LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
Data File : VU059193.D
Acq On : 07 Jun 2024 17:37
Operator : MD/SY
Sample : P2693-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

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_U\Method\SFAMULM052924WMA.M
Title : VOC Analysis

Signal : TIC: VU059193.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.596	87	95	110	rBV	117725	138746	15.94%	1.477%
2	1.756	140	145	156	rBV7	5884	9298	1.07%	0.099%
3	1.907	184	192	213	rVB	93693	131799	15.15%	1.403%
4	2.560	383	395	410	rBV	180722	297303	34.17%	3.165%
5	2.682	429	433	437	rBV2	249	245	0.03%	0.003%
6	2.705	437	440	444	rBV2	299	258	0.03%	0.003%
7	2.788	455	466	471	rBV4	1272	1842	0.21%	0.020%
8	2.846	478	484	489	rBV	328	388	0.04%	0.004%
9	2.878	489	494	496	rBV	272	241	0.03%	0.003%
10	2.949	513	516	522	rVB2	244	245	0.03%	0.003%
11	2.978	522	525	528	rVB2	291	158	0.02%	0.002%
12	3.039	534	544	556	rBV2	4353	7870	0.90%	0.084%
13	3.091	556	560	564	rVB2	193	168	0.02%	0.002%
14	3.174	582	586	593	rVB2	565	668	0.08%	0.007%
15	3.271	610	616	619	rBV2	377	438	0.05%	0.005%
16	3.358	632	643	656	rBV7	1240	2485	0.29%	0.026%
17	3.457	672	674	682	rVB2	181	159	0.02%	0.002%
18	3.502	682	688	692	rBV2	220	268	0.03%	0.003%
19	3.586	707	714	719	rBV2	170	237	0.03%	0.003%
20	3.679	738	743	749	rBV2	184	288	0.03%	0.003%
21	3.747	760	764	768	rBV	191	157	0.02%	0.002%
22	3.788	773	777	779	rVB2	320	223	0.03%	0.002%
23	3.853	791	797	802	rBV2	351	465	0.05%	0.005%
24	3.965	828	832	835	rBV	203	183	0.02%	0.002%
25	4.309	936	939	944	rBV2	317	349	0.04%	0.004%
26	4.399	963	967	969	rVB	227	154	0.02%	0.002%
27	4.570	1017	1020	1024	rVB	364	265	0.03%	0.003%
28	4.615	1024	1034	1059	rBV2	77900	196604	22.59%	2.093%
29	4.837	1101	1103	1112	rVB3	428	563	0.06%	0.006%
30	5.055	1155	1171	1201	rBV	153250	344967	39.64%	3.673%
31	5.222	1219	1223	1226	rVV3	255	215	0.02%	0.002%
32	5.312	1244	1251	1255	rBV4	551	692	0.08%	0.007%
33	5.341	1259	1260	1265	rVB	253	174	0.02%	0.002%
34	5.377	1265	1271	1278	rBV3	822	1138	0.13%	0.012%
35	5.476	1296	1302	1303	rBV2	241	190	0.02%	0.002%
36	5.509	1308	1312	1314	rBV2	293	210	0.02%	0.002%

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Sample : P2693-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VHBLK001

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_U\Method\SFAMULM052924WMA.M
Title : VOC Analysis

37	5.528	1314	1318	1321	rVB2	387	340	0.04%	0.004%
38	5.718	1356	1377	1408	rBV2	322340	870171	100.00%	9.265%
39	5.917	1435	1439	1443	rBV3	353	284	0.03%	0.003%
40	6.145	1508	1510	1515	rVB2	219	172	0.02%	0.002%
41	6.242	1526	1540	1562	rBV	331952	644462	74.06%	6.862%
42	6.441	1600	1602	1605	rBV2	322	184	0.02%	0.002%
43	6.528	1621	1629	1643	rVB8	3528	7355	0.85%	0.078%
44	6.682	1661	1677	1706	rBV	194653	390864	44.92%	4.161%
45	6.801	1710	1714	1722	rVV5	1120	1874	0.22%	0.020%
46	6.936	1751	1756	1766	rVB2	329	438	0.05%	0.005%
47	7.062	1793	1795	1798	rBV	274	226	0.03%	0.002%
48	7.100	1802	1807	1810	rBV3	451	548	0.06%	0.006%
49	7.193	1829	1836	1848	rBV5	1848	3076	0.35%	0.033%
50	7.425	1904	1908	1910	rBV	269	216	0.02%	0.002%
51	7.560	1938	1950	1974	rBV	97112	179985	20.68%	1.916%
52	7.679	1985	1987	1989	rBV	309	197	0.02%	0.002%
53	7.705	1989	1995	1998	rVV7	678	841	0.10%	0.009%
54	7.775	2012	2017	2019	rBV2	547	409	0.05%	0.004%
55	7.798	2019	2024	2030	rVB3	508	585	0.07%	0.006%
56	7.843	2034	2038	2039	rBV2	961	624	0.07%	0.007%
57	7.891	2041	2053	2072	rBV	373130	657277	75.53%	6.998%
58	8.174	2131	2141	2168	rBV	67567	123458	14.19%	1.314%
59	8.290	2175	2177	2180	rVB2	417	216	0.02%	0.002%
60	8.309	2180	2183	2185	rBV2	372	220	0.03%	0.002%
61	8.325	2185	2188	2191	rVB2	351	240	0.03%	0.003%
62	8.351	2191	2196	2197	rBV2	533	392	0.05%	0.004%
63	8.402	2208	2212	2214	rBV3	640	556	0.06%	0.006%
64	8.463	2223	2231	2242	rVB4	1788	2503	0.29%	0.027%
65	8.537	2246	2254	2255	rBV5	1099	840	0.10%	0.009%
66	8.627	2271	2282	2312	rBV	210807	418096	48.05%	4.451%
67	8.859	2348	2354	2363	rVB6	2845	4614	0.53%	0.049%
68	8.917	2364	2372	2379	rBV5	4717	6576	0.76%	0.070%
69	9.068	2409	2419	2425	rBV6	1139	1341	0.15%	0.014%
70	9.116	2425	2434	2440	rVV4	2096	3244	0.37%	0.035%
71	9.164	2441	2449	2458	rVB6	3057	4904	0.56%	0.052%
72	9.229	2465	2469	2472	rBV2	334	270	0.03%	0.003%
73	9.328	2491	2500	2506	rVB4	1009	1520	0.17%	0.016%
74	9.412	2514	2526	2551	rBV	488743	825152	94.83%	8.785%
75	9.618	2588	2590	2591	rBV	383	197	0.02%	0.002%
76	9.634	2592	2595	2597	rVV3	728	524	0.06%	0.006%

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Sample : P2693-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

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_U\Method\SFAMULM052924WMA.M
Title : VOC Analysis

77	9.708	2610	2618	2627	rVB6	4813	8245	0.95%	0.088%
78	9.756	2627	2633	2643	rVB8	2595	3656	0.42%	0.039%
79	9.865	2662	2667	2668	rBV3	718	519	0.06%	0.006%
80	9.952	2689	2694	2699	rBV2	584	618	0.07%	0.007%
81	10.020	2705	2715	2725	rBV2	5222	12091	1.39%	0.129%
82	10.116	2738	2745	2751	rBV7	2758	4786	0.55%	0.051%
83	10.248	2774	2786	2802	rBV7	13209	29281	3.36%	0.312%
84	10.309	2802	2805	2807	rBV4	920	723	0.08%	0.008%
85	10.348	2809	2817	2824	rBV7	10486	17895	2.06%	0.191%
86	10.553	2868	2881	2893	rVB9	5265	14106	1.62%	0.150%
87	10.614	2896	2900	2903	rBV4	585	521	0.06%	0.006%
88	10.656	2911	2913	2916	rVB2	321	198	0.02%	0.002%
89	10.692	2916	2924	2928	rBV5	3453	5011	0.58%	0.053%
90	10.750	2931	2942	2954	rBV	282305	453623	52.13%	4.830%
91	10.888	2977	2985	2989	rBV5	2330	3845	0.44%	0.041%
92	11.010	3017	3023	3029	rBV7	4365	6087	0.70%	0.065%
93	11.058	3032	3038	3047	rVV4	8688	13424	1.54%	0.143%
94	11.566	3188	3196	3202	rBV6	6885	11928	1.37%	0.127%
95	11.807	3260	3271	3289	rBV	513255	827780	95.13%	8.813%
96	12.094	3351	3360	3371	rBV9	16261	31843	3.66%	0.339%
97	12.187	3378	3389	3409	rBV	385361	682647	78.45%	7.268%
98	14.187	4004	4011	4025	rVB	191791	291819	33.54%	3.107%
99	15.203	4318	4327	4339	rBV2	505618	840217	96.56%	8.946%
100	15.971	4561	4566	4575	rVB	664154	836905	96.18%	8.910%

Sum of corrected areas: 9392412

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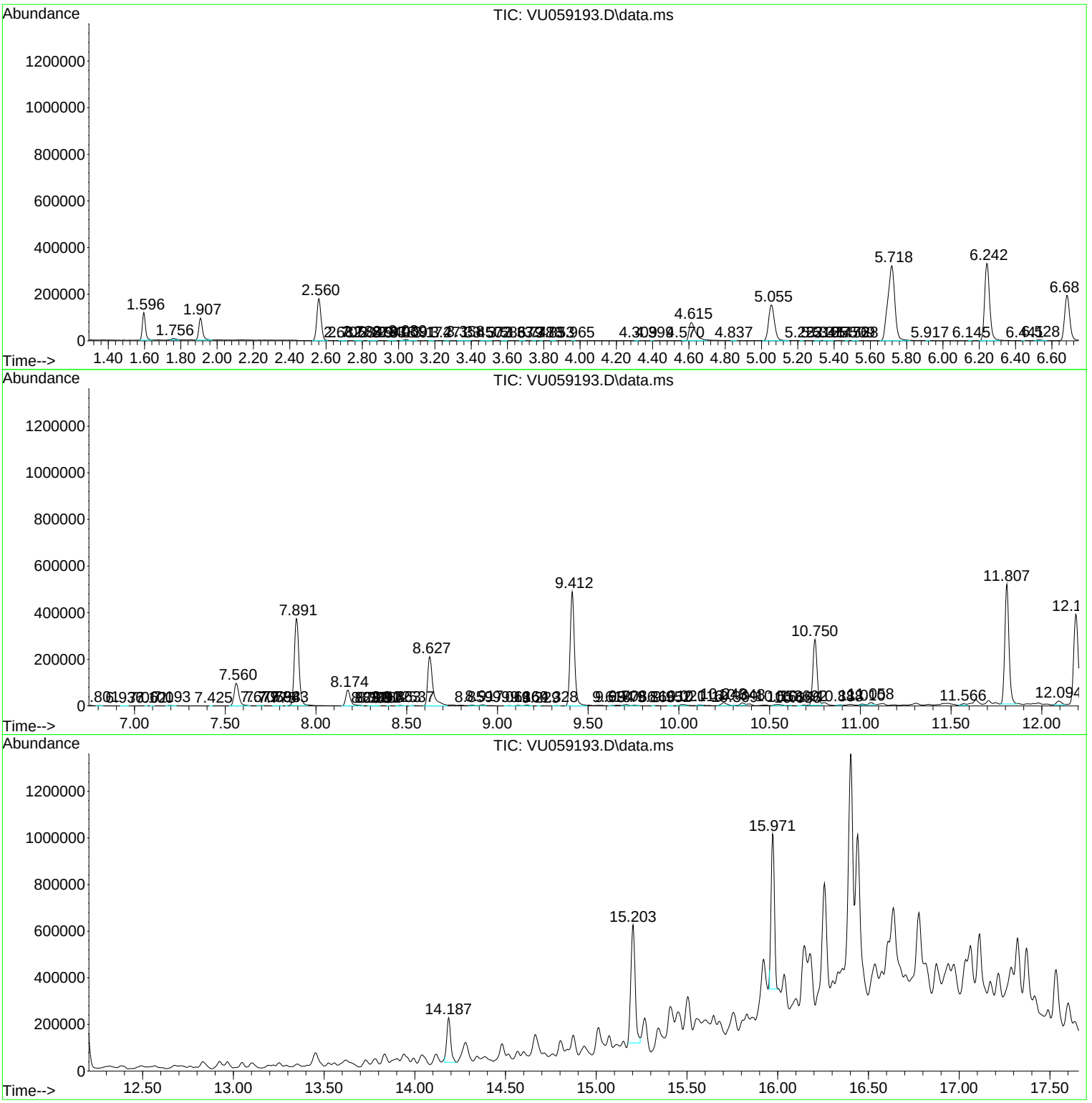
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060724\
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VHBLK001

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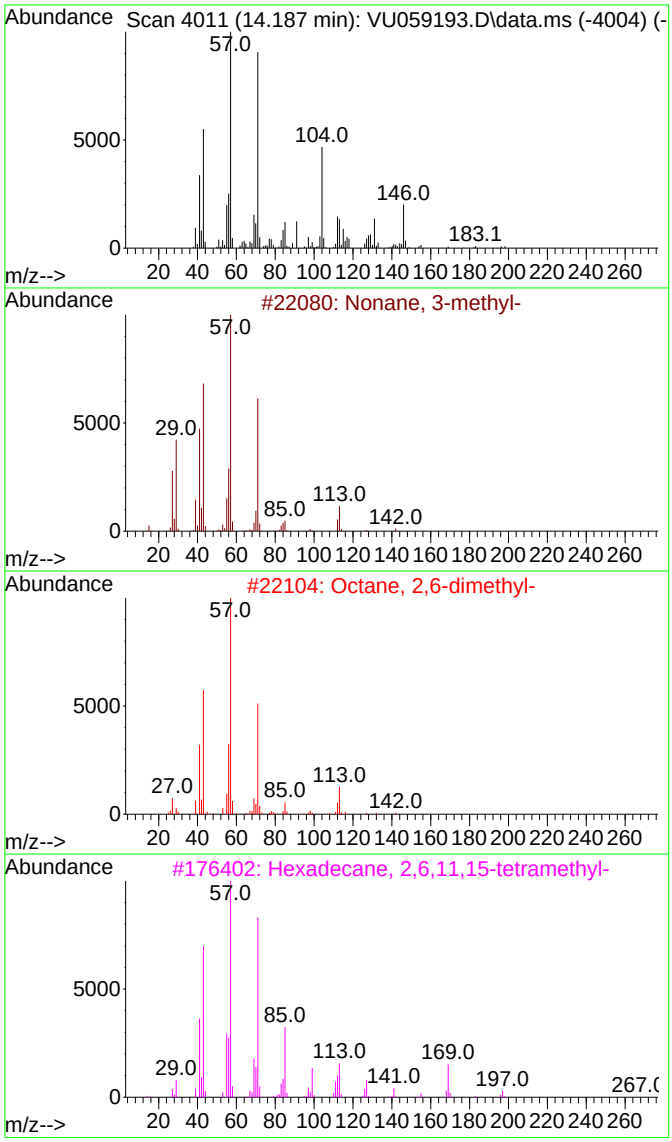
Quant Title : VOC Analysis

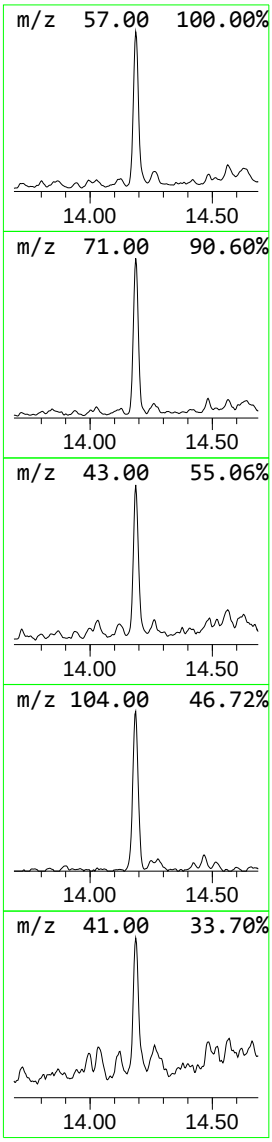
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.187	17.63 ug/L	291819	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	49
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	46
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	46





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

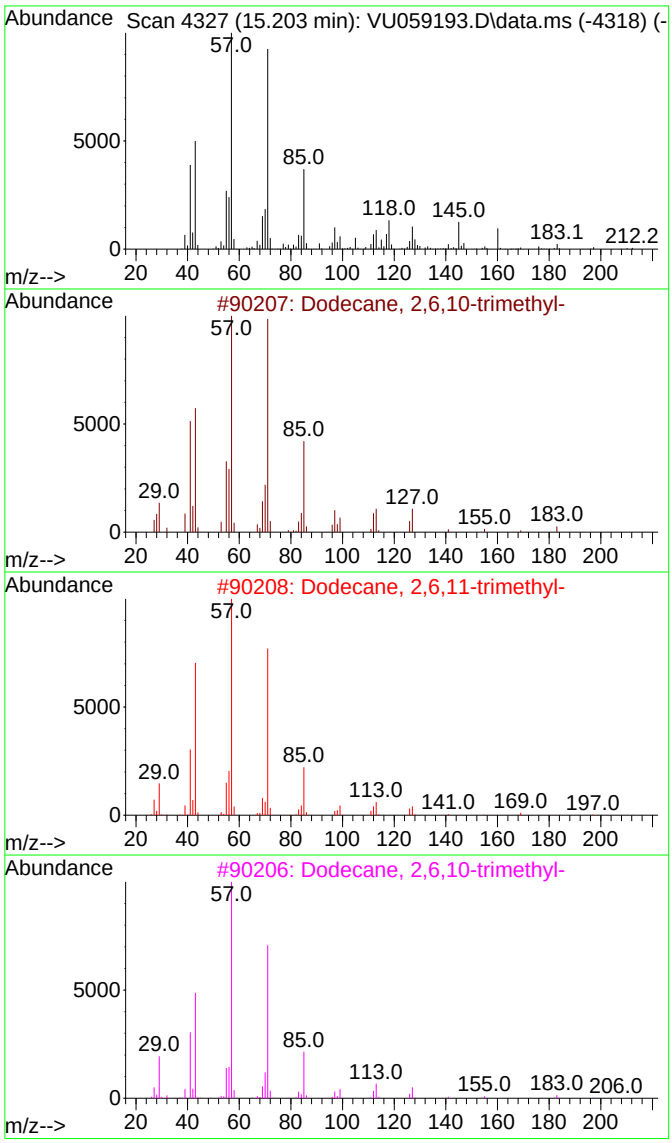
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

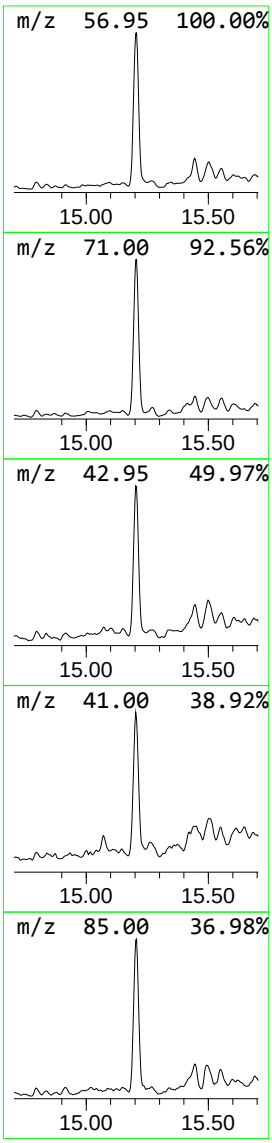
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.203	50.75 ug/L	840217	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
5	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	49





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

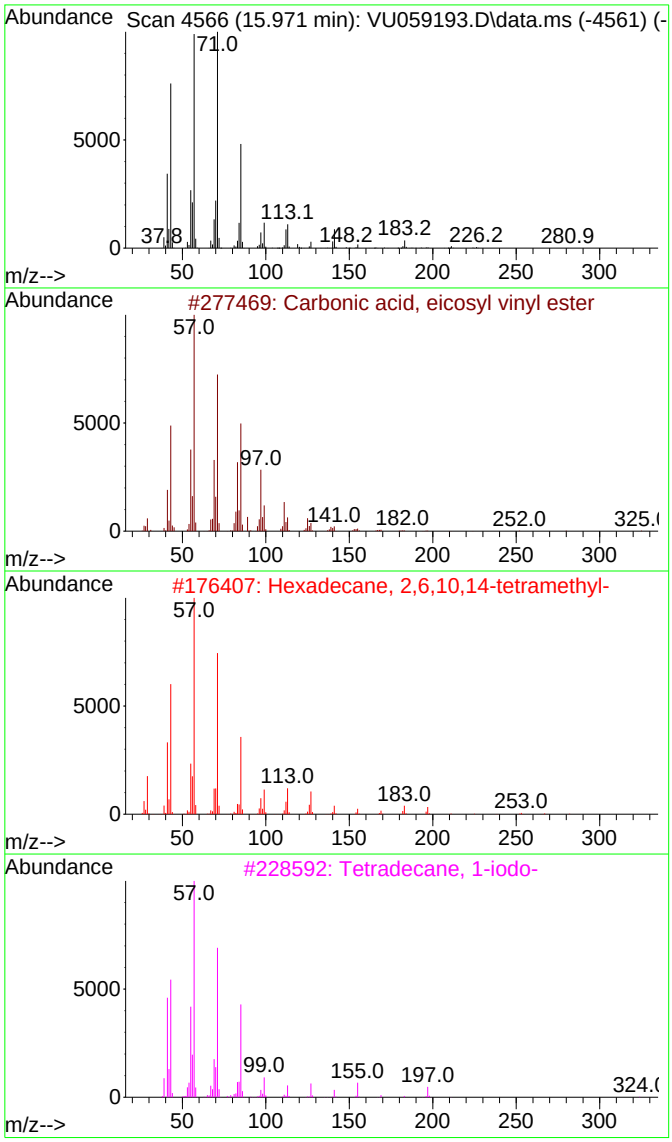
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

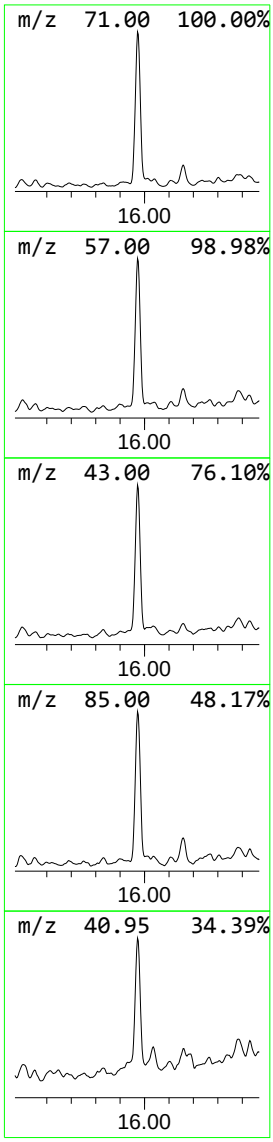
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Carbonic acid, eicosyl viny... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.971	50.55 ug/L	836905	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4	Hexadecane	226	C16H34	000544-76-3	81
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	14.187	17.6	ug/L	291819	3	11.807	827780	50.0
(DEL) Alkane: S...	15.203	50.8	ug/L	840217	3	11.807	827780	50.0
Carbonic acid, ...	15.971	50.5	ug/L	836905	3	11.807	827780	50.0