LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
Data File : VW016838.D
Acq On : 07 Oct 2020 17:35
Operator : SY/VA
Sample : L4308-02
Misc : 5.94G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AP7

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\SOM2WLM100720S.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	2.361	68	75	89	rVB	110622	227930	15.12%	1.882%
2	2.892	155	162	177	rVB	83386	202363	13.42%	1.670%
3	3.288	225	227	231	rVB2	496	407	0.03%	0.003%
4	3.385	239	243	245	rBV4	581	701	0.05%	0.006%
5	3.587	274	276	278	rBV2	280	377	0.03%	0.003%
6	3.635	283	284	287	rBV2	368	376	0.02%	0.003%
7	3.684	290	292	295	rBV3	511	443	0.03%	0.004%
8	3.733	298	300	303	rVB2	385	489	0.03%	0.004%
9	3.867	319	322	327	rVB2	341	406	0.03%	0.003%
10	3.946	331	335	336	rBV2	305	395	0.03%	0.003%
11	4.025	336	348	364	rBV	191766	593240	39.35%	4.897%
12	4.208	373	378	388	rVB5	2753	8222	0.55%	0.068%
13	4.385	404	407	414	rVB3	435	910	0.06%	0.008%
14	4.458	414	419	420	rBV2	380	572	0.04%	0.005%
15	4.599	439	442	444	rBV	390	426	0.03%	0.004%
16	4.623	444	446	448	rBV3	425	404	0.03%	0.003%
17	4.922	482	495	507	rBV3	16254	60795	4.03%	0.502%
18	5.300	553	557	561	rBV	376	444	0.03%	0.004%
19	5.940	652	662	673	rBV5	3897	13462	0.89%	0.111%
20	6.336	722	727	731	rVV2	194	413	0.03%	0.003%
21	6.604	765	771	772	rBV4	1347	2290	0.15%	0.019%
22	7.092	842	851	857	rBV	24317	72286	4.79%	0.597%
23	7.653	932	943	958	rVV	267569	647115	42.93%	5.342%
24	7.805	965	968	969	rBV	371	377	0.03%	0.003%
25	7.860	974	977	979	rBV2	349	410	0.03%	0.003%
26	7.952	987	992	997	rBV4	925	2135	0.14%	0.018%
27	8.281	1034	1046	1062	rBV2	520376	1507547	100.00%	12.444%
28	8.616	1098	1101	1104	rBV2	409	615	0.04%	0.005%
29	8.848	1129	1139	1154	rBV	621534	1253135	83.12%	10.344%
30	9.079	1173	1177	1182	rBV4	1262	2310	0.15%	0.019%
31	9.275	1200	1209	1224	rBV	319206	664322	44.07%	5.484%
32	9.671	1272	1274	1277	rVV2	503	435	0.03%	0.004%
33	9.762	1283	1289	1298	rVB2	9513	17599	1.17%	0.145%
34	9.896	1303	1311	1321	rBV	21372	43773	2.90%	0.361%

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Misc : 5.94G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AP7

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\SOM2WLM100720S.M
Title : VOC Analysis

35	10.037	1326	1334	1345	rBV	164500	294849	19.56%	2.434%
36	10.134	1345	1350	1355	rVB4	3181	5546	0.37%	0.046%
37	10.250	1360	1369	1374	rBV	13181	23848	1.58%	0.197%
38	10.323	1374	1381	1391	rVV	764598	1361540	90.31%	11.239%
39	10.427	1395	1398	1403	rVV3	8083	13753	0.91%	0.114%
40	10.518	1403	1413	1417	rVV4	11189	23863	1.58%	0.197%
41	10.579	1417	1423	1428	rVV	102533	180291	11.96%	1.488%
42	10.628	1428	1431	1437	rVV	15803	24247	1.61%	0.200%
43	10.701	1437	1443	1450	rVB2	10396	19836	1.32%	0.164%
44	10.780	1450	1456	1463	rVB2	18720	32045	2.13%	0.265%
45	10.860	1463	1469	1474	rBV5	2157	4226	0.28%	0.035%
46	10.927	1474	1480	1493	rBV	99305	176879	11.73%	1.460%
47	11.030	1493	1497	1508	rVB8	2673	7831	0.52%	0.065%
48	11.171	1518	1520	1525	rVB4	944	1235	0.08%	0.010%
49	11.280	1532	1538	1539	rBV2	1597	2004	0.13%	0.017%
50	11.341	1543	1548	1552	rBV2	3398	4349	0.29%	0.036%
51	11.384	1553	1555	1560	rVB5	826	1196	0.08%	0.010%
52	11.439	1562	1564	1568	rVB3	858	1122	0.07%	0.009%
53	11.542	1575	1581	1585	rBV5	1170	2310	0.15%	0.019%
54	11.634	1586	1596	1604	rBV	850366	1459578	96.82%	12.048%
55	11.786	1619	1621	1625	rBV2	561	781	0.05%	0.006%
56	11.829	1625	1628	1629	rVV3	1205	1277	0.08%	0.011%
57	11.878	1631	1636	1642	rVV2	12292	19759	1.31%	0.163%
58	12.030	1656	1661	1663	rVV4	977	1563	0.10%	0.013%
59	12.067	1663	1667	1677	rVV2	4605	9582	0.64%	0.079%
60	12.164	1681	1683	1684	rBV2	508	508	0.03%	0.004%
61	12.250	1693	1697	1701	rBV4	1215	1923	0.13%	0.016%
62	12.323	1707	1709	1710	rBV	552	443	0.03%	0.004%
63	12.365	1715	1716	1718	rVB	951	515	0.03%	0.004%
64	12.426	1724	1726	1730	rVB4	1020	1325	0.09%	0.011%
65	12.481	1730	1735	1736	rBV3	457	656	0.04%	0.005%
66	12.500	1736	1738	1740	rVB3	602	415	0.03%	0.003%
67	12.591	1747	1753	1761	rBV3	22227	47171	3.13%	0.389%
68	12.695	1761	1770	1776	rBV	223687	365993	24.28%	3.021%
69	12.762	1776	1781	1790	rVB4	7981	20859	1.38%	0.172%
70	12.835	1790	1793	1797	rBV5	1202	2380	0.16%	0.020%
71	12.878	1797	1800	1805	rBV7	1773	2944	0.20%	0.024%

LSC Area Percent Report

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AP7

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\SOM2WLM100720S.M
Title : VOC Analysis

72	12.969	1805	1815	1820	rBV2	18756	39883	2.65%	0.329%
73	13.134	1830	1842	1843	rBV7	3680	10130	0.67%	0.084%
74	13.195	1843	1852	1859	rVB	42155	76255	5.06%	0.629%
75	13.304	1864	1870	1876	rVB	22014	35327	2.34%	0.292%
76	13.408	1876	1887	1893	rBV	71513	133014	8.82%	1.098%
77	13.481	1896	1899	1901	rVV4	6395	10258	0.68%	0.085%
78	13.560	1902	1912	1917	rVV	731113	1204015	79.87%	9.939%
79	13.609	1917	1920	1930	rVB2	75376	145294	9.64%	1.199%
80	13.768	1940	1946	1953	rBV3	25878	48846	3.24%	0.403%
81	13.853	1953	1960	1967	rBV	528321	884550	58.67%	7.302%
82	14.072	1988	1996	2012	rVB3	17260	51108	3.39%	0.422%
83	14.200	2012	2017	2021	rBV4	2042	4643	0.31%	0.038%
84	14.322	2034	2037	2042	rVB7	2056	3268	0.22%	0.027%
85	14.499	2062	2066	2069	rBV5	1906	3294	0.22%	0.027%
86	14.658	2089	2092	2095	rVV4	909	1015	0.07%	0.008%
87	14.694	2095	2098	2099	rVV2	817	898	0.06%	0.007%
88	14.725	2099	2103	2109	rVB6	2617	4435	0.29%	0.037%
89	14.810	2116	2117	2119	rVB2	779	507	0.03%	0.004%
90	14.834	2119	2121	2124	rBV4	595	899	0.06%	0.007%
91	15.170	2174	2176	2179	rVB3	585	549	0.04%	0.005%
92	15.200	2179	2181	2184	rBV2	672	786	0.05%	0.006%
93	15.408	2213	2215	2217	rVV3	858	940	0.06%	0.008%
94	15.444	2217	2221	2225	rVB5	2167	3565	0.24%	0.029%
95	15.590	2243	2245	2247	rBV3	623	548	0.04%	0.005%
96	15.847	2284	2287	2292	rVB5	1219	1698	0.11%	0.014%
97	15.968	2305	2307	2312	rBV6	691	1080	0.07%	0.009%
98	16.188	2341	2343	2346	rBV4	479	512	0.03%	0.004%
99	16.609	2410	2412	2414	rVB2	667	498	0.03%	0.004%
100	16.749	2433	2435	2438	rBV3	594	611	0.04%	0.005%

Sum of corrected areas: 12114192

LSC Report - Integrated Chromatogram

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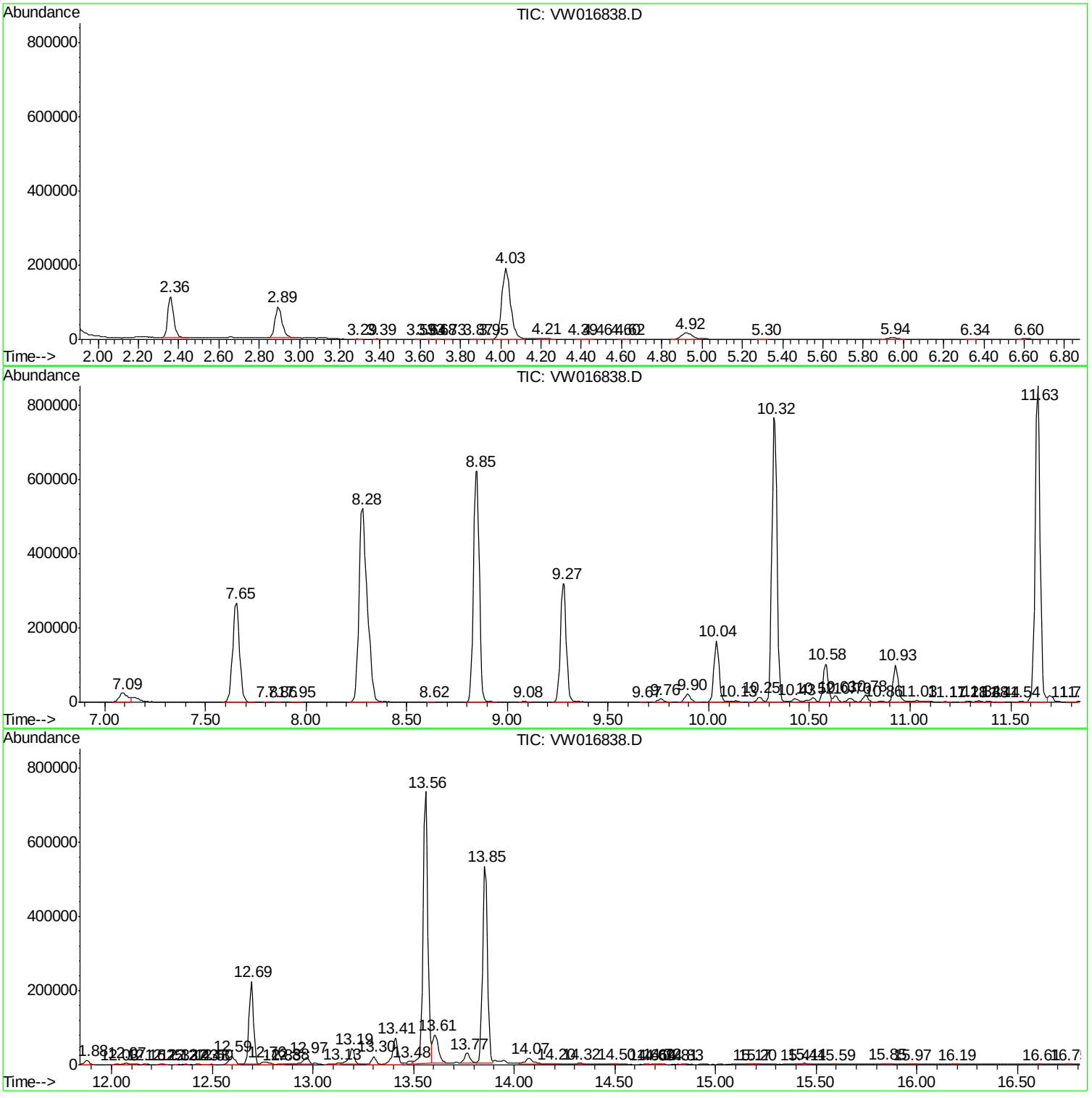
Misc : 5.94G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AP7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.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\VW100820\
Data File : VW016838.D
Acq On : 07 Oct 2020 17:35
Operator : SY/VA
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Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AP7

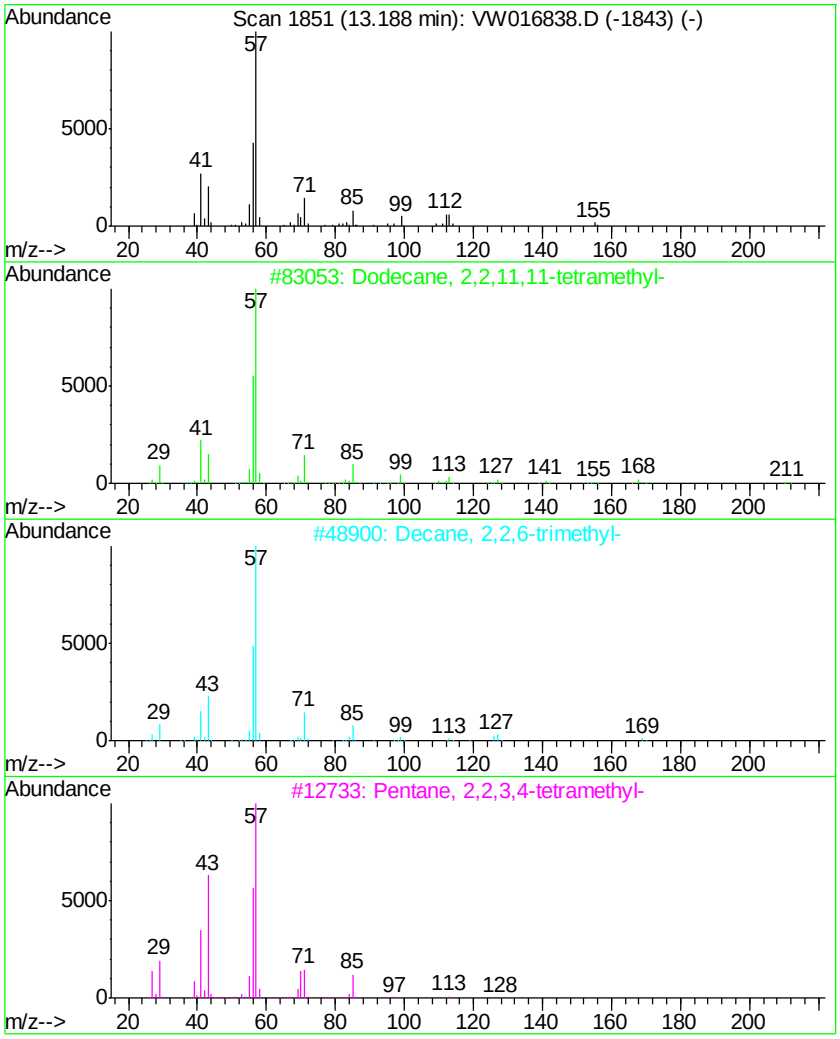
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

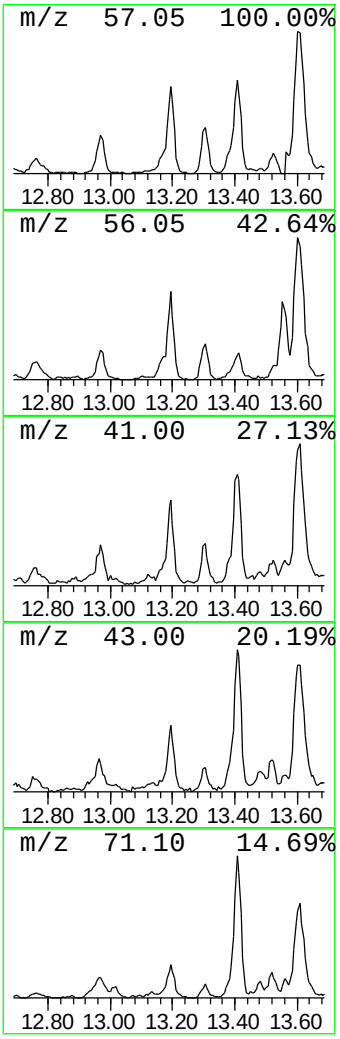
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	1.58 ug/L	76255	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
2	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	64
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
5	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59





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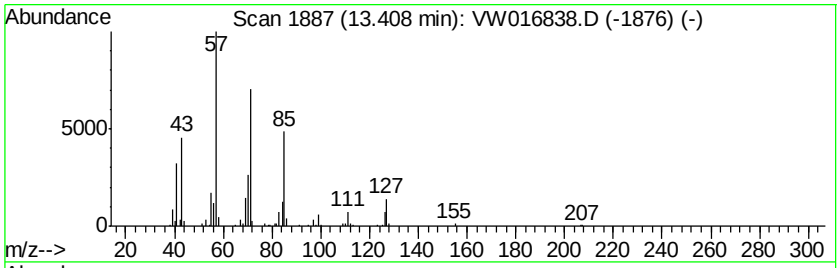
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

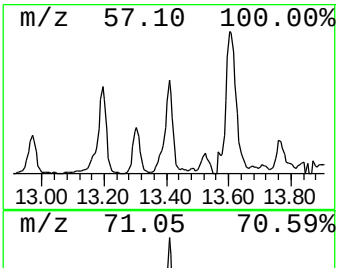
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.76 ug/L	133014	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	59
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
5	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	43





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...	13.19	1.6	ug/L	76255	3	13.56	1204020	25.0
(DEL) Alkane: Str...	13.41	2.8	ug/L	133014	3	13.56	1204020	25.0