LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

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_V\Method\SFAMVLM092721WMA.M
Title : VOC Analysis

Signal : TIC: VV022459.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.214	49	54	67	rVB3	17820	20292	2.21%	0.215%
2	1.304	76	82	93	rBV	171529	172860	18.78%	1.832%
3	1.561	154	162	174	rBV	114329	132441	14.39%	1.404%
4	1.629	174	183	199	rVB	153838	195884	21.29%	2.076%
5	1.802	231	237	249	rVB2	18268	25118	2.73%	0.266%
6	2.021	297	305	318	rVB2	15781	23625	2.57%	0.250%
7	2.104	318	331	344	rBV	232576	373962	40.64%	3.963%
8	2.432	428	433	436	rBV3	815	933	0.10%	0.010%
9	2.497	440	453	458	rBV2	53375	103587	11.26%	1.098%
10	2.764	520	536	557	rBV3	161848	349498	37.98%	3.704%
11	3.043	609	623	638	rVB5	5620	12802	1.39%	0.136%
12	3.268	684	693	708	rVB6	4149	9484	1.03%	0.101%
13	3.365	710	723	738	rBV8	5321	12910	1.40%	0.137%
14	3.548	771	780	782	rBV5	1382	2407	0.26%	0.026%
15	3.667	804	817	831	rVB3	16137	38460	4.18%	0.408%
16	3.760	833	846	864	rVV3	42802	105714	11.49%	1.120%
17	3.873	872	881	912	rVB	86169	220793	23.99%	2.340%
18	4.349	1012	1029	1057	rBV	143215	374410	40.69%	3.968%
19	4.677	1114	1131	1145	rBV5	49539	126932	13.79%	1.345%
20	4.767	1147	1159	1180	rVB3	52961	140123	15.23%	1.485%
21	4.915	1190	1205	1229	rBV6	16912	59983	6.52%	0.636%
22	5.046	1229	1246	1258	rBV2	360088	920222	100.00%	9.753%
23	5.490	1374	1384	1401	rVB10	3550	8368	0.91%	0.089%
24	5.619	1411	1424	1461	rBV	274821	594782	64.63%	6.304%
25	5.844	1484	1494	1499	rBV7	2525	4600	0.50%	0.049%
26	6.069	1550	1564	1579	rBV	200285	444430	48.30%	4.710%
27	6.259	1615	1623	1631	rBV5	7529	12898	1.40%	0.137%
28	6.365	1650	1656	1670	rVB8	5357	11365	1.24%	0.120%
29	6.461	1676	1686	1697	rVB8	5995	12745	1.38%	0.135%
30	6.551	1701	1714	1715	rBV6	2909	4152	0.45%	0.044%
31	6.654	1734	1746	1768	rVB2	48475	101932	11.08%	1.080%
32	6.776	1768	1784	1799	rBV2	65117	148295	16.12%	1.572%
33	6.989	1837	1850	1867	rBV	103341	196995	21.41%	2.088%
34	7.268	1923	1937	1941	rBV8	11533	20811	2.26%	0.221%
35	7.316	1942	1952	1970	rVB	417027	723758	78.65%	7.671%
36	7.497	2000	2008	2021	rVB4	8851	17109	1.86%	0.181%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

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_V\Method\SFAMVLM092721WMA.M
Title : VOC Analysis

37	7.622	2039	2047	2069	rVB2	66545	127762	13.88%	1.354%
38	7.789	2082	2099	2108	rBV4	9663	20671	2.25%	0.219%
39	7.847	2108	2117	2136	rVB3	13286	24430	2.65%	0.259%
40	7.934	2136	2144	2153	rBV4	6597	10437	1.13%	0.111%
41	8.030	2171	2174	2182	rVB4	948	877	0.10%	0.009%
42	8.088	2182	2192	2207	rBV	248463	434423	47.21%	4.604%
43	8.169	2210	2217	2228	rVB	60804	106108	11.53%	1.125%
44	8.516	2316	2325	2332	rVV7	4480	7853	0.85%	0.083%
45	8.628	2352	2360	2372	rVB4	9818	15566	1.69%	0.165%
46	8.725	2382	2390	2397	rBV2	7145	10482	1.14%	0.111%
47	8.805	2405	2415	2416	rBV5	5953	7311	0.79%	0.077%
48	8.853	2420	2430	2454	rVB	408705	660878	71.82%	7.004%
49	9.075	2490	2499	2500	rBV7	3870	5332	0.58%	0.057%
50	9.140	2514	2519	2531	rVB6	7228	12235	1.33%	0.130%
51	9.223	2531	2545	2556	rBV4	4948	10049	1.09%	0.107%
52	9.439	2604	2612	2615	rBV5	1932	2354	0.26%	0.025%
53	9.474	2621	2623	2632	rVB6	2343	2233	0.24%	0.024%
54	9.551	2640	2647	2653	rVV6	2741	3742	0.41%	0.040%
55	9.680	2683	2687	2691	rBV7	1158	1134	0.12%	0.012%
56	9.731	2693	2703	2716	rVV4	8253	17769	1.93%	0.188%
57	9.792	2716	2722	2724	rBV5	1923	1987	0.22%	0.021%
58	9.847	2731	2739	2750	rVB7	3983	7718	0.84%	0.082%
59	9.934	2750	2766	2776	rBV3	7857	15702	1.71%	0.166%
60	9.998	2776	2786	2798	rBV3	17107	28268	3.07%	0.300%
61	10.094	2810	2816	2822	rVV7	3140	5593	0.61%	0.059%
62	10.136	2822	2829	2839	rVV3	8816	14457	1.57%	0.153%
63	10.217	2843	2854	2877	rVB	289775	463336	50.35%	4.911%
64	10.326	2885	2888	2892	rBV5	1370	1302	0.14%	0.014%
65	10.403	2908	2912	2922	rVB7	3959	5907	0.64%	0.063%
66	10.529	2944	2951	2952	rBV4	1442	1472	0.16%	0.016%
67	10.693	2996	3002	3003	rBV3	1747	1418	0.15%	0.015%
68	10.741	3010	3017	3027	rVB3	7963	11031	1.20%	0.117%
69	10.918	3062	3072	3082	rVB4	5040	7809	0.85%	0.083%
70	11.059	3108	3116	3121	rBV6	2906	4811	0.52%	0.051%
71	11.091	3123	3126	3136	rVB4	4136	5364	0.58%	0.057%
72	11.188	3147	3156	3164	rBV9	3613	5219	0.57%	0.055%
73	11.252	3164	3176	3193	rBV	409753	646286	70.23%	6.850%
74	11.339	3194	3203	3214	rVB	29116	45570	4.95%	0.483%
75	11.548	3255	3268	3278	rBV4	10167	20351	2.21%	0.216%
76	11.625	3280	3292	3312	rVB	421224	672103	73.04%	7.123%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

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_V\Method\SFAMVLM092721WMA.M
Title : VOC Analysis

77	11.754	3324	3332	3338	rBV7	3867	5463	0.59%	0.058%
78	11.985	3402	3404	3408	rVV4	1261	1026	0.11%	0.011%
79	12.024	3408	3416	3424	rVV2	4242	7151	0.78%	0.076%
80	12.117	3434	3445	3460	rVB	31094	51722	5.62%	0.548%
81	12.278	3489	3495	3496	rBV3	1358	981	0.11%	0.010%
82	12.319	3505	3508	3517	rVB7	2540	2940	0.32%	0.031%
83	12.416	3527	3538	3548	rBV2	12764	19518	2.12%	0.207%
84	12.737	3628	3638	3642	rBV5	1773	2653	0.29%	0.028%
85	12.885	3674	3684	3695	rBV3	29918	47749	5.19%	0.506%
86	12.950	3695	3704	3717	rVB4	9405	14539	1.58%	0.154%
87	13.059	3730	3738	3749	rBV6	3734	5611	0.61%	0.059%
88	13.194	3775	3780	3782	rBV3	1082	896	0.10%	0.009%
89	13.313	3809	3817	3820	rVV5	2295	3188	0.35%	0.034%
90	13.339	3821	3825	3831	rVV2	3237	4088	0.44%	0.043%
91	13.371	3831	3835	3845	rVB7	2678	3250	0.35%	0.034%
92	13.506	3867	3877	3890	rVV2	35084	57236	6.22%	0.607%
93	13.628	3906	3915	3924	rBV	5741	8717	0.95%	0.092%
94	13.773	3955	3960	3964	rBV4	1314	1292	0.14%	0.014%
95	14.088	4051	4058	4060	rBV4	1123	1382	0.15%	0.015%
96	14.155	4066	4079	4084	rBV6	1912	2846	0.31%	0.030%
97	14.236	4097	4104	4105	rBV2	1052	1075	0.12%	0.011%
98	14.290	4115	4121	4125	rBV4	805	935	0.10%	0.010%
99	14.583	4203	4212	4218	rBV7	2890	4303	0.47%	0.046%
100	14.818	4277	4285	4294	rBV	9414	14710	1.60%	0.156%

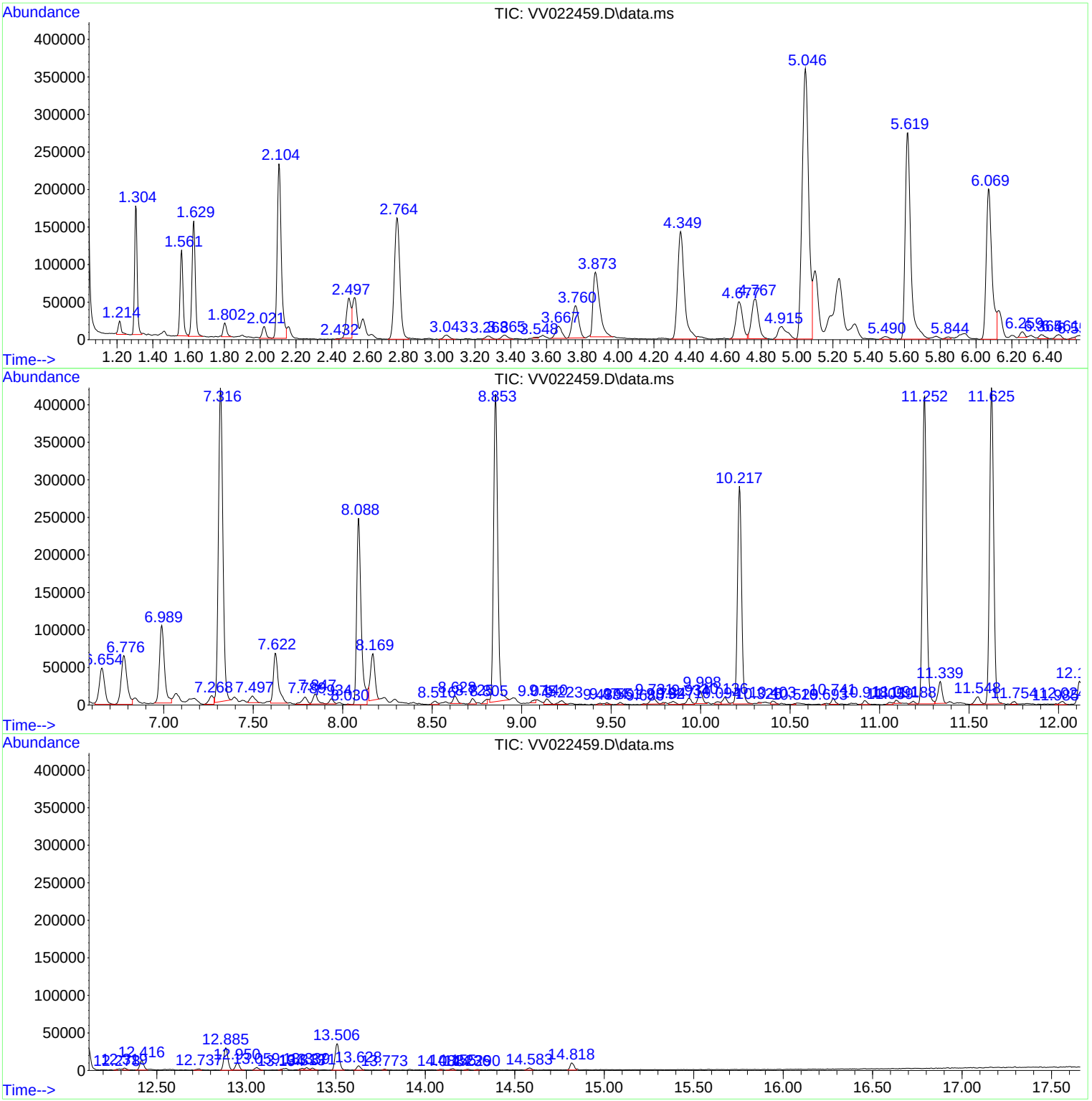
Sum of corrected areas: 9435301

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4A29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

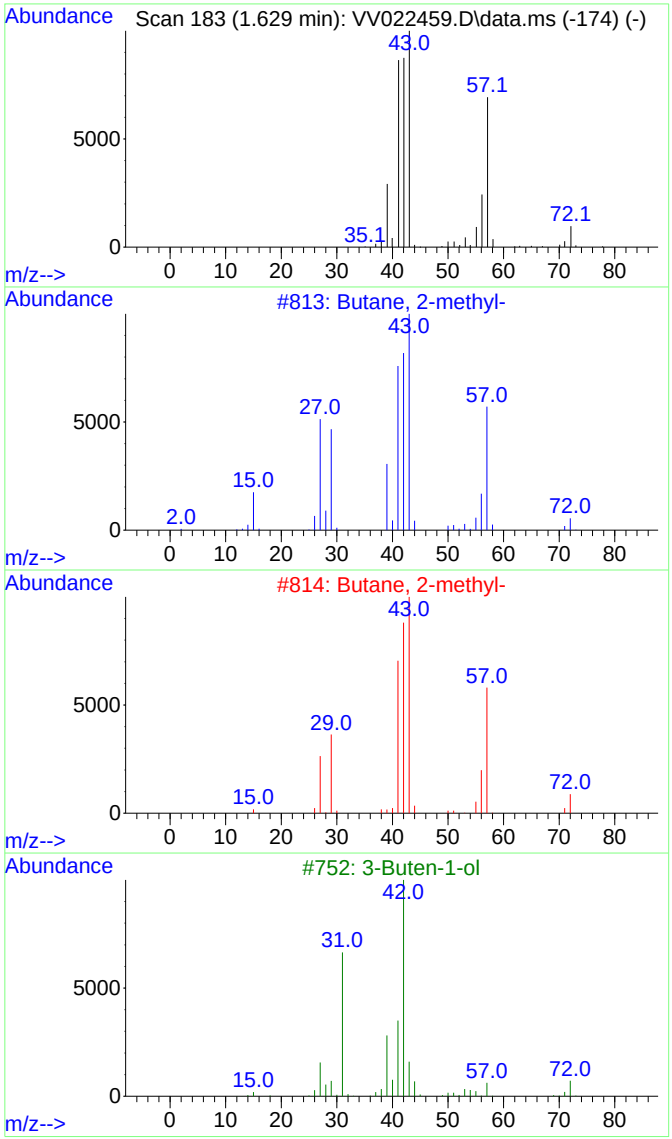
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

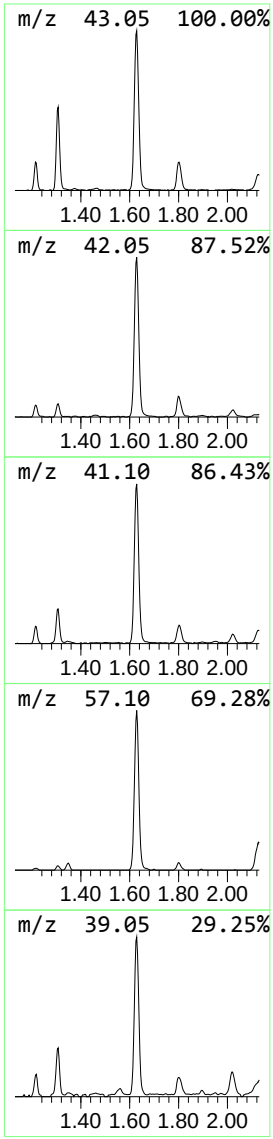
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.629	16.47 ug/L	195884	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Pentane	72	C5H12	000109-66-0	36
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

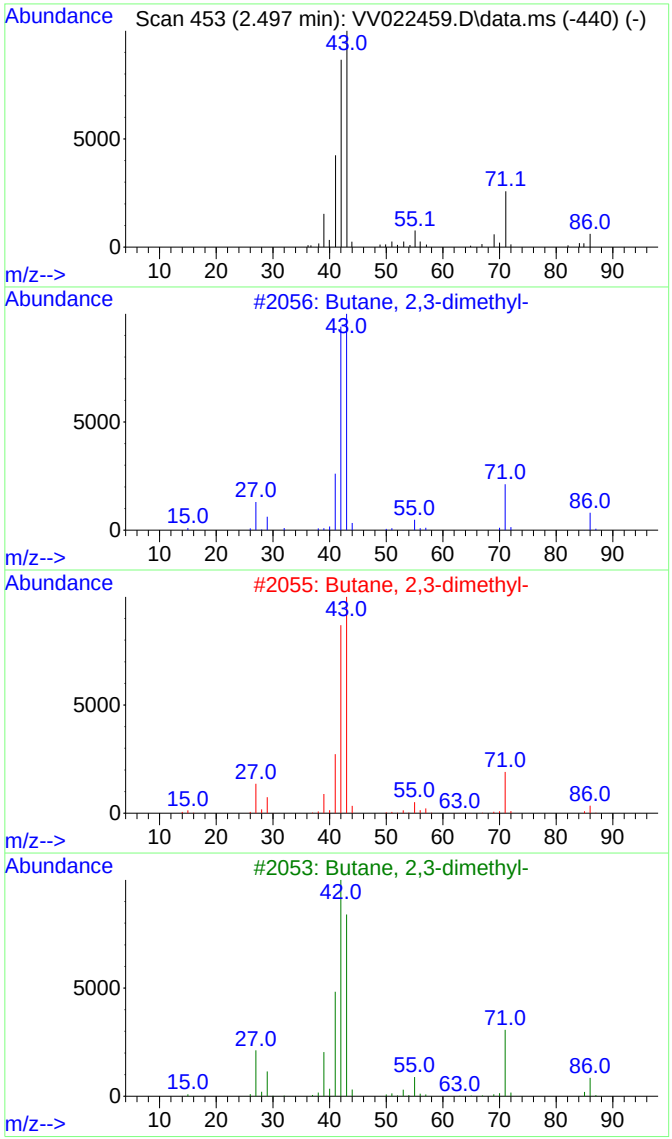
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

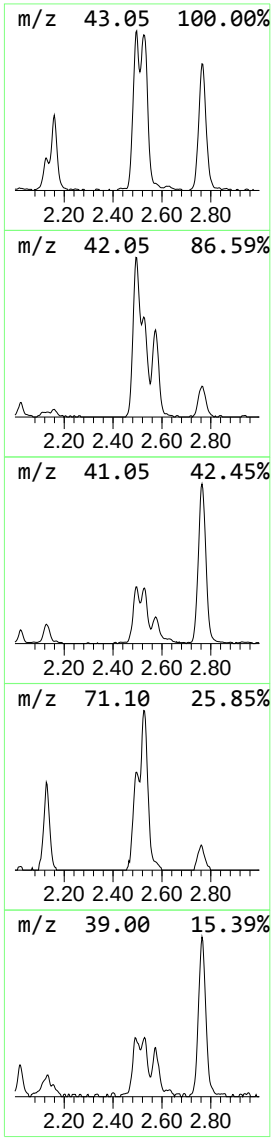
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.497	8.71 ug/L	103587	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	83
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

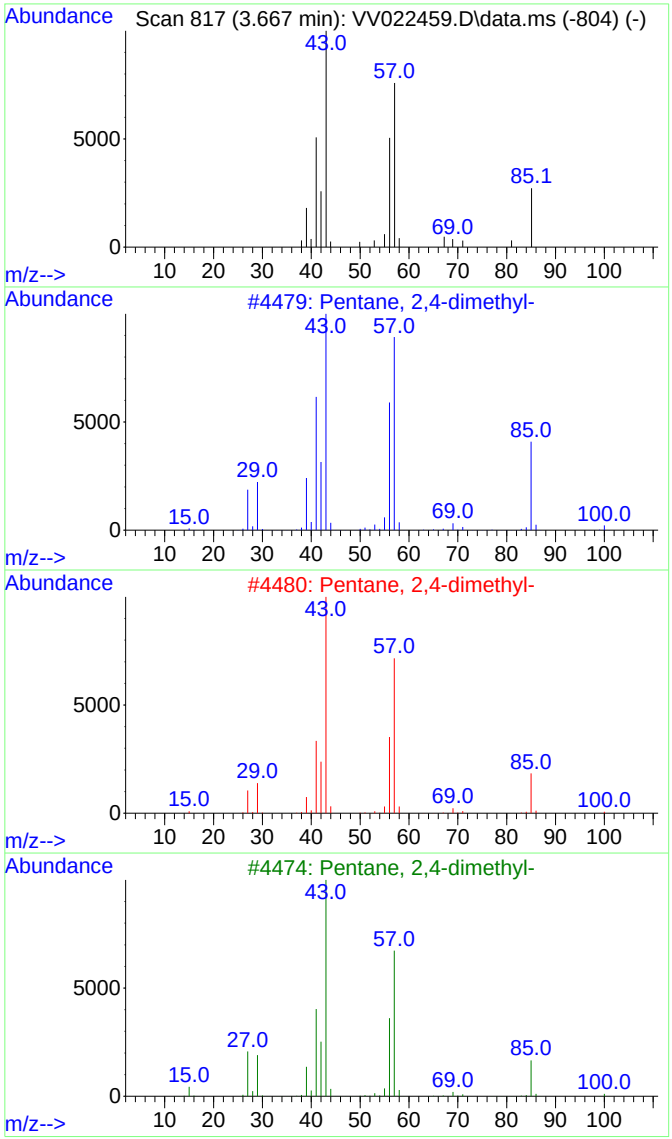
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

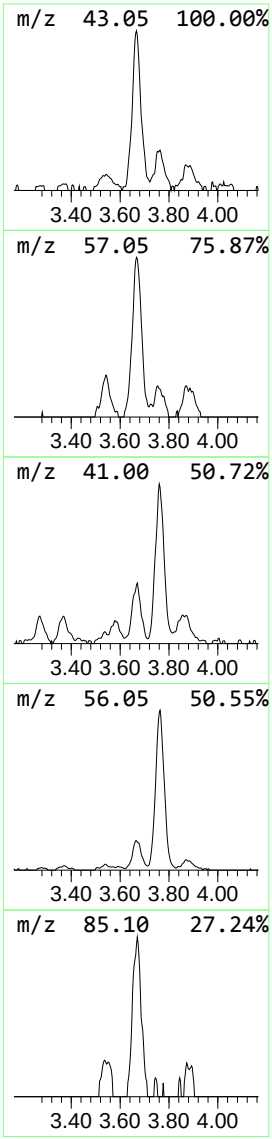
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.667	3.23 ug/L	38460	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

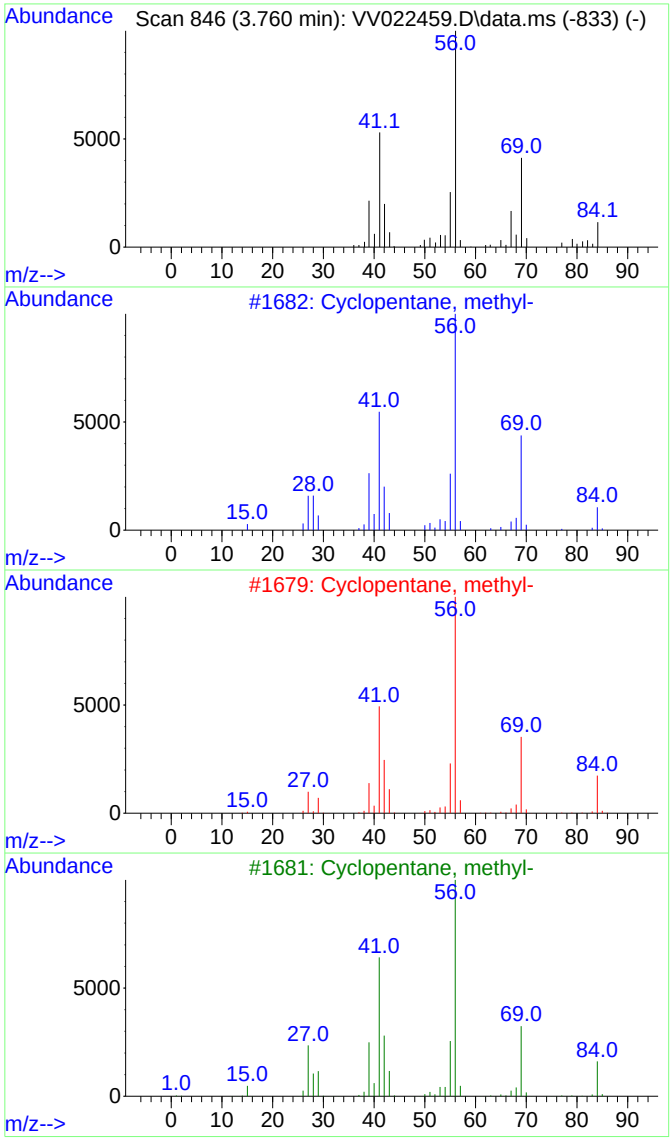
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

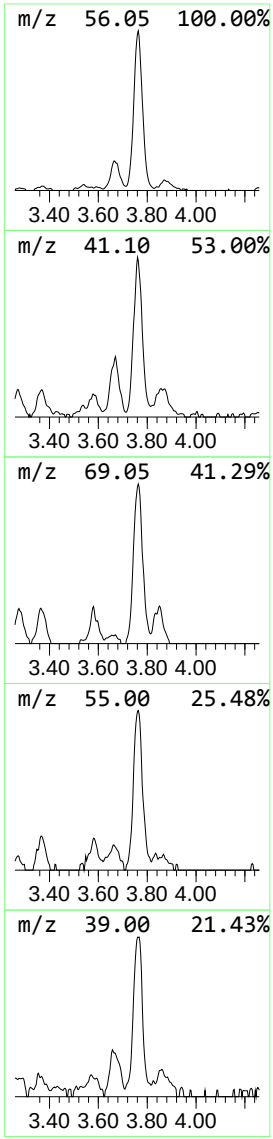
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic3.760 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.760	8.89 ug/L	105714	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

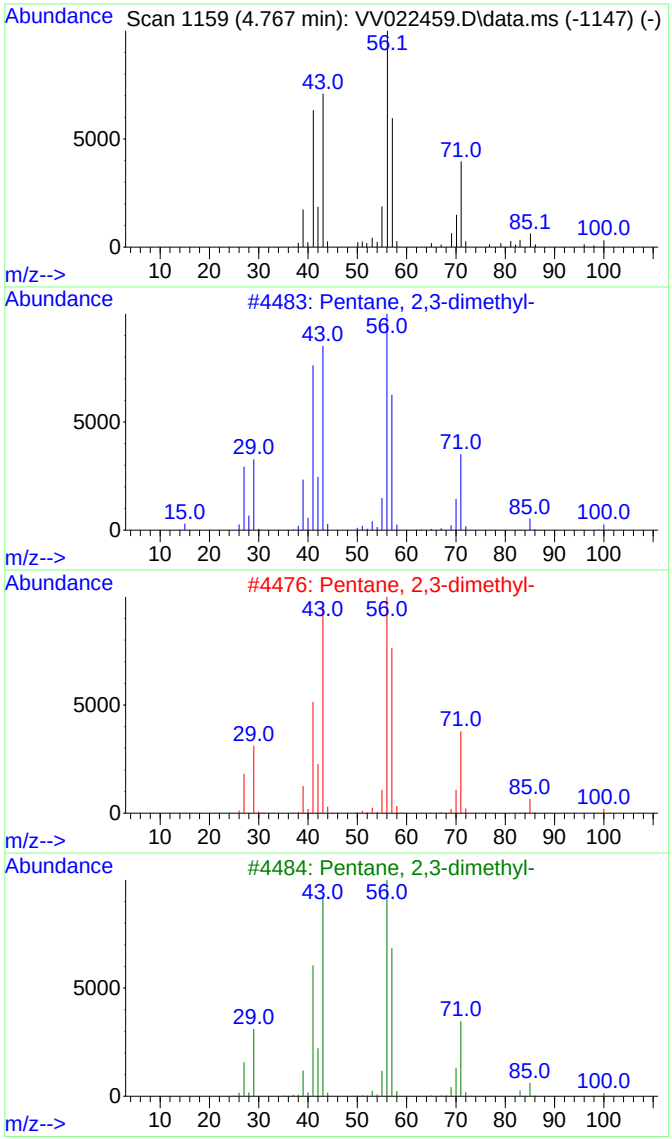
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

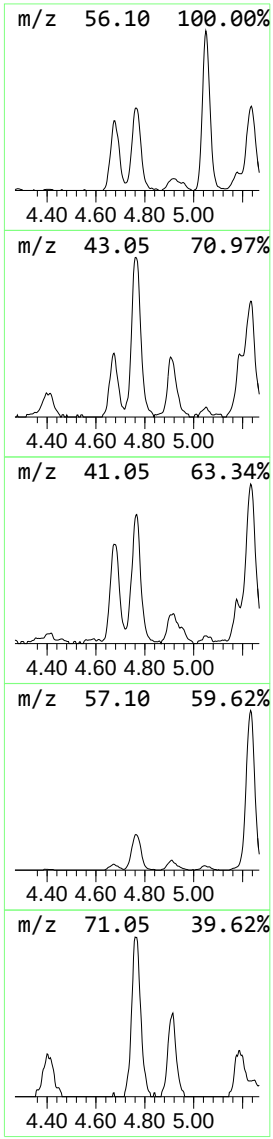
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.767	11.78 ug/L	140123	1,4-Difluorobenzene	5.619

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	74
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

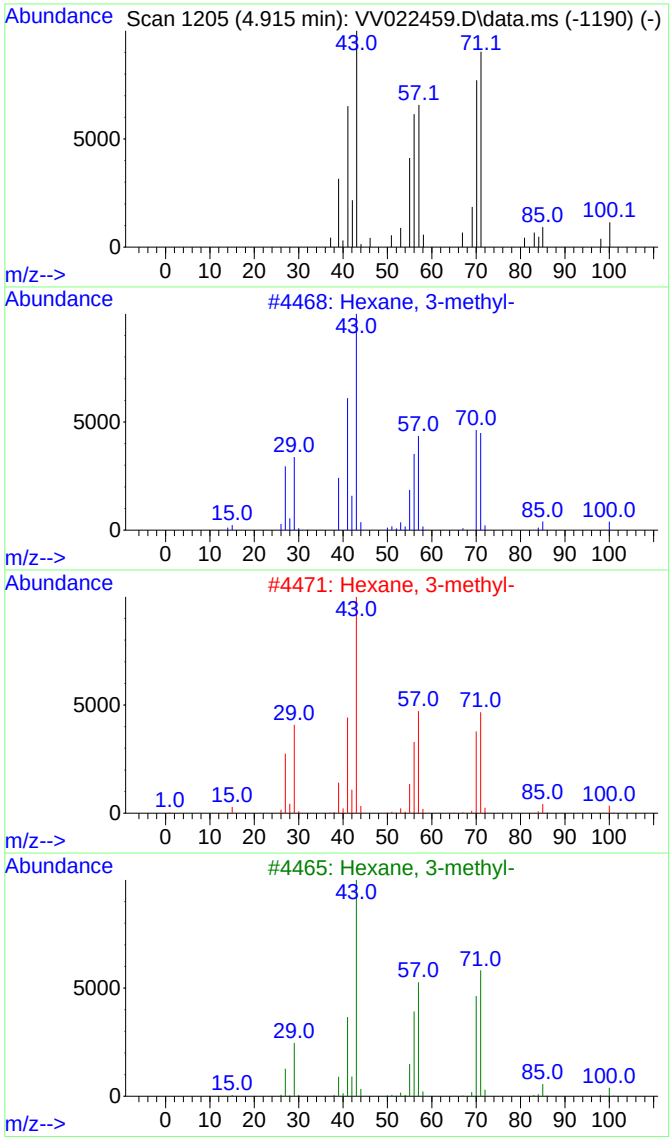
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

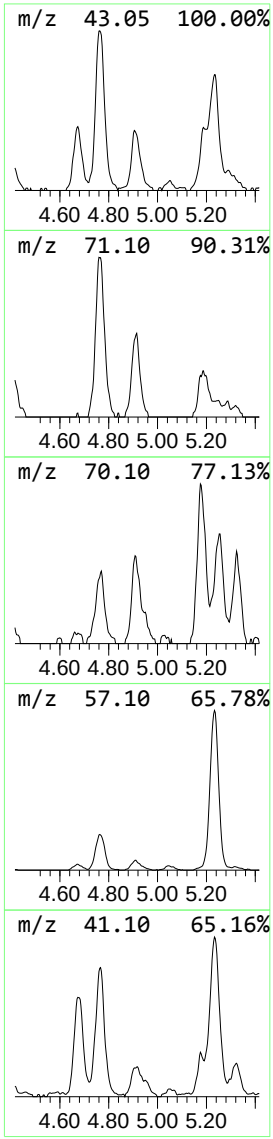
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.915	5.04 ug/L	59983	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	83
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

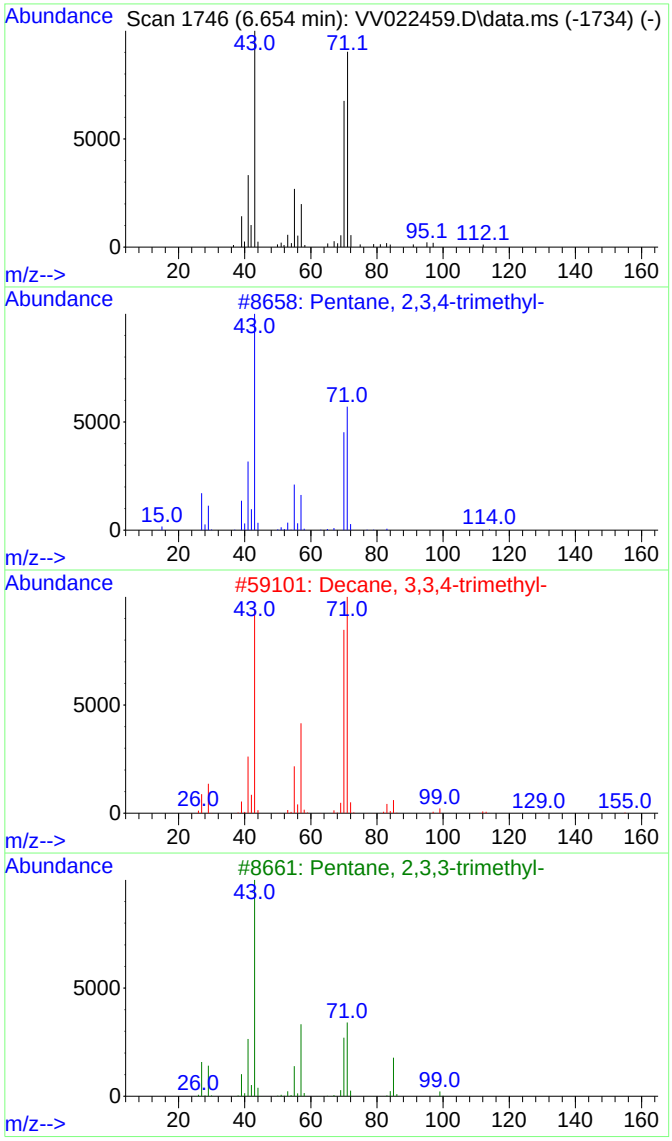
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

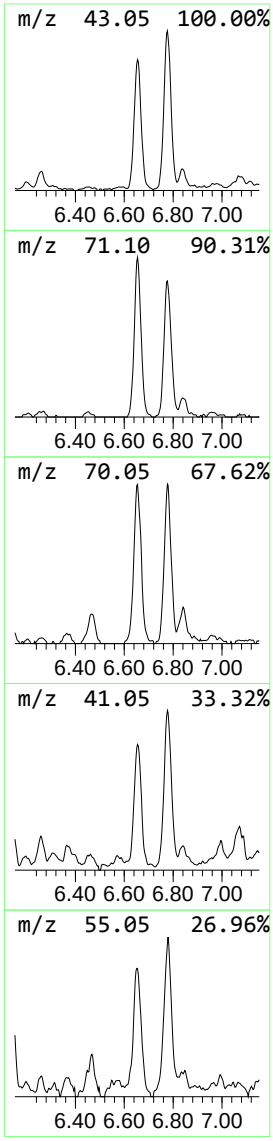
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.654	8.57 ug/L	101932	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	83
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78





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Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

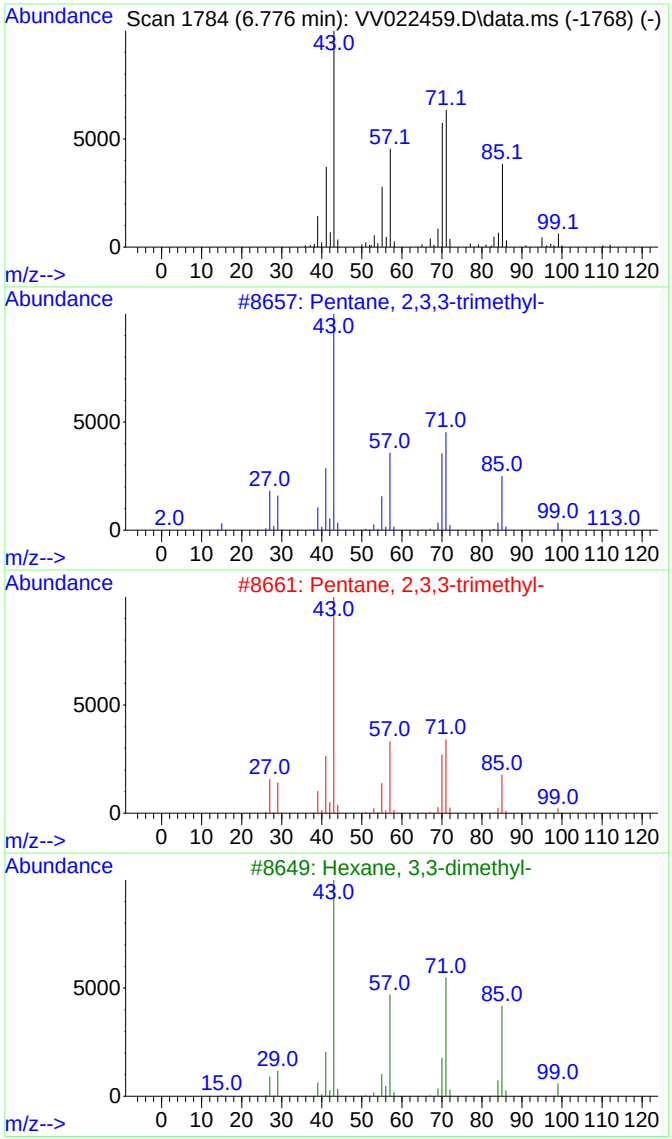
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

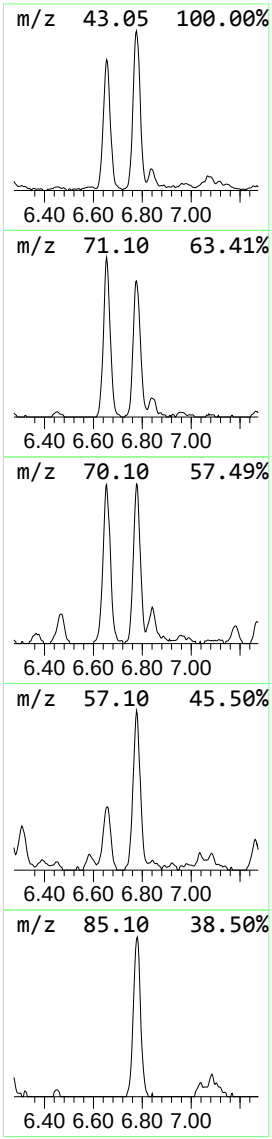
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.776	12.47 ug/L	148295	1,4-Difluorobenzene	5.619

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	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

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

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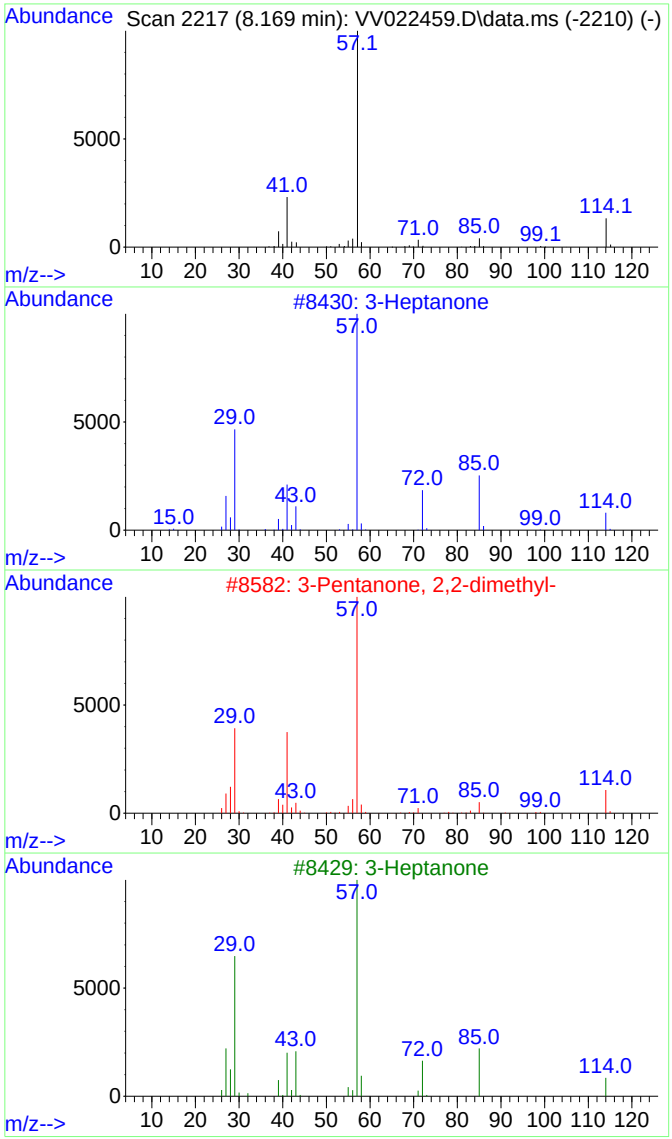
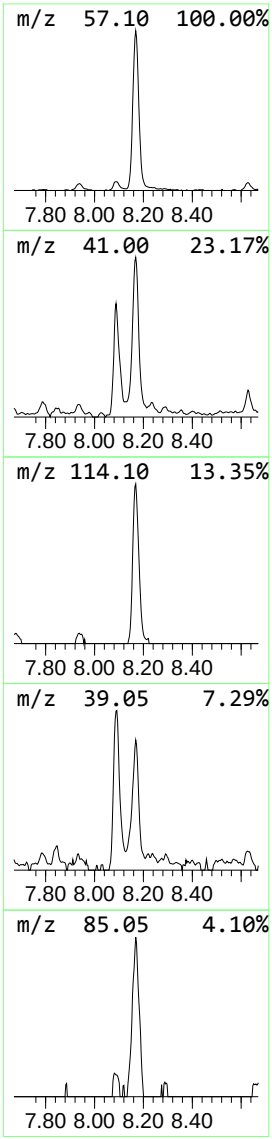
Peak Number 10 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.169	8.03 ug/L	106108	Chlorobenzene-d5	8.853

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	43
2	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	42
3	3-Heptanone	114	C7H14O	000106-35-4	42
4	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	42
5	Aluminum, triethyl-	114	C6H15Al	000097-93-8	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

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

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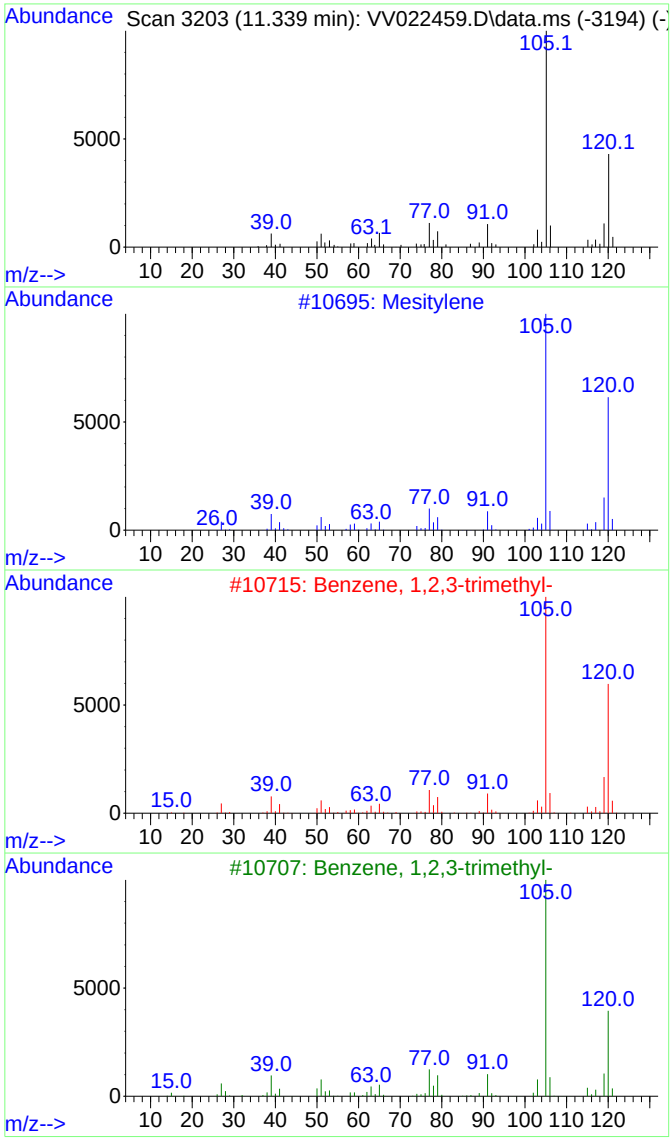
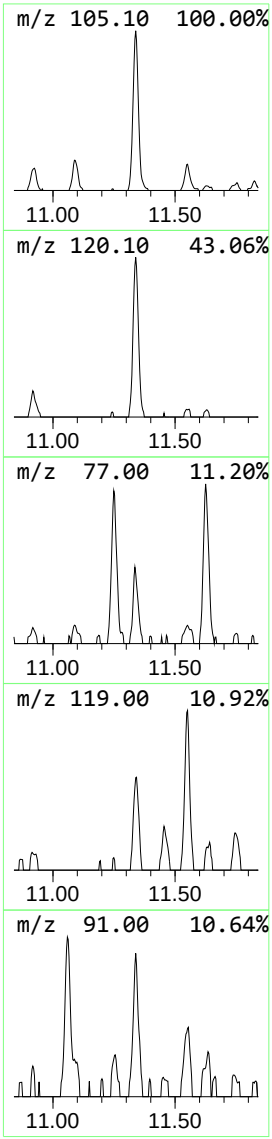
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	3.53 ug/L	45570	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

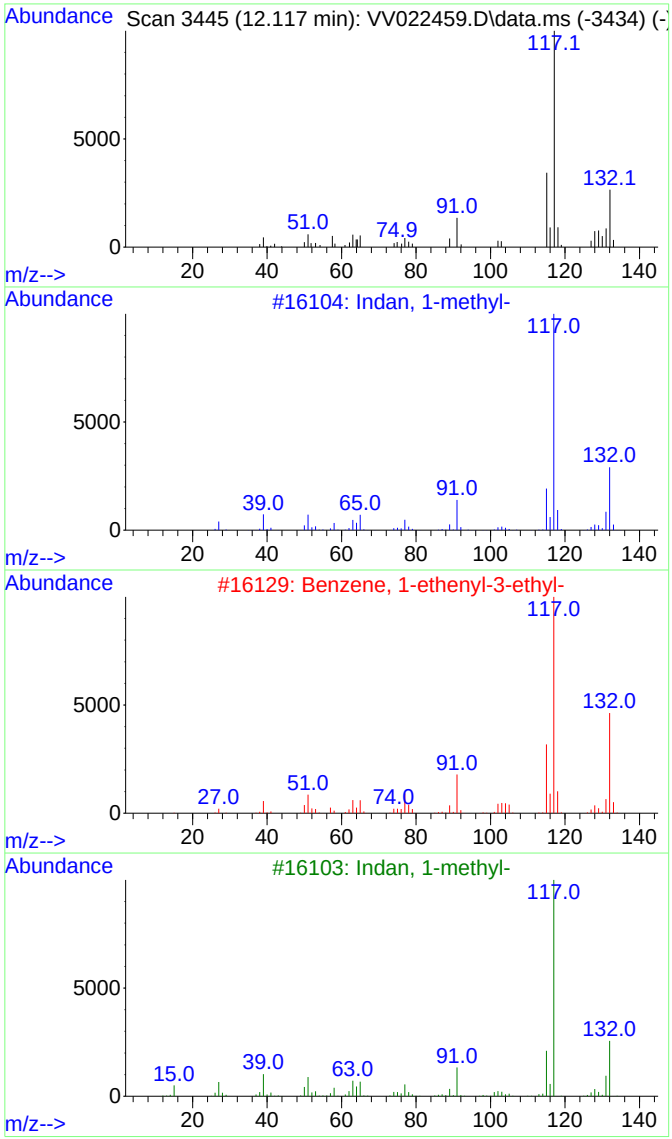
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

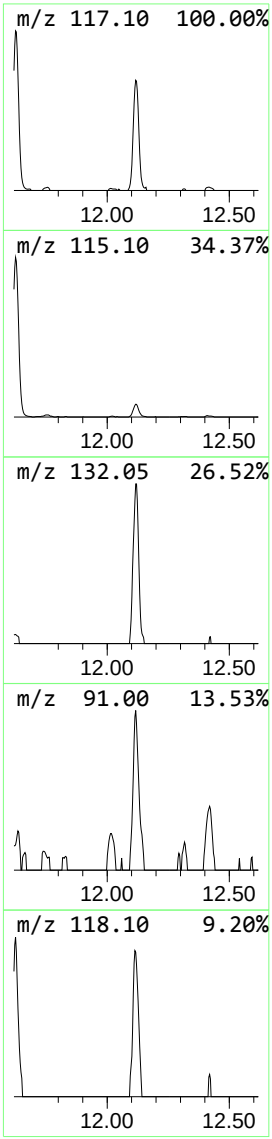
****

Peak Number 12 Indan, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.117	4.00 ug/L	51722	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

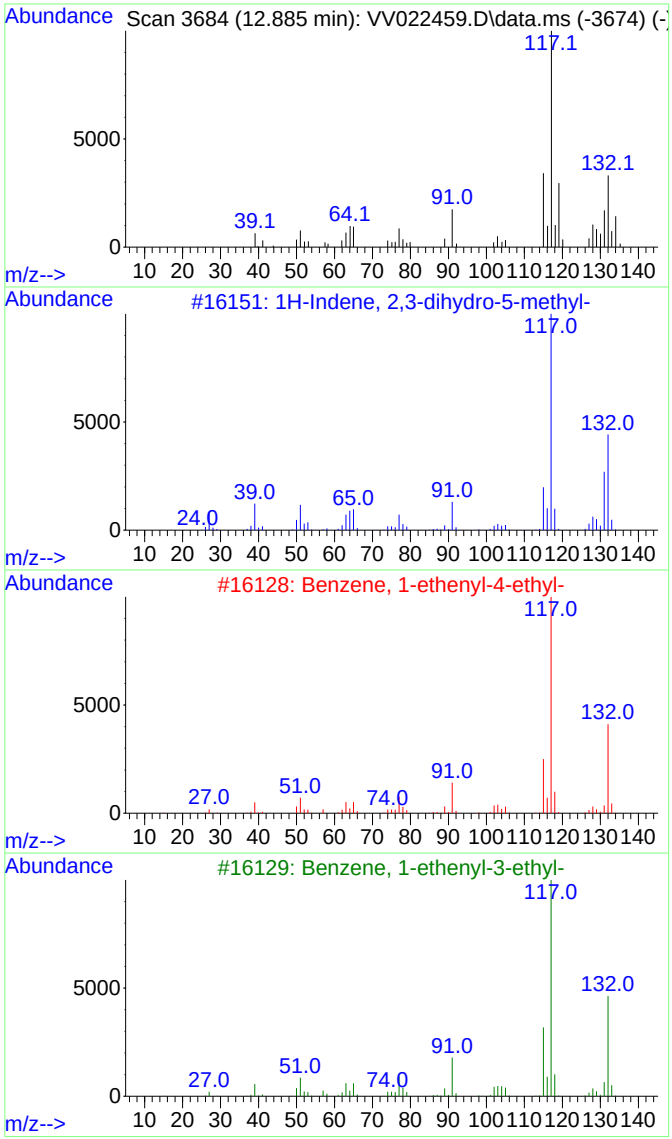
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

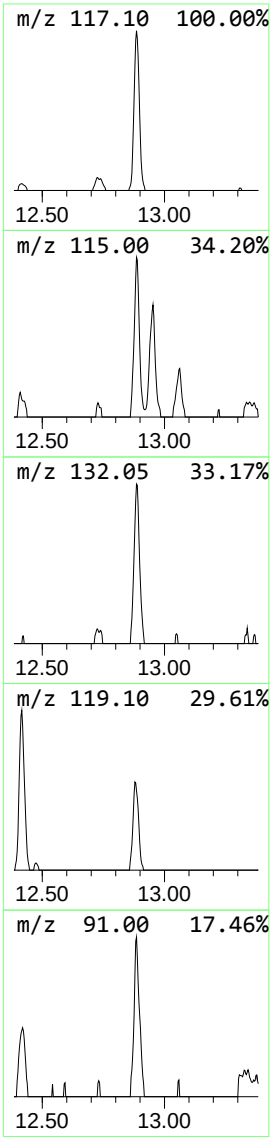
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.885	3.69 ug/L	47749	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	68
5	Indan, 1-methyl-	132	C10H12	000767-58-8	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis

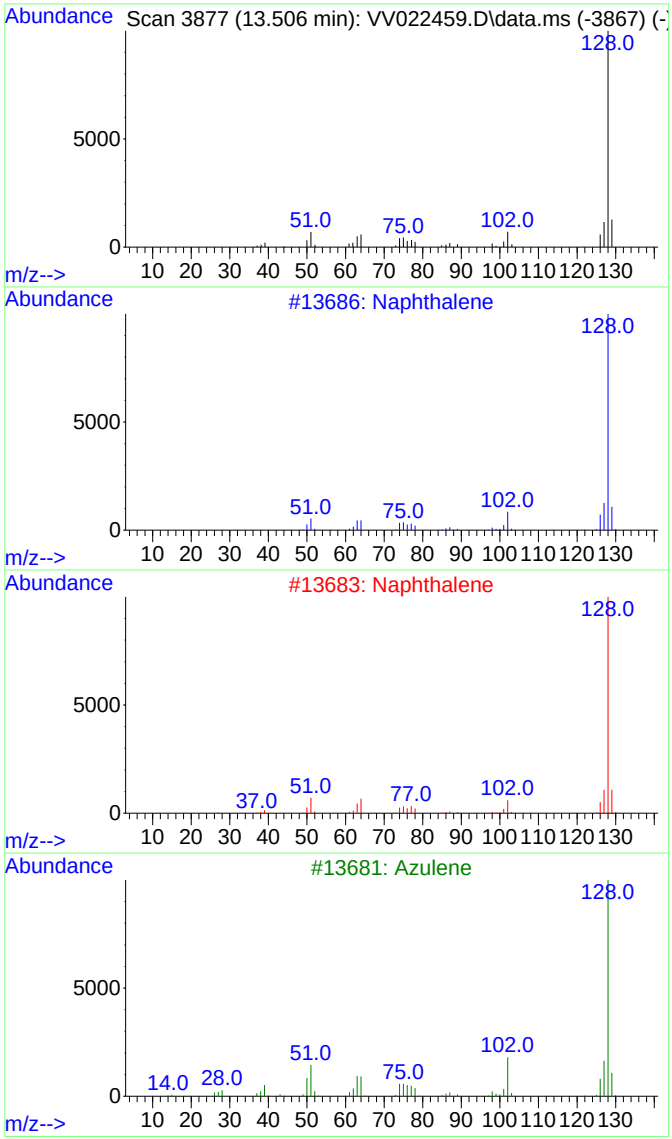
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

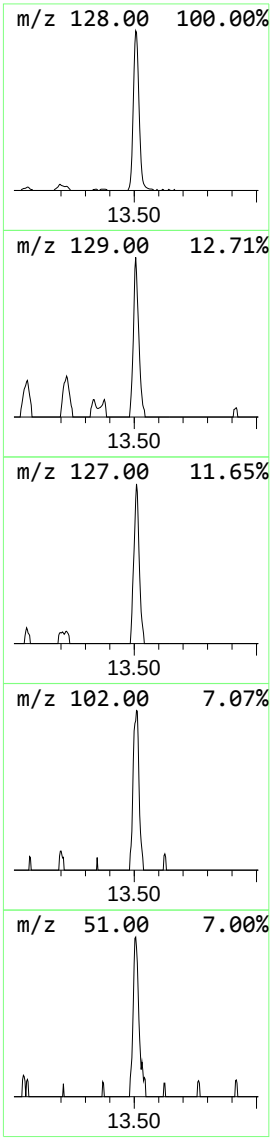
****

Peak Number 14 Azulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.506	4.43 ug/L	57236	1,4-Dichlorobenzene-d4	11.252

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	90
5	Azulene	128	C10H8	000275-51-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022459.D
Acq On : 01 Oct 2021 02:30
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A29

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.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...	1.629	16.5	ug/L	195884	1	5.619	594782	50.0
(DEL) Alkane: S...	2.497	8.7	ug/L	103587	1	5.619	594782	50.0
(DEL) Alkane: S...	3.667	3.2	ug/L	38460	1	5.619	594782	50.0
(DEL) Alkane: C...	3.760	8.9	ug/L	105714	1	5.619	594782	50.0
(DEL) Alkane: S...	4.767	11.8	ug/L	140123	1	5.619	594782	50.0
(DEL) Alkane: S...	4.915	5.0	ug/L	59983	1	5.619	594782	50.0
(DEL) Alkane: S...	6.654	8.6	ug/L	101932	1	5.619	594782	50.0
(DEL) Alkane: S...	6.776	12.5	ug/L	148295	1	5.619	594782	50.0
unknown-01	8.169	8.0	ug/L	106108	2	8.853	660878	50.0
Benzene, 1,2,3-...	11.339	3.5	ug/L	45570	3	11.252	646286	50.0
Indan, 1-methyl-	12.117	4.0	ug/L	51722	3	11.252	646286	50.0
1H-Indene, 2,3-...	12.885	3.7	ug/L	47749	3	11.252	646286	50.0
Azulene	13.506	4.4	ug/L	57236	3	11.252	646286	50.0