LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

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\SFAMULM092321WMA.M
Title : VOC Analysis

Signal : TIC: VU045094.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	74	81	89	rBV	182626	206007	13.19%	1.267%
2	1.652	90	97	117	rVB	299980	370529	23.72%	2.279%
3	1.909	169	177	193	rVB	140271	188954	12.10%	1.162%
4	2.469	346	351	358	rVB2	1111	1165	0.07%	0.007%
5	2.572	370	383	409	rBV	279534	548771	35.13%	3.375%
6	2.957	496	503	513	rVB4	625	1070	0.07%	0.007%
7	3.047	513	531	559	rBV	400084	855190	54.74%	5.260%
8	3.192	559	576	591	rVV3	4427	12019	0.77%	0.074%
9	3.285	601	605	609	rBV3	367	333	0.02%	0.002%
10	3.359	617	628	642	rBV7	4739	11037	0.71%	0.068%
11	3.684	724	729	734	rBV2	326	352	0.02%	0.002%
12	3.932	797	806	809	rBV2	225	351	0.02%	0.002%
13	4.179	879	883	889	rBV2	278	366	0.02%	0.002%
14	4.301	908	921	935	rVB4	2884	7839	0.50%	0.048%
15	4.440	940	964	984	rBV	238135	603991	38.66%	3.715%
16	4.629	1008	1023	1060	rBV	149656	426076	27.27%	2.621%
17	5.070	1143	1160	1175	rBV	226072	496494	31.78%	3.054%
18	5.298	1220	1231	1237	rBV4	688	1027	0.07%	0.006%
19	5.465	1264	1283	1307	rBV	691673	1562176	100.00%	9.608%
20	5.642	1326	1338	1344	rBV4	2974	5732	0.37%	0.035%
21	5.729	1344	1365	1381	rBV2	486646	1290868	82.63%	7.940%
22	5.838	1388	1399	1407	rBV2	77004	170575	10.92%	1.049%
23	5.903	1408	1419	1458	rVB	488288	1099260	70.37%	6.761%
24	6.253	1514	1528	1560	rVB	333301	630980	40.39%	3.881%
25	6.546	1607	1619	1633	rVB9	8909	18906	1.21%	0.116%
26	6.697	1650	1666	1690	rBV	302713	599751	38.39%	3.689%
27	6.813	1690	1702	1711	rVV2	23547	44449	2.85%	0.273%
28	6.870	1711	1720	1729	rVV	24118	45033	2.88%	0.277%
29	6.928	1729	1738	1753	rVB	26131	52862	3.38%	0.325%
30	7.009	1759	1763	1766	rVB2	421	285	0.02%	0.002%
31	7.076	1766	1784	1795	rBV4	9025	19797	1.27%	0.122%
32	7.186	1806	1818	1824	rBV7	1449	3069	0.20%	0.019%
33	7.259	1825	1841	1862	rBV	323401	617913	39.55%	3.801%
34	7.385	1863	1880	1901	rBV	321540	641575	41.07%	3.946%
35	7.571	1924	1938	1949	rBV	171331	307637	19.69%	1.892%
36	7.632	1950	1957	1967	rVV3	27520	50219	3.21%	0.309%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

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\SFAMULM092321WMA.M
Title : VOC Analysis

37	7.694	1968	1976	1993	rVB2	16596	32055	2.05%	0.197%
38	7.764	1993	1998	1999	rBV5	1007	878	0.06%	0.005%
39	7.838	2012	2021	2028	rBV4	9132	17493	1.12%	0.108%
40	7.903	2029	2041	2056	rVB	592076	1000853	64.07%	6.156%
41	8.044	2074	2085	2105	rBV2	28256	54413	3.48%	0.335%
42	8.182	2114	2128	2141	rBV	116108	199805	12.79%	1.229%
43	8.243	2141	2147	2159	rVB5	6502	12502	0.80%	0.077%
44	8.372	2184	2187	2190	rBV2	581	308	0.02%	0.002%
45	8.414	2192	2200	2216	rVB2	12242	22222	1.42%	0.137%
46	8.491	2216	2224	2235	rVB4	4634	7668	0.49%	0.047%
47	8.552	2236	2243	2245	rBV4	2145	2125	0.14%	0.013%
48	8.636	2257	2269	2289	rBV	411053	715608	45.81%	4.401%
49	8.832	2320	2330	2344	rVB4	8390	16331	1.05%	0.100%
50	8.890	2344	2348	2355	rVB5	1387	1685	0.11%	0.010%
51	8.951	2363	2367	2369	rBV4	871	764	0.05%	0.005%
52	9.079	2397	2407	2414	rBV8	2472	4958	0.32%	0.030%
53	9.166	2427	2434	2442	rBV5	1293	1863	0.12%	0.011%
54	9.243	2452	2458	2460	rBV2	611	569	0.04%	0.003%
55	9.343	2475	2489	2501	rBV2	45656	83345	5.34%	0.513%
56	9.420	2501	2513	2527	rBV	481103	786531	50.35%	4.838%
57	9.610	2563	2572	2581	rBV6	3669	6499	0.42%	0.040%
58	9.693	2589	2598	2602	rBV6	2044	2478	0.16%	0.015%
59	9.735	2606	2611	2613	rBV2	1511	1566	0.10%	0.010%
60	9.819	2631	2637	2649	rVB6	3173	4618	0.30%	0.028%
61	9.893	2655	2660	2664	rVB4	454	423	0.03%	0.003%
62	9.980	2680	2687	2692	rBV3	536	606	0.04%	0.004%
63	10.031	2695	2703	2712	rVV5	1785	3001	0.19%	0.018%
64	10.089	2716	2721	2731	rVB5	2051	3405	0.22%	0.021%
65	10.256	2761	2773	2774	rBV4	2492	3229	0.21%	0.020%
66	10.330	2791	2796	2804	rBV6	1287	1937	0.12%	0.012%
67	10.488	2841	2845	2853	rVB4	1681	2061	0.13%	0.013%
68	10.549	2854	2864	2870	rBV4	4153	7464	0.48%	0.046%
69	10.671	2896	2902	2912	rBV4	6142	8237	0.53%	0.051%
70	10.761	2918	2930	2949	rVB	412197	659018	42.19%	4.053%
71	10.861	2955	2961	2968	rBV6	1795	2888	0.18%	0.018%
72	11.008	3001	3007	3009	rBV2	622	470	0.03%	0.003%
73	11.073	3022	3027	3031	rBV2	521	429	0.03%	0.003%
74	11.099	3031	3035	3036	rBV2	485	352	0.02%	0.002%
75	11.111	3037	3039	3042	rBV2	561	319	0.02%	0.002%
76	11.198	3062	3066	3067	rBV2	594	326	0.02%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

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\SFAMULM092321WMA.M
Title : VOC Analysis

77	11.375	3116	3121	3122	rBV2	559	299	0.02%	0.002%
78	11.391	3122	3126	3131	rVB3	749	906	0.06%	0.006%
79	11.462	3139	3148	3160	rVB3	3347	5519	0.35%	0.034%
80	11.517	3163	3165	3173	rVB4	615	678	0.04%	0.004%
81	11.581	3180	3185	3189	rBV3	860	860	0.06%	0.005%
82	11.645	3192	3205	3214	rBV5	4713	7726	0.49%	0.048%
83	11.703	3215	3223	3228	rBV5	1626	2486	0.16%	0.015%
84	11.816	3245	3258	3274	rBV	474053	734063	46.99%	4.515%
85	12.015	3317	3320	3326	rVB2	812	780	0.05%	0.005%
86	12.098	3341	3346	3357	rVB2	5114	7218	0.46%	0.044%
87	12.195	3357	3376	3391	rBV	555919	891646	57.08%	5.484%
88	12.336	3413	3420	3425	rVB6	1323	1624	0.10%	0.010%
89	12.404	3438	3441	3447	rVB3	870	720	0.05%	0.004%
90	12.549	3482	3486	3488	rBV3	680	519	0.03%	0.003%
91	12.635	3510	3513	3522	rVB4	802	1200	0.08%	0.007%
92	12.716	3533	3538	3543	rBV3	1100	1083	0.07%	0.007%
93	12.767	3546	3554	3560	rVB4	1971	2781	0.18%	0.017%
94	12.867	3577	3585	3596	rVB3	6044	8499	0.54%	0.052%
95	13.118	3655	3663	3670	rBV2	5212	7005	0.45%	0.043%
96	13.330	3721	3729	3742	rVB2	7475	10167	0.65%	0.063%
97	13.754	3857	3861	3865	rBV3	334	318	0.02%	0.002%
98	13.886	3895	3902	3919	rVB5	3026	5083	0.33%	0.031%
99	14.877	4207	4210	4217	rVB4	944	958	0.06%	0.006%
100	15.176	4296	4303	4312	rBV	1820	2619	0.17%	0.016%

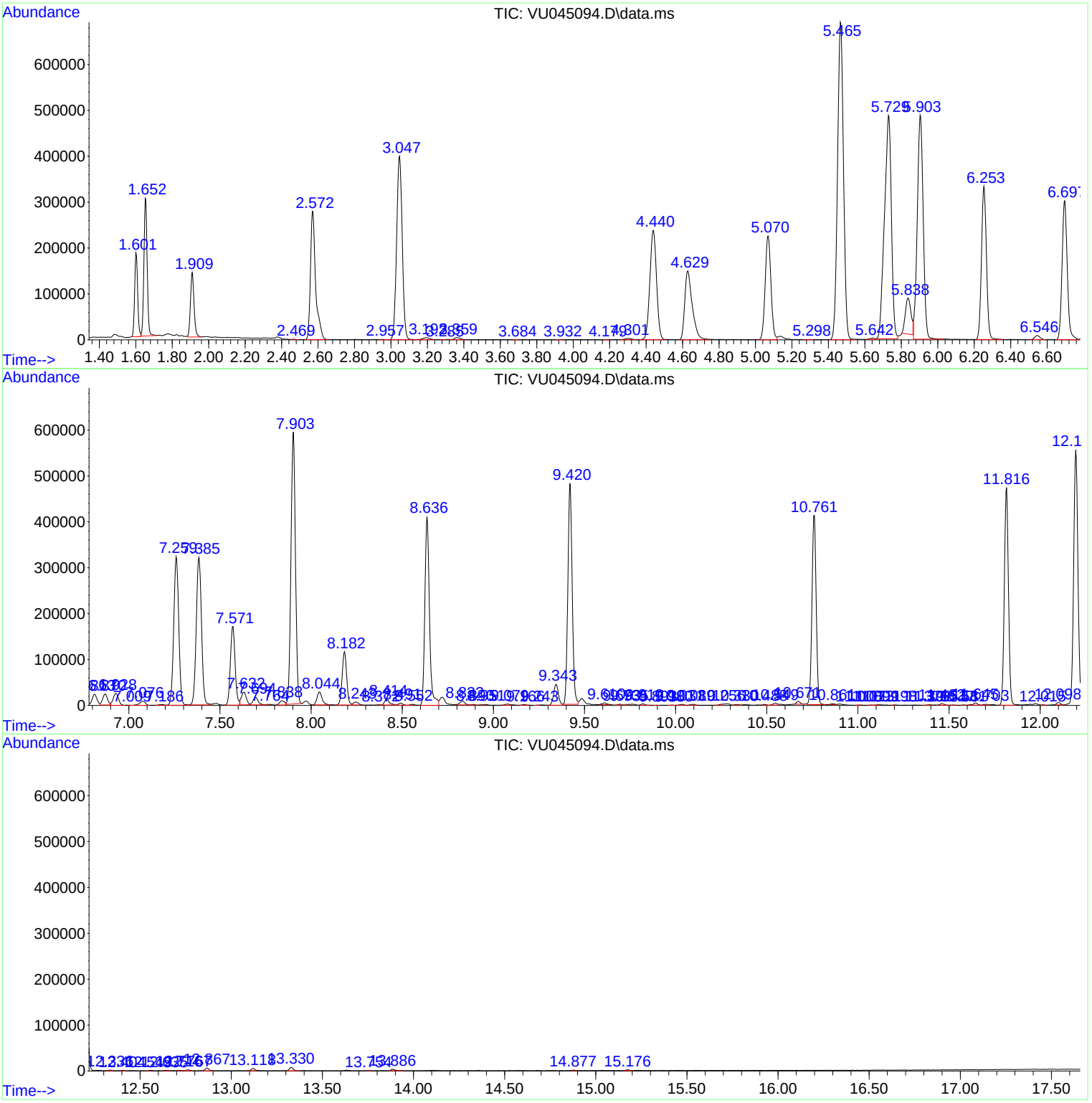
Sum of corrected areas: 16258717

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4A13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

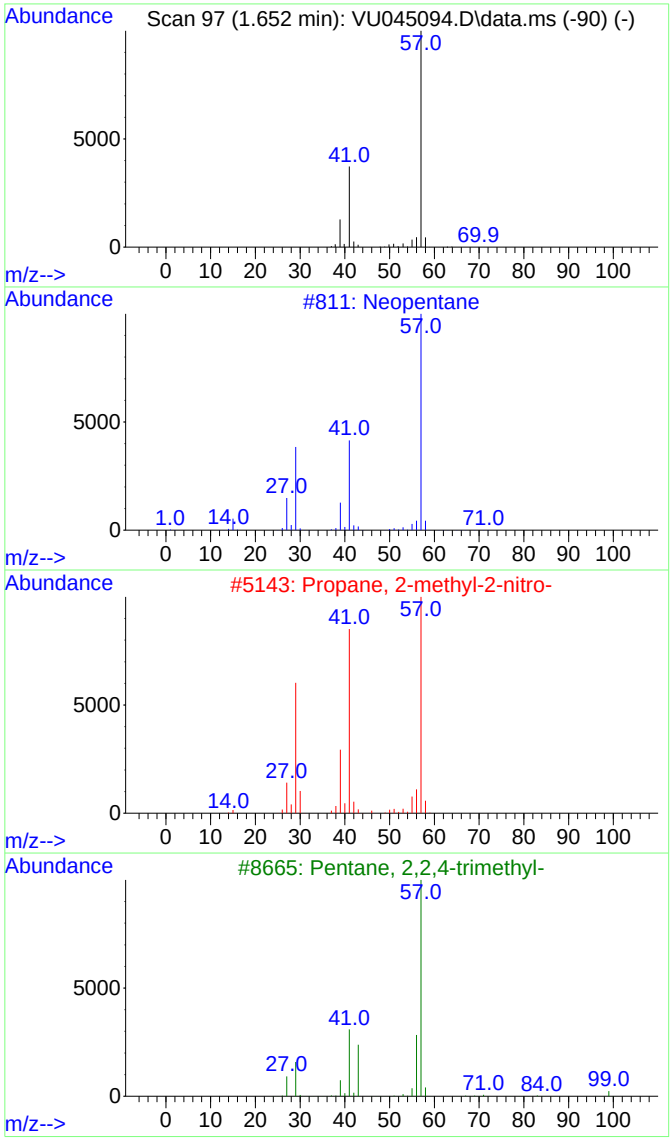
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

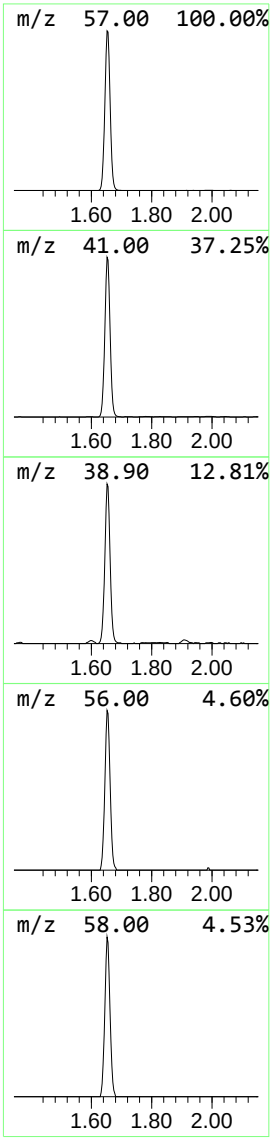
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.652	29.36 ug/L	370529	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentane	72	C5H12	000463-82-1	72
2	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	38
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	36
4	Butane, 2-bromo-	136	C4H9Br	000078-76-2	36
5	Propane, 2-[(1,1-dimethylethyl)s...	178	C8H18O2S	001886-75-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

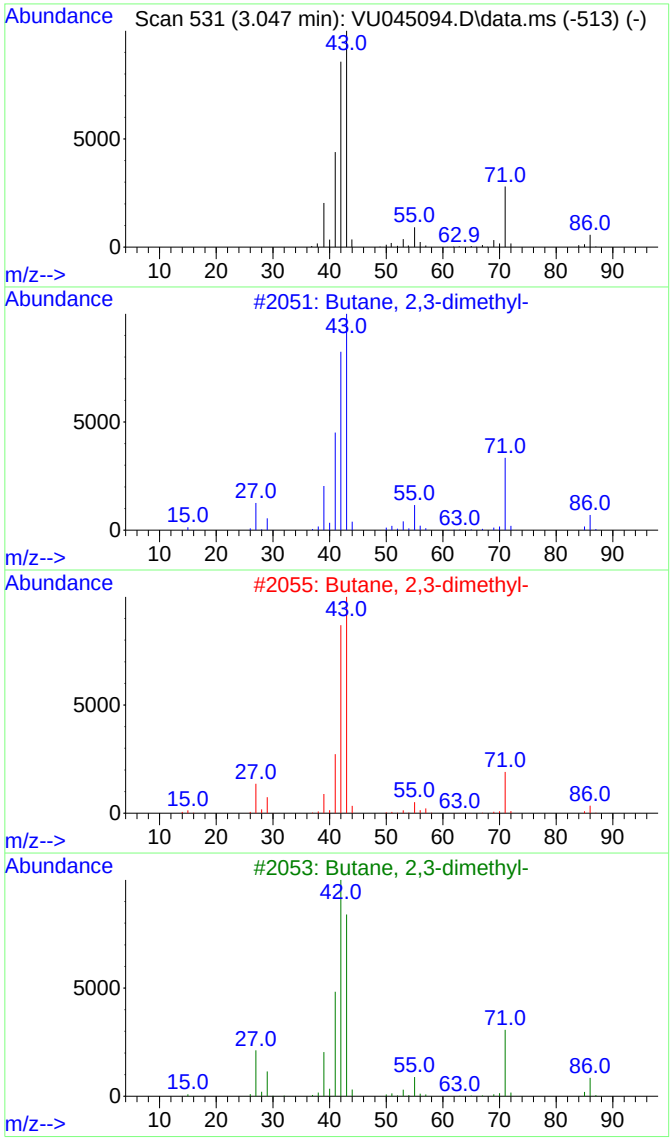
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

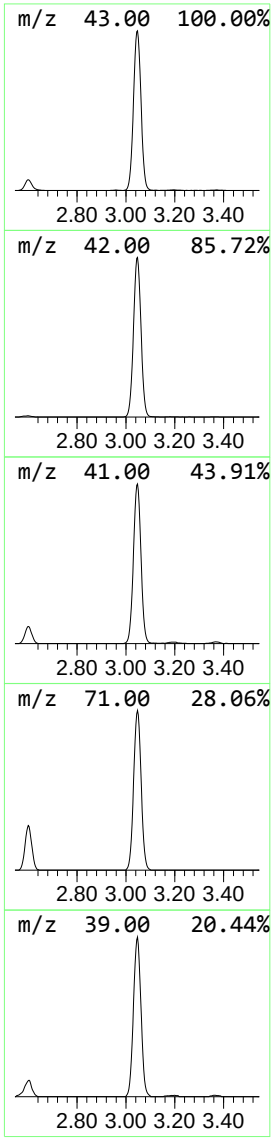
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.047	67.77 ug/L	855190	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

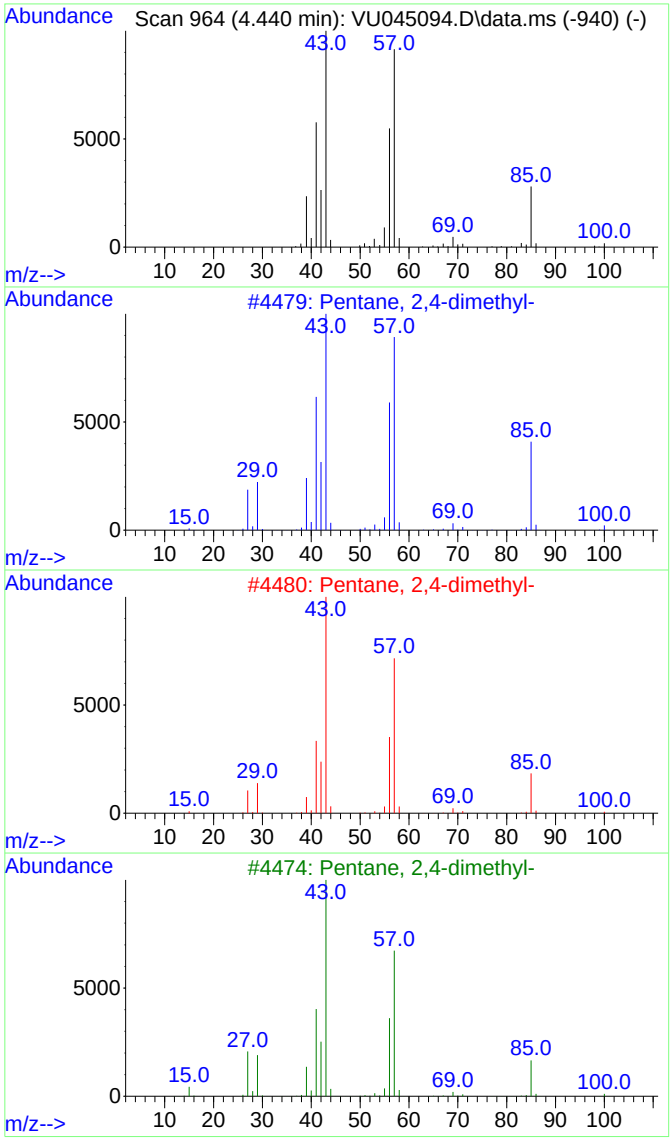
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

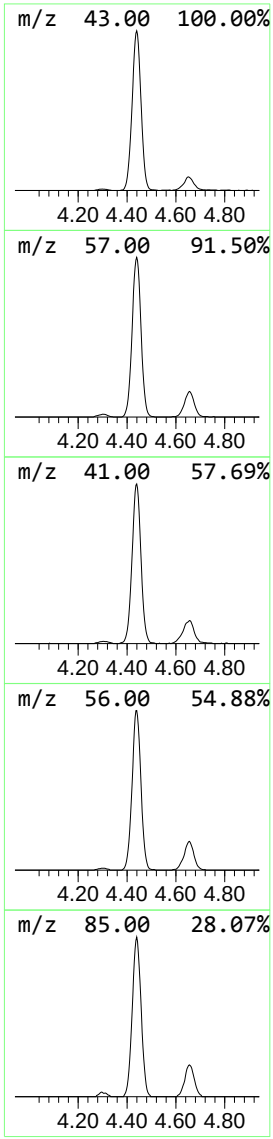
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.440	47.86 ug/L	603991	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

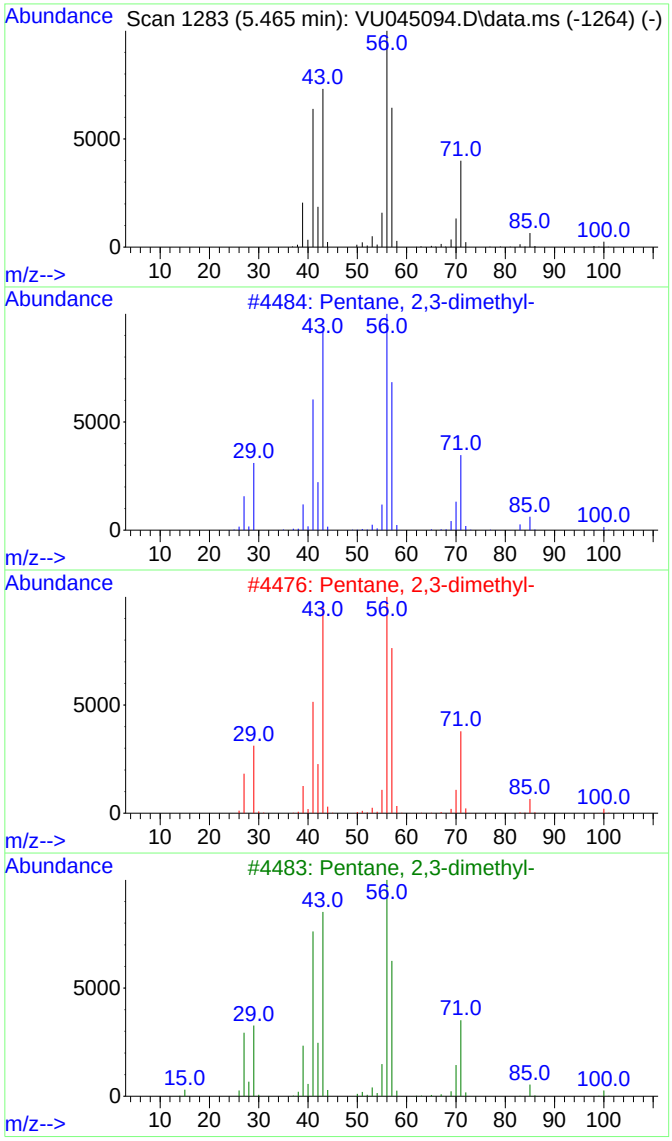
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

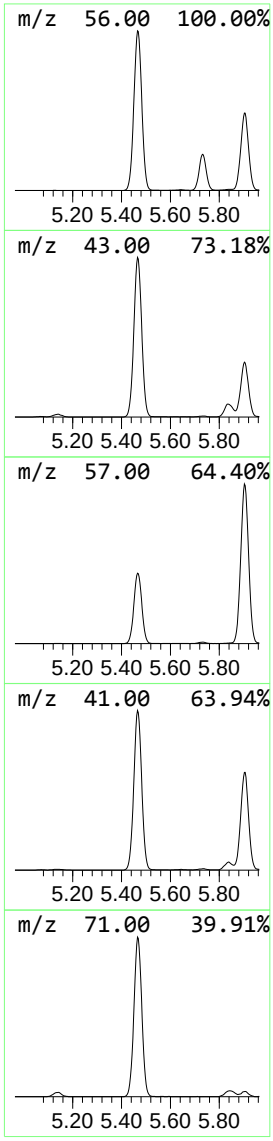
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.465	123.79 ug/L	1562180	1,4-Difluorobenzene	6.253

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	90
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

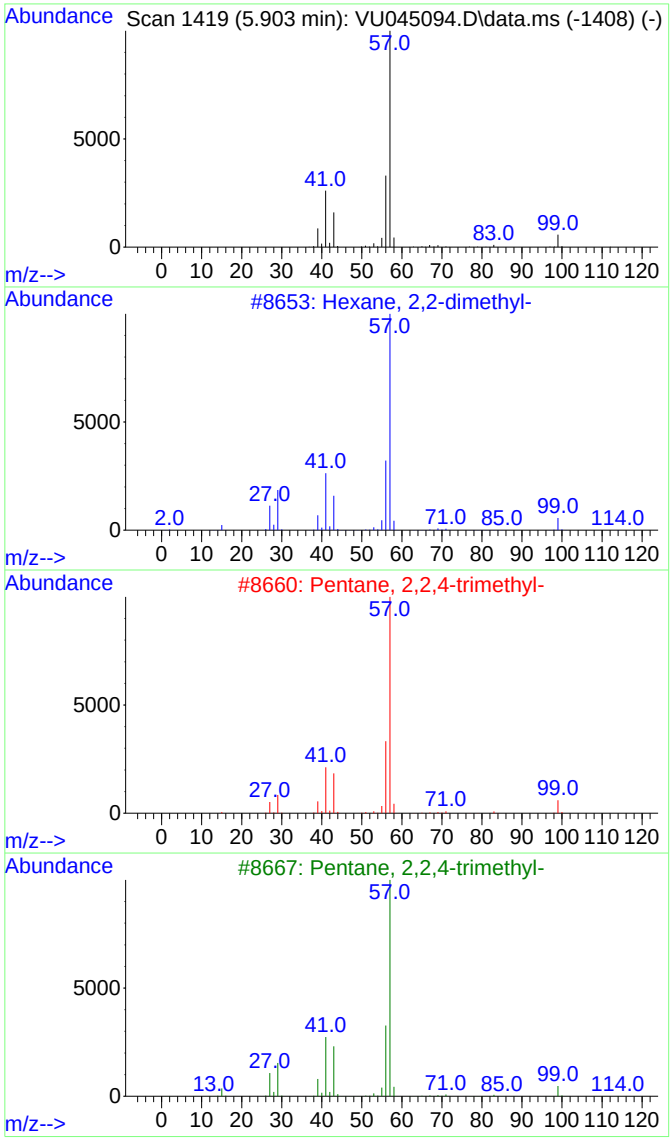
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

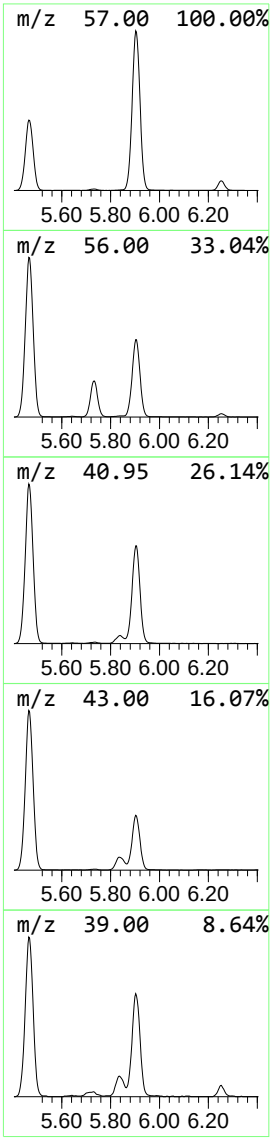
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.903	87.11 ug/L	1099260	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

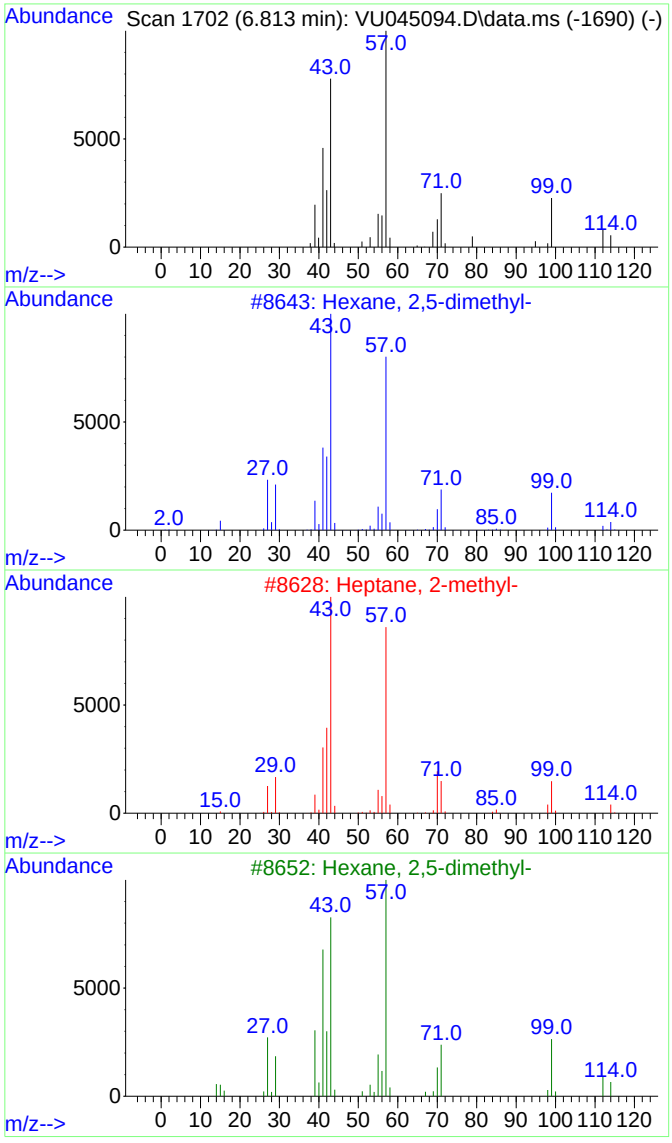
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

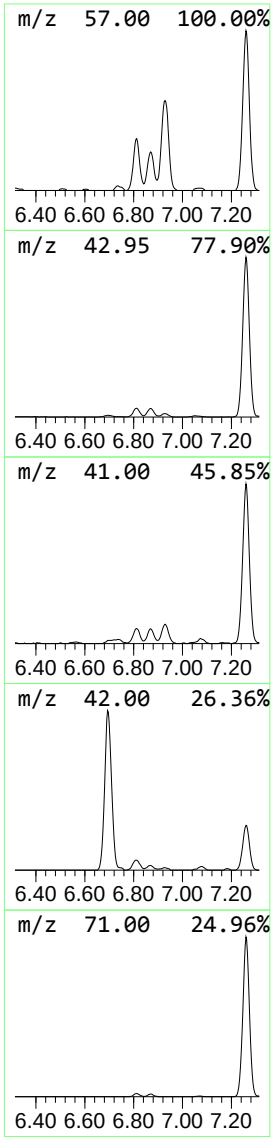
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.813	3.52 ug/L	44449	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	91
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	80
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	62
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

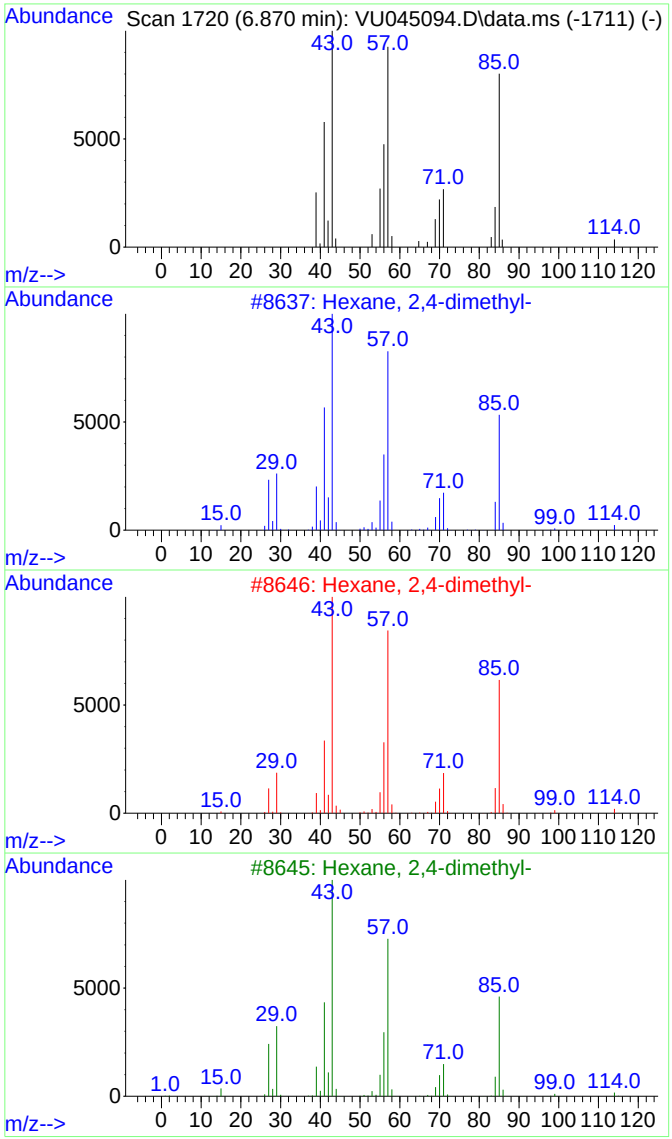
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

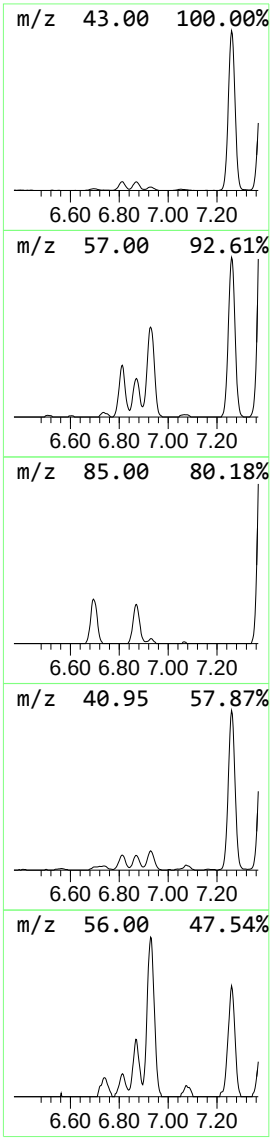
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.870	3.57 ug/L	45033	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	94
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	87
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	86
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	86
5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

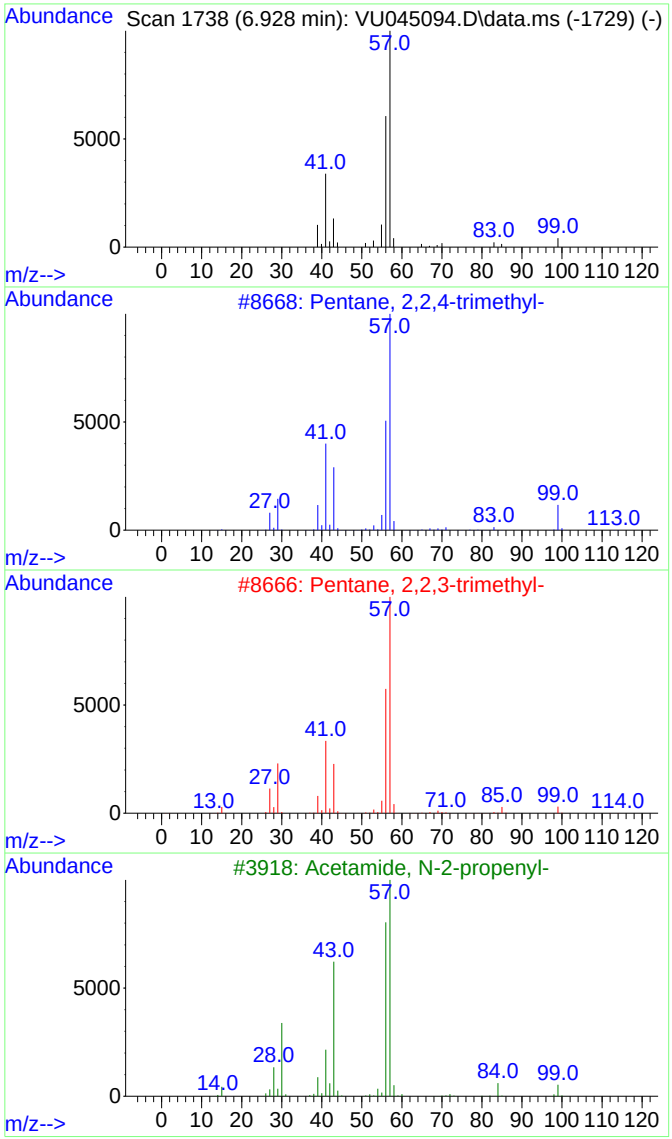
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

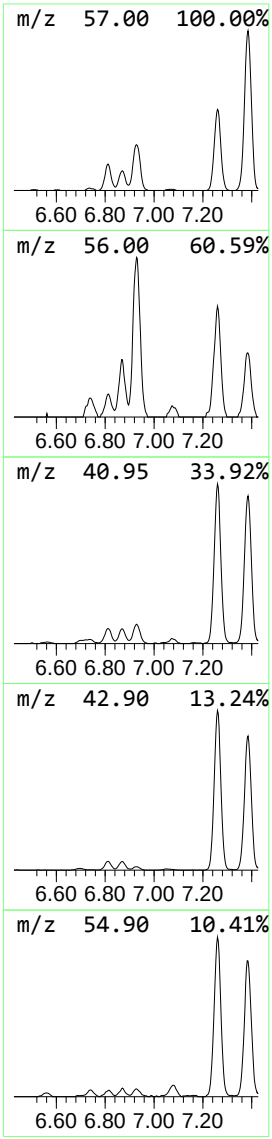
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.928	4.19 ug/L	52862	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	72
3	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	72
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	56
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

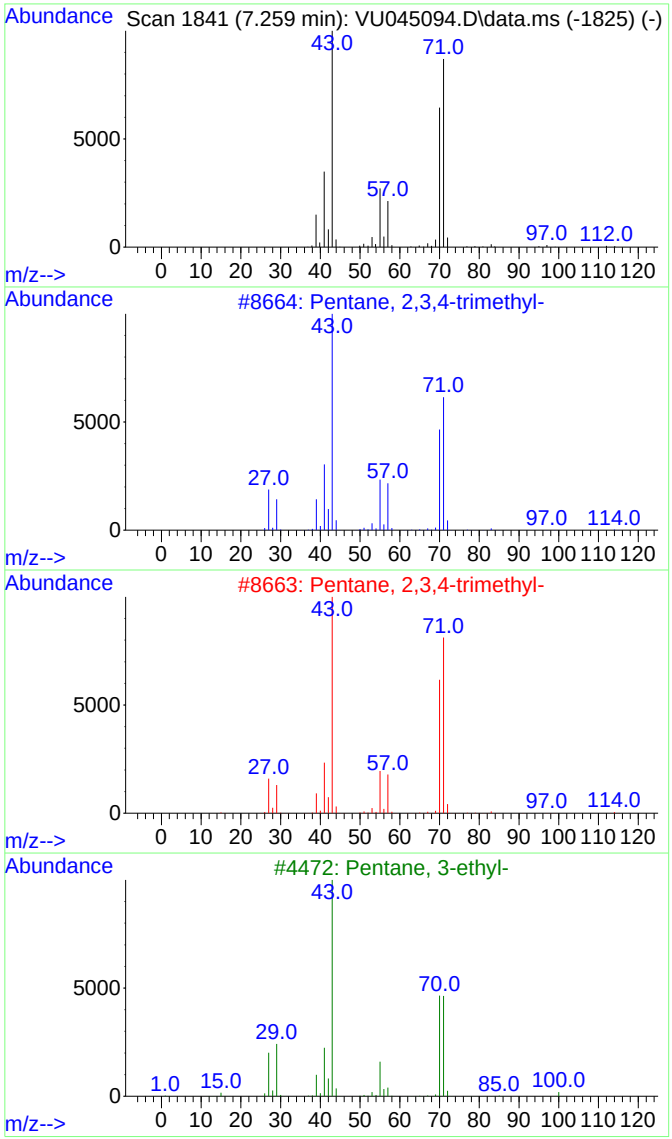
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

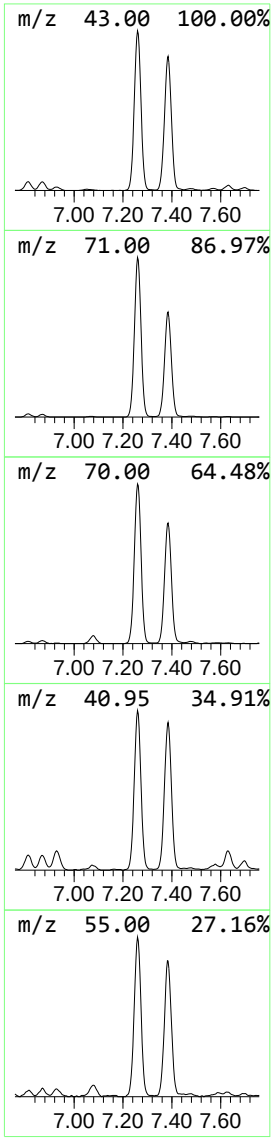
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.259	48.96 ug/L	617913	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

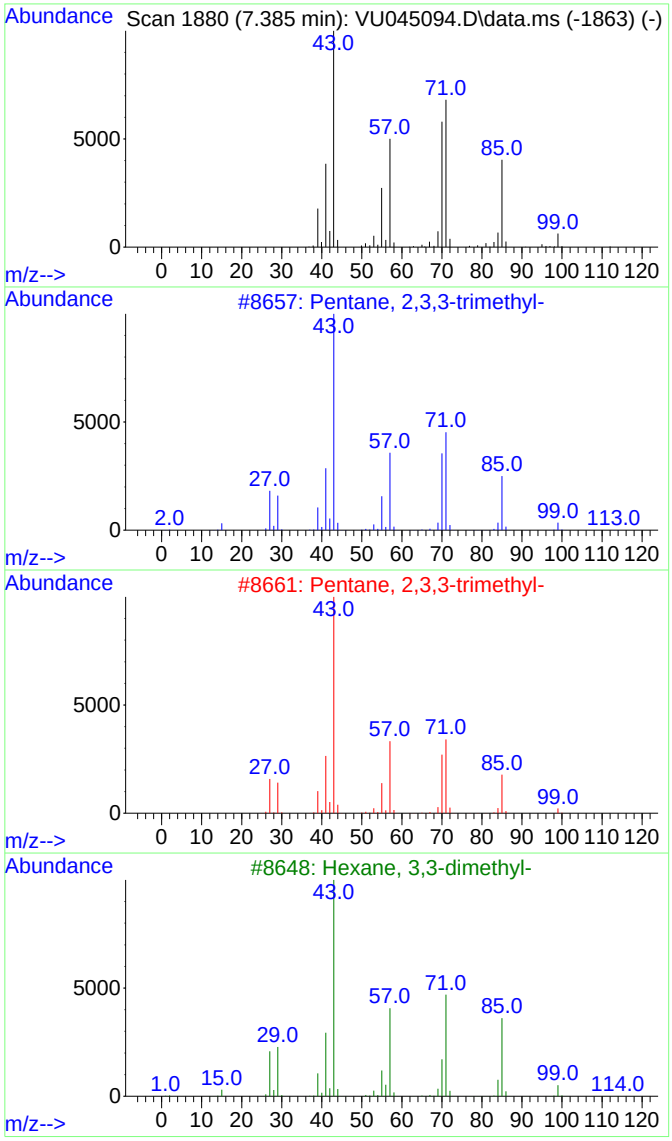
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

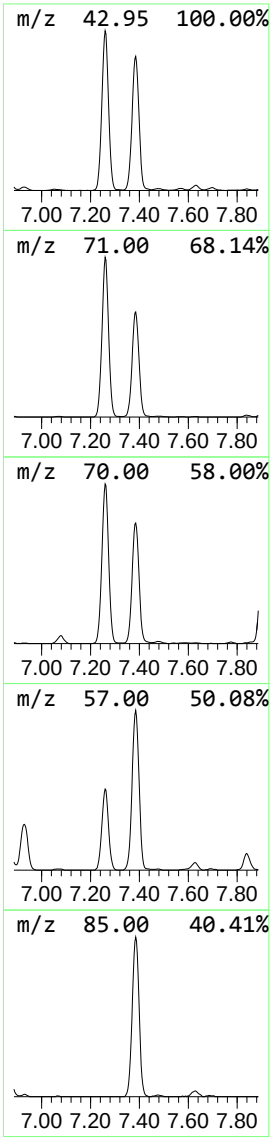
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.385	50.84 ug/L	641575	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

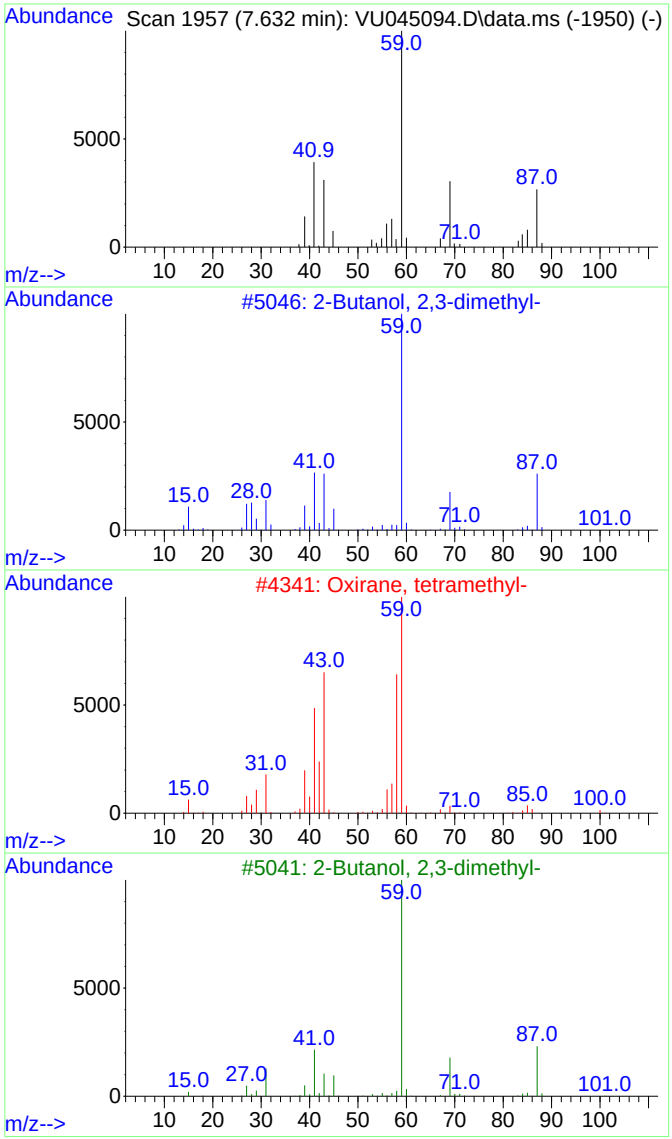
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

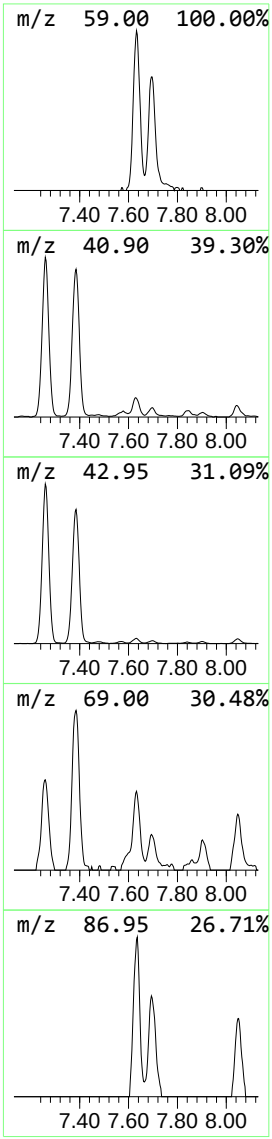
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Butanol, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.632	3.98 ug/L	50219	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
2	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	64
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
4	HEX-5-EN-3-OL	100	C6H12O	000688-99-3	50
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

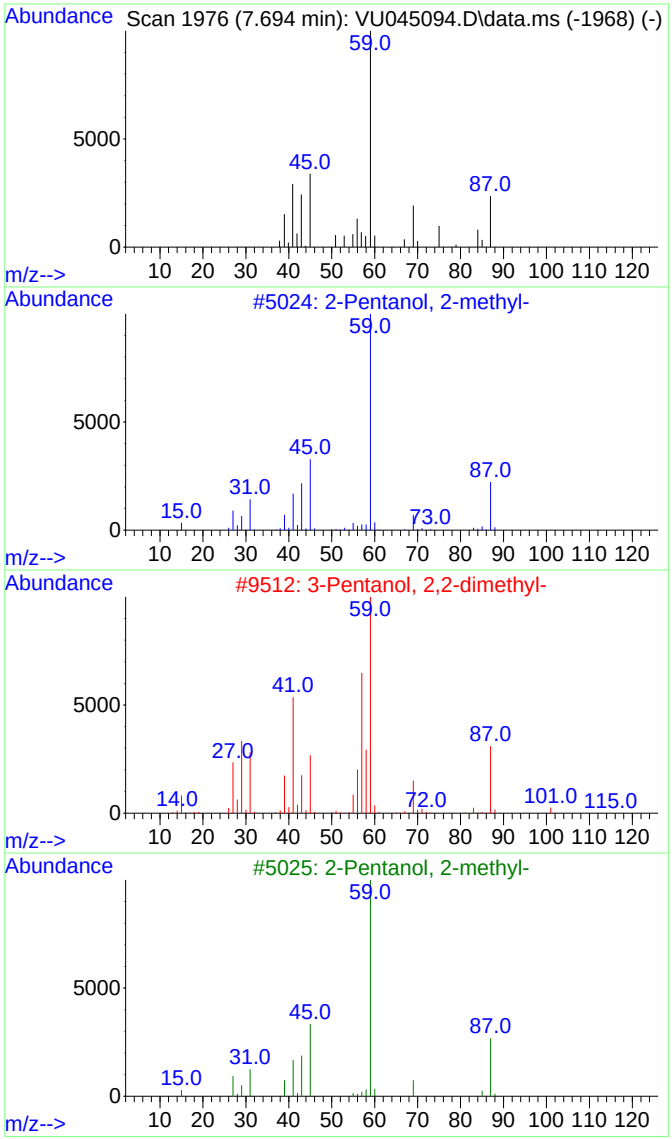
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

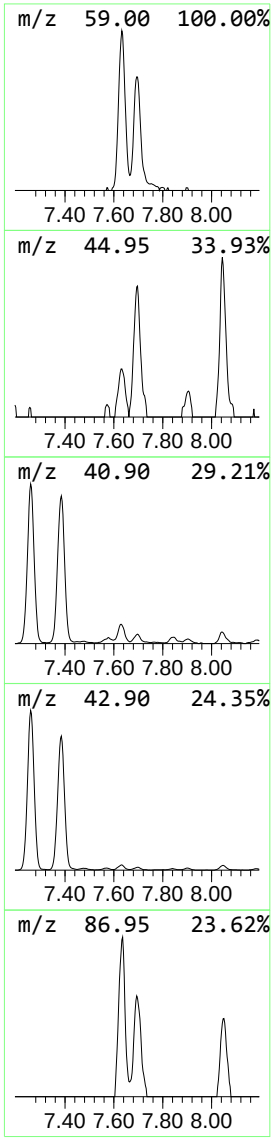
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Pentanol, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.694	2.54 ug/L	32055	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64
2	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	50
3	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	50
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	43
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

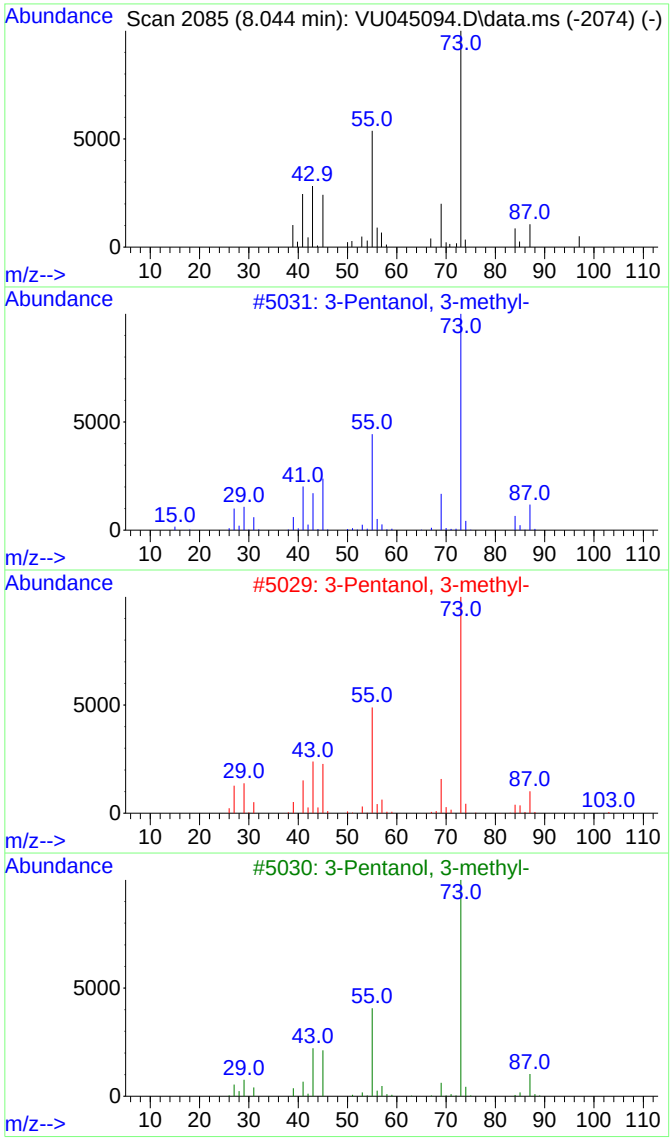
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

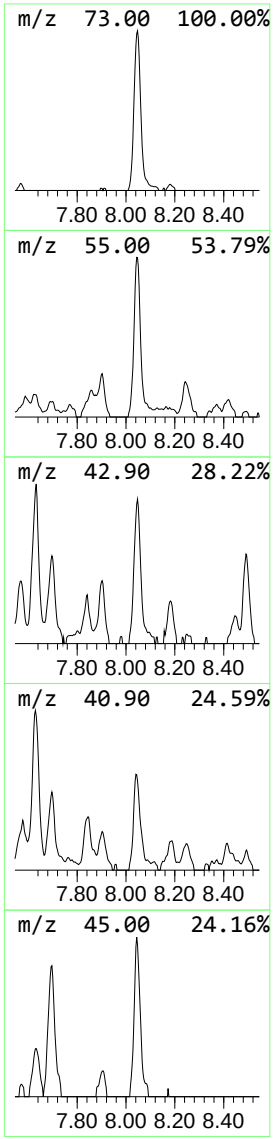
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 3-Pentanol, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.044	3.46 ug/L	54413	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	64
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	59
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	53
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	47
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

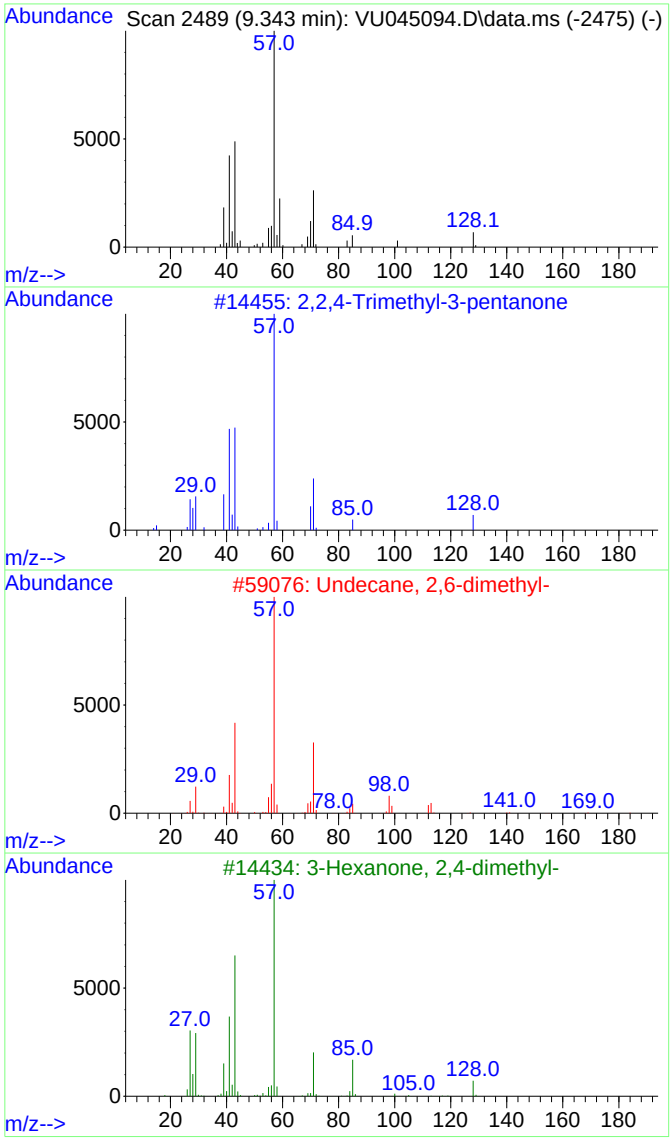
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

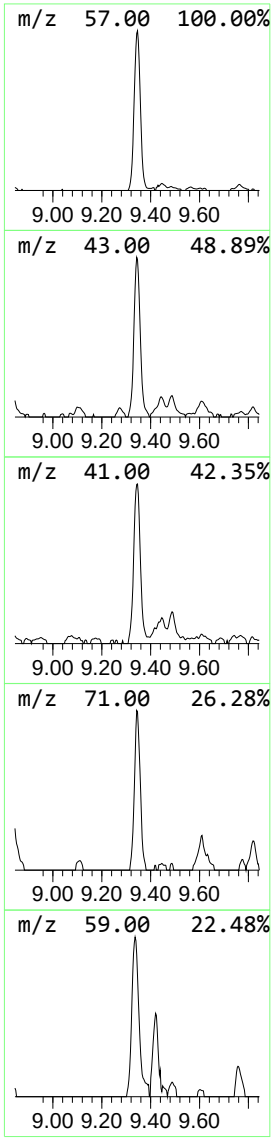
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,2,4-Trimethyl-3-pentanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.343	5.30 ug/L	83345	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-3-pentanone	128	C8H16O	005857-36-3	60
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
3	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	49
4	Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	47
5	Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045094.D
Acq On : 04 Oct 2021 14:25
Operator : SY/MD
Sample : M3996-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4A13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.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	29.4	ug/L	370529	1	6.253	630980	50.0
(DEL) Alkane: S...	3.047	67.8	ug/L	855190	1	6.253	630980	50.0
(DEL) Alkane: S...	4.440	47.9	ug/L	603991	1	6.253	630980	50.0
(DEL) Alkane: S...	5.465	123.8	ug/L	1562180	1	6.253	630980	50.0
(DEL) Alkane: S...	5.903	87.1	ug/L	1099260	1	6.253	630980	50.0
(DEL) Alkane: S...	6.813	3.5	ug/L	44449	1	6.253	630980	50.0
(DEL) Alkane: S...	6.870	3.6	ug/L	45033	1	6.253	630980	50.0
(DEL) Alkane: S...	6.928	4.2	ug/L	52862	1	6.253	630980	50.0
(DEL) Alkane: S...	7.259	49.0	ug/L	617913	1	6.253	630980	50.0
(DEL) Alkane: S...	7.385	50.8	ug/L	641575	1	6.253	630980	50.0
2-Butanol, 2,3-...	7.632	4.0	ug/L	50219	1	6.253	630980	50.0
2-Pentanol, 2-m...	7.694	2.5	ug/L	32055	1	6.253	630980	50.0
3-Pentanol, 3-m...	8.044	3.5	ug/L	54413	2	9.420	786531	50.0
2,2,4-Trimethyl...	9.343	5.3	ug/L	83345	2	9.420	786531	50.0