LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
Data File : VW013745.D
Acq On : 25 Oct 2019 13:55
Operator : SY/VA
Sample : K5549-02
Misc : 2.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ55

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\SOM2WLM101819S.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	68	74	87	rVB	109516	196028	13.16%	1.749%
2	2.891	155	162	174	rVB	76082	170548	11.45%	1.522%
3	3.324	232	233	236	rVB2	387	213	0.01%	0.002%
4	3.385	238	243	249	rBV4	976	2447	0.16%	0.022%
5	3.568	271	273	275	rBV	580	388	0.03%	0.003%
6	3.690	291	293	296	rVB2	331	347	0.02%	0.003%
7	3.721	296	298	299	rBV	266	201	0.01%	0.002%
8	3.745	299	302	304	rVB2	356	327	0.02%	0.003%
9	3.836	315	317	319	rBV	316	332	0.02%	0.003%
10	4.025	335	348	360	rBV	171938	530526	35.62%	4.735%
11	4.409	410	411	414	rBV2	345	377	0.03%	0.003%
12	4.513	426	428	430	rVB	272	209	0.01%	0.002%
13	4.665	450	453	454	rBV2	1137	1073	0.07%	0.010%
14	4.787	469	473	474	rBV	208	295	0.02%	0.003%
15	4.922	483	495	508	rBV3	7565	28272	1.90%	0.252%
16	5.117	526	527	531	rBV	355	501	0.03%	0.004%
17	5.190	537	539	542	rBV	289	343	0.02%	0.003%
18	5.409	574	575	578	rBV2	373	365	0.02%	0.003%
19	5.604	605	607	610	rVB2	382	331	0.02%	0.003%
20	5.641	610	613	614	rBV2	257	227	0.02%	0.002%
21	5.696	619	622	623	rBV3	284	282	0.02%	0.003%
22	5.738	627	629	630	rBV2	352	240	0.02%	0.002%
23	5.775	633	635	637	rBV2	805	537	0.04%	0.005%
24	5.940	655	662	669	rBV5	1909	5387	0.36%	0.048%
25	6.092	682	687	690	rBV2	350	589	0.04%	0.005%
26	6.464	746	748	750	rVB	301	189	0.01%	0.002%
27	6.543	758	761	762	rBV2	378	366	0.02%	0.003%
28	6.994	832	835	837	rBV3	378	391	0.03%	0.003%
29	7.080	839	849	858	rBV	44386	129319	8.68%	1.154%
30	7.250	869	877	890	rVB	81131	200390	13.45%	1.788%
31	7.531	921	923	926	rVB2	317	247	0.02%	0.002%
32	7.647	931	942	953	rVV	234847	588112	39.49%	5.248%
33	7.939	989	990	993	rBV2	586	656	0.04%	0.006%
34	8.055	1006	1009	1011	rBV	363	401	0.03%	0.004%

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Misc : 2.23G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ55

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\SOM2WLM101819S.M
Title : VOC Analysis

35	8.116	1017	1019	1021	rBV	357	194	0.01%	0.002%
36	8.275	1033	1045	1063	rBV2	511774	1489421	100.00%	13.292%
37	8.506	1081	1083	1085	rBV	246	198	0.01%	0.002%
38	8.677	1108	1111	1114	rBV3	501	849	0.06%	0.008%
39	8.768	1123	1126	1128	rBV2	242	253	0.02%	0.002%
40	8.842	1128	1138	1151	rVV	432294	855672	57.45%	7.636%
41	8.945	1154	1155	1160	rVB3	577	693	0.05%	0.006%
42	9.061	1164	1174	1175	rBV3	1151	1954	0.13%	0.017%
43	9.274	1201	1209	1218	rBV	337450	670556	45.02%	5.984%
44	9.427	1231	1234	1236	rBV2	396	485	0.03%	0.004%
45	9.537	1249	1252	1254	rBV2	302	349	0.02%	0.003%
46	9.604	1260	1263	1266	rBV2	286	458	0.03%	0.004%
47	9.762	1286	1289	1290	rBV2	333	360	0.02%	0.003%
48	9.829	1298	1300	1303	rVB2	244	253	0.02%	0.002%
49	9.896	1308	1311	1313	rBV	402	381	0.03%	0.003%
50	9.933	1316	1317	1320	rVB2	367	282	0.02%	0.003%
51	10.036	1326	1334	1344	rBV	185683	342974	23.03%	3.061%
52	10.152	1351	1353	1359	rVB3	1833	2558	0.17%	0.023%
53	10.201	1359	1361	1362	rVB	411	202	0.01%	0.002%
54	10.219	1362	1364	1365	rBV2	376	268	0.02%	0.002%
55	10.323	1373	1381	1388	rBV	745472	1319045	88.56%	11.771%
56	10.384	1388	1391	1401	rVB	31947	57181	3.84%	0.510%
57	10.506	1408	1411	1413	rBV2	755	812	0.05%	0.007%
58	10.579	1416	1423	1432	rVV	126025	214465	14.40%	1.914%
59	10.707	1437	1444	1450	rVB2	21463	38696	2.60%	0.345%
60	10.853	1464	1468	1471	rBV3	339	707	0.05%	0.006%
61	10.878	1471	1472	1473	rBV	584	403	0.03%	0.004%
62	10.920	1473	1479	1486	rBV	186217	320596	21.52%	2.861%
63	11.256	1531	1534	1535	rBV2	328	305	0.02%	0.003%
64	11.390	1554	1556	1558	rBV3	433	381	0.03%	0.003%
65	11.628	1588	1595	1606	rBV	623728	1067029	71.64%	9.522%
66	11.835	1625	1629	1636	rVB7	3679	6476	0.43%	0.058%
67	12.012	1656	1658	1659	rBV2	702	608	0.04%	0.005%
68	12.097	1671	1672	1676	rVB3	692	563	0.04%	0.005%
69	12.158	1679	1682	1689	rBV3	1829	3193	0.21%	0.028%
70	12.237	1689	1695	1702	rVV	41769	65533	4.40%	0.585%
71	12.304	1704	1706	1708	rVB2	482	377	0.03%	0.003%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ55

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\SOM2WLM101819S.M
Title : VOC Analysis

72	12.347	1710	1713	1714	rBV3	441	366	0.02%	0.003%
73	12.463	1730	1732	1734	rVV3	802	726	0.05%	0.006%
74	12.506	1737	1739	1740	rVB	388	216	0.01%	0.002%
75	12.609	1749	1756	1762	rBV	40201	68933	4.63%	0.615%
76	12.695	1763	1770	1778	rVB	265214	444093	29.82%	3.963%
77	12.865	1793	1798	1800	rBV2	776	1092	0.07%	0.010%
78	12.932	1805	1809	1812	rVV4	1312	2501	0.17%	0.022%
79	12.969	1812	1815	1822	rVB3	1599	2565	0.17%	0.023%
80	13.018	1822	1823	1826	rVB	260	238	0.02%	0.002%
81	13.048	1826	1828	1829	rBV	361	255	0.02%	0.002%
82	13.164	1844	1847	1849	rBV2	407	492	0.03%	0.004%
83	13.243	1854	1860	1868	rBV6	1523	4485	0.30%	0.040%
84	13.396	1883	1885	1893	rVB4	873	1074	0.07%	0.010%
85	13.463	1893	1896	1897	rBV2	1274	1281	0.09%	0.011%
86	13.560	1904	1912	1921	rBV	752235	1224889	82.24%	10.931%
87	13.646	1922	1926	1932	rVV2	13582	22244	1.49%	0.199%
88	13.707	1935	1936	1940	rVB4	820	548	0.04%	0.005%
89	13.743	1940	1942	1943	rBV2	662	539	0.04%	0.005%
90	13.780	1946	1948	1951	rBV3	576	555	0.04%	0.005%
91	13.853	1953	1960	1969	rVB	665741	1080517	72.55%	9.643%
92	13.993	1981	1983	1985	rBV2	366	266	0.02%	0.002%
93	14.072	1990	1996	2002	rVV	9189	15959	1.07%	0.142%
94	14.139	2005	2007	2010	rBV3	576	499	0.03%	0.004%
95	14.170	2010	2012	2014	rBV	277	243	0.02%	0.002%
96	14.328	2035	2038	2042	rVB2	2730	2883	0.19%	0.026%
97	14.615	2084	2085	2086	rBV	605	337	0.02%	0.003%
98	14.749	2106	2107	2110	rBV3	626	566	0.04%	0.005%
99	15.176	2175	2177	2180	rBV2	787	557	0.04%	0.005%
100	15.548	2236	2238	2242	rBV3	1161	1353	0.09%	0.012%

Sum of corrected areas: 11205458

LSC Report - Integrated Chromatogram

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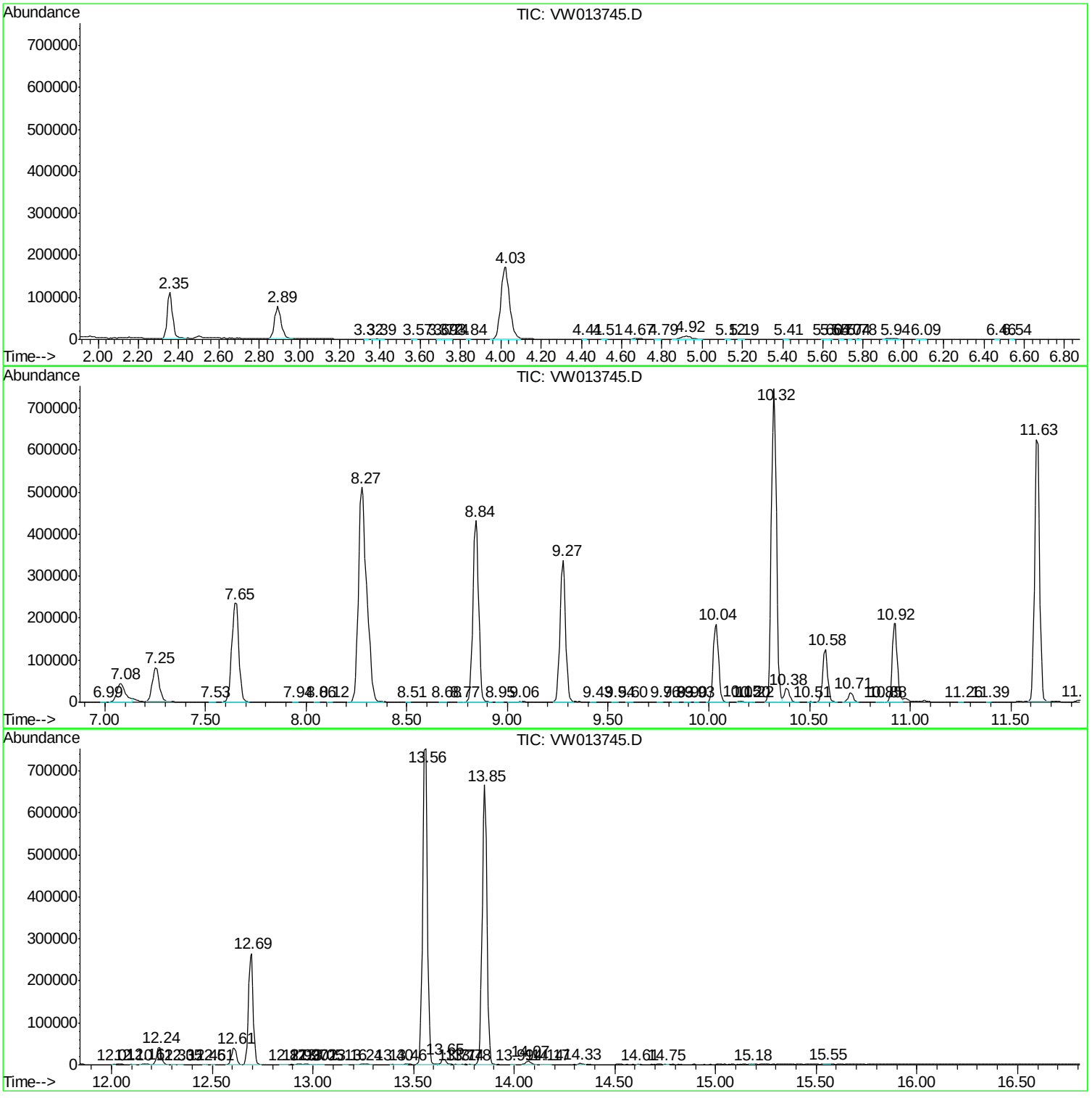
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ55

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102519\
Data File : VW013745.D
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Operator : SY/VA
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Quant Title : VOC Analysis

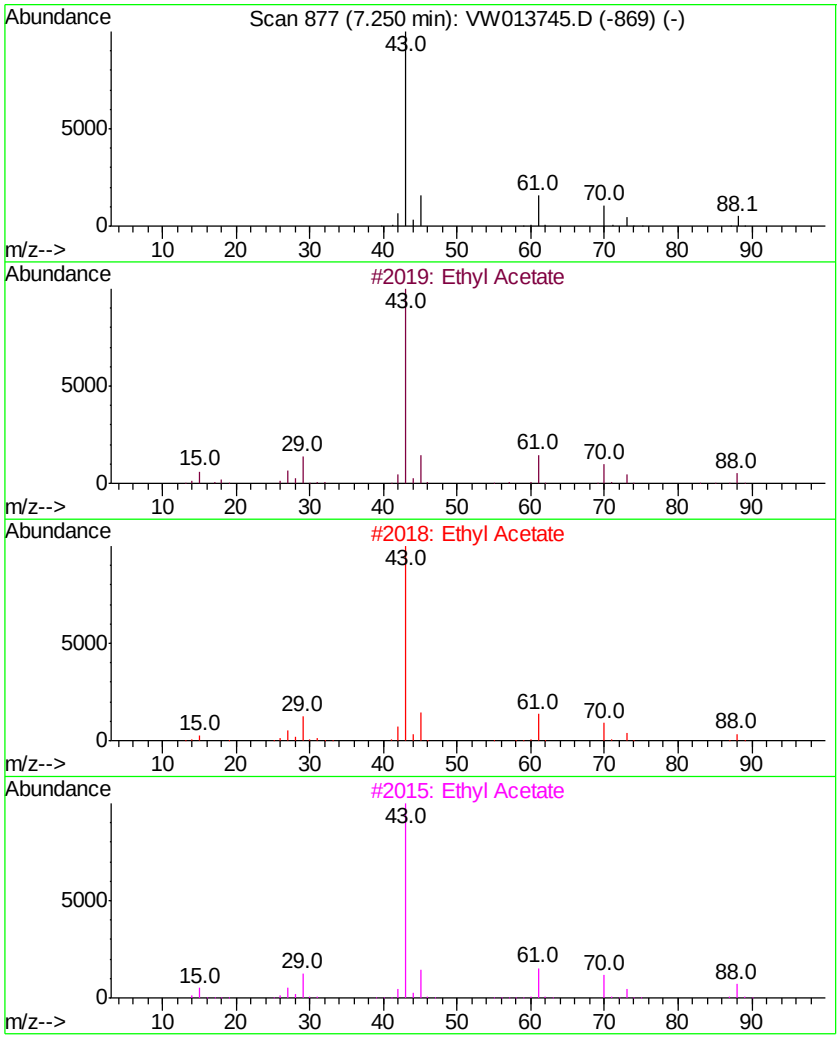
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

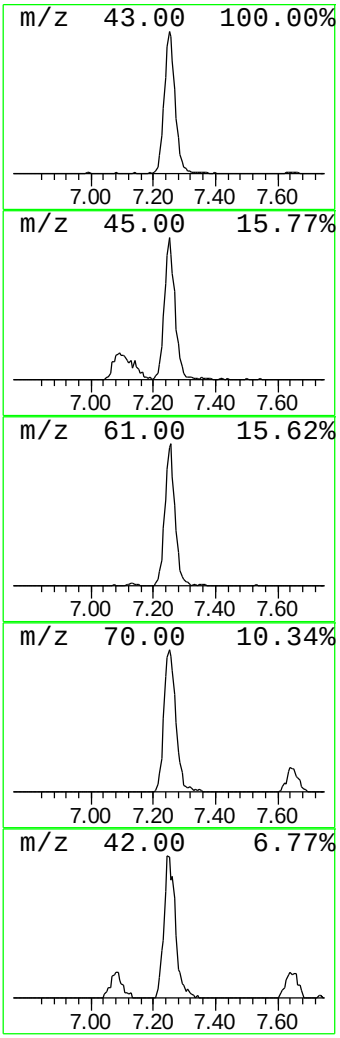
****

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	5.85 ug/L	200390	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

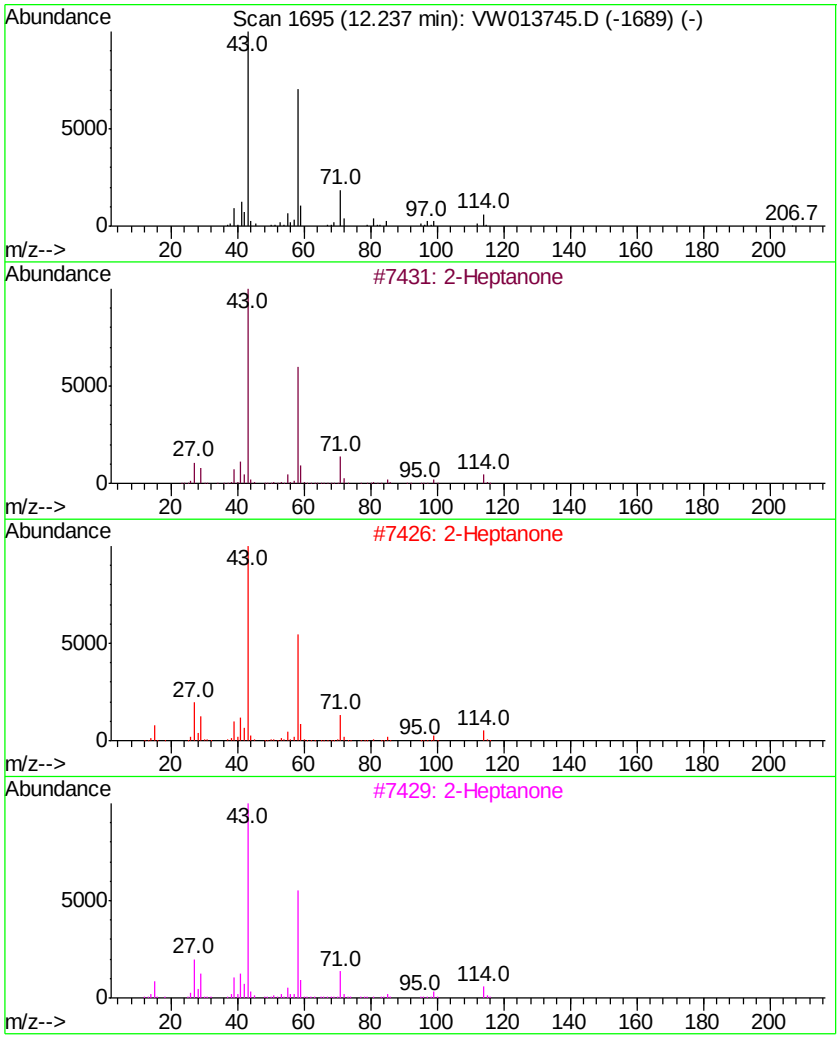
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

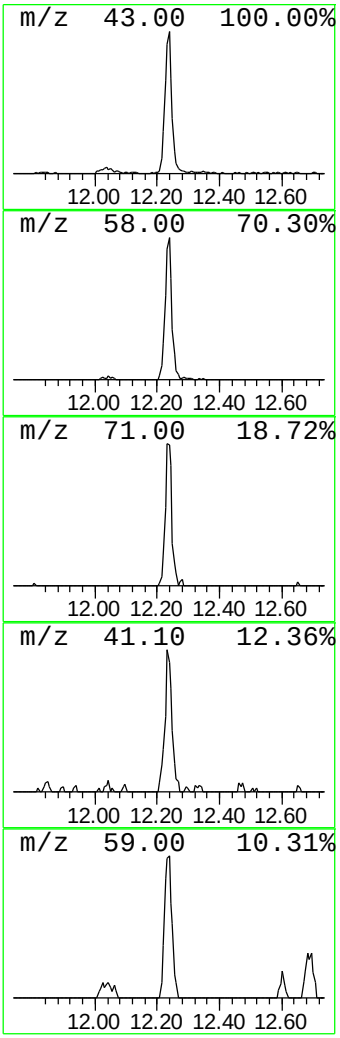
****

Peak Number 3 2-Heptanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	1.54 ug/L	65533	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	90
2	2-Heptanone	114	C7H14O	000110-43-0	90
3	2-Heptanone	114	C7H14O	000110-43-0	86
4	2-Heptanone	114	C7H14O	000110-43-0	72
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	72





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
Ethyl Acetate	7.25	5.8	ug/L	200390	1	8.84	855672	25.0
2-Heptanone	12.24	1.5	ug/L	65533	2	11.63	1067030	25.0