LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
Data File : VW013749.D
Acq On : 25 Oct 2019 15:40
Operator : SY/VA
Sample : K5549-05
Misc : 2.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ58

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	85	rVB	119537	216586	13.04%	1.739%
2	2.891	154	162	176	rVB	84370	198233	11.94%	1.592%
3	3.282	224	226	230	rVB2	369	405	0.02%	0.003%
4	3.324	230	233	235	rVB3	414	484	0.03%	0.004%
5	3.349	235	237	239	rBV	320	300	0.02%	0.002%
6	3.373	239	241	242	rBV2	533	515	0.03%	0.004%
7	3.586	273	276	277	rBV	765	841	0.05%	0.007%
8	3.836	316	317	320	rBV2	297	278	0.02%	0.002%
9	4.019	334	347	362	rBV	188445	589273	35.49%	4.732%
10	4.275	387	389	392	rVV3	218	291	0.02%	0.002%
11	4.403	408	410	411	rBV	599	597	0.04%	0.005%
12	4.428	411	414	415	rBV3	697	757	0.05%	0.006%
13	4.666	446	453	454	rBV	4224	5920	0.36%	0.048%
14	4.818	475	478	481	rBV	226	324	0.02%	0.003%
15	4.915	484	494	508	rVB4	6947	24599	1.48%	0.198%
16	5.135	528	530	531	rVB	438	279	0.02%	0.002%
17	5.312	558	559	564	rVB2	346	331	0.02%	0.003%
18	5.586	602	604	606	rVB	388	268	0.02%	0.002%
19	5.623	606	610	612	rBV2	296	440	0.03%	0.004%
20	5.775	632	635	638	rBV3	603	960	0.06%	0.008%
21	5.903	653	656	657	rVV3	362	331	0.02%	0.003%
22	5.946	657	663	668	rVB4	1504	3568	0.21%	0.029%
23	6.104	688	689	692	rBV	435	379	0.02%	0.003%
24	6.305	721	722	726	rVB	349	271	0.02%	0.002%
25	6.537	757	760	763	rBV	281	301	0.02%	0.002%
26	6.805	801	804	806	rVB	367	307	0.02%	0.002%
27	6.885	816	817	818	rBV	579	365	0.02%	0.003%
28	6.994	834	835	838	rVB2	556	428	0.03%	0.003%
29	7.080	840	849	868	rVV2	52613	168815	10.17%	1.356%
30	7.250	869	877	889	rVV	81231	198707	11.97%	1.596%
31	7.494	910	917	921	rBV3	375	717	0.04%	0.006%
32	7.647	931	942	952	rBV	272451	655687	39.49%	5.266%
33	7.939	987	990	997	rVB2	773	1535	0.09%	0.012%
34	8.128	1018	1021	1022	rBV	266	319	0.02%	0.003%

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Sample : K5549-05
Misc : 2.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ58

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

35	8.275	1035	1045	1062	rBV2	570360	1660559	100.00%	13.336%
36	8.616	1099	1101	1103	rBV2	385	273	0.02%	0.002%
37	8.640	1103	1105	1107	rVB2	355	290	0.02%	0.002%
38	8.701	1109	1115	1119	rBV4	419	791	0.05%	0.006%
39	8.842	1129	1138	1152	rVV	448002	876763	52.80%	7.041%
40	9.049	1163	1172	1183	rBV6	5026	16079	0.97%	0.129%
41	9.274	1197	1209	1219	rBV	371861	758104	45.65%	6.088%
42	9.652	1266	1271	1278	rVB5	1189	2316	0.14%	0.019%
43	9.829	1298	1300	1303	rVB2	331	399	0.02%	0.003%
44	9.927	1313	1316	1319	rBV2	193	331	0.02%	0.003%
45	10.037	1324	1334	1343	rBV	206325	385278	23.20%	3.094%
46	10.207	1358	1362	1366	rBV3	780	1106	0.07%	0.009%
47	10.323	1373	1381	1388	rBV	841112	1466085	88.29%	11.774%
48	10.384	1388	1391	1399	rVV	38001	65672	3.95%	0.527%
49	10.488	1406	1408	1409	rBV	430	267	0.02%	0.002%
50	10.579	1415	1423	1431	rBV	142058	250190	15.07%	2.009%
51	10.701	1437	1443	1451	rVB	22964	42201	2.54%	0.339%
52	10.860	1466	1469	1470	rBV	461	442	0.03%	0.004%
53	10.927	1471	1480	1486	rBV	224549	389568	23.46%	3.129%
54	11.183	1519	1522	1525	rVB2	505	533	0.03%	0.004%
55	11.207	1525	1526	1529	rBV	364	271	0.02%	0.002%
56	11.274	1535	1537	1538	rBV	387	377	0.02%	0.003%
57	11.323	1544	1545	1553	rBV3	466	610	0.04%	0.005%
58	11.463	1566	1568	1570	rVB	366	291	0.02%	0.002%
59	11.536	1574	1580	1582	rVV4	492	739	0.04%	0.006%
60	11.628	1588	1595	1605	rBV	657144	1109252	66.80%	8.908%
61	11.786	1619	1621	1623	rBV2	566	405	0.02%	0.003%
62	11.841	1623	1630	1637	rBV2	2823	6806	0.41%	0.055%
63	11.926	1642	1644	1647	rBV2	552	846	0.05%	0.007%
64	12.048	1662	1664	1668	rVB3	460	411	0.02%	0.003%
65	12.103	1670	1673	1676	rVB3	737	828	0.05%	0.007%
66	12.164	1678	1683	1687	rBV3	1131	2221	0.13%	0.018%
67	12.237	1688	1695	1705	rVB	92318	144987	8.73%	1.164%
68	12.475	1731	1734	1738	rVB3	687	719	0.04%	0.006%
69	12.506	1738	1739	1743	rBV3	525	513	0.03%	0.004%
70	12.609	1747	1756	1763	rBV	82990	136041	8.19%	1.093%
71	12.695	1763	1770	1779	rVB	306912	519699	31.30%	4.174%

LSC Area Percent Report

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Operator : SY/VA
Sample : K5549-05
Misc : 2.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ58

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

72	12.810	1788	1789	1791	rBV	335	294	0.02%	0.002%
73	12.871	1796	1799	1800	rBV2	505	604	0.04%	0.005%
74	12.926	1806	1808	1811	rBV3	1443	1692	0.10%	0.014%
75	12.969	1811	1815	1823	rVB2	2976	5481	0.33%	0.044%
76	13.024	1823	1824	1826	rBV2	410	278	0.02%	0.002%
77	13.249	1855	1861	1864	rBV7	1550	2954	0.18%	0.024%
78	13.335	1873	1875	1877	rBV	545	349	0.02%	0.003%
79	13.377	1880	1882	1883	rVV	879	578	0.03%	0.005%
80	13.402	1883	1886	1890	rVV3	1046	1840	0.11%	0.015%
81	13.469	1894	1897	1901	rVV4	1184	1914	0.12%	0.015%
82	13.554	1904	1911	1919	rVV	759500	1245753	75.02%	10.005%
83	13.652	1921	1927	1934	rVB2	21423	37176	2.24%	0.299%
84	13.749	1941	1943	1945	rBV3	637	742	0.04%	0.006%
85	13.853	1952	1960	1969	rBV	724830	1190397	71.69%	9.560%
86	14.072	1990	1996	2004	rVB3	14930	24831	1.50%	0.199%
87	14.182	2013	2014	2018	rBV3	467	397	0.02%	0.003%
88	14.328	2033	2038	2043	rBV4	3952	6329	0.38%	0.051%
89	14.414	2049	2052	2057	rBV3	571	916	0.06%	0.007%
90	14.456	2057	2059	2062	rVB2	447	483	0.03%	0.004%
91	14.524	2062	2070	2076	rBV3	2685	5257	0.32%	0.042%
92	14.761	2107	2109	2110	rBV	624	430	0.03%	0.003%
93	15.121	2166	2168	2173	rBV3	663	761	0.05%	0.006%
94	15.164	2173	2175	2176	rVV	797	379	0.02%	0.003%
95	15.328	2201	2202	2204	rBV	791	496	0.03%	0.004%
96	15.359	2205	2207	2208	rBV	757	491	0.03%	0.004%
97	15.438	2218	2220	2221	rVB	900	434	0.03%	0.003%
98	15.493	2224	2229	2236	rVB5	1511	3646	0.22%	0.029%
99	15.731	2266	2268	2269	rVB	727	320	0.02%	0.003%
100	16.298	2359	2361	2364	rBV4	840	936	0.06%	0.008%

Sum of corrected areas: 12451832

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102519\
Data File : VW013749.D
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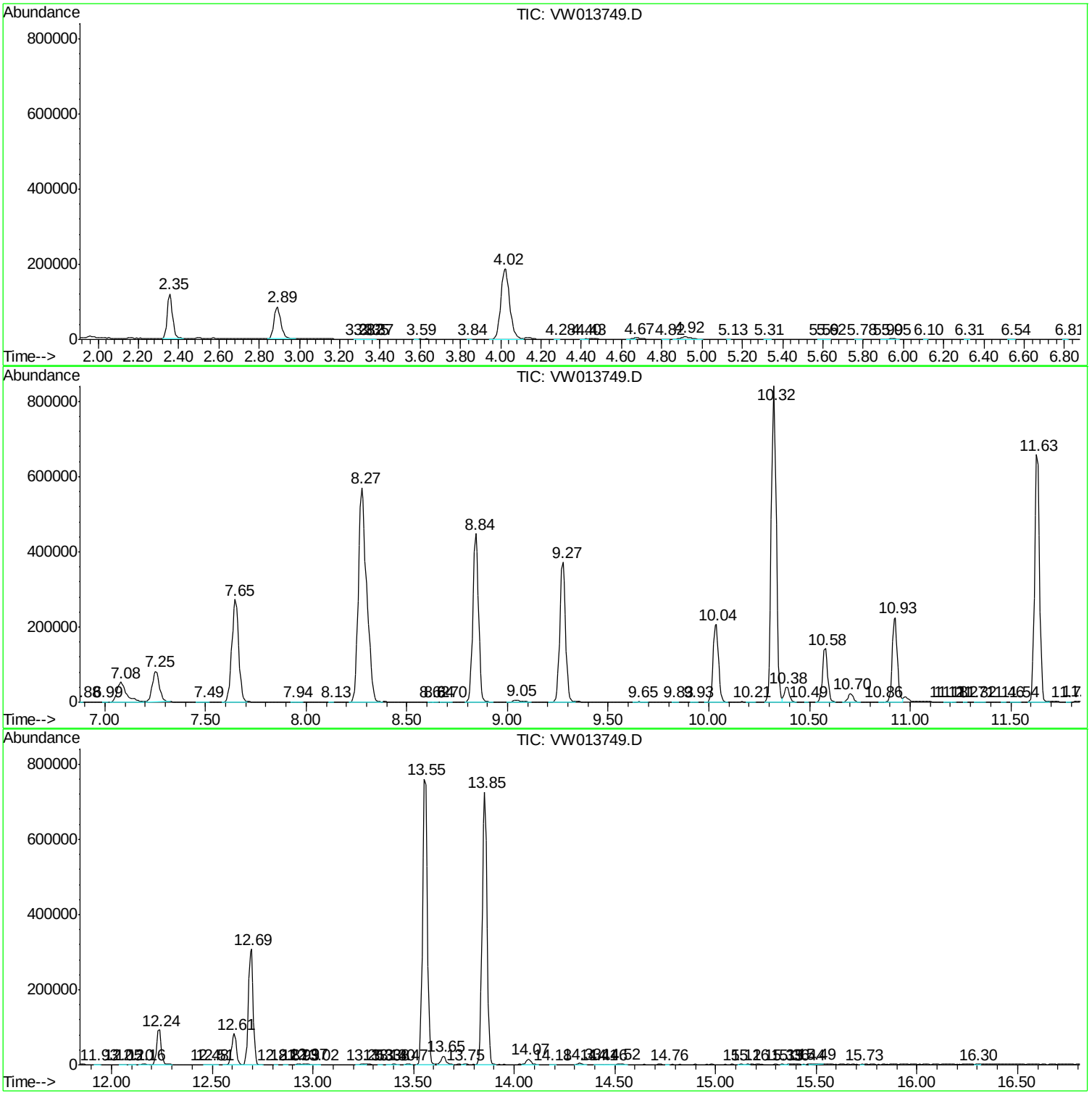
Operator : SY/VA
Sample : K5549-05
Misc : 2.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ58

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 : VW013749.D
Acq On : 25 Oct 2019 15:40
Operator : SY/VA
Sample : K5549-05
Misc : 2.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ58

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

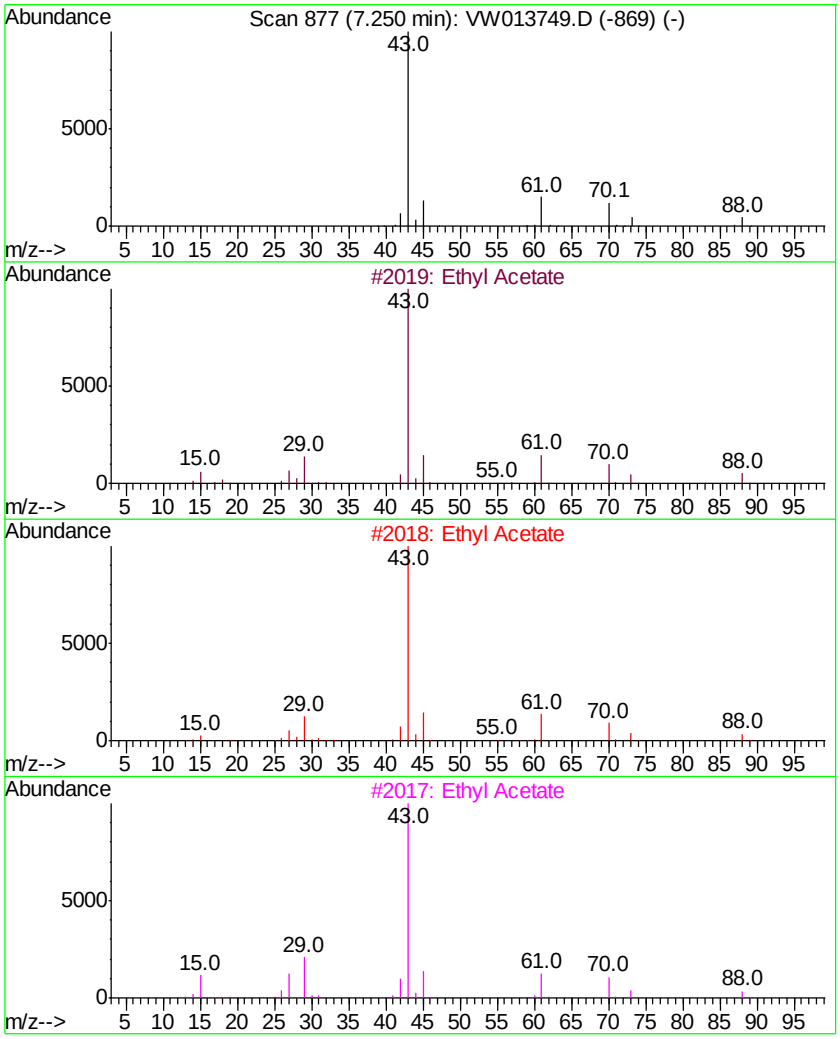
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

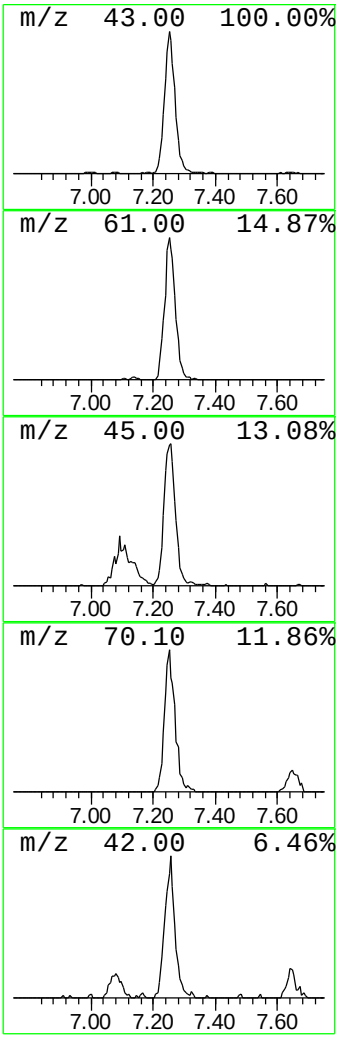
****

Peak Number 1 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	5.67 ug/L	198707	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	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





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Instrument : MSVOA_W
ClientSampleId : GAQ58

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

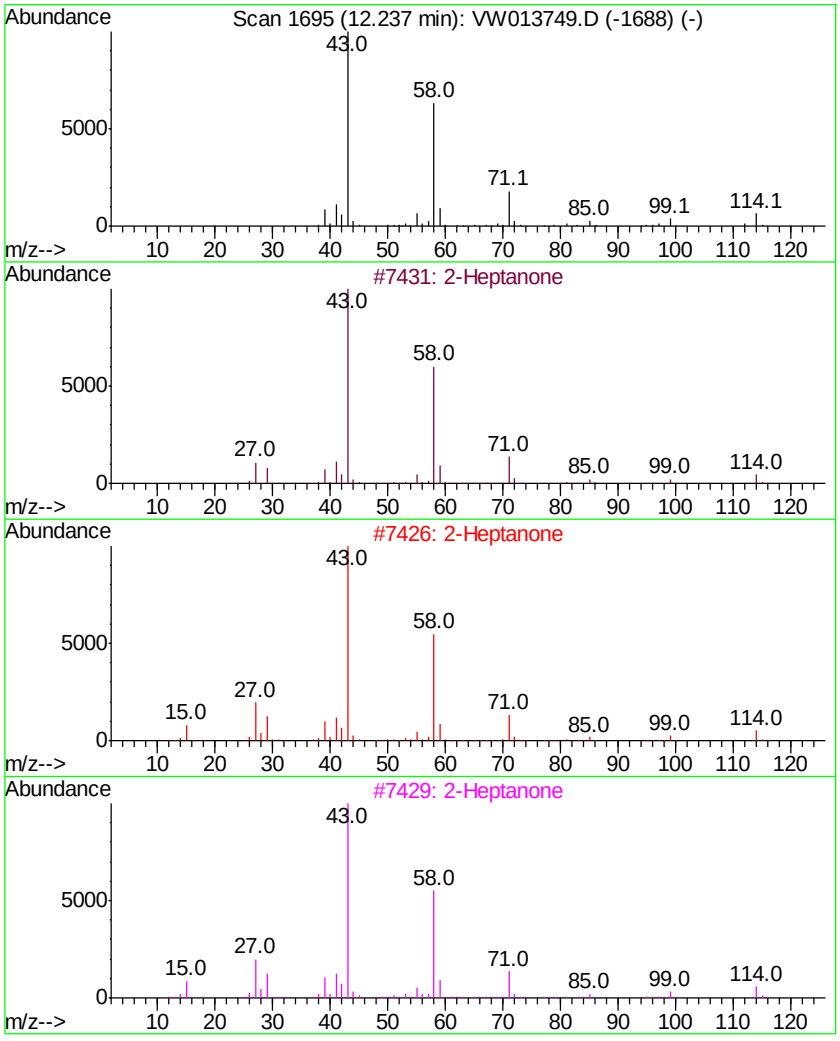
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

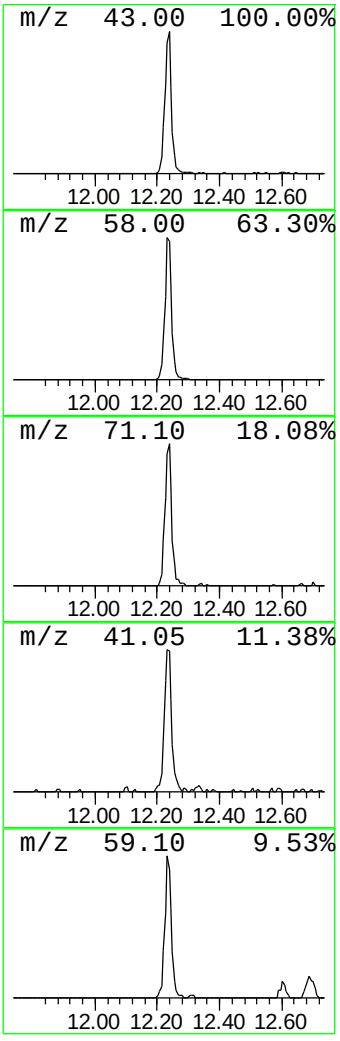
****

Peak Number 3 2-Heptanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	3.27 ug/L	144987	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Heptanone	114	C7H14O	000110-43-0	91
3	2-Heptanone	114	C7H14O	000110-43-0	90
4	2-Heptanone	114	C7H14O	000110-43-0	83
5	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	64





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
Ethyl Acetate	7.25	5.7	ug/L	198707	1	8.84	876763	25.0
2-Heptanone	12.24	3.3	ug/L	144987	2	11.63	1109250	25.0