LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007336.D
Acq On : 08 Dec 2018 05:36
Operator : SY/AP
Sample : J6270-05
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E04

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\SOM2WLM120718S.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	69	74	83	rVB	9364	17874	8.90%	1.363%
2	2.898	157	163	172	rVB	6500	14060	7.00%	1.072%
3	3.270	221	224	227	rBV2	232	298	0.15%	0.023%
4	3.526	257	266	277	rBV	10602	26561	13.23%	2.026%
5	3.849	315	319	321	rBV	188	244	0.12%	0.019%
6	3.910	327	329	331	rBV	159	169	0.08%	0.013%
7	4.007	335	345	355	rBV	25657	66820	33.27%	5.096%
8	4.123	357	364	369	rBV2	1947	5185	2.58%	0.395%
9	4.379	400	406	407	rBV2	485	644	0.32%	0.049%
10	4.513	426	428	432	rBB2	151	208	0.10%	0.016%
11	4.623	443	446	449	rBV2	222	274	0.14%	0.021%
12	4.678	449	455	459	rBV	383	594	0.30%	0.045%
13	4.769	467	470	471	rBV	146	188	0.09%	0.014%
14	4.897	486	491	492	rBV2	1365	1822	0.91%	0.139%
15	5.684	618	620	622	rBV2	140	179	0.09%	0.014%
16	5.928	657	660	662	rBV2	439	606	0.30%	0.046%
17	6.098	686	688	692	rVB	211	278	0.14%	0.021%
18	6.141	692	695	696	rBV	172	201	0.10%	0.015%
19	6.245	711	712	716	rVV2	135	151	0.08%	0.012%
20	6.635	775	776	779	rBV2	306	235	0.12%	0.018%
21	6.866	810	814	817	rBV	195	311	0.15%	0.024%
22	6.940	822	826	827	rBV	136	147	0.07%	0.011%
23	7.080	840	849	854	rBV	5497	16015	7.98%	1.221%
24	7.269	878	880	881	rBV2	194	182	0.09%	0.014%
25	7.488	911	916	917	rBV3	257	350	0.17%	0.027%
26	7.653	933	943	953	rBV2	33395	81393	40.53%	6.208%
27	8.043	1004	1007	1009	rBV	154	199	0.10%	0.015%
28	8.086	1009	1014	1020	rBV2	104	207	0.10%	0.016%
29	8.275	1035	1045	1060	rBV2	64847	200814	100.00%	15.316%
30	8.677	1108	1111	1113	rBB	144	151	0.08%	0.012%
31	8.842	1128	1138	1148	rBV	59144	116397	57.96%	8.877%
32	9.031	1162	1169	1175	rBV5	784	1589	0.79%	0.121%
33	9.201	1193	1197	1199	rBV	171	219	0.11%	0.017%
34	9.275	1202	1209	1220	rBV	45997	90864	45.25%	6.930%

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Sample : J6270-05
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E04

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\SOM2WLM120718S.M
Title : VOC Analysis

35	9.793	1292	1294	1296	rBV	171	153	0.08%	0.012%
36	9.890	1304	1310	1314	rBV3	817	1180	0.59%	0.090%
37	10.037	1327	1334	1341	rVB2	20572	35147	17.50%	2.681%
38	10.110	1343	1346	1349	rBV2	119	174	0.09%	0.013%
39	10.219	1359	1364	1366	rBV2	345	588	0.29%	0.045%
40	10.244	1366	1368	1371	rVB	321	303	0.15%	0.023%
41	10.323	1373	1381	1390	rBV	88575	155585	77.48%	11.866%
42	10.579	1417	1423	1429	rVB	14028	23512	11.71%	1.793%
43	10.707	1436	1444	1450	rBV2	4008	7084	3.53%	0.540%
44	10.890	1472	1474	1475	rBV	266	286	0.14%	0.022%
45	10.927	1475	1480	1491	rVB	21814	40003	19.92%	3.051%
46	11.067	1496	1503	1514	rBV	6032	11695	5.82%	0.892%
47	11.183	1521	1522	1525	rVB	323	199	0.10%	0.015%
48	11.262	1533	1535	1536	rBV	253	177	0.09%	0.013%
49	11.433	1561	1563	1570	rVB2	958	1553	0.77%	0.118%
50	11.634	1589	1596	1604	rVV	69301	118205	58.86%	9.015%
51	11.786	1617	1621	1622	rBV	155	209	0.10%	0.016%
52	11.933	1644	1645	1648	rVB	236	164	0.08%	0.013%
53	12.073	1666	1668	1673	rBB	184	265	0.13%	0.020%
54	12.195	1685	1688	1689	rBV	150	156	0.08%	0.012%
55	12.268	1698	1700	1703	rBV	124	187	0.09%	0.014%
56	12.292	1703	1704	1707	rVV2	138	149	0.07%	0.011%
57	12.475	1730	1734	1737	rVB	406	452	0.23%	0.034%
58	12.542	1742	1745	1749	rBB	160	211	0.11%	0.016%
59	12.615	1749	1757	1762	rBV2	4391	7139	3.56%	0.544%
60	12.695	1764	1770	1780	rVB	37017	60807	30.28%	4.638%
61	12.804	1785	1788	1791	rVB	166	226	0.11%	0.017%
62	12.939	1806	1810	1815	rVV3	2708	4153	2.07%	0.317%
63	12.981	1815	1817	1821	rVB3	131	172	0.09%	0.013%
64	13.109	1836	1838	1841	rBV2	156	208	0.10%	0.016%
65	13.219	1850	1856	1861	rVV	5160	7796	3.88%	0.595%
66	13.298	1864	1869	1876	rVB4	1461	2653	1.32%	0.202%
67	13.414	1885	1888	1891	rBV	433	528	0.26%	0.040%
68	13.560	1905	1912	1919	rBV	52352	85333	42.49%	6.508%
69	13.646	1925	1926	1929	rVB3	291	234	0.12%	0.018%
70	13.707	1934	1936	1938	rBV2	177	217	0.11%	0.017%
71	13.774	1943	1947	1949	rBV2	139	189	0.09%	0.014%

LSC Area Percent Report

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Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E04

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\SOM2WLM120718S.M
Title : VOC Analysis

72	13.859	1954	1961	1967	rBV	53211	86060	42.86%	6.564%
73	13.975	1977	1980	1983	rVB	167	230	0.11%	0.018%
74	14.018	1984	1987	1989	rBB2	158	170	0.08%	0.013%
75	14.079	1990	1997	2002	rBV2	1942	3189	1.59%	0.243%
76	14.335	2034	2039	2040	rBV	895	1157	0.58%	0.088%
77	14.426	2051	2054	2057	rBB	236	264	0.13%	0.020%
78	14.450	2057	2058	2061	rBV	191	228	0.11%	0.017%
79	14.578	2077	2079	2082	rBV	163	191	0.10%	0.015%
80	14.725	2101	2103	2104	rBV	260	204	0.10%	0.016%
81	14.889	2127	2130	2133	rBV2	141	171	0.09%	0.013%
82	14.993	2144	2147	2148	rBV	148	166	0.08%	0.013%
83	15.109	2163	2166	2168	rBV3	155	169	0.08%	0.013%
84	15.164	2172	2175	2179	rBV2	397	624	0.31%	0.048%
85	15.383	2206	2211	2214	rVB2	392	707	0.35%	0.054%
86	15.444	2216	2221	2226	rBV3	1032	1947	0.97%	0.148%
87	15.536	2235	2236	2239	rBV2	220	210	0.10%	0.016%
88	15.633	2249	2252	2254	rVV2	206	186	0.09%	0.014%
89	15.670	2256	2258	2260	rVB2	213	159	0.08%	0.012%
90	15.725	2266	2267	2270	rVB	236	240	0.12%	0.018%
91	15.761	2270	2273	2274	rBV	329	328	0.16%	0.025%
92	15.816	2280	2282	2284	rVB2	222	192	0.10%	0.015%
93	15.859	2287	2289	2291	rBV2	204	194	0.10%	0.015%
94	15.975	2305	2308	2310	rBV2	150	148	0.07%	0.011%
95	16.109	2328	2330	2333	rBV	203	252	0.13%	0.019%
96	16.200	2342	2345	2346	rBV	157	160	0.08%	0.012%
97	16.395	2374	2377	2380	rBV2	185	216	0.11%	0.016%
98	16.493	2391	2393	2396	rBV2	165	210	0.10%	0.016%
99	16.535	2398	2400	2403	rBV2	265	278	0.14%	0.021%
100	16.749	2433	2435	2437	rBV2	198	178	0.09%	0.014%

Sum of corrected areas: 1311149

LSC Report - Integrated Chromatogram

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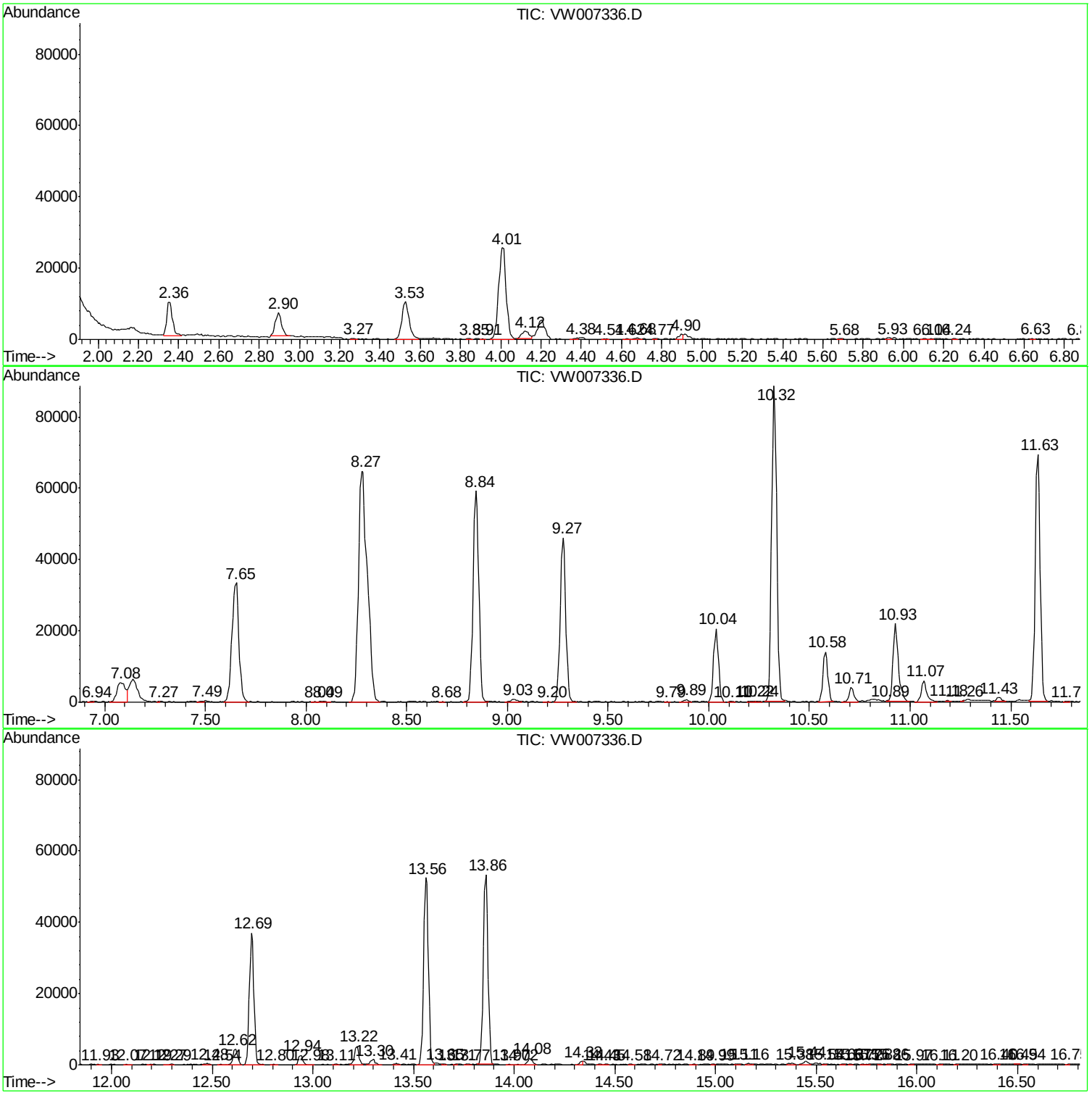
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.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\VW120718\
Data File : VW007336.D
Acq On : 08 Dec 2018 05:36
Operator : SY/AP
Sample : J6270-05
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

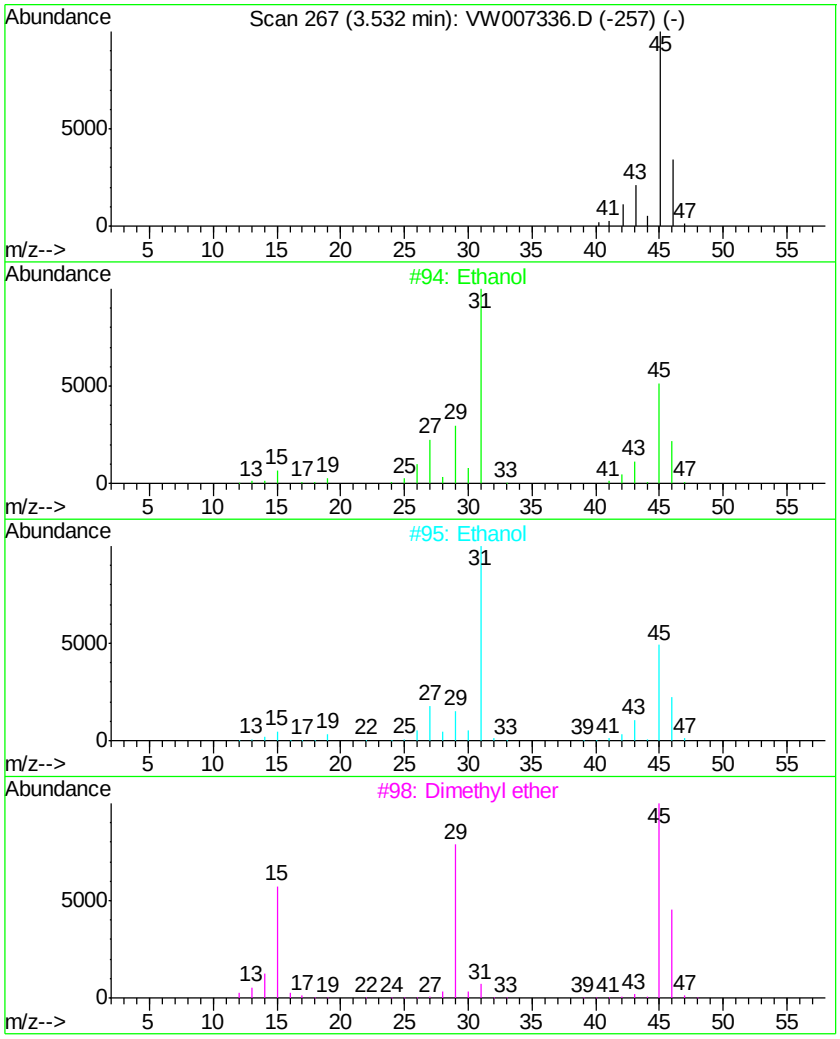
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

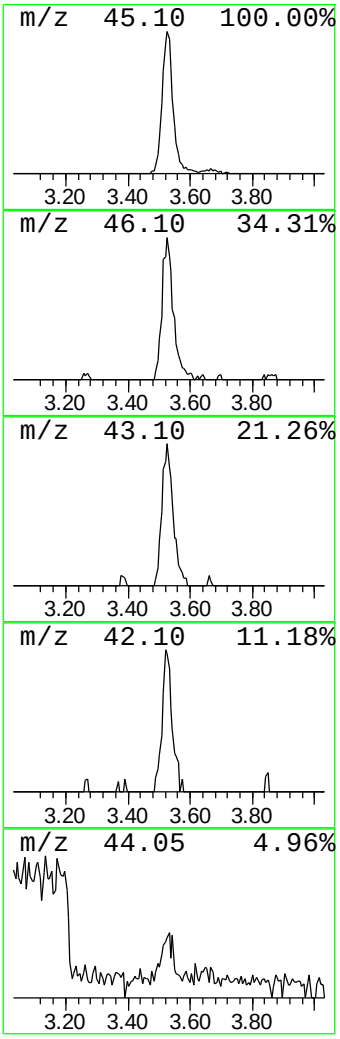
****

Peak Number 1 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	5.70 ug/L	26561	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Ethanol	46	C2H6O	000064-17-5	64
3	Dimethyl ether	46	C2H6O	000115-10-6	9
4	Ethanol	46	C2H6O	000064-17-5	7
5	Dimethyl ether	46	C2H6O	000115-10-6	4





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

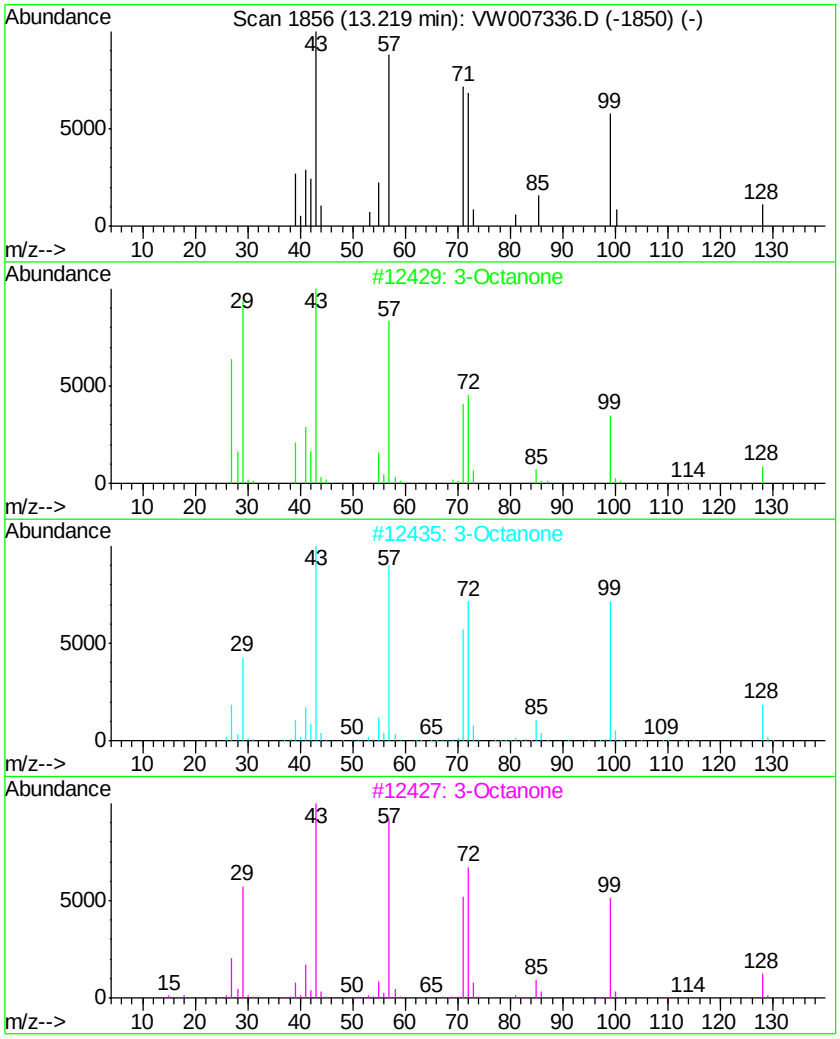
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

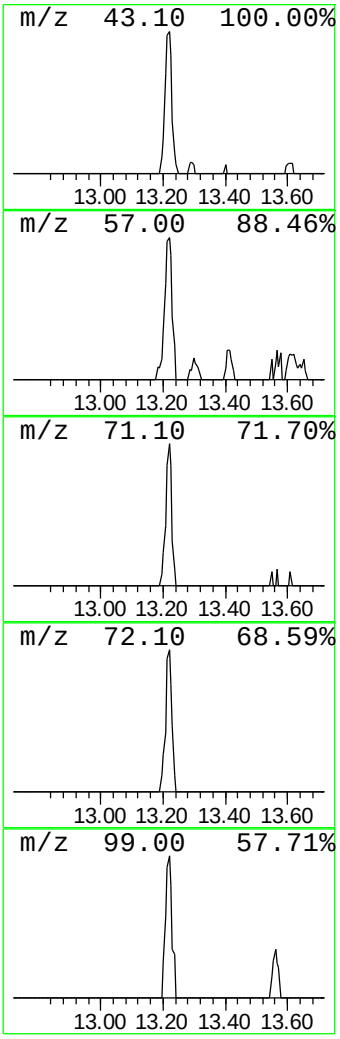
****

Peak Number 6 3-Octanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.28 ug/L	7796	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	80
2	3-Octanone	128	C8H16O	000106-68-3	80
3	3-Octanone	128	C8H16O	000106-68-3	80
4	3-Octanone	128	C8H16O	000106-68-3	53
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	50





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
Ethanol	3.53	5.7	ug/L	26561	1	8.84	116397	25.0
3-Octanone	13.22	2.3	ug/L	7796	3	13.56	85333	25.0