LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

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\SFAMULM092922WMA.M
Title : VOC Analysis

Signal : TIC: VU051093.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	73	80	89	rBV	196569	238369	12.41%	1.168%
2	1.652	89	97	114	rVB	399351	504560	26.26%	2.471%
3	1.903	168	175	198	rVB	173653	238757	12.43%	1.169%
4	2.565	369	381	412	rVB	309646	602298	31.35%	2.950%
5	2.729	429	432	439	rVB3	745	552	0.03%	0.003%
6	3.041	511	529	550	rBV	397019	853981	44.45%	4.183%
7	3.356	617	627	641	rVB5	8236	16333	0.85%	0.080%
8	3.437	650	652	657	rVB2	522	396	0.02%	0.002%
9	3.562	685	691	693	rBV2	624	636	0.03%	0.003%
10	3.707	734	736	740	rVV2	521	403	0.02%	0.002%
11	4.163	874	878	885	rVB2	521	479	0.02%	0.002%
12	4.295	905	919	933	rBV5	3488	8889	0.46%	0.044%
13	4.433	937	962	982	rBV2	291916	749979	39.04%	3.673%
14	4.620	1008	1020	1049	rBV	170174	509684	26.53%	2.496%
15	4.977	1126	1131	1133	rVB2	599	469	0.02%	0.002%
16	4.999	1134	1138	1141	rBV3	642	431	0.02%	0.002%
17	5.060	1141	1157	1173	rBV	288131	631248	32.86%	3.092%
18	5.459	1262	1281	1306	rBV	858607	1921158	100.00%	9.410%
19	5.723	1343	1363	1380	rBV2	599650	1610619	83.84%	7.889%
20	5.832	1385	1397	1404	rVV3	86704	213822	11.13%	1.047%
21	5.896	1406	1417	1438	rVB	829785	1857950	96.71%	9.100%
22	6.109	1481	1483	1486	rBV5	761	416	0.02%	0.002%
23	6.247	1512	1526	1550	rBV	440389	854515	44.48%	4.185%
24	6.533	1603	1615	1630	rVV8	17962	42399	2.21%	0.208%
25	6.604	1635	1637	1645	rVB4	608	546	0.03%	0.003%
26	6.690	1649	1664	1688	rBV	378355	750265	39.05%	3.675%
27	6.806	1688	1700	1709	rVV3	35818	72594	3.78%	0.356%
28	6.864	1710	1718	1727	rVV3	39172	74338	3.87%	0.364%
29	6.922	1728	1736	1752	rVB2	41181	80778	4.20%	0.396%
30	7.073	1770	1783	1795	rVB4	13929	25881	1.35%	0.127%
31	7.147	1801	1806	1808	rBV2	1130	874	0.05%	0.004%
32	7.256	1824	1840	1855	rBV	541790	1024139	53.31%	5.016%
33	7.379	1863	1878	1895	rBV	518580	1019753	53.08%	4.995%
34	7.565	1923	1936	1947	rBV	197187	357455	18.61%	1.751%
35	7.694	1968	1976	1992	rVB3	17113	32531	1.69%	0.159%
36	7.835	2010	2020	2027	rBV2	13557	25918	1.35%	0.127%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F5J34

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\SFAMULM092922WMA.M
Title : VOC Analysis

37	7.896	2027	2039	2062	rVB	675465	1171937	61.00%	5.740%
38	8.041	2071	2084	2099	rBV3	30159	57206	2.98%	0.280%
39	8.179	2113	2127	2138	rBV	129238	223710	11.64%	1.096%
40	8.353	2174	2181	2184	rBV8	1680	1768	0.09%	0.009%
41	8.407	2189	2198	2213	rBV3	13593	26759	1.39%	0.131%
42	8.481	2217	2221	2232	rVB5	3570	5968	0.31%	0.029%
43	8.552	2232	2243	2252	rBV5	10493	18200	0.95%	0.089%
44	8.633	2256	2268	2291	rBV2	373673	842059	43.83%	4.124%
45	8.890	2341	2348	2353	rVB7	2257	3184	0.17%	0.016%
46	9.070	2394	2404	2413	rBV9	4720	8331	0.43%	0.041%
47	9.163	2426	2433	2442	rBV5	2840	4339	0.23%	0.021%
48	9.240	2452	2457	2459	rBV4	1303	1216	0.06%	0.006%
49	9.337	2474	2487	2500	rBV2	50940	94195	4.90%	0.461%
50	9.417	2500	2512	2526	rBV	603650	1013141	52.74%	4.962%
51	9.690	2590	2597	2602	rVV9	974	1874	0.10%	0.009%
52	9.809	2628	2634	2635	rBV3	2247	1752	0.09%	0.009%
53	9.877	2651	2655	2658	rBV2	944	876	0.05%	0.004%
54	9.938	2671	2674	2677	rBV2	603	455	0.02%	0.002%
55	10.028	2693	2702	2711	rVV7	2533	4494	0.23%	0.022%
56	10.086	2713	2720	2731	rVV9	2269	3776	0.20%	0.018%
57	10.263	2762	2775	2779	rBV9	3863	7760	0.40%	0.038%
58	10.330	2793	2796	2804	rVB6	1789	2096	0.11%	0.010%
59	10.382	2808	2812	2815	rBV4	1134	823	0.04%	0.004%
60	10.443	2829	2831	2838	rVB5	750	718	0.04%	0.004%
61	10.478	2838	2842	2844	rBV2	1652	1163	0.06%	0.006%
62	10.539	2851	2861	2867	rBV6	5009	8252	0.43%	0.040%
63	10.610	2879	2883	2885	rBV4	1096	1011	0.05%	0.005%
64	10.661	2892	2899	2907	rBV8	2443	4316	0.22%	0.021%
65	10.755	2916	2928	2945	rVB	532715	854674	44.49%	4.186%
66	11.005	3003	3006	3012	rVB3	1130	902	0.05%	0.004%
67	11.089	3030	3032	3035	rBV3	838	638	0.03%	0.003%
68	11.247	3075	3081	3087	rBV3	1204	1636	0.09%	0.008%
69	11.414	3130	3133	3136	rVB3	1011	602	0.03%	0.003%
70	11.520	3159	3166	3174	rVB5	1586	2628	0.14%	0.013%
71	11.555	3174	3177	3181	rBV	608	406	0.02%	0.002%
72	11.581	3181	3185	3187	rBV2	538	498	0.03%	0.002%
73	11.639	3191	3203	3211	rBV8	4359	7638	0.40%	0.037%
74	11.700	3218	3222	3226	rBV5	585	451	0.02%	0.002%
75	11.732	3228	3232	3233	rBV2	898	624	0.03%	0.003%
76	11.809	3243	3256	3280	rBV	458536	742632	38.66%	3.637%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

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\SFAMULM092922WMA.M
Title : VOC Analysis

77	12.002	3312	3316	3317	rBV3	615	486	0.03%	0.002%
78	12.095	3335	3345	3353	rBV10	3773	6150	0.32%	0.030%
79	12.137	3353	3358	3359	rBV3	1681	1448	0.08%	0.007%
80	12.192	3362	3375	3402	rVV	553614	910561	47.40%	4.460%
81	12.546	3483	3485	3491	rVB4	1258	953	0.05%	0.005%
82	12.603	3500	3503	3507	rVB2	729	470	0.02%	0.002%
83	12.681	3524	3527	3532	rBV2	502	446	0.02%	0.002%
84	12.713	3535	3537	3544	rVV4	1035	714	0.04%	0.003%
85	12.758	3546	3551	3561	rVB8	2640	3648	0.19%	0.018%
86	12.864	3576	3584	3595	rVB2	6351	9161	0.48%	0.045%
87	12.925	3600	3603	3606	rBV3	697	564	0.03%	0.003%
88	12.999	3623	3626	3629	rVB2	871	568	0.03%	0.003%
89	13.111	3654	3661	3672	rVB4	4612	7287	0.38%	0.036%
90	13.256	3704	3706	3711	rVB	577	416	0.02%	0.002%
91	13.327	3720	3728	3740	rVB5	8578	12311	0.64%	0.060%
92	13.439	3760	3763	3765	rVB3	757	413	0.02%	0.002%
93	13.513	3782	3786	3789	rBV4	695	533	0.03%	0.003%
94	13.623	3817	3820	3822	rBV2	1047	690	0.04%	0.003%
95	13.883	3894	3901	3915	rVB6	3989	6811	0.35%	0.033%
96	14.237	4007	4011	4013	rBV4	759	585	0.03%	0.003%
97	14.282	4021	4025	4026	rBV4	875	618	0.03%	0.003%
98	14.873	4203	4209	4210	rBV4	1327	1186	0.06%	0.006%
99	15.179	4297	4304	4309	rBV6	1357	2179	0.11%	0.011%
100	15.272	4330	4333	4336	rBV2	750	509	0.03%	0.002%

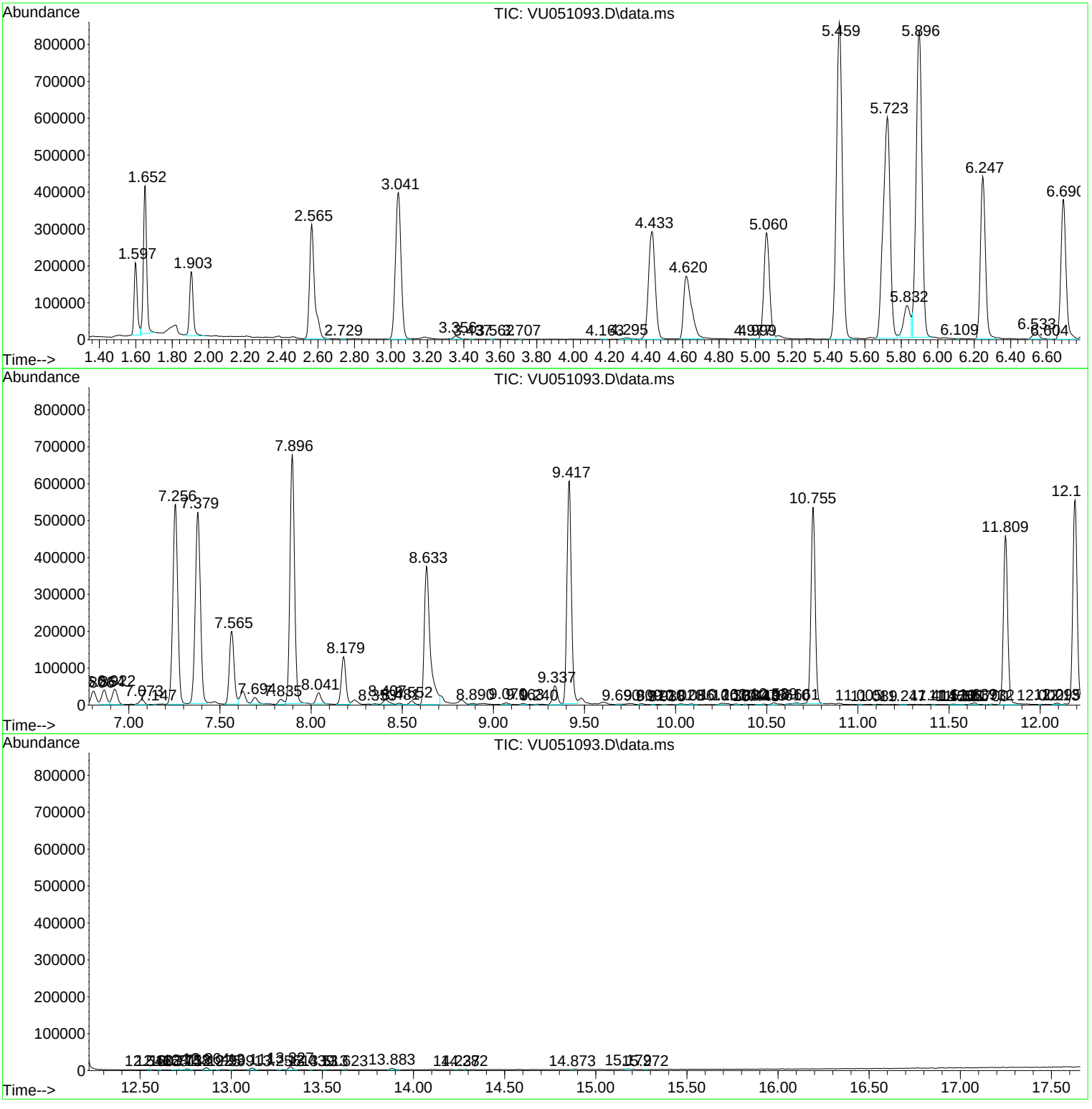
Sum of corrected areas: 20416830

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

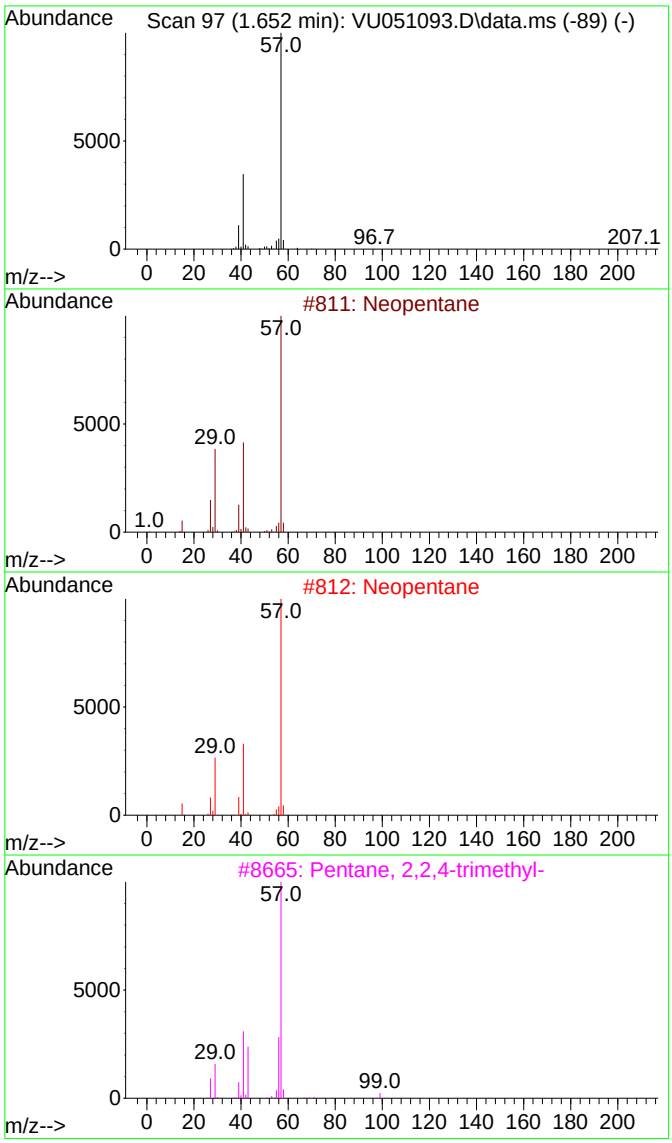
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

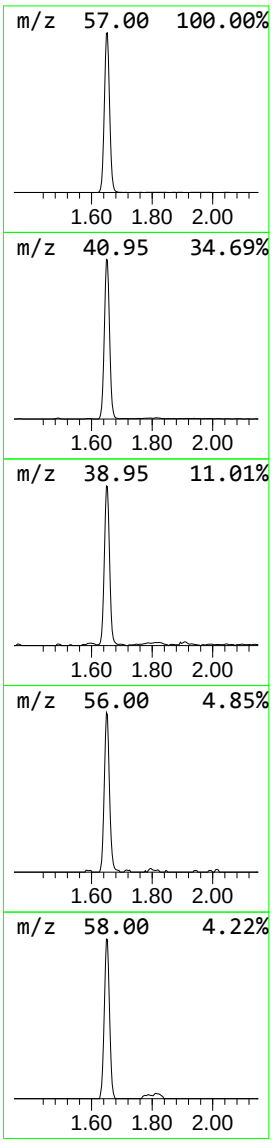
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.652	29.52 ug/L	504560	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentane	72	C5H12	000463-82-1	64
2	Neopentane	72	C5H12	000463-82-1	36
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	33
4	Butane, 2-bromo-	136	C4H9Br	000078-76-2	33
5	Propane, 2-[(1,1-dimethylethyl)s...	178	C8H18O2S	001886-75-5	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

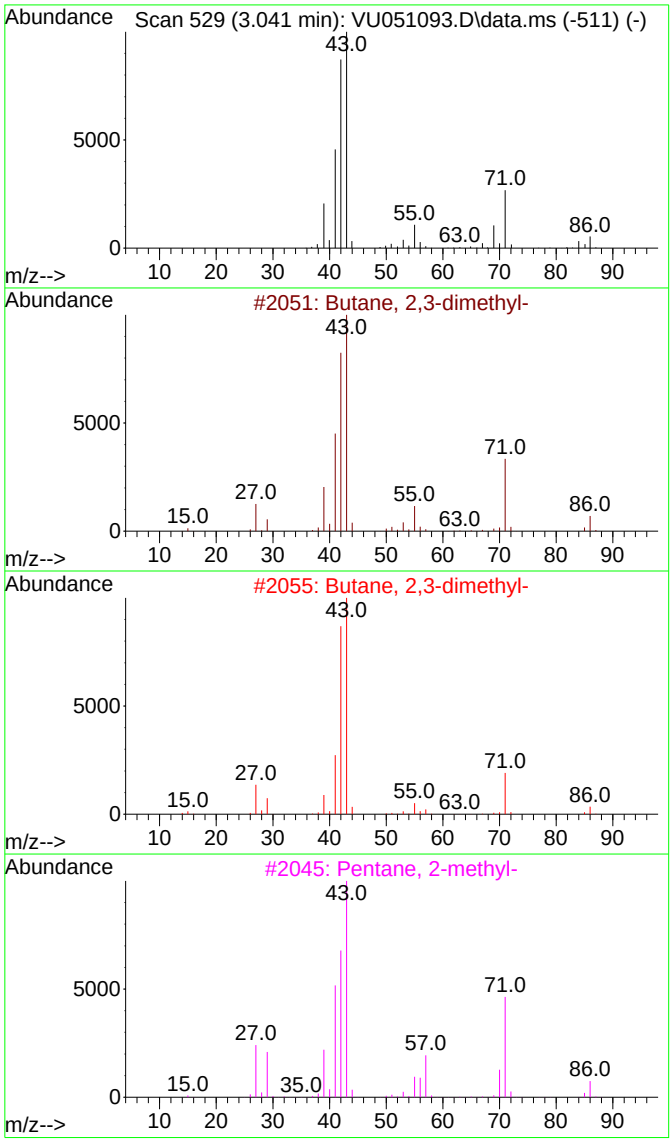
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

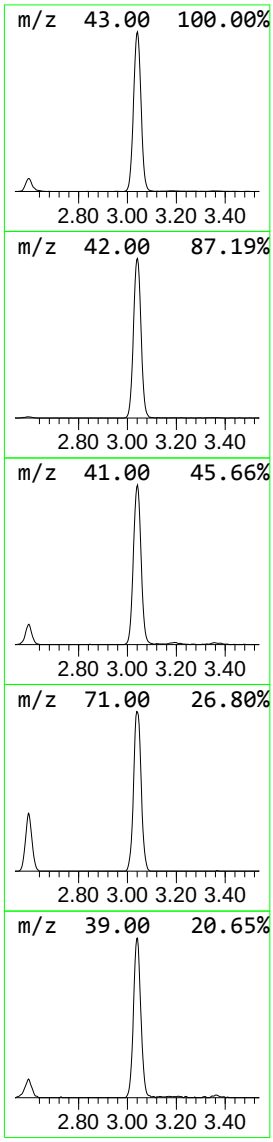
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.041	49.97 ug/L	853981	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

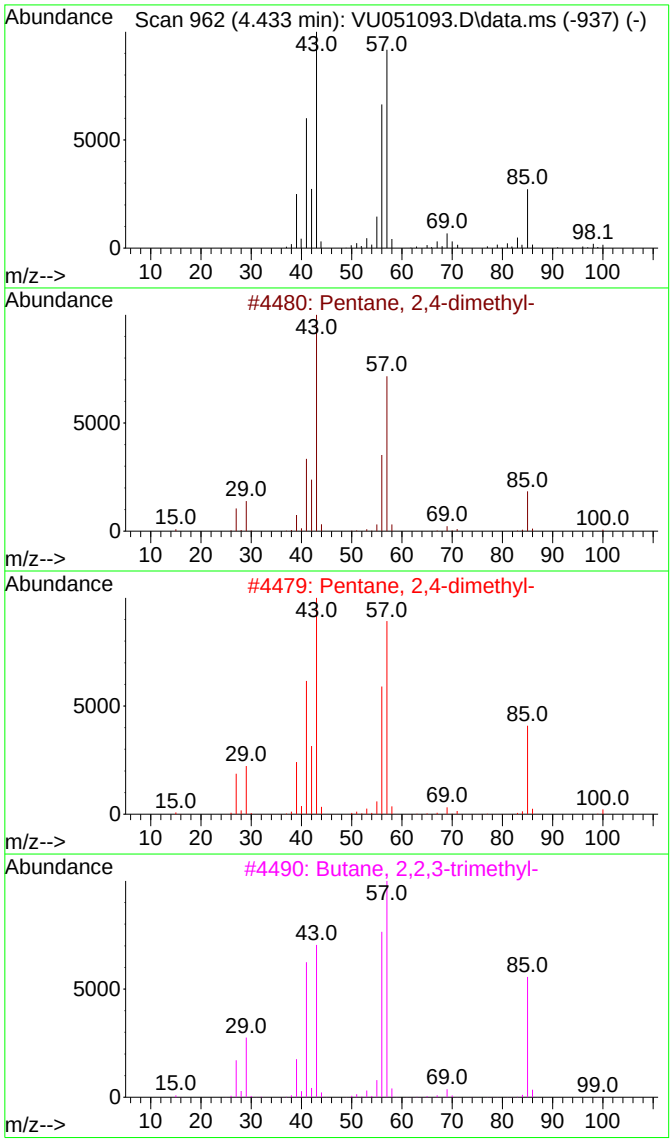
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

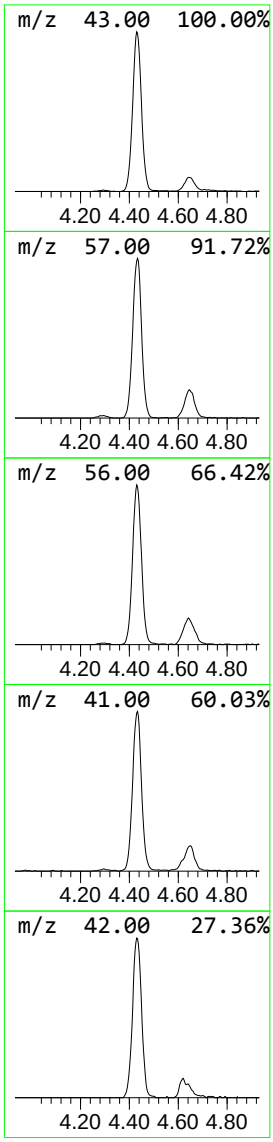
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.433	43.88 ug/L	749979	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	53
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

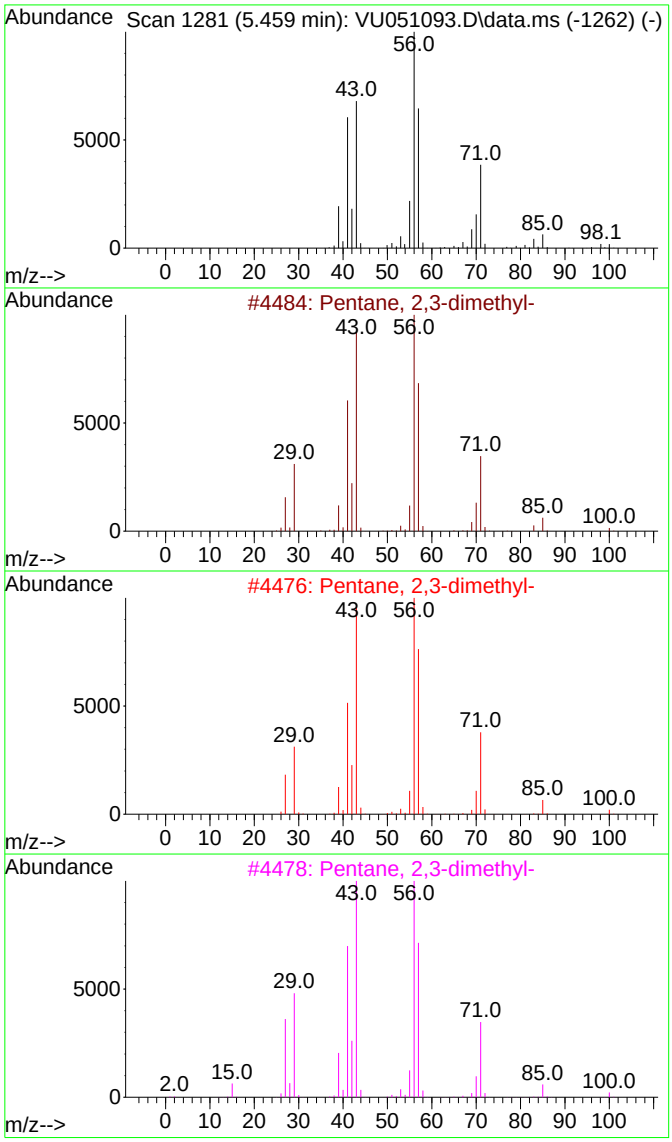
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

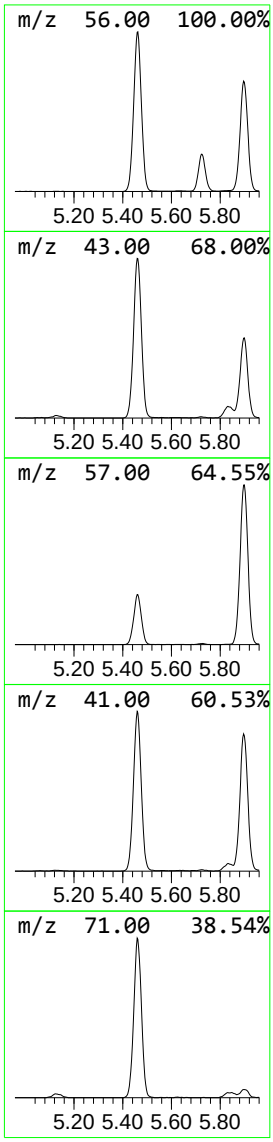
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	112.41 ug/L	1921160	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	86
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
5	Nonane, 5-methylene-	140	C10H20	006795-79-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

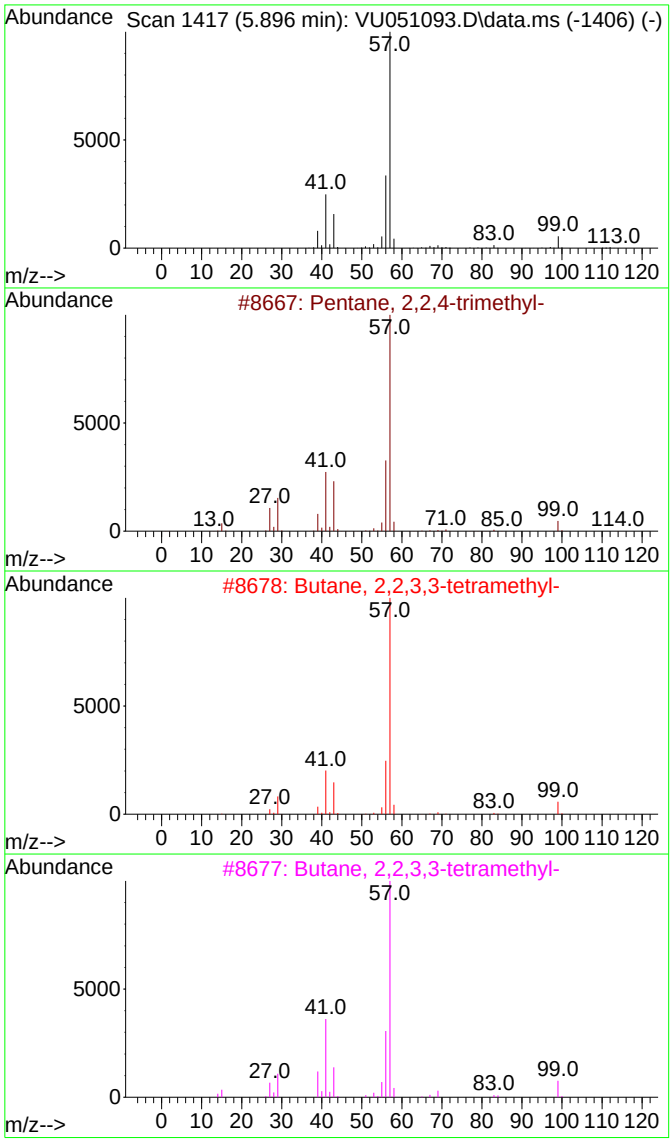
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

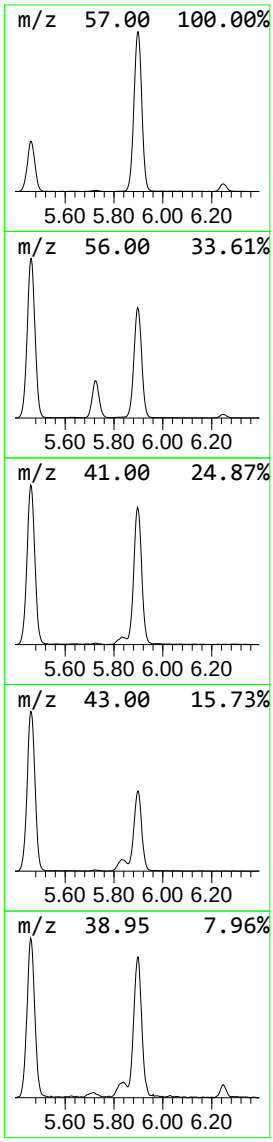
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.896	108.71 ug/L	1857950	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

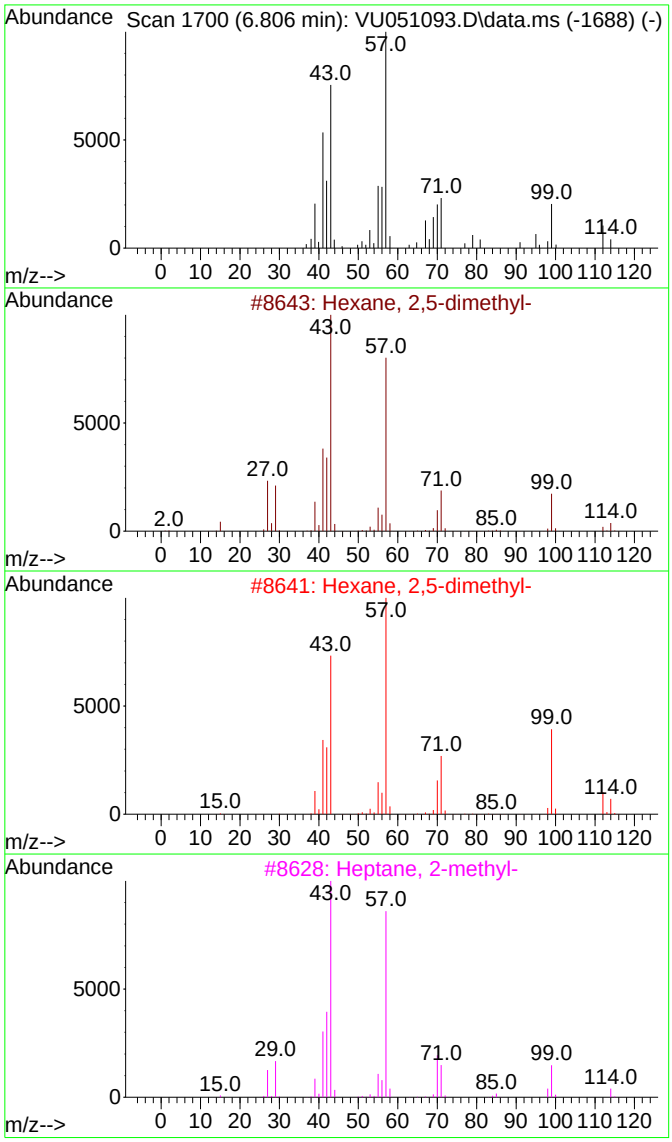
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

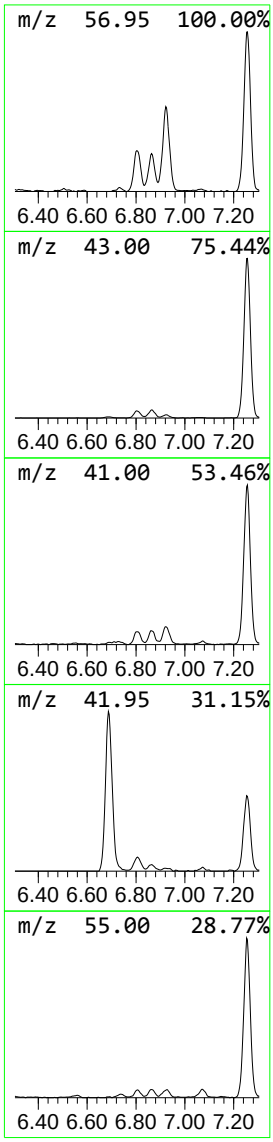
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.806	4.25 ug/L	72594	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	43
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	42
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

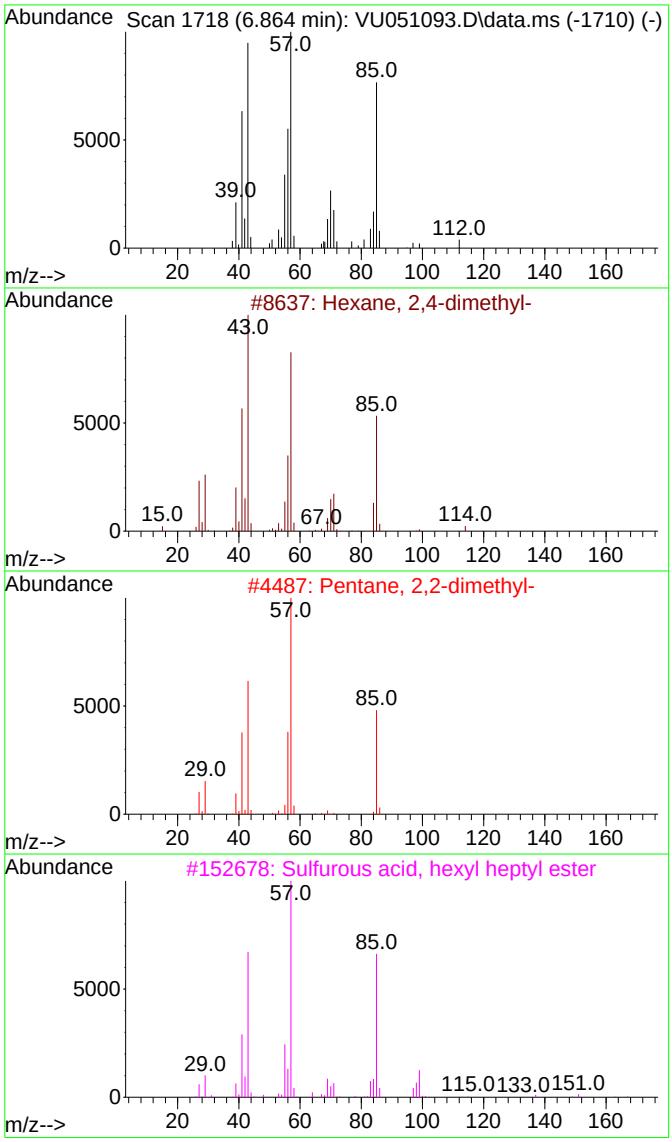
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

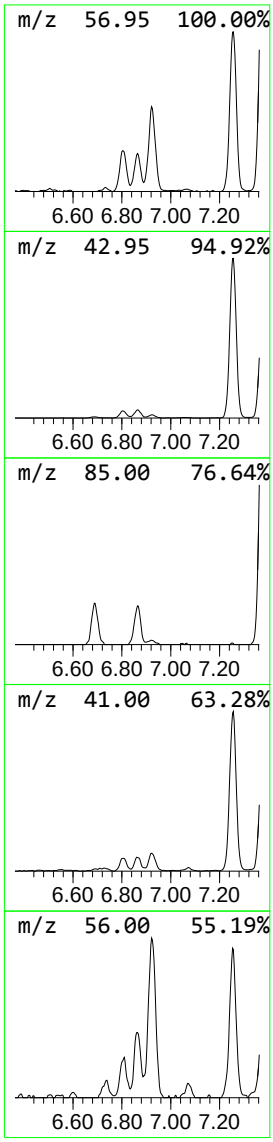
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.864	4.35 ug/L	74338	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
3	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	59
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	53
5	Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

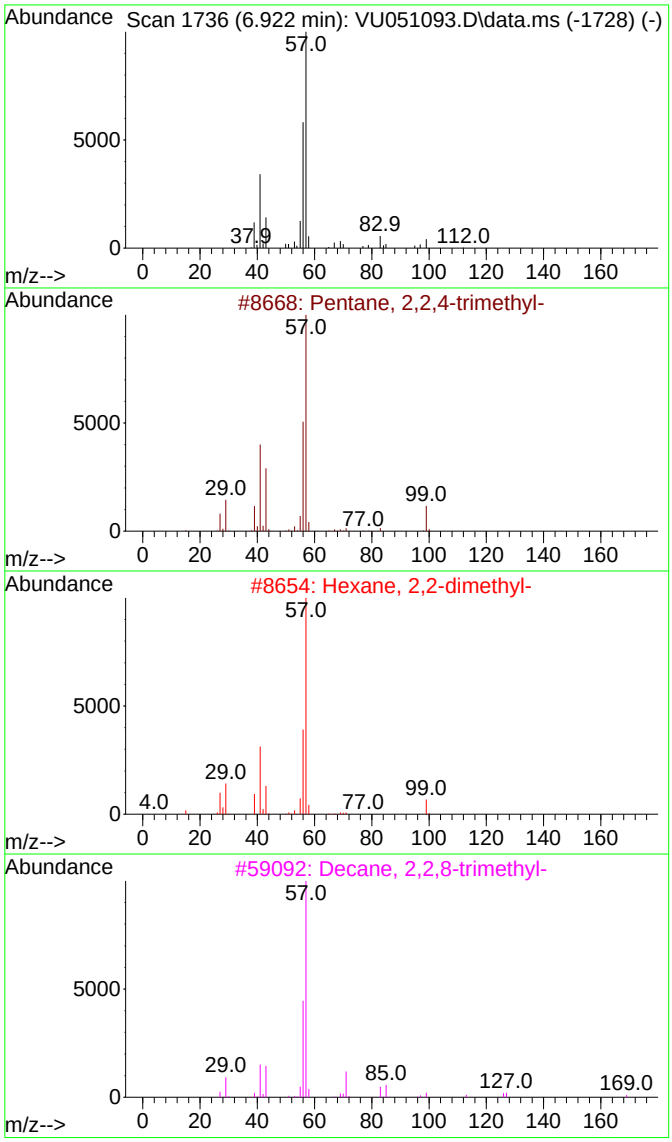
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

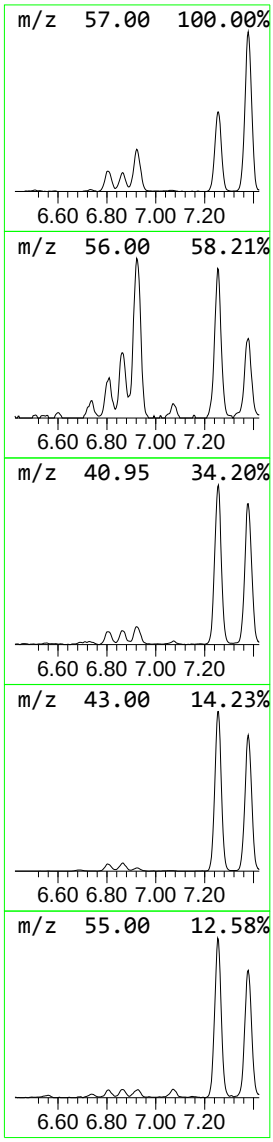
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	4.73 ug/L	80778	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
3	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	56
4	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	50
5	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

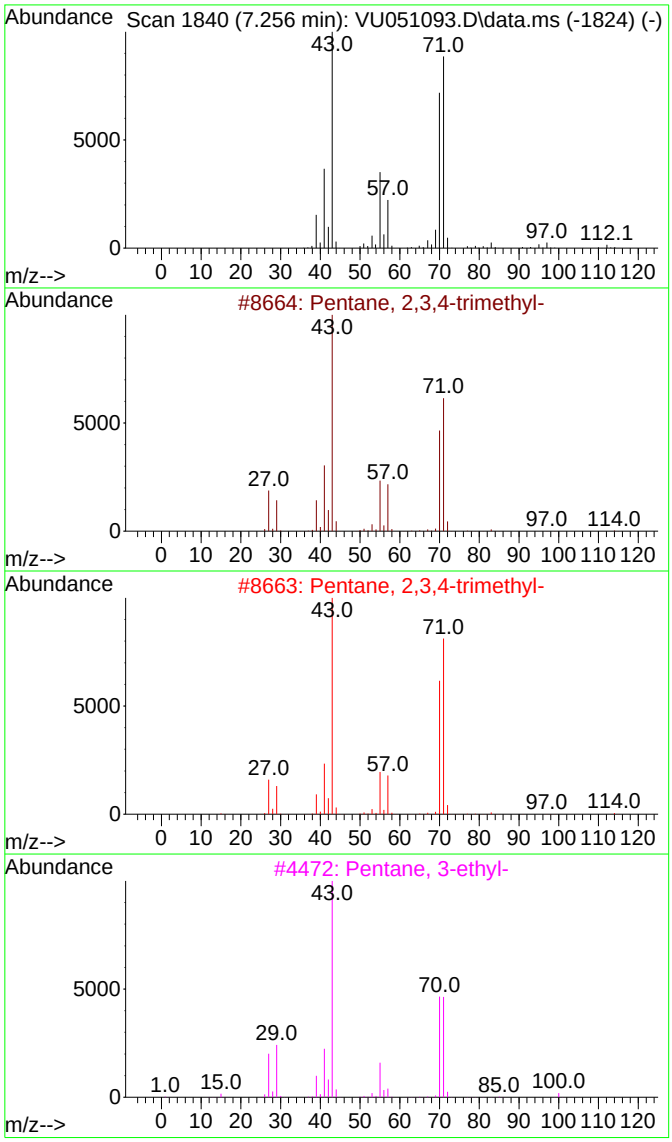
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

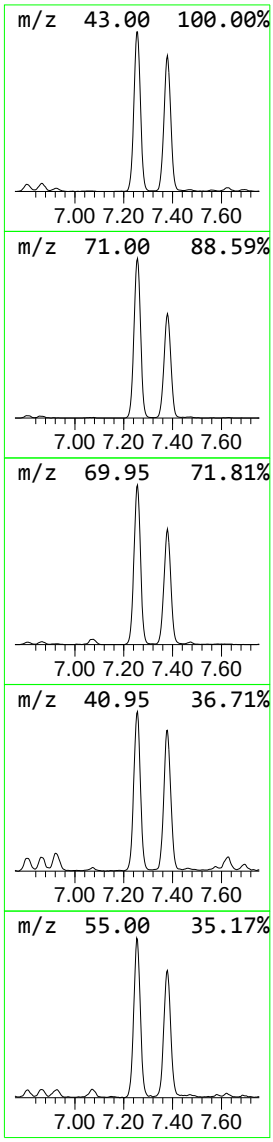
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.256	59.93 ug/L	1024140	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

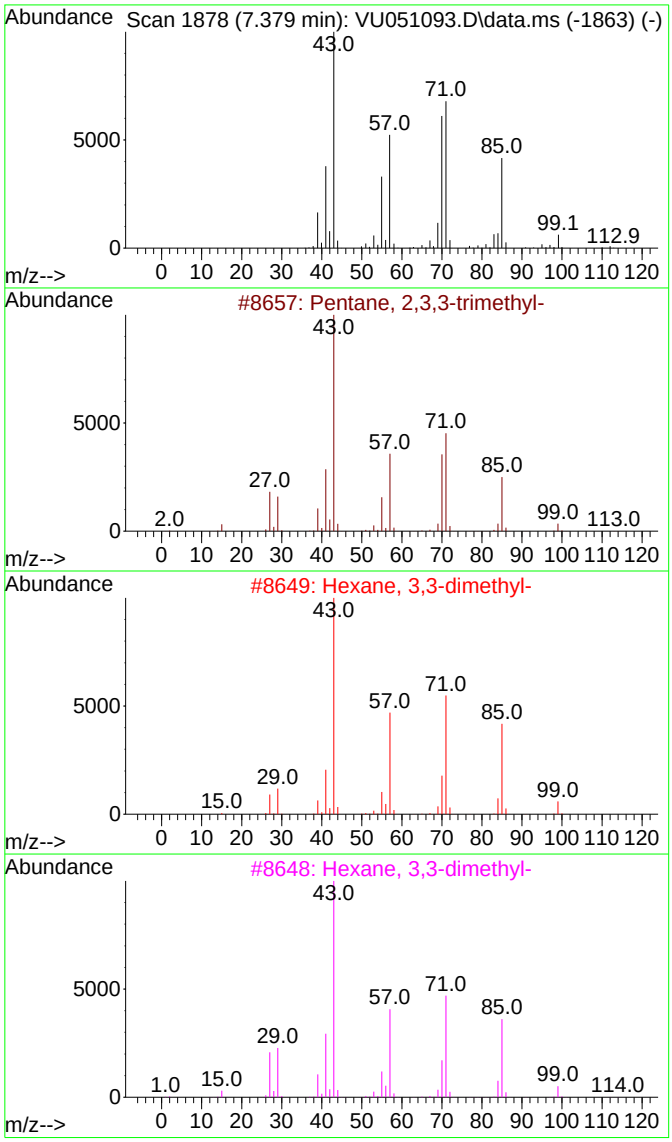
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

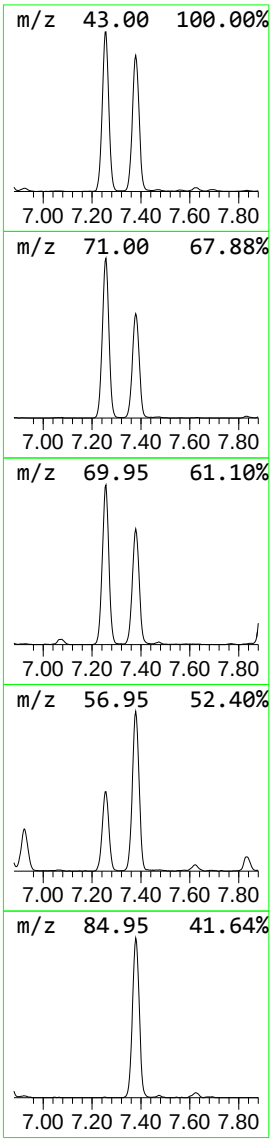
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.379	59.67 ug/L	1019750	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

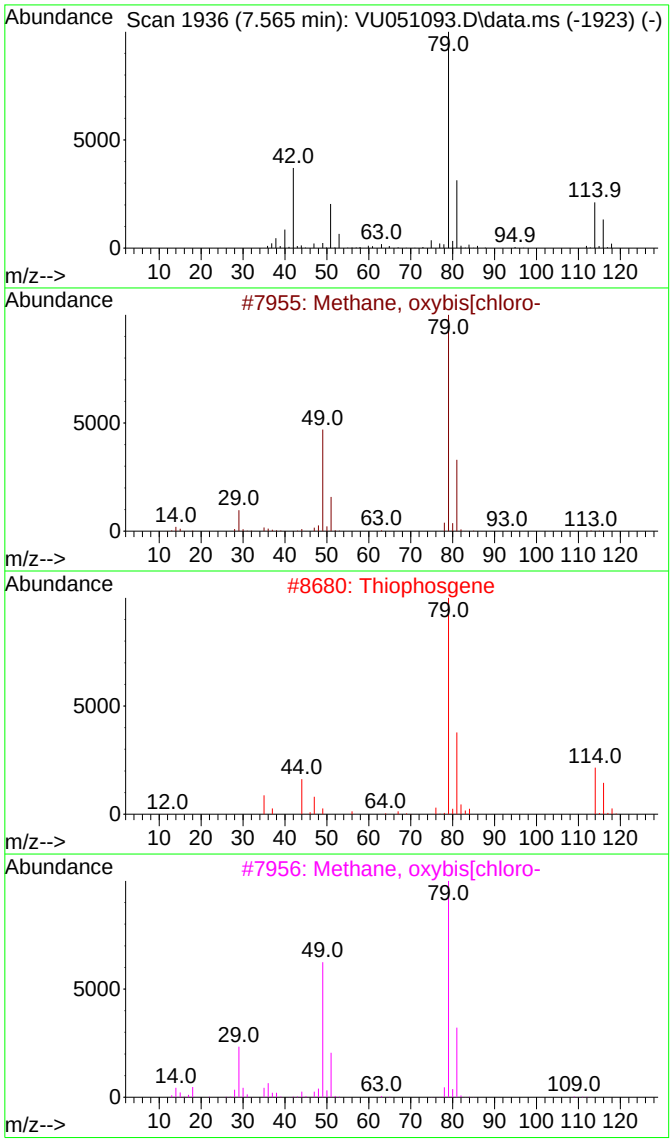
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

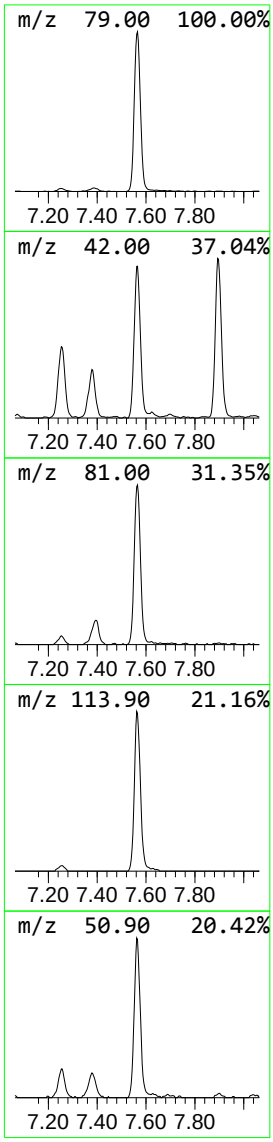
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.565	20.92 ug/L	357455	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	38
2	Thiophosgene	114	CCl2S	000463-71-8	33
3	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	28
4	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9
5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

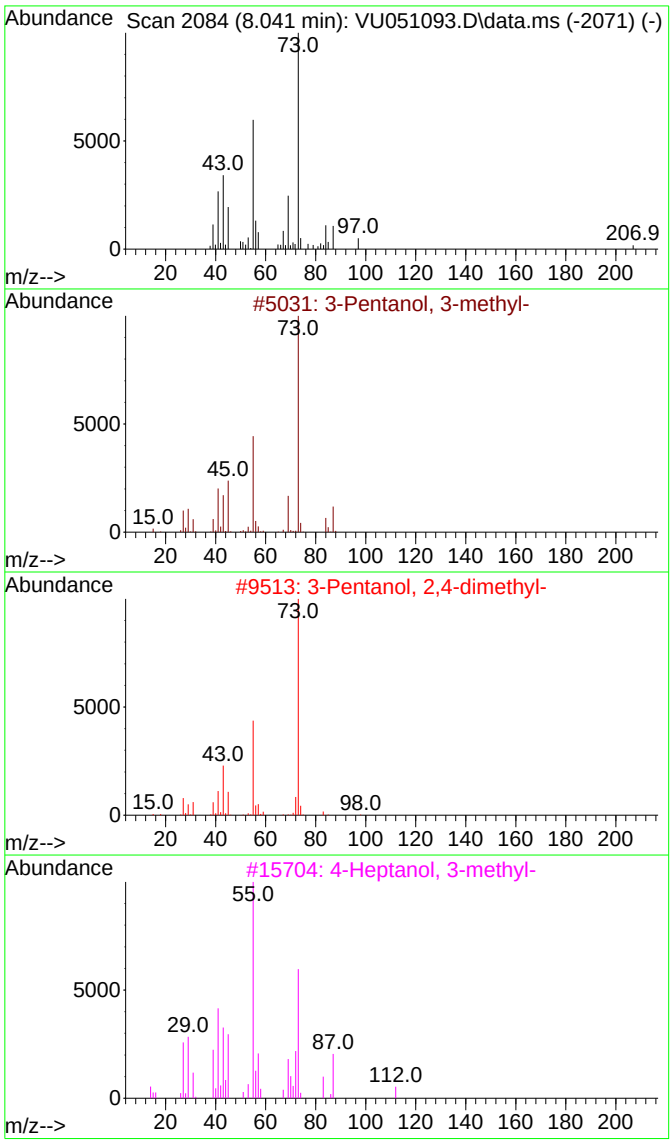
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

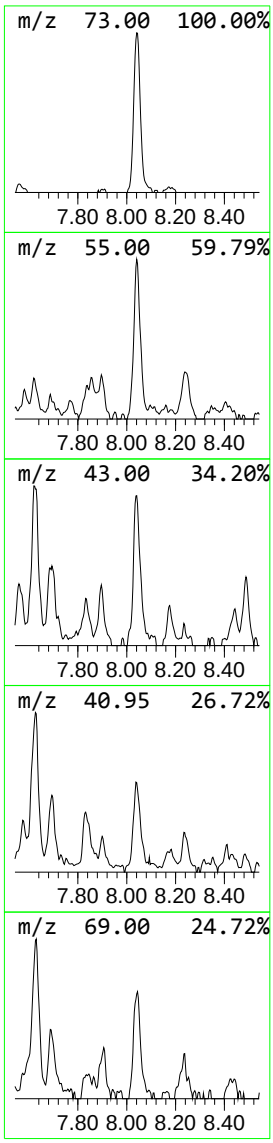
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 3-Pentanol, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.041	2.82 ug/L	57206	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	50
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	40
3	4-Heptanol, 3-methyl-	130	C8H18O	001838-73-9	36
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	34





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

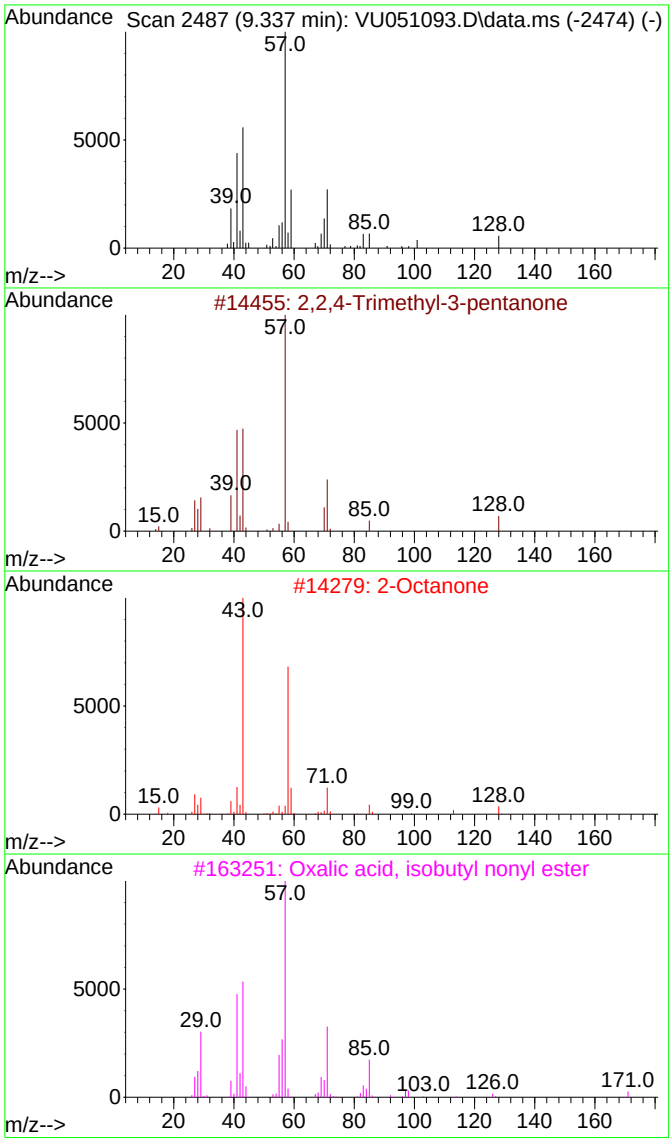
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis

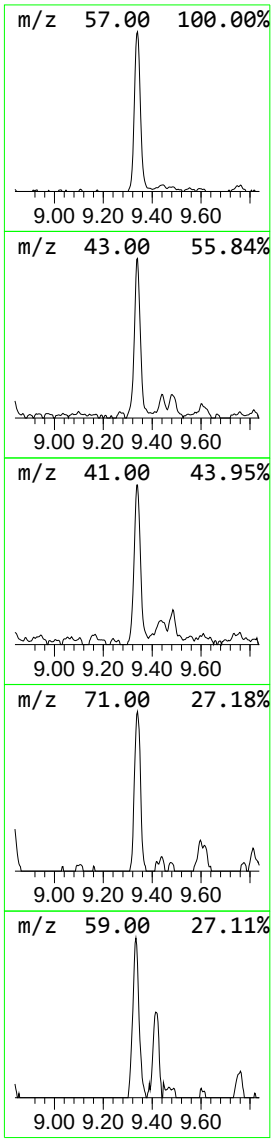
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,2,4-Trimethyl-3-pentanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.337	4.65 ug/L	94195	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-3-pentanone	128	C8H16O	005857-36-3	53
2	2-Octanone	128	C8H16O	000111-13-7	43
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	43
4	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	43
5	tert-C4H9C(O)OCH(CH3)2	144	C8H16O2	005129-36-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
Data File : VU051093.D
Acq On : 03 Oct 2022 19:25
Operator : JC/MD
Sample : N4854-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5J34

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.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...	1.652	29.5	ug/L	504560	1	6.247	854515	50.0
(DEL) Alkane: S...	3.041	50.0	ug/L	853981	1	6.247	854515	50.0
(DEL) Alkane: S...	4.433	43.9	ug/L	749979	1	6.247	854515	50.0
(DEL) Alkane: S...	5.459	112.4	ug/L	1921160	1	6.247	854515	50.0
(DEL) Alkane: S...	5.896	108.7	ug/L	1857950	1	6.247	854515	50.0
(DEL) Alkane: S...	6.806	4.3	ug/L	72594	1	6.247	854515	50.0
(DEL) Alkane: S...	6.864	4.3	ug/L	74338	1	6.247	854515	50.0
(DEL) Alkane: S...	6.922	4.7	ug/L	80778	1	6.247	854515	50.0
(DEL) Alkane: S...	7.256	59.9	ug/L	1024140	1	6.247	854515	50.0
(DEL) Alkane: S...	7.379	59.7	ug/L	1019750	1	6.247	854515	50.0
unknown-01	7.565	20.9	ug/L	357455	1	6.247	854515	50.0
3-Pentanol, 3-m...	8.041	2.8	ug/L	57206	2	9.417	1013140	50.0
2,2,4-Trimethyl...	9.337	4.7	ug/L	94195	2	9.417	1013140	50.0