LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030419\
Data File : VW008965.D
Acq On : 04 Mar 2019 14:34
Operator : SY/VA
Sample : K1657-06RE
Misc : 6.25G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB650RE

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\SOM2WLM022019S.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	46	rVB3	12990	17278	1.75%	0.248%
2	2.343	68	72	80	rVB	104222	165594	16.76%	2.373%
3	2.879	155	160	171	rVB	98518	191891	19.42%	2.749%
4	3.379	240	242	248	rVB4	2078	2312	0.23%	0.033%
5	3.464	254	256	258	rBV2	1158	1302	0.13%	0.019%
6	3.531	265	267	269	rBV2	1741	2114	0.21%	0.030%
7	3.794	308	310	311	rBV	1360	1025	0.10%	0.015%
8	3.830	314	316	317	rBV2	1333	1218	0.12%	0.017%
9	4.007	335	345	357	rBV2	129890	343735	34.78%	4.925%
10	4.123	358	364	378	rVB2	18923	54957	5.56%	0.787%
11	4.367	402	404	405	rBV2	2151	1727	0.17%	0.025%
12	4.574	436	438	439	rBV2	997	836	0.08%	0.012%
13	4.684	454	456	460	rVB4	1164	1016	0.10%	0.015%
14	4.915	483	494	504	rBV4	27408	88536	8.96%	1.268%
15	5.098	522	524	527	rVB3	1828	1448	0.15%	0.021%
16	5.135	527	530	532	rBV3	991	1462	0.15%	0.021%
17	5.178	536	537	539	rVB2	1506	1094	0.11%	0.016%
18	5.196	539	540	542	rBV2	1352	1227	0.12%	0.018%
19	5.604	605	607	611	rVV3	1336	1602	0.16%	0.023%
20	5.720	625	626	630	rBV2	1060	1230	0.12%	0.018%
21	5.946	652	663	671	rBV3	12270	36741	3.72%	0.526%
22	6.244	710	712	714	rBV3	1831	1751	0.18%	0.025%
23	6.281	716	718	720	rBV	1478	1199	0.12%	0.017%
24	6.354	727	730	732	rBV4	1297	1522	0.15%	0.022%
25	6.403	734	738	739	rVB3	977	1128	0.11%	0.016%
26	6.427	739	742	745	rBV4	1139	1828	0.18%	0.026%
27	6.525	756	758	761	rBV4	1082	1184	0.12%	0.017%
28	6.592	767	769	771	rBV3	1128	908	0.09%	0.013%
29	6.793	801	802	806	rVB3	1144	1202	0.12%	0.017%
30	6.860	810	813	814	rBV3	1178	1093	0.11%	0.016%
31	7.080	840	849	862	rBV	32747	88917	9.00%	1.274%
32	7.287	881	883	885	rBV3	1223	928	0.09%	0.013%
33	7.397	899	901	902	rBV	1305	796	0.08%	0.011%
34	7.439	907	908	910	rBV2	1567	1229	0.12%	0.018%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB650RE

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\SOM2WLM022019S.M
Title : VOC Analysis

35	7.531	920	923	926	rBV4	1976	2926	0.30%	0.042%
36	7.647	933	942	955	rVV	183998	459195	46.47%	6.579%
37	8.006	1000	1001	1003	rBV	1558	1172	0.12%	0.017%
38	8.275	1033	1045	1060	rVV2	330470	988171	100.00%	14.158%
39	8.488	1079	1080	1082	rVB2	1921	986	0.10%	0.014%
40	8.549	1086	1090	1093	rBV4	1273	1769	0.18%	0.025%
41	8.628	1100	1103	1110	rBV6	1557	2750	0.28%	0.039%
42	8.695	1110	1114	1116	rBV3	1066	1497	0.15%	0.021%
43	8.720	1116	1118	1121	rVB	1862	1285	0.13%	0.018%
44	8.744	1121	1122	1128	rVB3	1450	2021	0.20%	0.029%
45	8.842	1128	1138	1151	rBV2	327971	662321	67.02%	9.489%
46	9.146	1185	1188	1193	rVV6	1511	2414	0.24%	0.035%
47	9.274	1200	1209	1218	rBV	239560	474232	47.99%	6.795%
48	9.476	1240	1242	1243	rBV2	1545	901	0.09%	0.013%
49	9.494	1243	1245	1247	rVB2	1203	982	0.10%	0.014%
50	9.518	1247	1249	1253	rBV4	1353	2043	0.21%	0.029%
51	9.634	1266	1268	1270	rBV2	1130	1247	0.13%	0.018%
52	9.713	1276	1281	1286	rBV8	1757	3600	0.36%	0.052%
53	10.036	1323	1334	1344	rBV	105297	189221	19.15%	2.711%
54	10.213	1362	1363	1368	rBV5	2205	2128	0.22%	0.030%
55	10.323	1372	1381	1389	rBV	435168	760430	76.95%	10.895%
56	10.579	1417	1423	1429	rBV	63630	111122	11.25%	1.592%
57	10.731	1439	1448	1461	rVB4	24801	103817	10.51%	1.487%
58	10.927	1474	1480	1491	rVB	93988	176061	17.82%	2.523%
59	11.030	1491	1497	1500	rBV7	4206	8427	0.85%	0.121%
60	11.176	1517	1521	1526	rBV6	1465	3634	0.37%	0.052%
61	11.378	1552	1554	1556	rBV2	823	866	0.09%	0.012%
62	11.512	1573	1576	1579	rVB5	1660	2020	0.20%	0.029%
63	11.548	1579	1582	1584	rBV3	1432	1918	0.19%	0.027%
64	11.634	1588	1596	1607	rBV	392773	668393	67.64%	9.576%
65	11.975	1651	1652	1654	rBV2	1529	841	0.09%	0.012%
66	12.109	1671	1674	1676	rBV2	1381	1502	0.15%	0.022%
67	12.182	1680	1686	1692	rBV7	4385	9958	1.01%	0.143%
68	12.475	1721	1734	1745	rBV2	83351	147996	14.98%	2.120%
69	12.615	1751	1757	1762	rVB2	19143	33212	3.36%	0.476%
70	12.695	1763	1770	1779	rVV	142407	251639	25.47%	3.605%
71	12.932	1805	1809	1810	rBV3	1670	1943	0.20%	0.028%

LSC Area Percent Report

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Misc : 6.25G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB650RE

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\SOM2WLM022019S.M
Title : VOC Analysis

72	13.152	1843	1845	1849	rVB3	1810	1673	0.17%	0.024%
73	13.219	1849	1856	1862	rBV3	13567	21309	2.16%	0.305%
74	13.292	1862	1868	1871	rVV8	1881	3691	0.37%	0.053%
75	13.371	1879	1881	1882	rBV2	1147	1077	0.11%	0.015%
76	13.408	1885	1887	1888	rBV2	999	819	0.08%	0.012%
77	13.481	1893	1899	1905	rVV10	4958	10887	1.10%	0.156%
78	13.560	1905	1912	1922	rVB	251387	409643	41.45%	5.869%
79	13.658	1924	1928	1930	rBV4	2485	2506	0.25%	0.036%
80	13.725	1935	1939	1941	rBV5	1750	2762	0.28%	0.040%
81	13.786	1948	1949	1953	rVB3	1162	1240	0.13%	0.018%
82	13.853	1953	1960	1972	rBV	211060	366275	37.07%	5.248%
83	13.956	1976	1977	1979	rBV2	976	877	0.09%	0.013%
84	14.078	1991	1997	2003	rVB2	7592	13882	1.40%	0.199%
85	14.188	2013	2015	2017	rBV3	1443	1185	0.12%	0.017%
86	14.310	2032	2035	2037	rBV2	1951	1997	0.20%	0.029%
87	14.334	2037	2039	2041	rBV3	1108	942	0.10%	0.013%
88	14.566	2076	2077	2081	rBV3	1385	1364	0.14%	0.020%
89	14.633	2085	2088	2089	rBV3	1607	1634	0.17%	0.023%
90	14.700	2097	2099	2100	rBV2	1460	1155	0.12%	0.017%
91	15.029	2150	2153	2155	rVB3	1497	1519	0.15%	0.022%
92	15.072	2158	2160	2167	rVB7	2647	4616	0.47%	0.066%
93	15.188	2177	2179	2181	rBV3	1121	857	0.09%	0.012%
94	15.273	2191	2193	2195	rVB2	2076	1425	0.14%	0.020%
95	15.316	2195	2200	2205	rBV7	4258	9567	0.97%	0.137%
96	15.499	2227	2230	2232	rBV2	2391	3012	0.30%	0.043%
97	15.755	2271	2272	2274	rVB2	1702	869	0.09%	0.012%
98	15.785	2274	2277	2280	rBV4	1963	2607	0.26%	0.037%
99	15.859	2287	2289	2291	rBV3	1466	1330	0.13%	0.019%
100	16.206	2344	2346	2349	rBV4	1816	2198	0.22%	0.031%

Sum of corrected areas: 6979588

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030419\
Data File : VW008965.D
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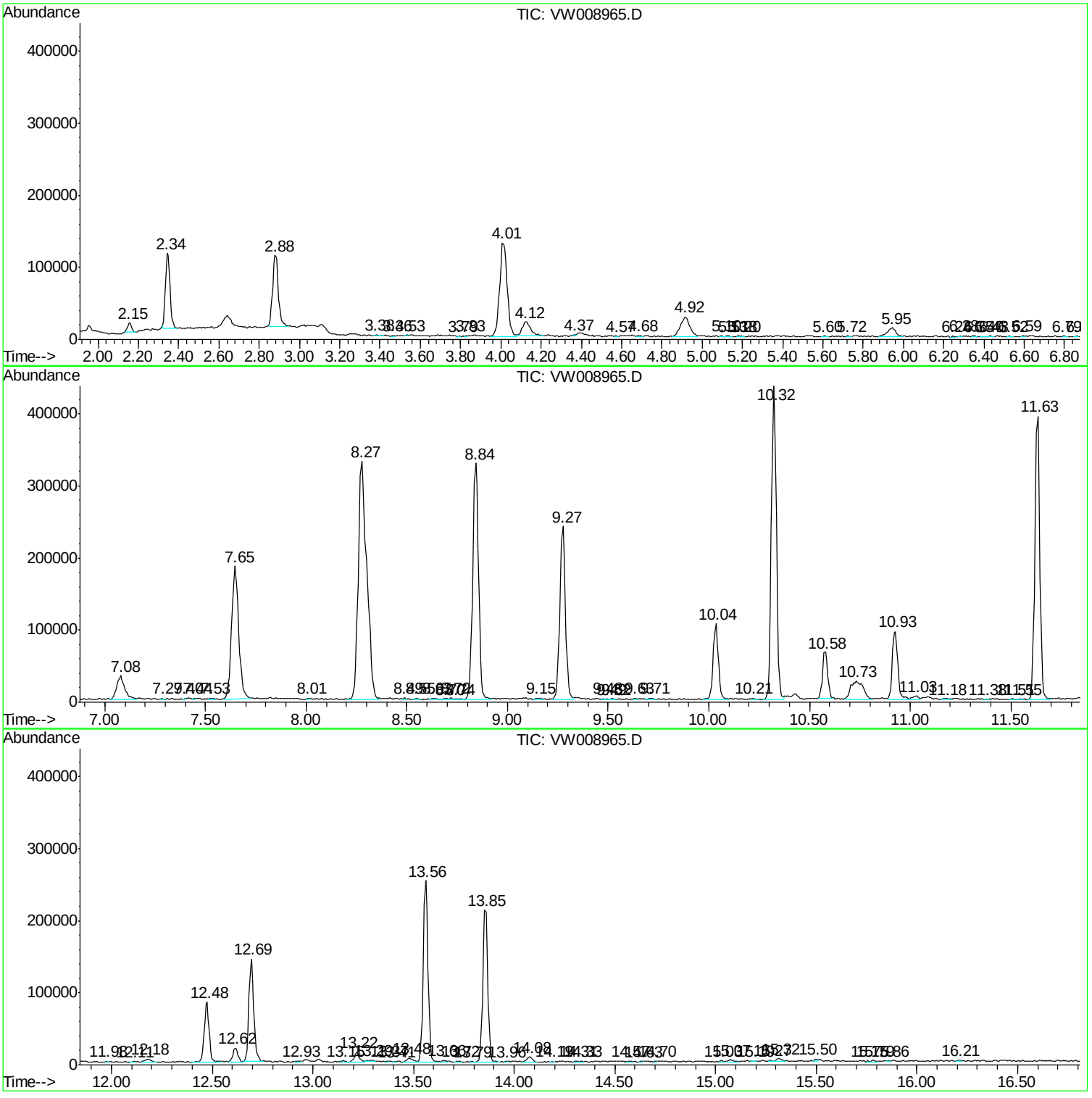
Operator : SY/VA
Sample : K1657-06RE
Misc : 6.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB650RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

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



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ClientSampleId : DB650RE

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Quant Title : VOC Analysis

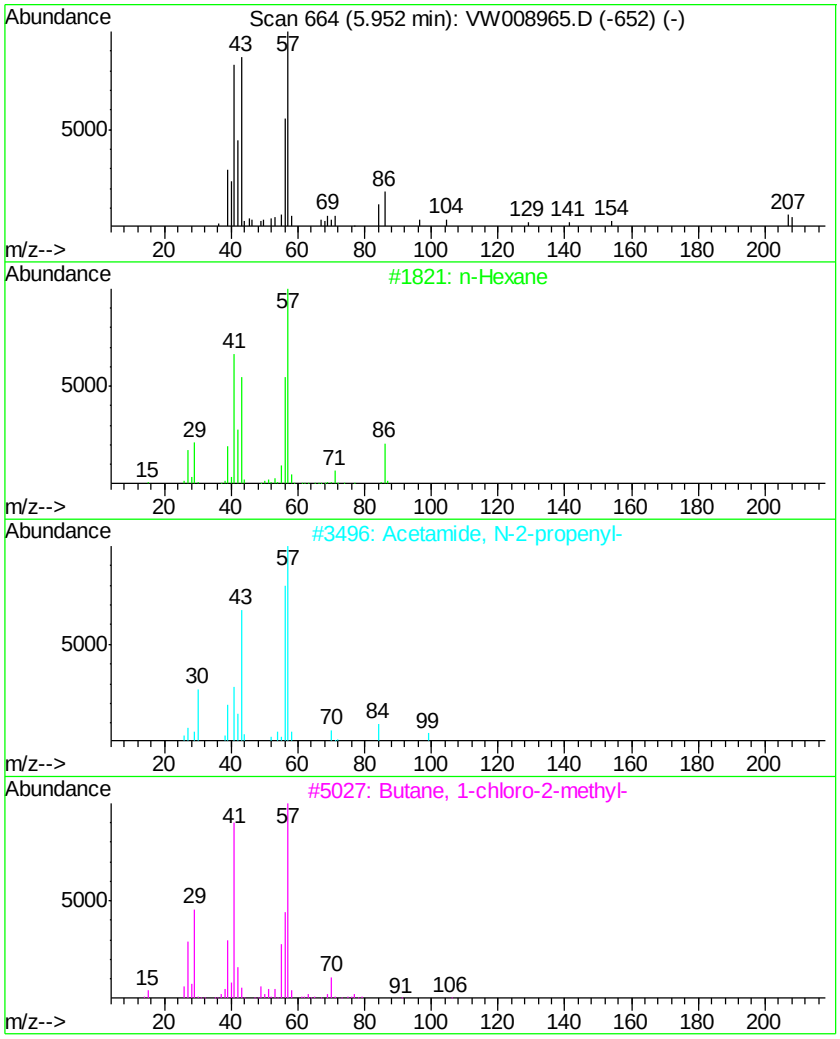
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

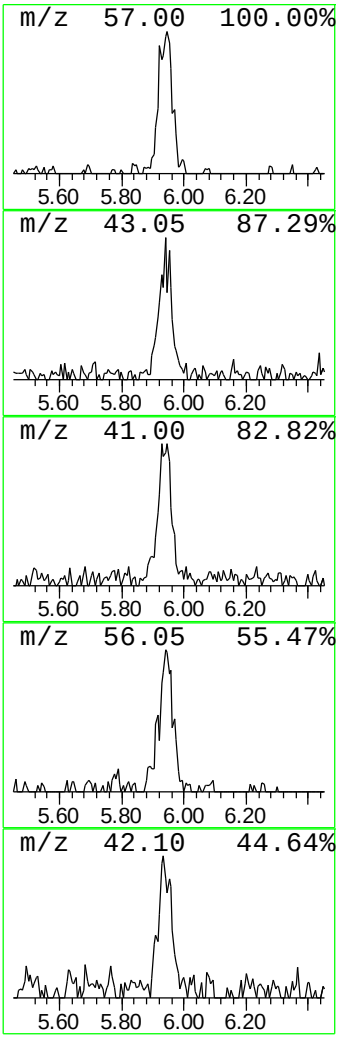
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	1.39 ug/L	36741	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	64
2	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	47
3	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	43
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38
5	n-Hexane	86	C6H14	000110-54-3	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030419\
Data File : VW008965.D
Acq On : 04 Mar 2019 14:34
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ClientSampleId : DB650RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

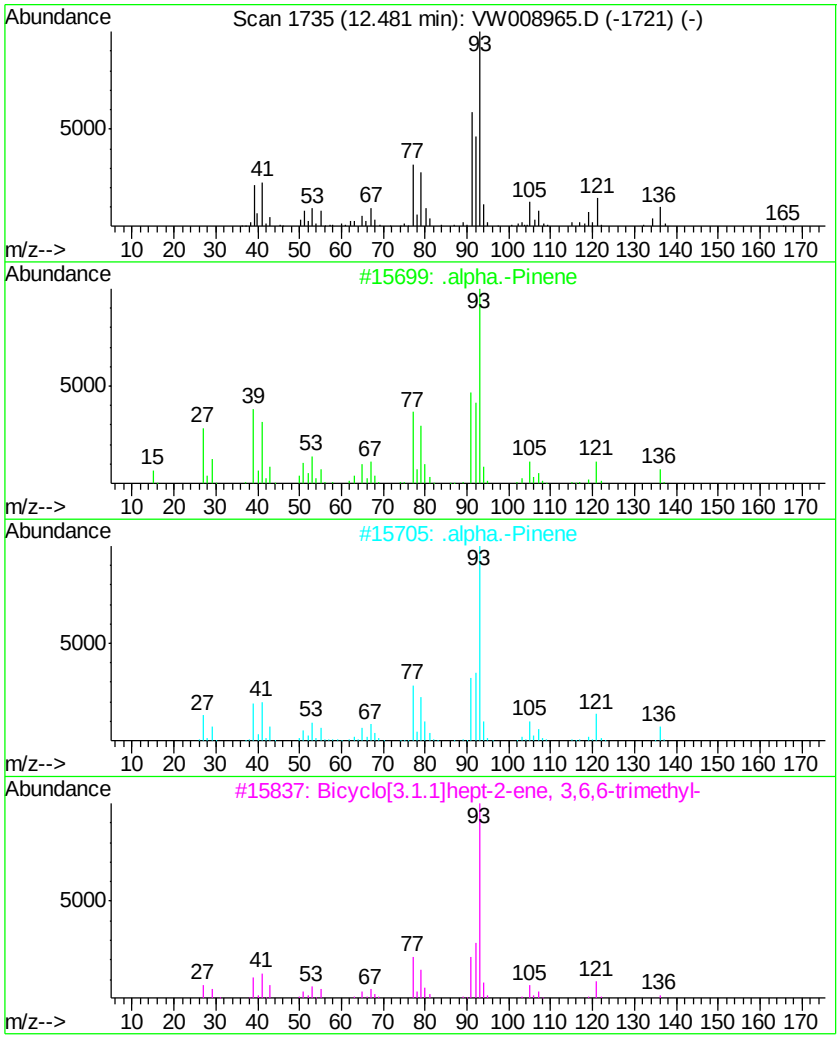
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

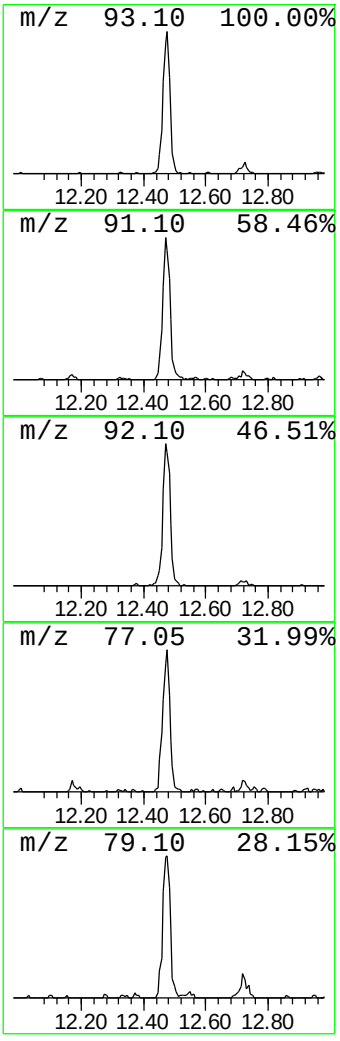
****

Peak Number 4 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	5.54 ug/L	147996	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91





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Quant Title : VOC Analysis

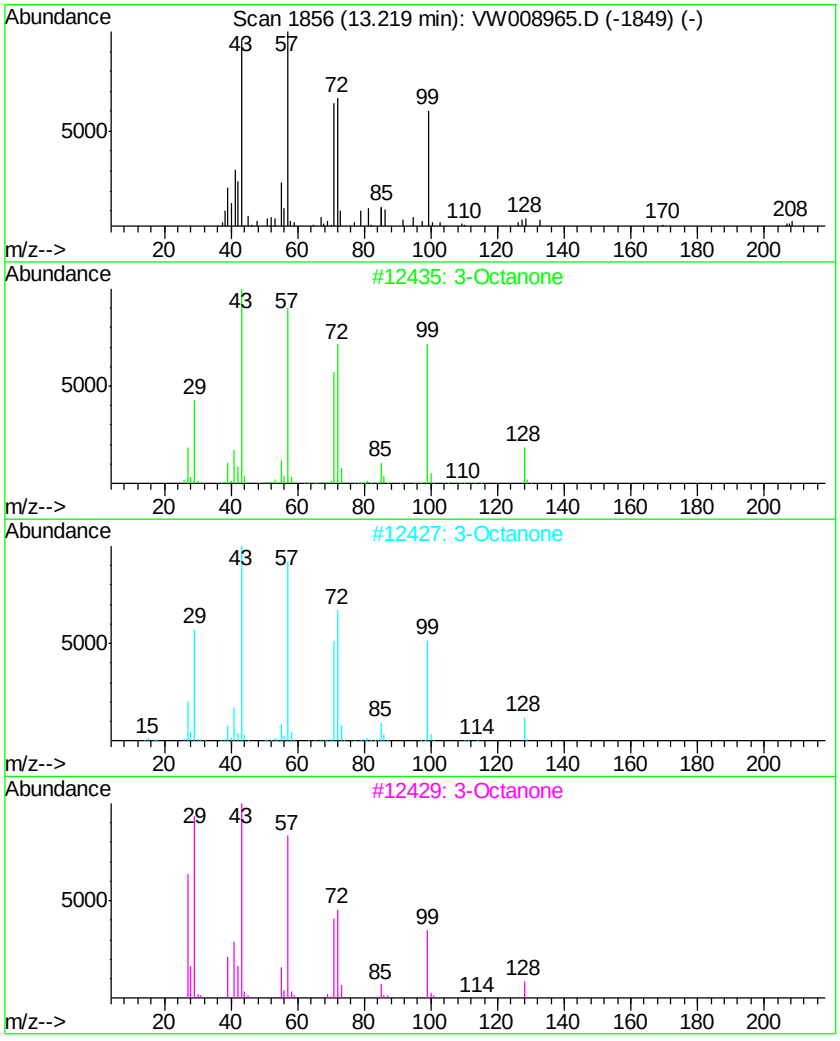
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

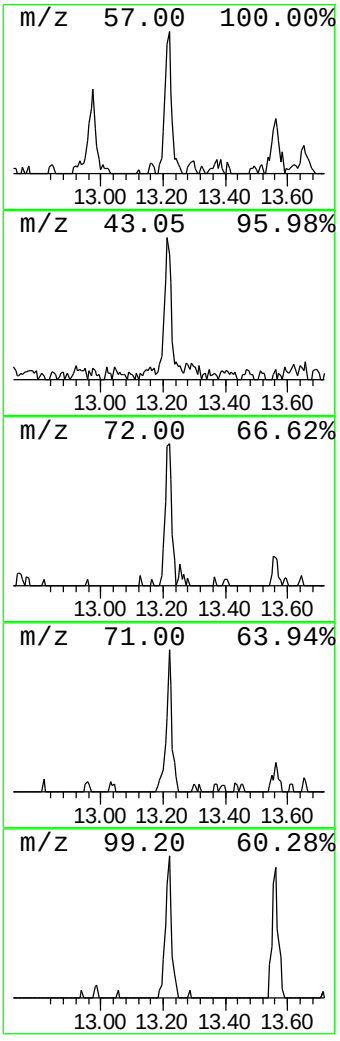
****

Peak Number 6 3-Octanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	1.30 ug/L	21309	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	68
2	3-Octanone	128	C8H16O	000106-68-3	64
3	3-Octanone	128	C8H16O	000106-68-3	64
4	3-Methyl-4-nonanone	156	C10H20O	035778-39-3	53
5	3-Octanone	128	C8H16O	000106-68-3	52





Tentatively Identified Compound (LSC) summary

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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
(DEL) Alkane: Str...	5.95	1.4	ug/L	36741	1	8.84	662321	25.0
.alpha.-Pinene	12.48	5.5	ug/L	147996	2	11.63	668393	25.0
3-Octanone	13.22	1.3	ug/L	21309	3	13.56	409643	25.0