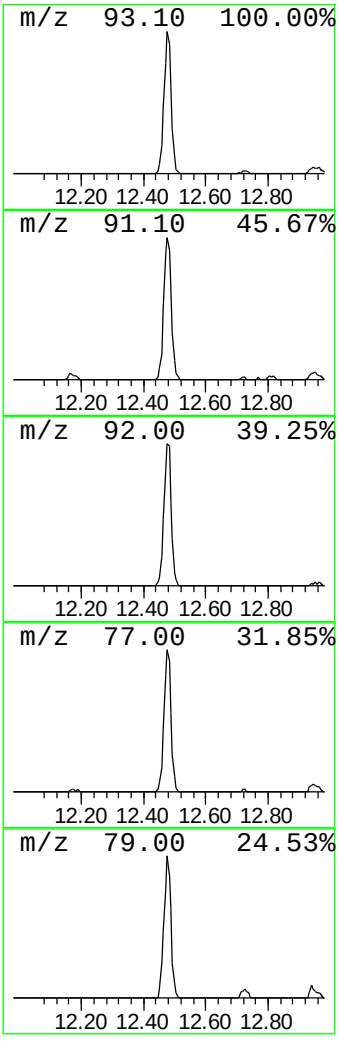
****

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.03 ug/L	86373	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

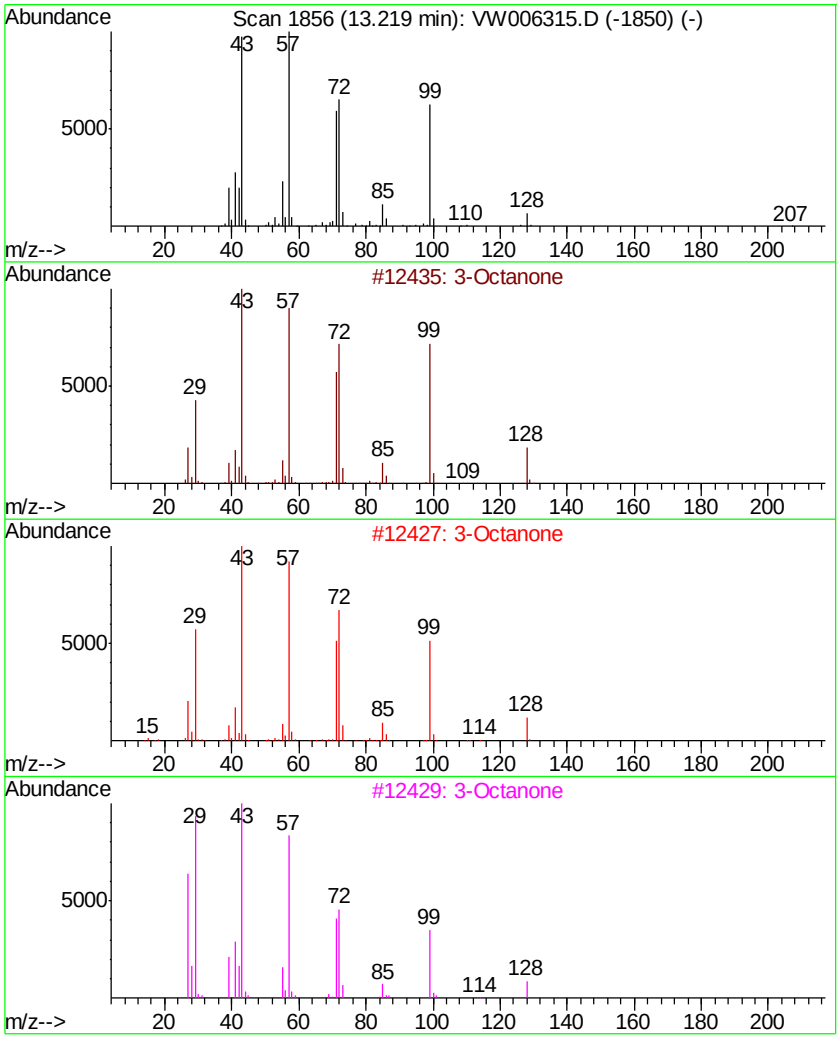
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

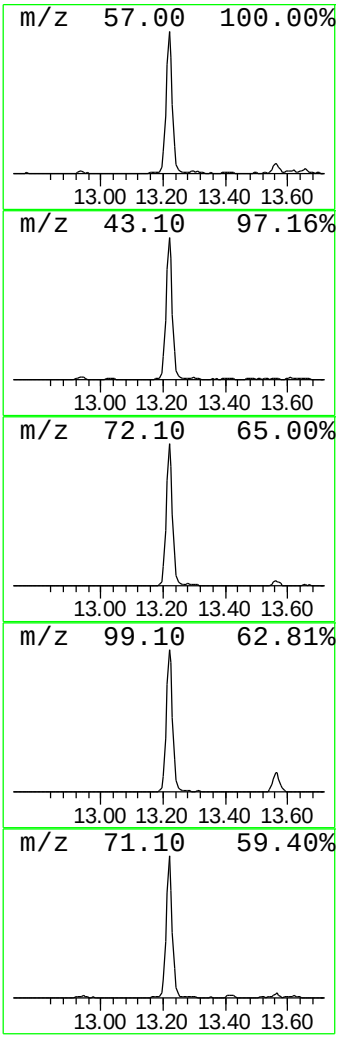
****

Peak Number 3 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	3.92 ug/L	171994	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	95
2	3-Octanone	128	C8H16O	000106-68-3	86
3	3-Octanone	128	C8H16O	000106-68-3	86
4	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	72
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	64





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
(1R)-2,6,6-Trimet...	12.48	2.0	ug/L	86373	2	11.63	1064090	25.0
3-Octanone	13.22	3.9	ug/L	171994	3	13.57	1097470	25.0