LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

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\SFAMULM032422WMA.M
Title : VOC Analysis

Signal : TIC: VU047651.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.607	72	83	93	rBV2	553791	687216	0.45%	0.217%
2	1.938	182	186	204	rVB	155462	210500	0.14%	0.067%
3	2.086	222	232	243	rBV	59399	87917	0.06%	0.028%
4	2.147	244	251	255	rBV2	15259	21606	0.01%	0.007%
5	2.250	275	283	293	rVB	35850	51470	0.03%	0.016%
6	2.588	371	388	447	rBV3	939473	2292397	1.49%	0.725%
7	3.051	521	532	555	rVB5	18926	50274	0.03%	0.016%
8	3.363	613	629	698	rBV	480607	1640647	1.07%	0.519%
9	3.703	723	735	750	rVB2	16922	38133	0.02%	0.012%
10	3.877	766	789	884	rBV	10472331	31954162	20.76%	10.105%
11	4.536	980	994	1012	rBV3	17675	44155	0.03%	0.014%
12	4.678	1015	1038	1128	rBV4	57664157	153941270	100.00%	48.683%
13	5.070	1146	1160	1192	rVB	195400	472916	0.31%	0.150%
14	5.324	1218	1239	1276	rVB	14041136	30929036	20.09%	9.781%
15	5.729	1344	1365	1375	rBV2	410424	1126134	0.73%	0.356%
16	5.790	1375	1384	1402	rVB3	222025	553750	0.36%	0.175%
17	5.932	1412	1428	1440	rBV3	12851	39740	0.03%	0.013%
18	6.141	1481	1493	1509	rBV4	7824	21794	0.01%	0.007%
19	6.250	1514	1527	1546	rBV	362468	675014	0.44%	0.213%
20	6.546	1605	1619	1634	rVV2	65170	128868	0.08%	0.041%
21	6.694	1650	1665	1677	rBV	255914	496884	0.32%	0.157%
22	6.764	1678	1687	1714	rVB3	71467	153871	0.10%	0.049%
23	7.568	1924	1937	1953	rBV	153764	268396	0.17%	0.085%
24	7.793	1994	2007	2020	rBV	229991	413509	0.27%	0.131%
25	7.858	2020	2027	2029	rVV2	22495	31324	0.02%	0.010%
26	7.899	2029	2040	2050	rVV	577241	987854	0.64%	0.312%
27	7.970	2050	2062	2075	rVV	3026045	5078795	3.30%	1.606%
28	8.034	2075	2082	2098	rVB2	53427	101975	0.07%	0.032%
29	8.179	2117	2127	2138	rVV	110897	179444	0.12%	0.057%
30	8.243	2139	2147	2163	rVB3	21237	41195	0.03%	0.013%
31	8.401	2175	2196	2210	rVB3	51329	105758	0.07%	0.033%
32	8.555	2232	2244	2255	rBV	75681	125099	0.08%	0.040%
33	8.636	2257	2269	2283	rBV	426397	758674	0.49%	0.240%
34	8.812	2314	2324	2331	rBV8	10169	17969	0.01%	0.006%
35	8.867	2331	2341	2350	rVV	33912	55268	0.04%	0.017%
36	8.925	2350	2359	2368	rVV2	14524	23573	0.02%	0.007%

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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\SFAMULM032422WMA.M
Title : VOC Analysis

37	9.417	2499	2512	2530	rBV	545767	899349	0.58%	0.284%
38	9.510	2533	2541	2547	rVV2	15585	26215	0.02%	0.008%
39	9.571	2547	2560	2579	rVV	1617337	2575639	1.67%	0.815%
40	9.693	2583	2598	2635	rVB	5450312	8851692	5.75%	2.799%
41	9.919	2664	2668	2682	rVB	14223	20045	0.01%	0.006%
42	10.038	2688	2705	2710	rBV4	13608	28400	0.02%	0.009%
43	10.102	2711	2725	2753	rVB	3392408	5327511	3.46%	1.685%
44	10.237	2755	2767	2771	rBV7	12569	20166	0.01%	0.006%
45	10.272	2771	2778	2794	rVB2	43634	72709	0.05%	0.023%
46	10.359	2794	2805	2823	rVB7	26029	59327	0.04%	0.019%
47	10.484	2832	2844	2857	rBV	296630	465212	0.30%	0.147%
48	10.571	2864	2871	2879	rVB	15913	23821	0.02%	0.008%
49	10.697	2902	2910	2918	rVB6	20133	32604	0.02%	0.010%
50	10.758	2918	2929	2941	rBV	421332	683562	0.44%	0.216%
51	10.816	2941	2947	2958	rVB8	22129	39607	0.03%	0.013%
52	10.906	2958	2975	2990	rBV	1041393	1675823	1.09%	0.530%
53	10.999	2991	3004	3010	rBV	4021599	6967258	4.53%	2.203%
54	11.089	3022	3032	3052	rVB	2739911	4183648	2.72%	1.323%
55	11.234	3067	3077	3083	rBV	53610	81152	0.05%	0.026%
56	11.291	3083	3095	3118	rVB	2925220	4510057	2.93%	1.426%
57	11.420	3124	3135	3137	rBV2	19855	27438	0.02%	0.009%
58	11.468	3137	3150	3170	rVB	12584782	18841422	12.24%	5.958%
59	11.610	3184	3194	3198	rBV	92536	136539	0.09%	0.043%
60	11.642	3198	3204	3217	rVB	182101	288544	0.19%	0.091%
61	11.745	3222	3236	3244	rBV	332271	526160	0.34%	0.166%
62	11.809	3244	3256	3270	rVB2	723800	1350148	0.88%	0.427%
63	11.896	3270	3283	3305	rBV	4220409	6463636	4.20%	2.044%
64	12.008	3310	3318	3329	rVB	50442	77316	0.05%	0.024%
65	12.095	3331	3345	3352	rBV2	1648808	2784326	1.81%	0.881%
66	12.192	3363	3375	3397	rVB5	1515290	2827715	1.84%	0.894%
67	12.304	3398	3410	3421	rBV4	101208	172986	0.11%	0.055%
68	12.375	3421	3432	3447	rVB	327342	500866	0.33%	0.158%
69	12.481	3447	3465	3483	rBV2	2193965	4548479	2.95%	1.438%
70	12.571	3483	3493	3501	rVV	695094	1047082	0.68%	0.331%
71	12.613	3501	3506	3518	rVB	115827	169737	0.11%	0.054%
72	12.684	3518	3528	3549	rBV4	263878	686209	0.45%	0.217%
73	12.809	3559	3567	3577	rVB3	46562	70931	0.05%	0.022%
74	12.877	3577	3588	3599	rVB3	244245	398876	0.26%	0.126%
75	12.973	3600	3618	3626	rBV2	335966	623684	0.41%	0.197%
76	13.025	3626	3634	3649	rVB	532596	817679	0.53%	0.259%

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EW5X7

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
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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Title : VOC Analysis

77	13.108	3650	3660	3666	rBV4	47600	83715	0.05%	0.026%
78	13.166	3674	3678	3684	rVB	18668	19754	0.01%	0.006%
79	13.201	3684	3689	3699	rVV2	12382	20140	0.01%	0.006%
80	13.256	3699	3706	3709	rVV4	21377	28090	0.02%	0.009%
81	13.291	3710	3717	3727	rVB2	128070	195865	0.13%	0.062%
82	13.349	3729	3735	3743	rVB4	23059	35169	0.02%	0.011%
83	13.404	3743	3752	3757	rBV3	48627	79005	0.05%	0.025%
84	13.449	3757	3766	3780	rVV3	528645	906593	0.59%	0.287%
85	13.516	3782	3787	3794	rVB5	22136	31365	0.02%	0.010%
86	13.558	3795	3800	3809	rVB	23581	31180	0.02%	0.010%
87	13.623	3810	3820	3840	rVB	139372	232878	0.15%	0.074%
88	13.735	3842	3855	3864	rBV4	50778	93472	0.06%	0.030%
89	13.787	3864	3871	3877	rVB3	15888	22299	0.01%	0.007%
90	13.838	3877	3887	3902	rBV5	69584	143145	0.09%	0.045%
91	13.912	3903	3910	3914	rVV3	11223	18519	0.01%	0.006%
92	13.947	3914	3921	3935	rVB3	28653	71206	0.05%	0.023%
93	14.086	3949	3964	3981	rBV	682800	1101536	0.72%	0.348%
94	14.291	4019	4028	4034	rVV6	16346	32478	0.02%	0.010%
95	14.330	4035	4040	4054	rVV5	21170	39491	0.03%	0.012%
96	14.484	4079	4088	4096	rBV4	9741	17212	0.01%	0.005%
97	14.687	4133	4151	4165	rBV6	17212	44580	0.03%	0.014%
98	15.018	4245	4254	4266	rBV5	12868	20627	0.01%	0.007%
99	15.224	4306	4318	4331	rBV	86699	138951	0.09%	0.044%
100	15.410	4364	4376	4389	rVV	56543	94470	0.06%	0.030%

Sum of corrected areas: 316211897

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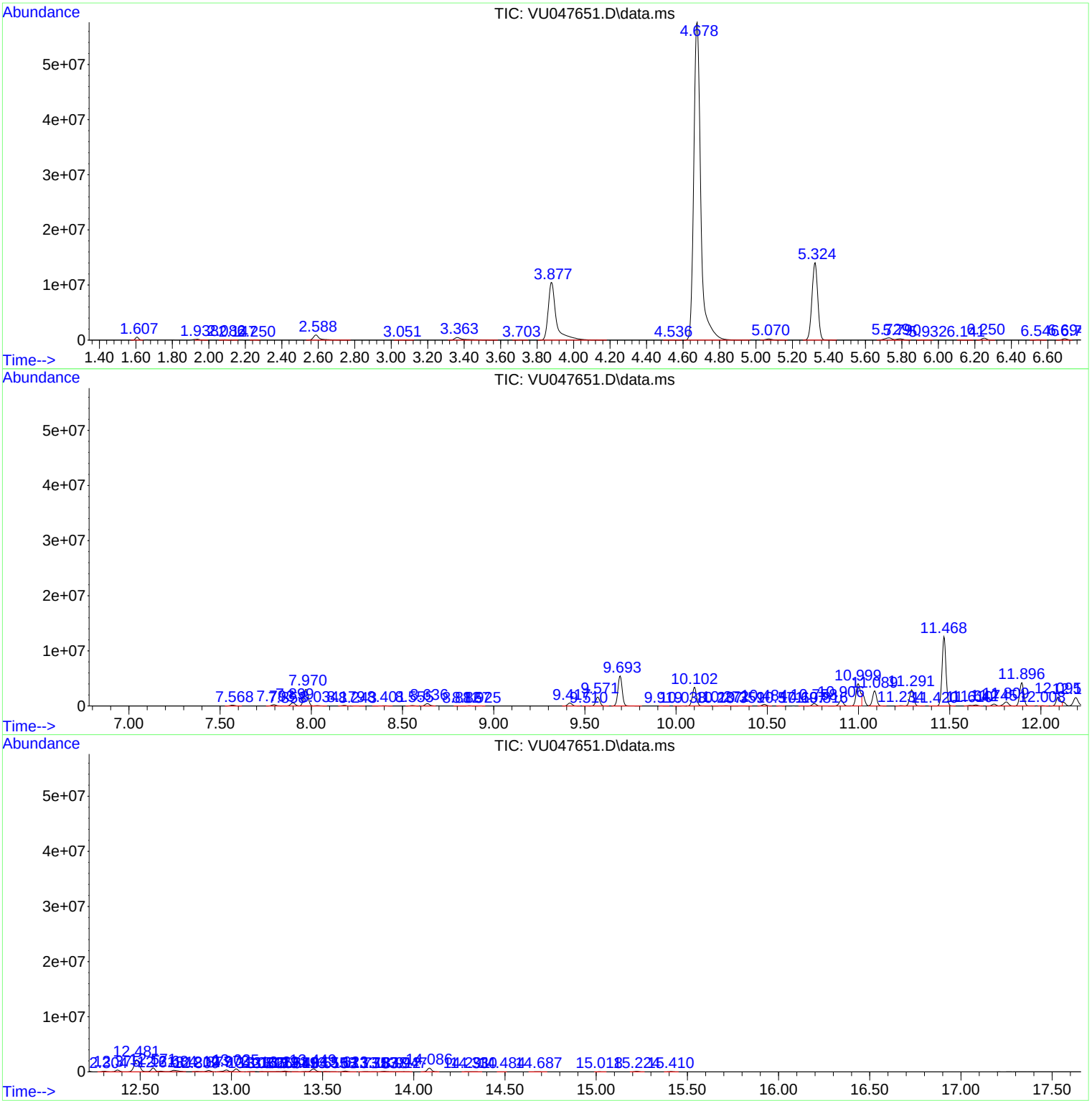
Instrument :
MSVOA_U
ClientSampleId :
EW5X7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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



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Data File : VU047651.D
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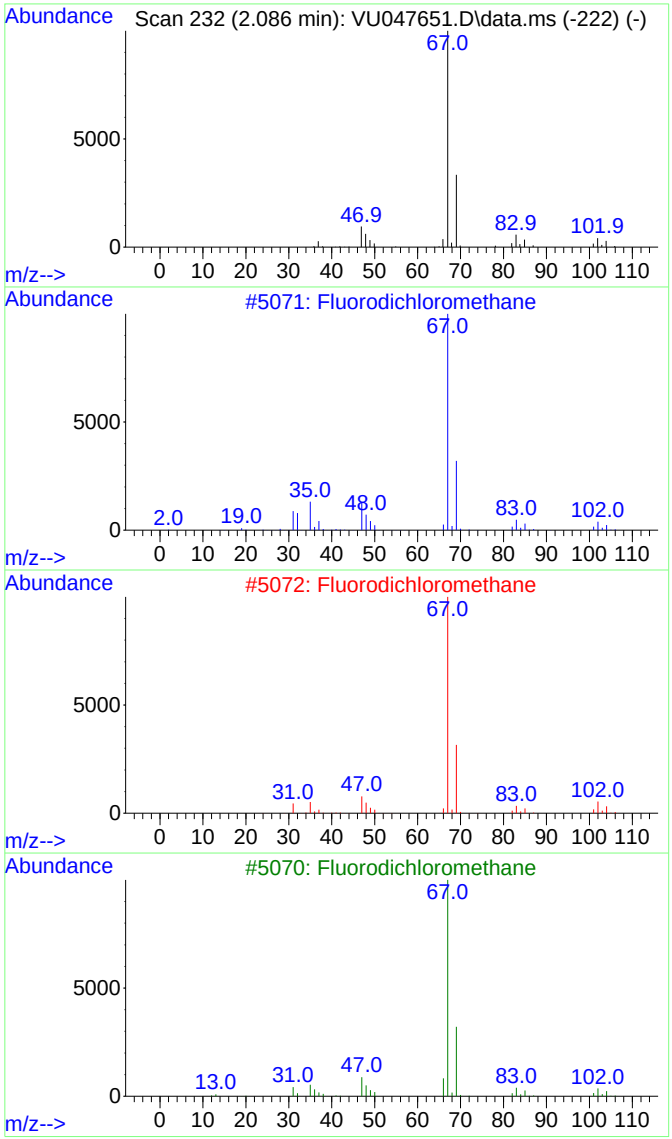
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

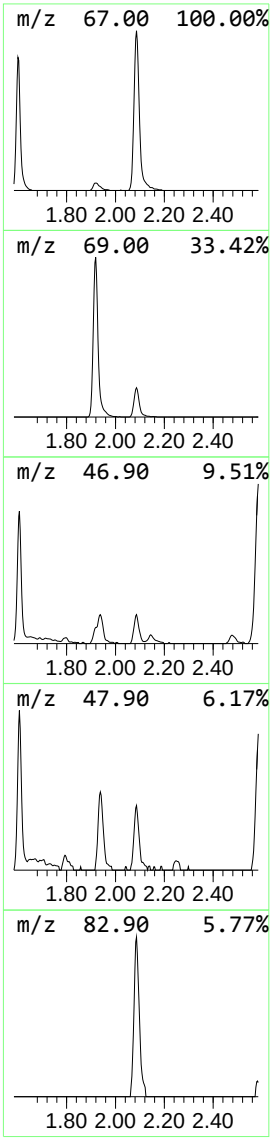
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Fluorodichloromethane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.086	6.51 ug/L	87917	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
2	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
3	Fluorodichloromethane	102	CHCl2F	000075-43-4	90
4	Cyclopentene, 1-chloro-	102	C5H7Cl	000930-29-0	7
5	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

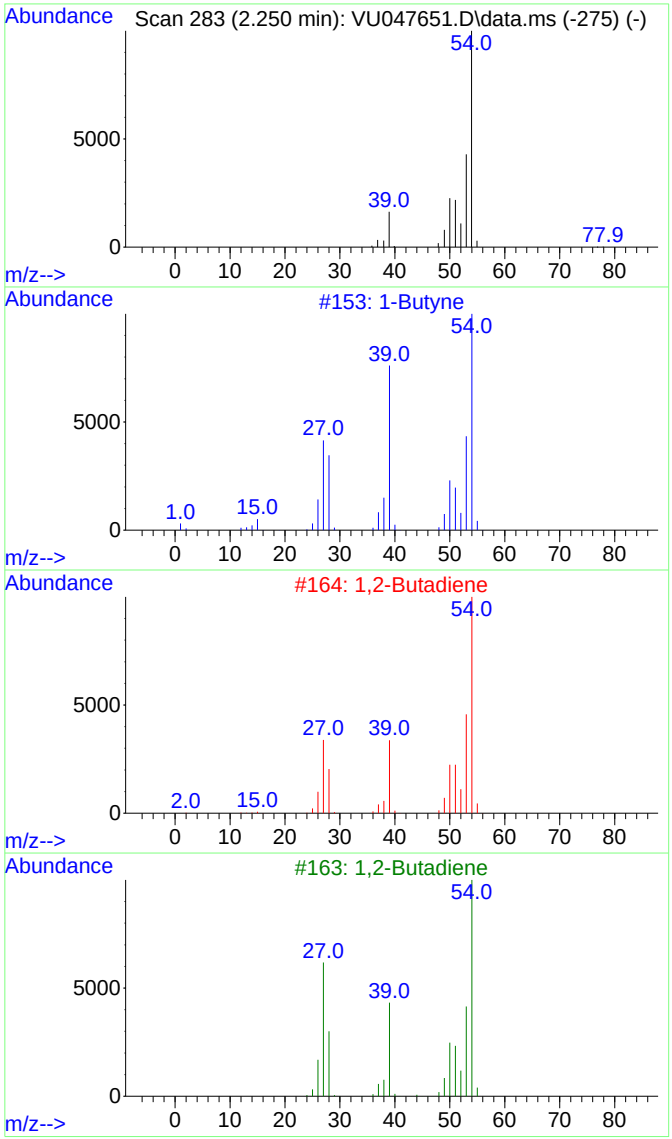
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

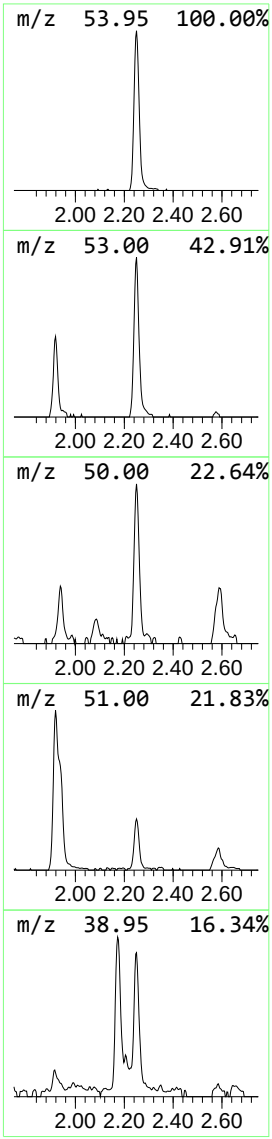
****

Peak Number 2 1-Butyne Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.250	3.81 ug/L	51470	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne	54	C4H6	000107-00-6	86
2	1,2-Butadiene	54	C4H6	000590-19-2	78
3	1,2-Butadiene	54	C4H6	000590-19-2	78
4	1,2-Butadiene	54	C4H6	000590-19-2	78
5	1-Butyne	54	C4H6	000107-00-6	78





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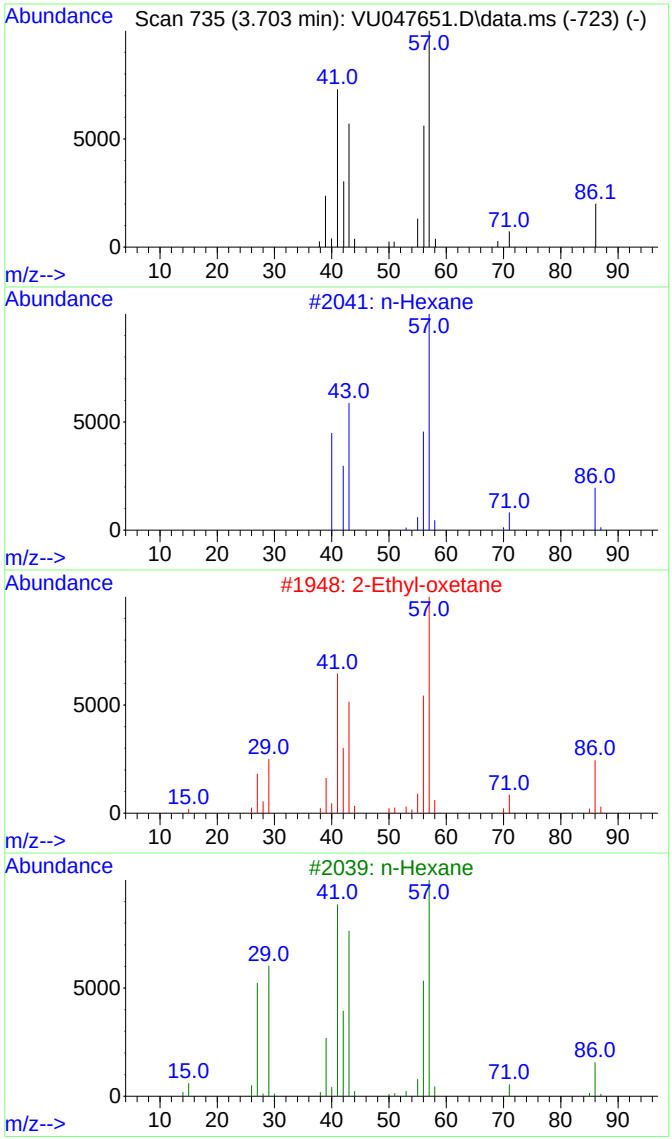
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

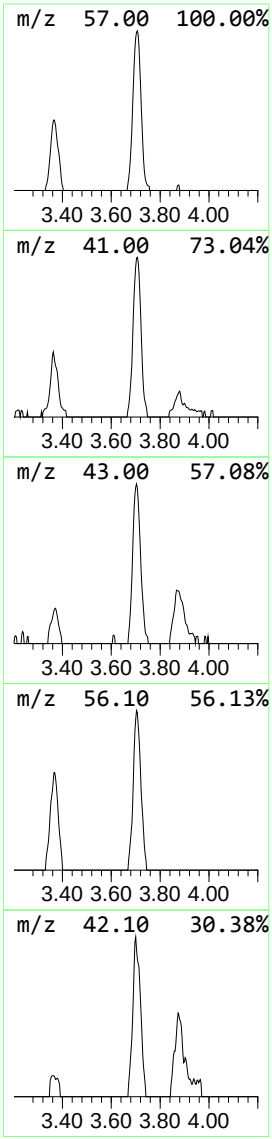
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.703	2.82 ug/L	38133	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	80
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	50
5	n-Hexane	86	C6H14	000110-54-3	42





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Instrument :
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ClientSampleId :
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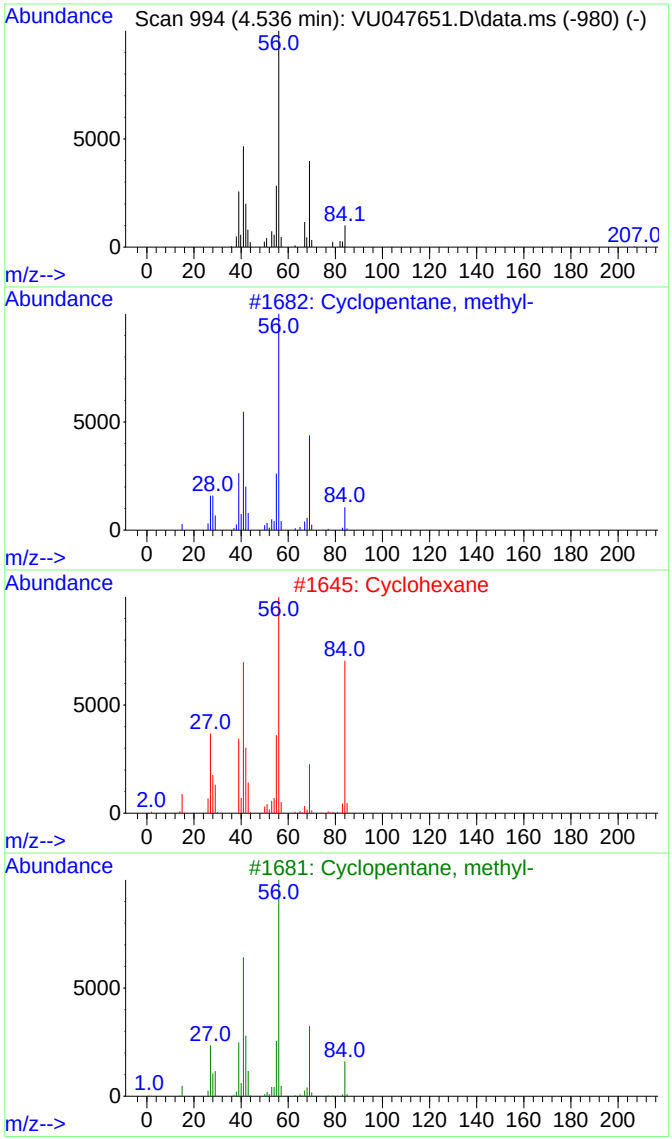
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

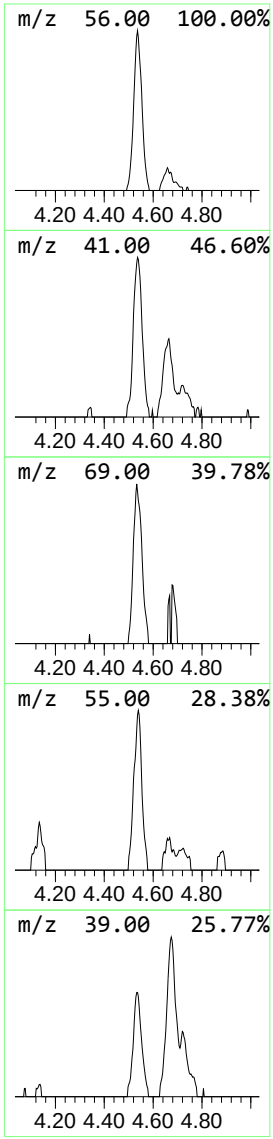
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic4.536 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.536	3.27 ug/L	44155	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





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Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

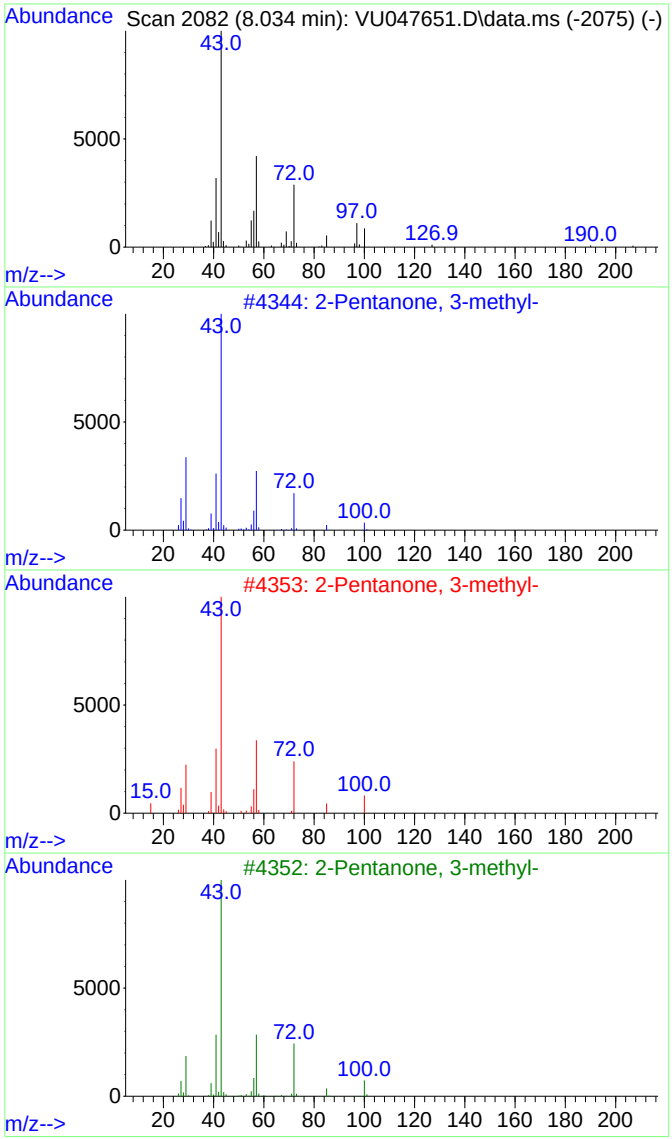
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

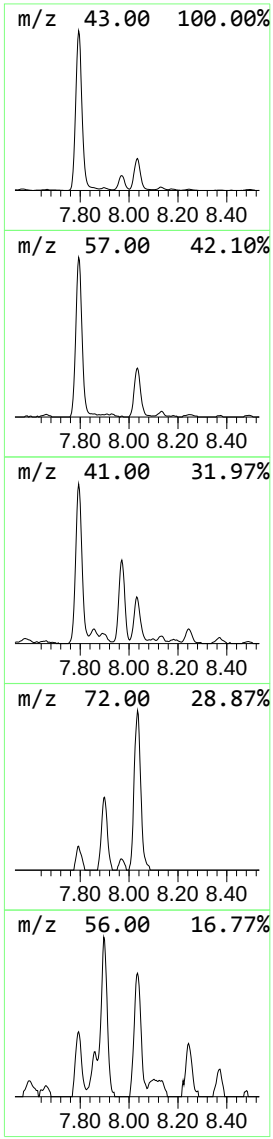
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Pentanone, 3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.034	5.67 ug/L	101975	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	72
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	72
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	72
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	50
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	49





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Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

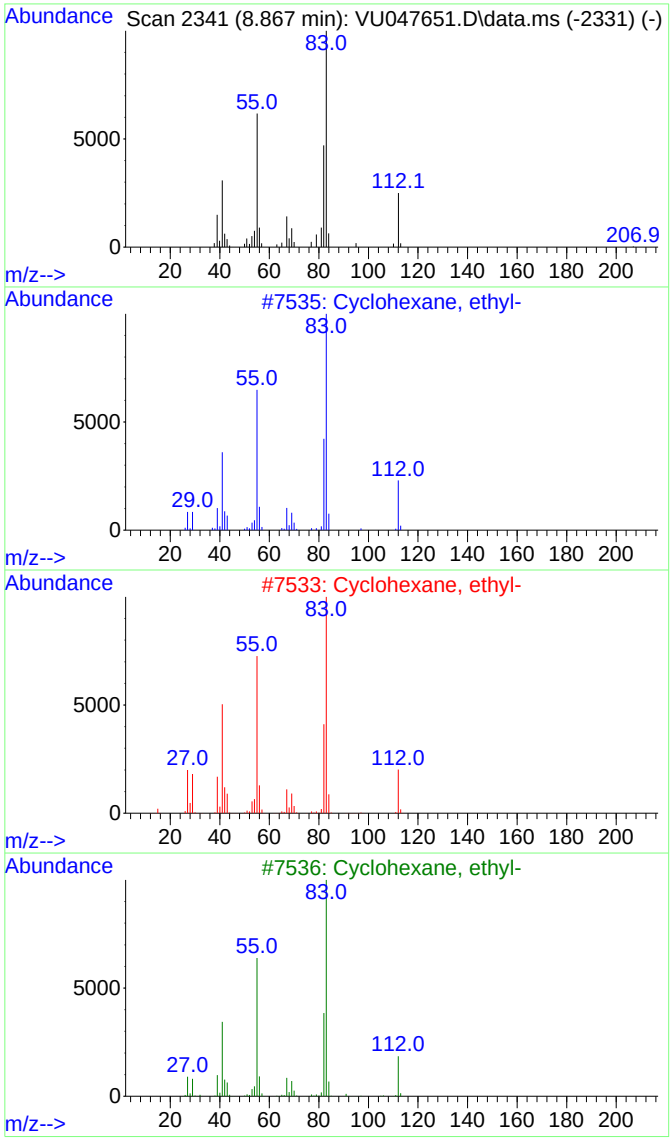
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

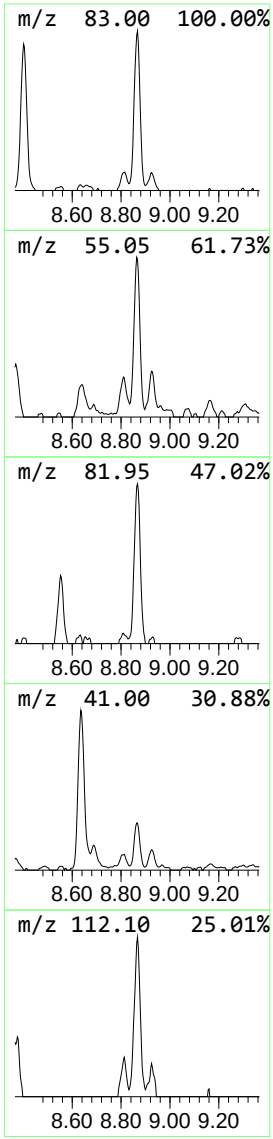
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.867 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.867	3.07 ug/L	55268	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	76





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Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

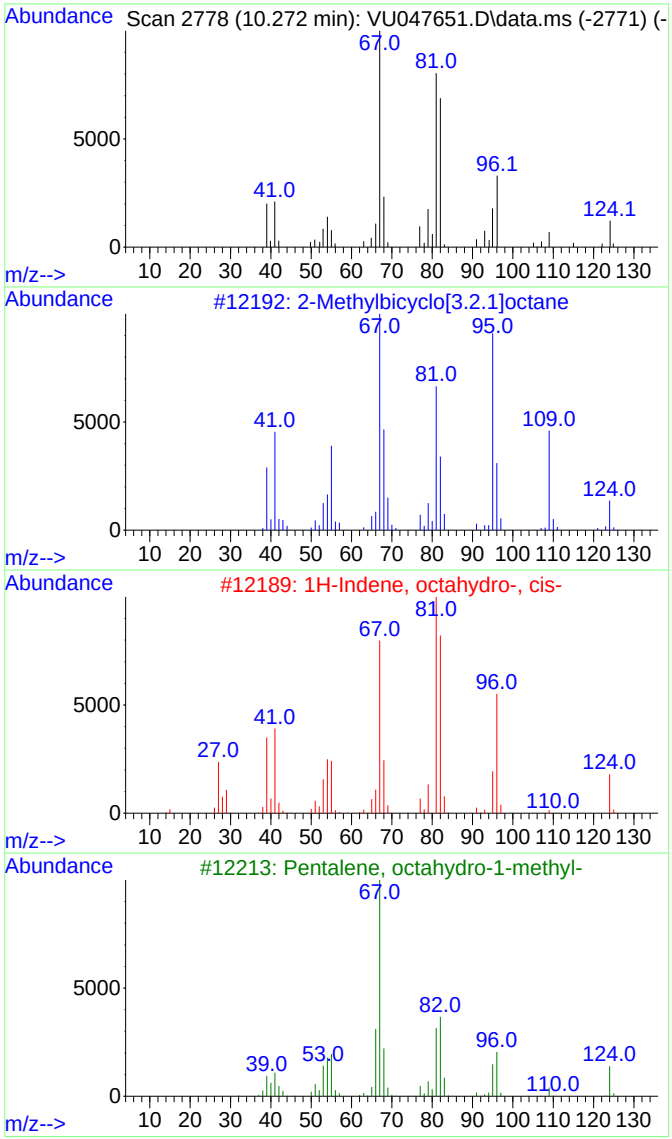
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

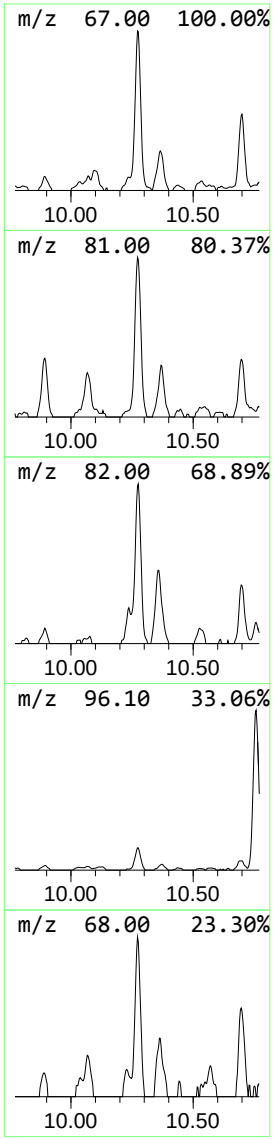
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Methylbicyclo[3.2.1]octane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.272	4.04 ug/L	72709	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbicyclo[3.2.1]octane	124	C9H16	1010215-28-0	64
2	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	64
3	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	58
4	3,3-Tetramethyleneglutaric anhyd...	168	C9H12O3	005662-95-3	50
5	2-Cyclopenten-1-one, 3-(1-methyl...	124	C8H12O	001619-28-9	47





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Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

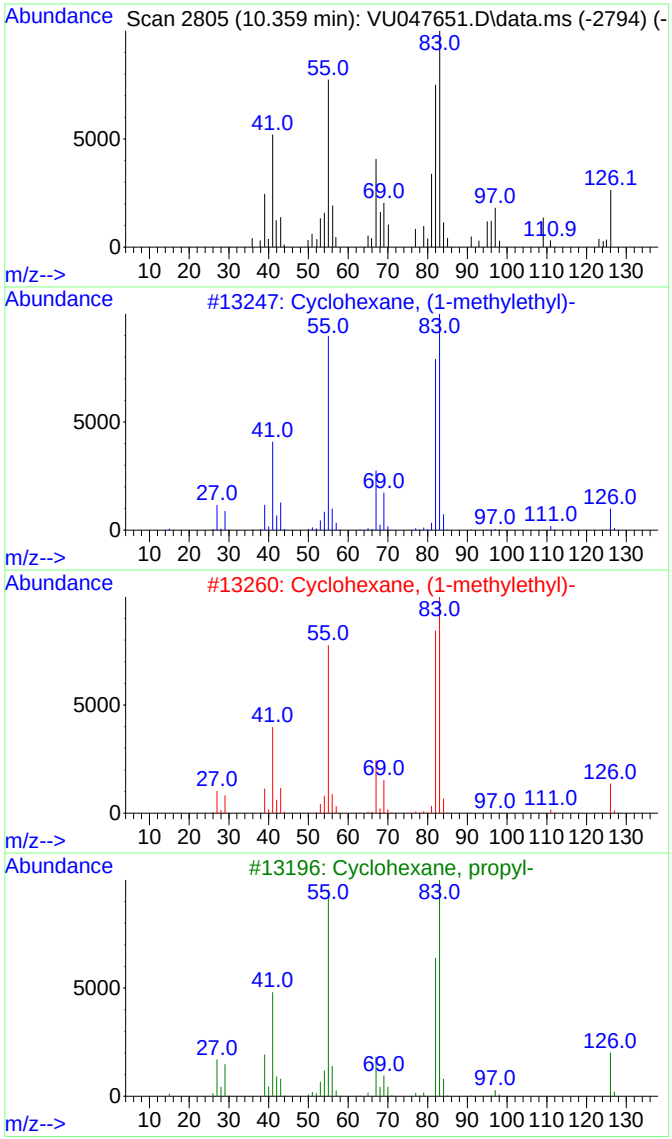
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

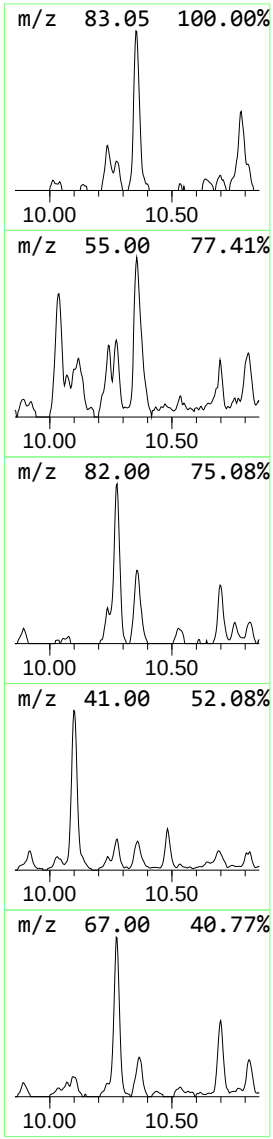
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic10.359 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.359	3.30 ug/L	59327	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53





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Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

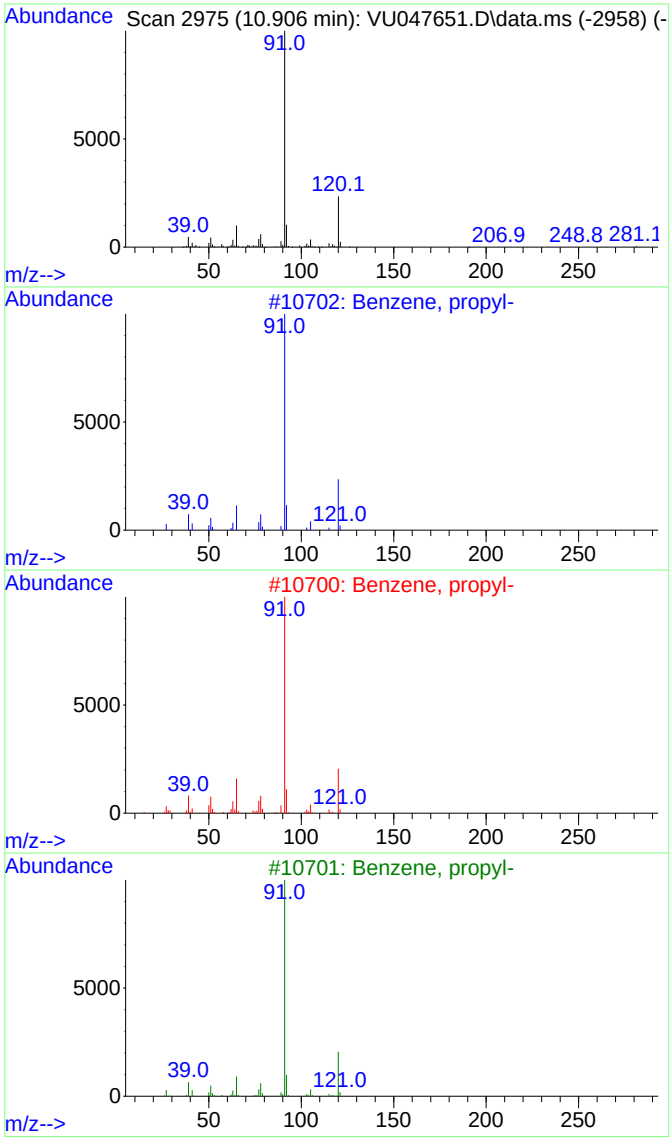
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

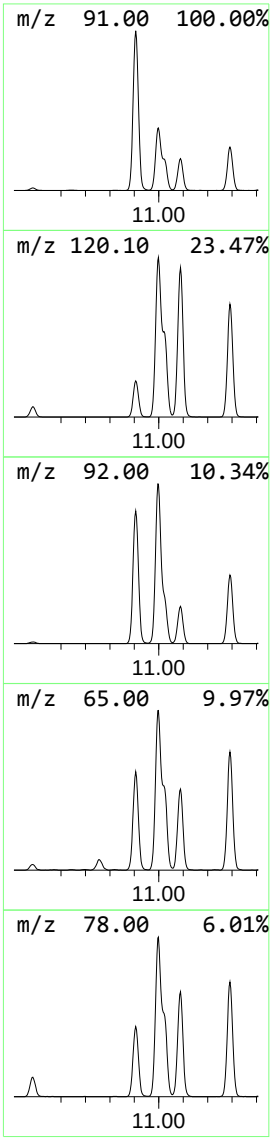
****

Peak Number 11 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	62.06 ug/L	1675820	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72





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Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

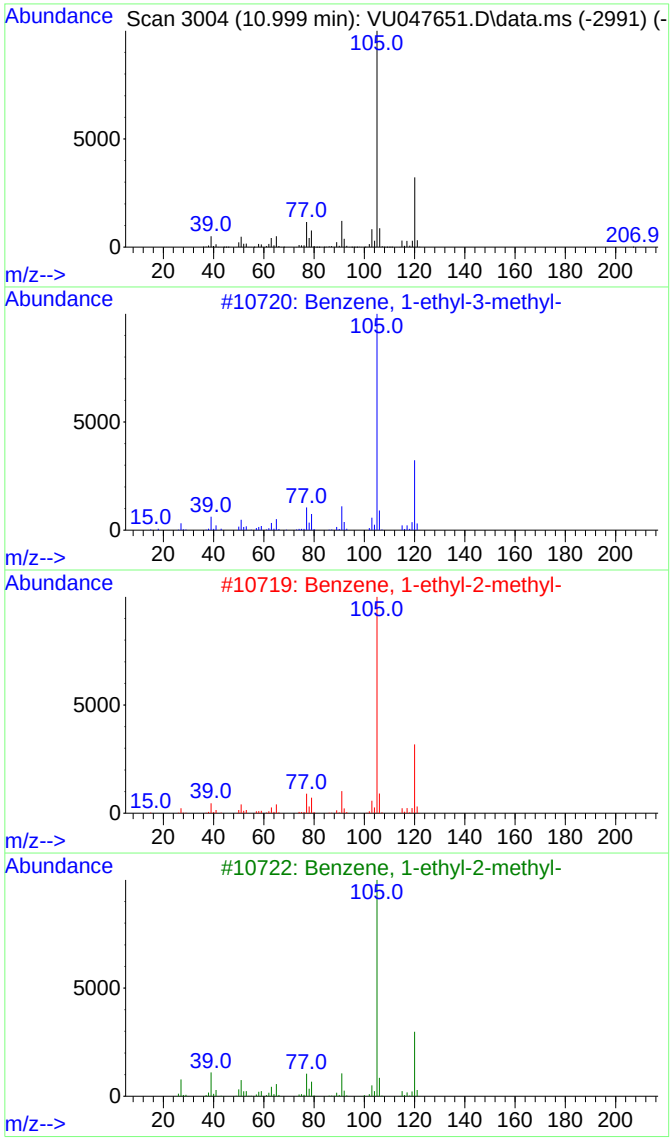
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

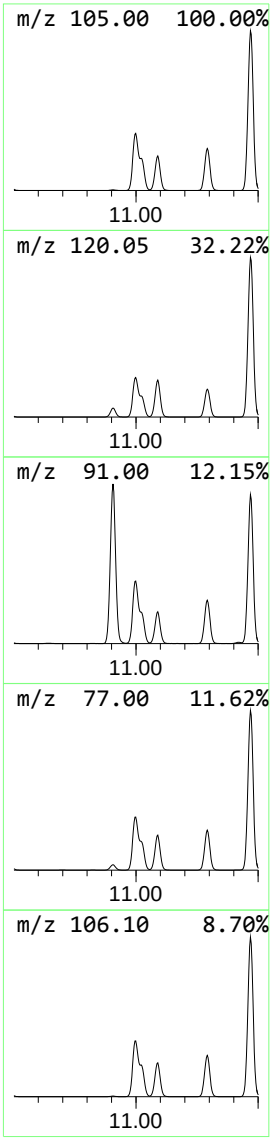
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	258.02 ug/L	6967260	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

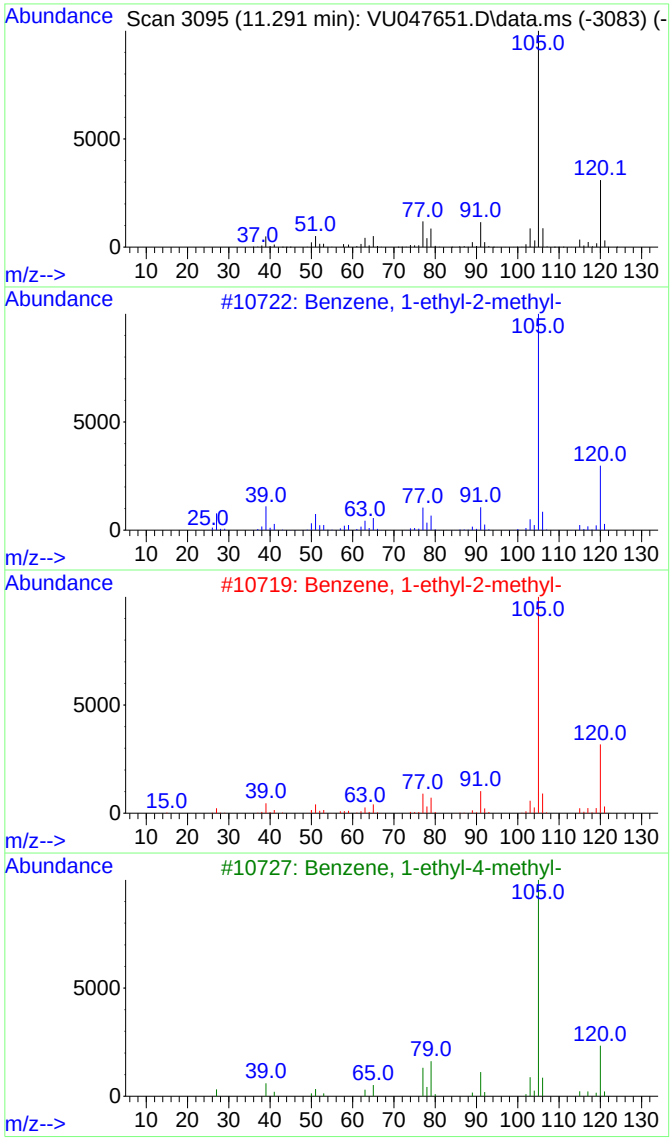
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

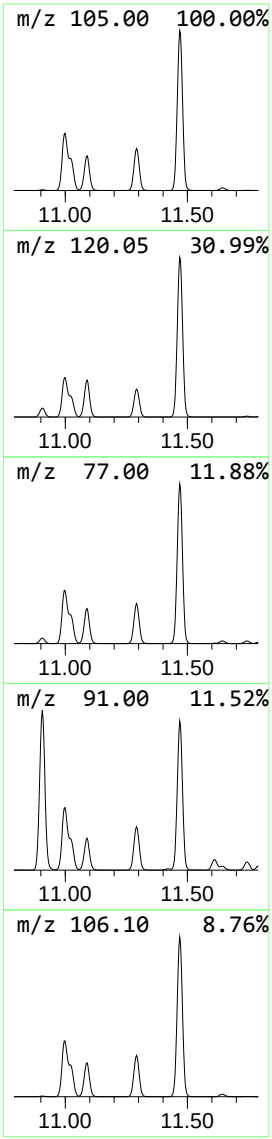
****

Peak Number 14 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	167.02 ug/L	4510060	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

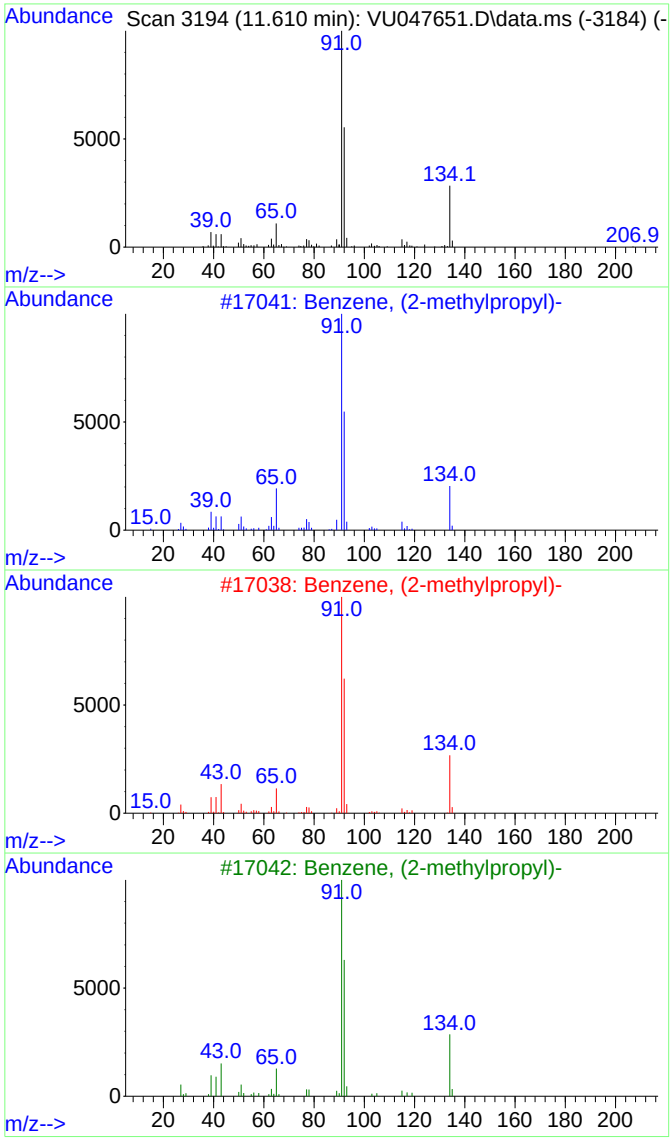
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

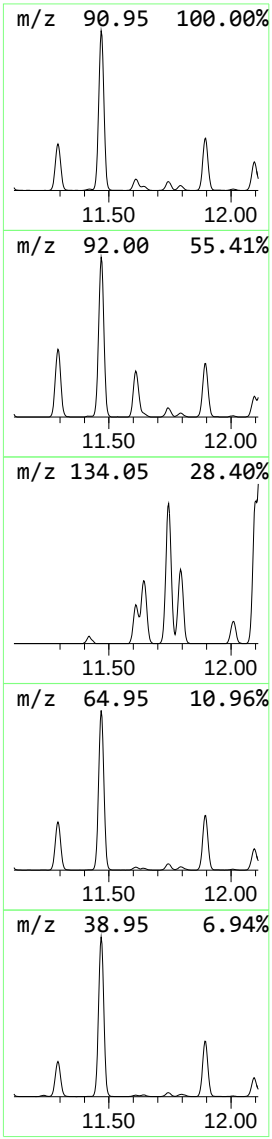
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (2-methylpropyl)- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	5.06 ug/L	136539	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87





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Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

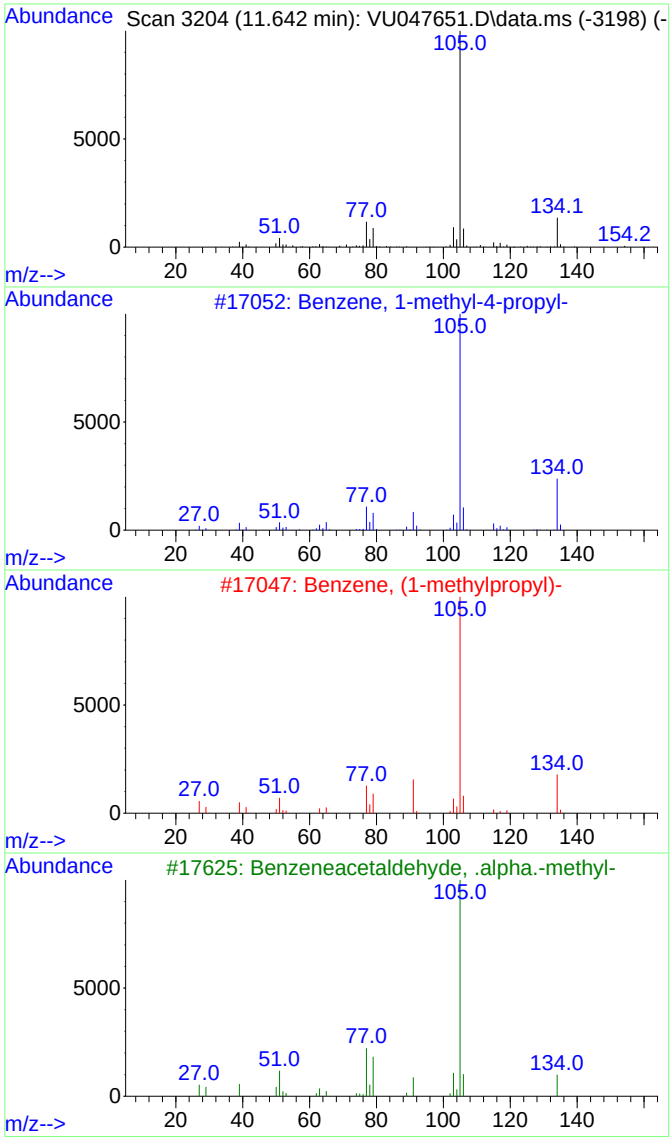
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

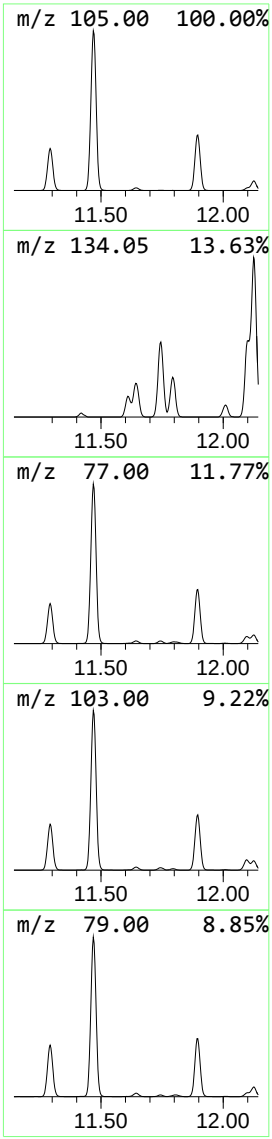
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.642	10.69 ug/L	288544	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	86
4	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	80
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	78





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Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

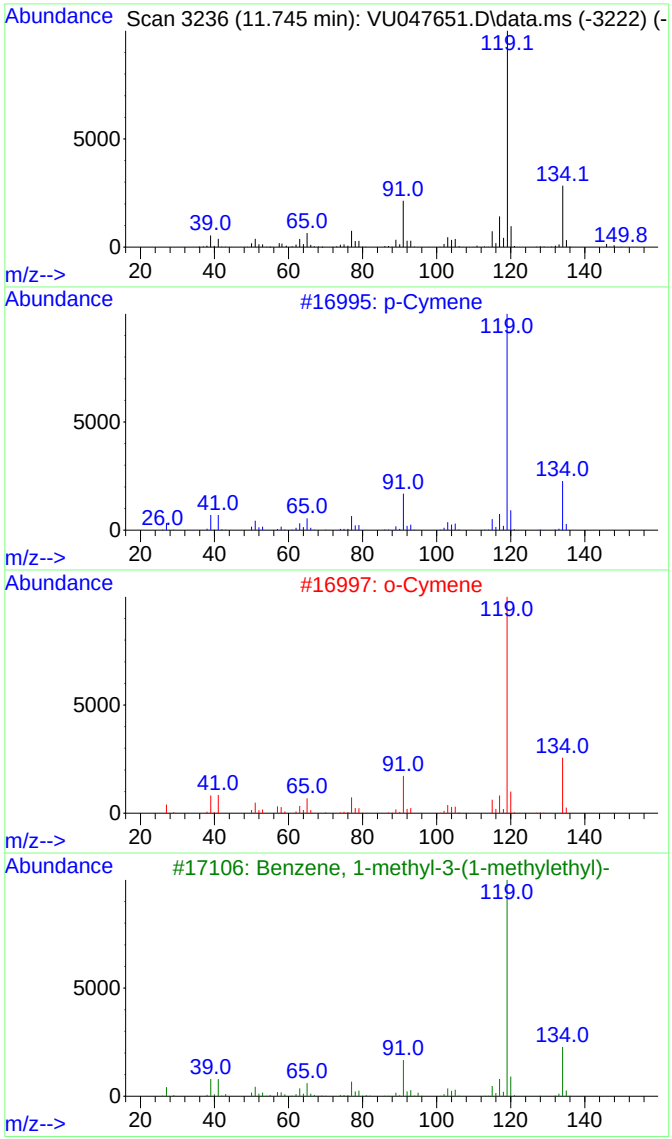
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

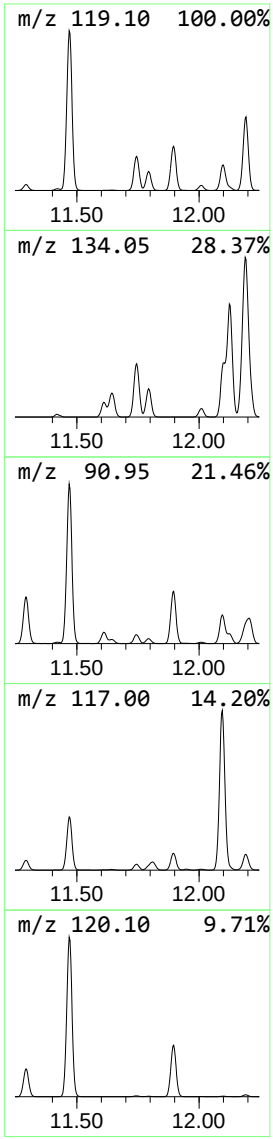
****

Peak Number 17 p-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	19.49 ug/L	526160	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

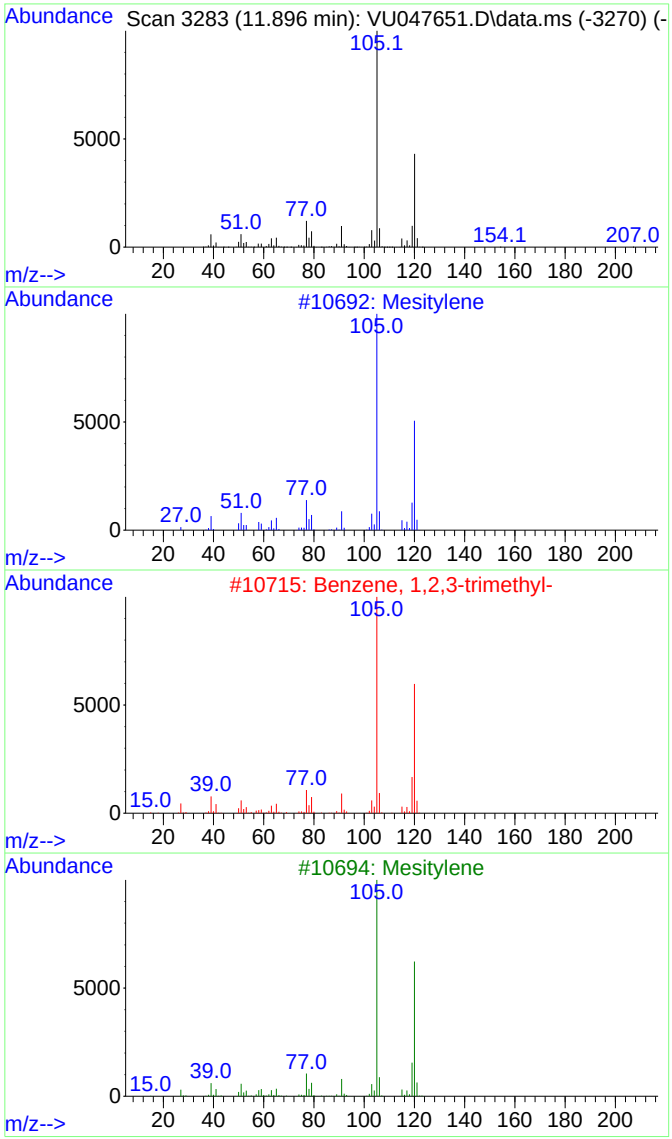
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

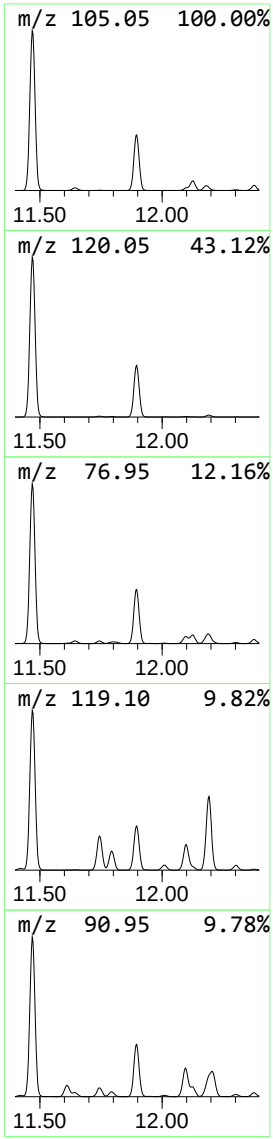
****

Peak Number 18 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	239.37 ug/L	6463640	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

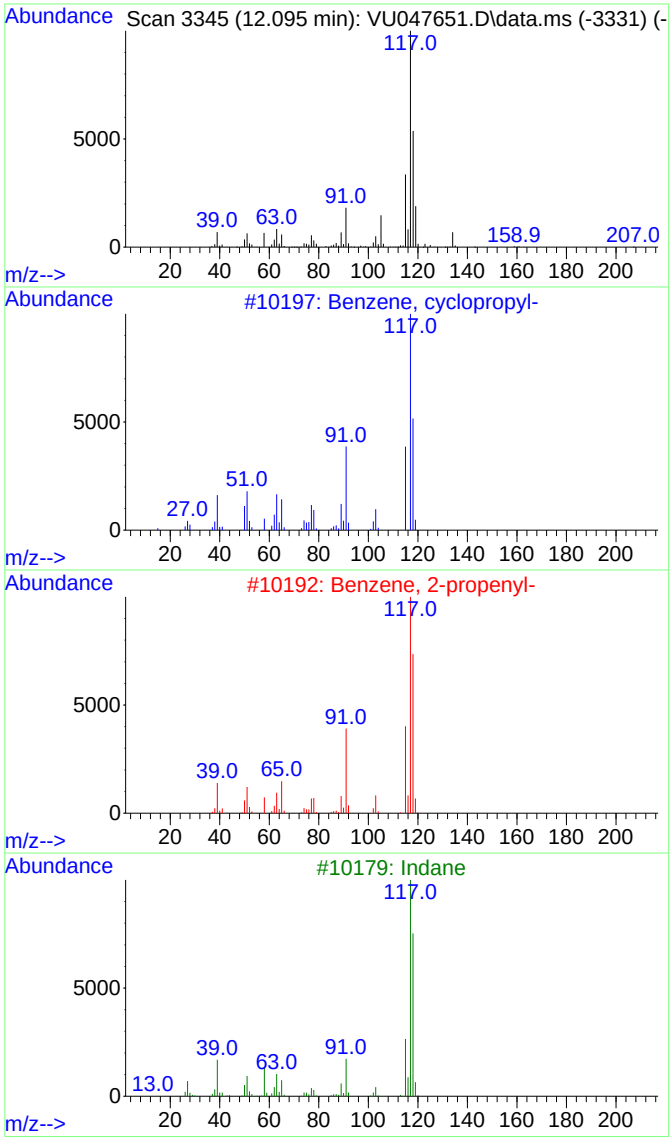
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

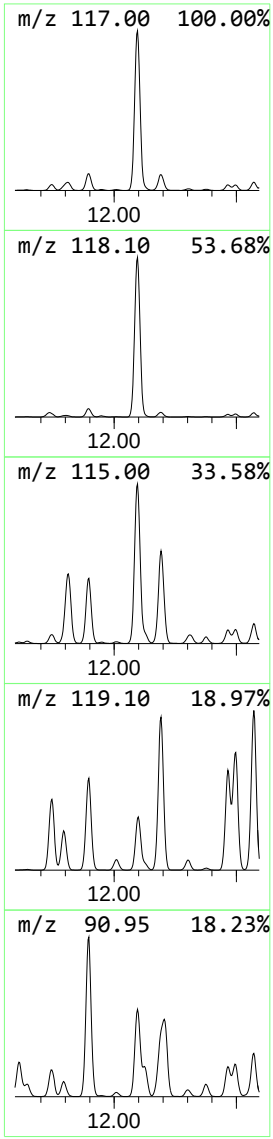
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, cyclopropyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	103.11 ug/L	2784330	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Indane	118	C9H10	000496-11-7	76
4	Indane	118	C9H10	000496-11-7	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

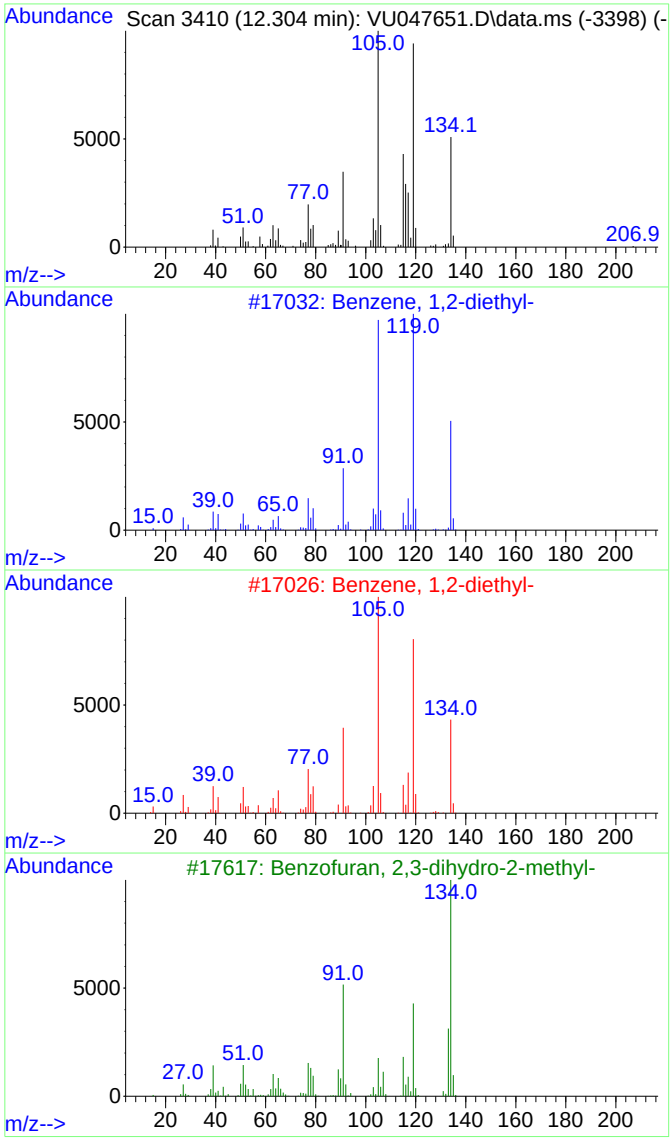
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

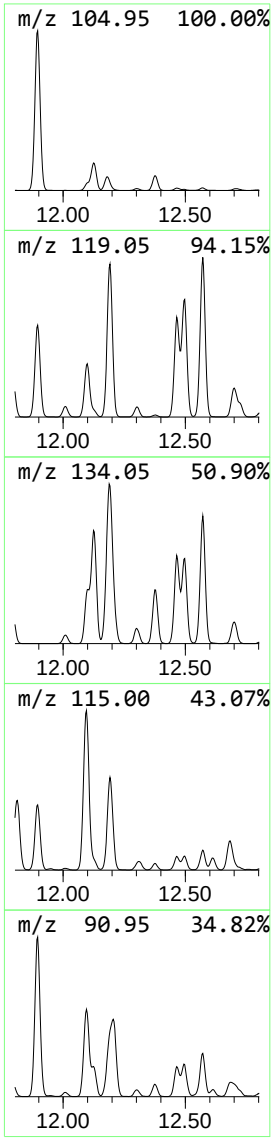
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1,2-diethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	6.41 ug/L	172986	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	87
4	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	87
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

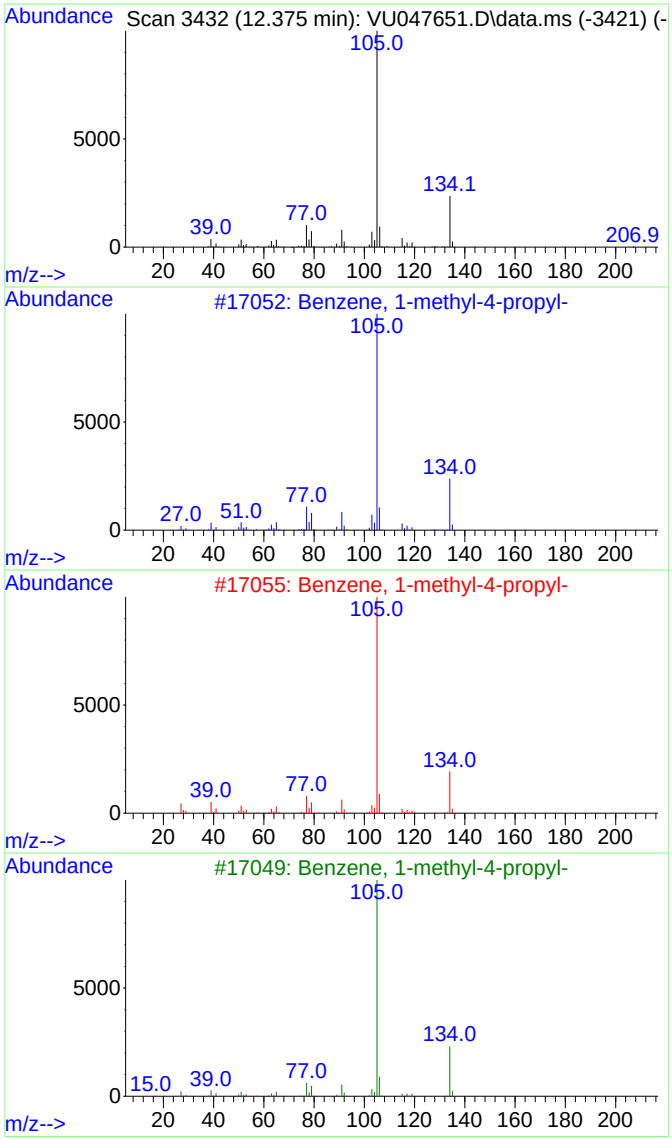
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

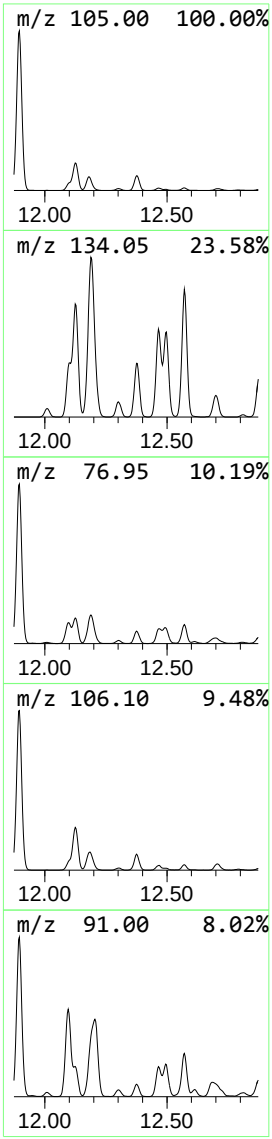
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1-methyl-2-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	18.55 ug/L	500866	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

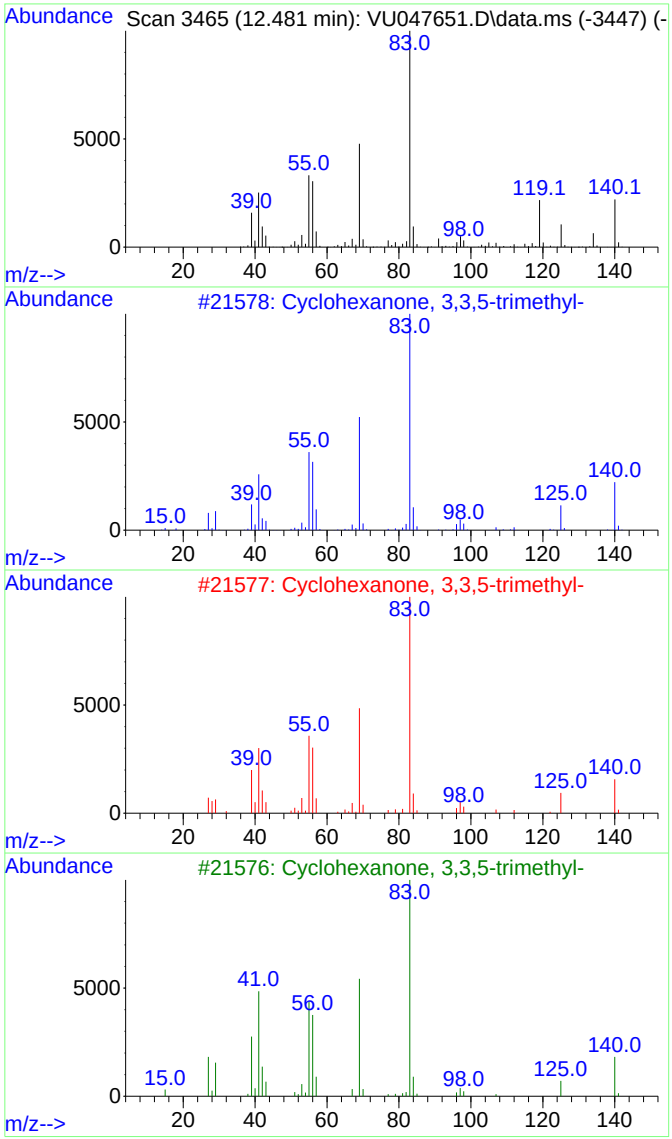
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

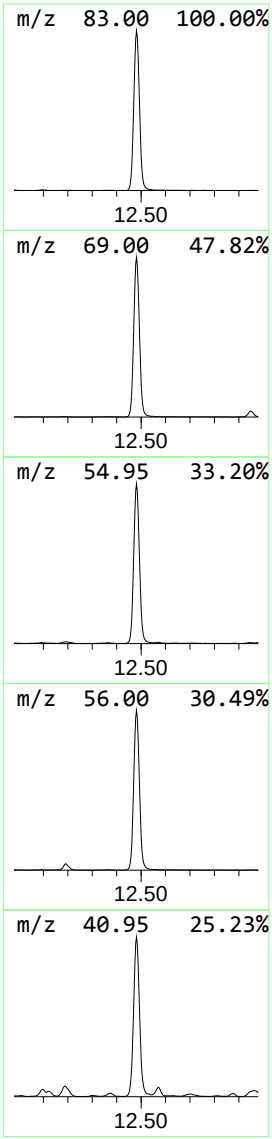
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Cyclohexanone, 3,3,5-trimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.481	168.44 ug/L	4548480	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	87
5	Verbenyl angelate, cis-	234	C15H22O2	1000383-56-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

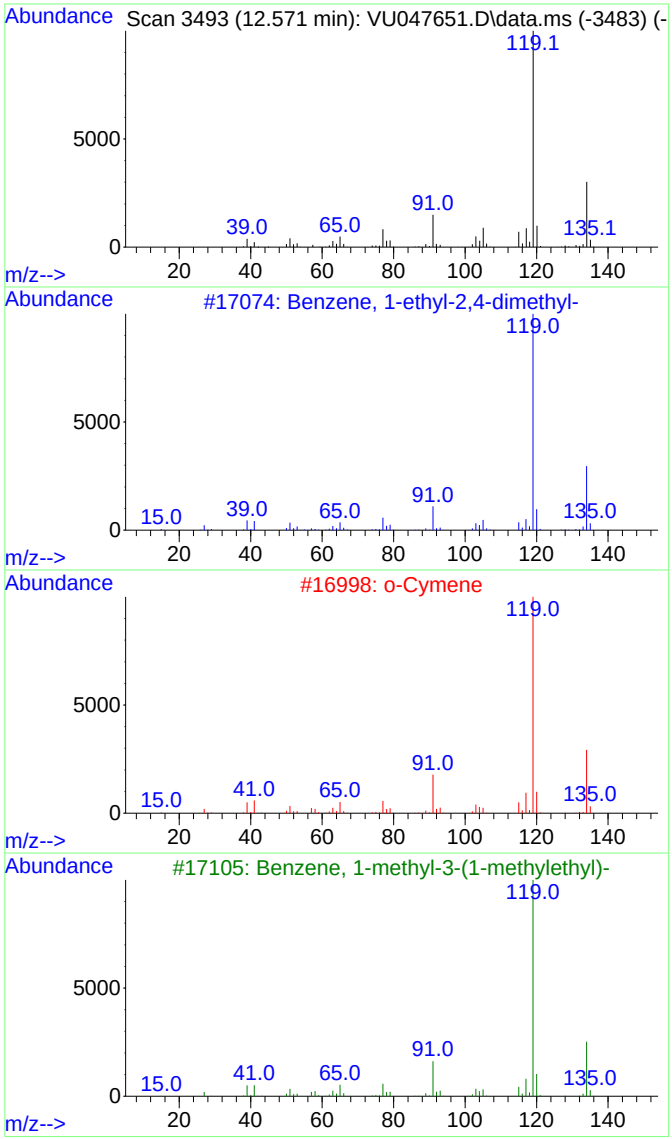
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

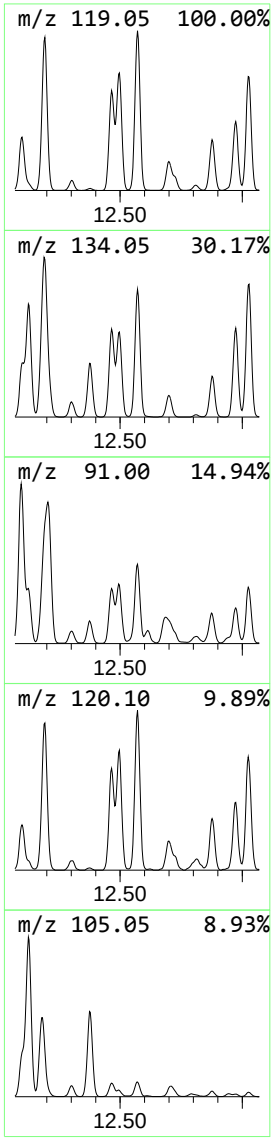
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	38.78 ug/L	1047080	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

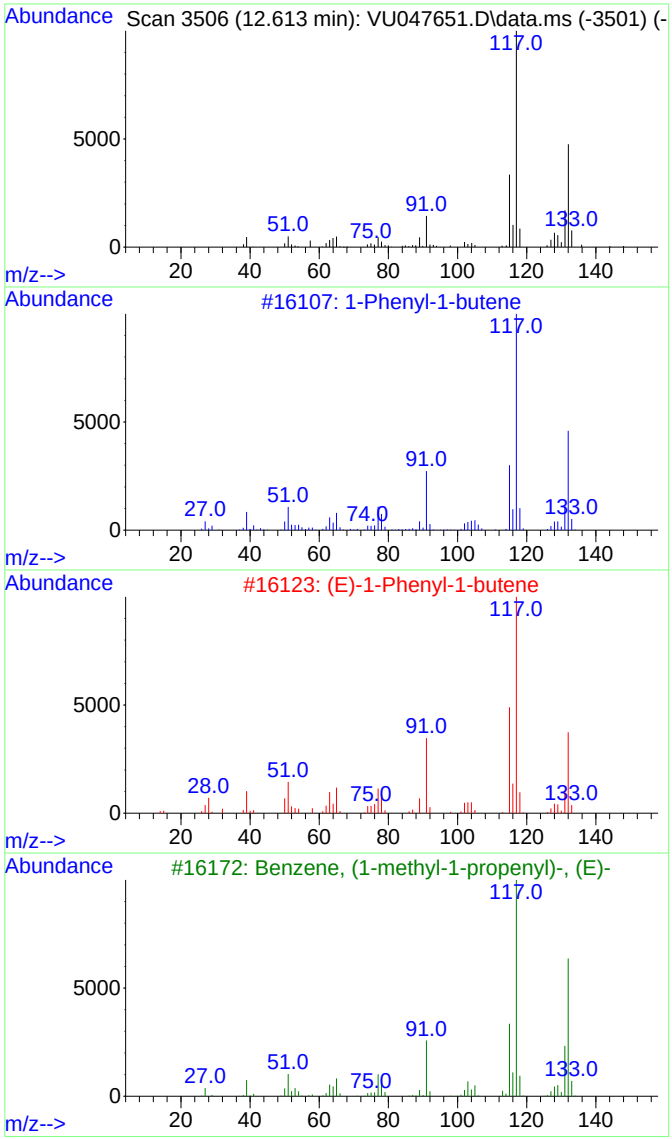
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

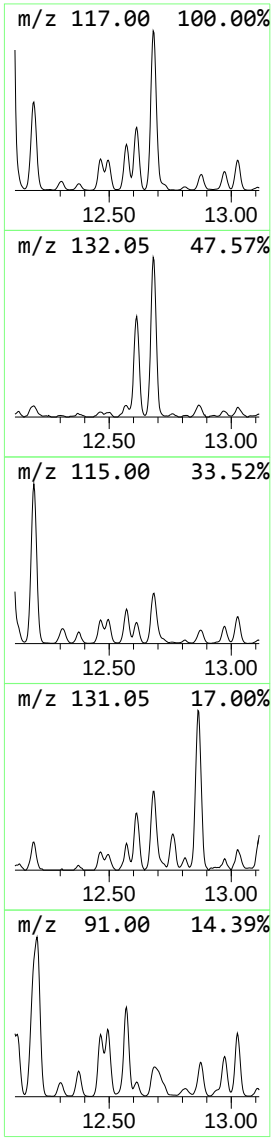
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1-Phenyl-1-butene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.613	6.29 ug/L	169737	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

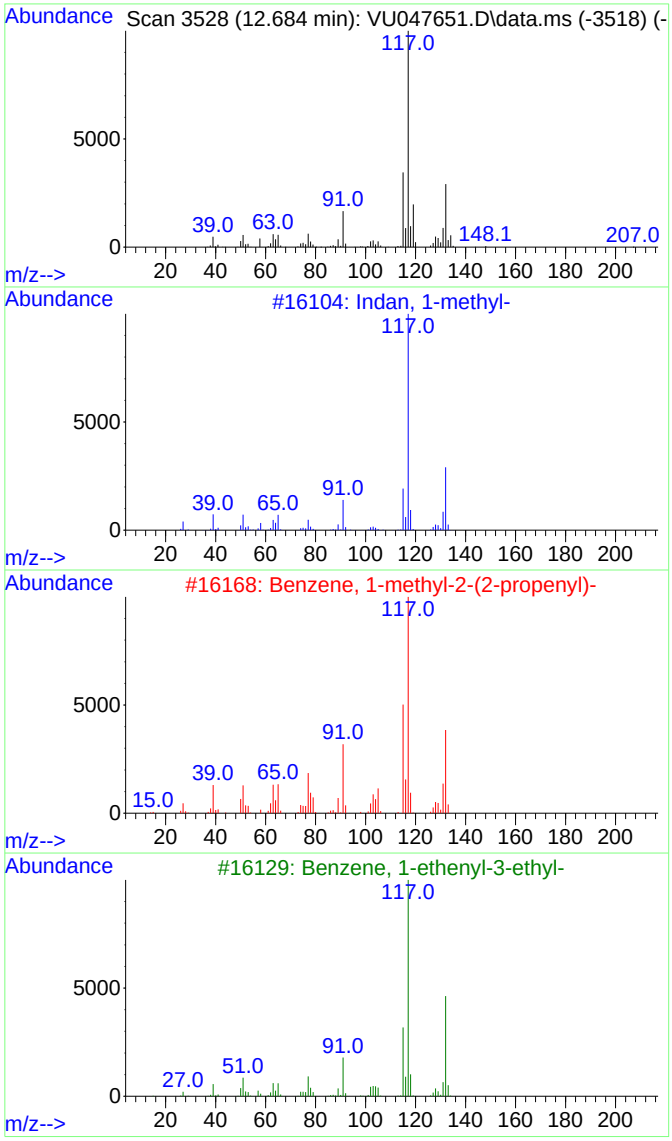
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

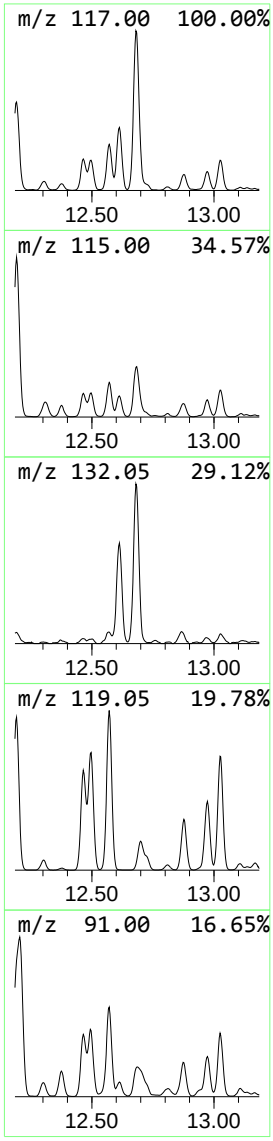
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Indan, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	25.41 ug/L	686209	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

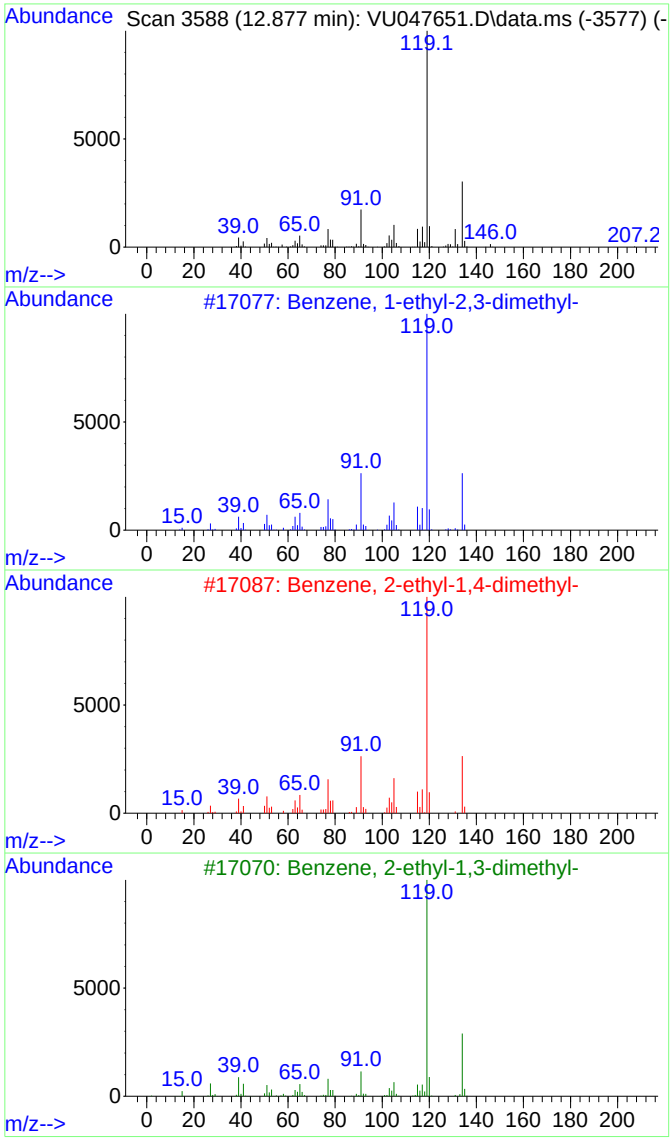
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

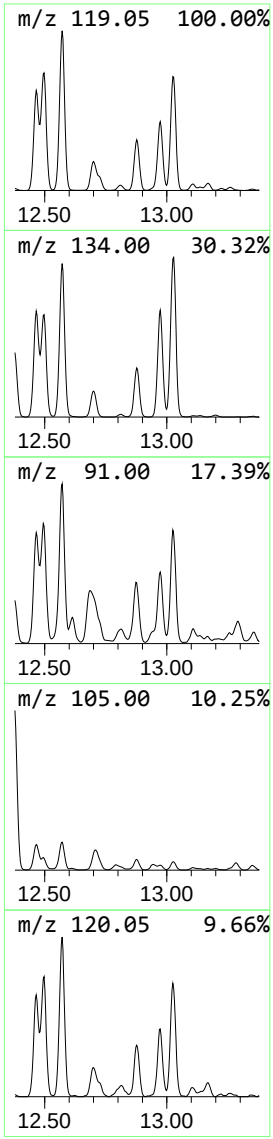
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	14.77 ug/L	398876	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

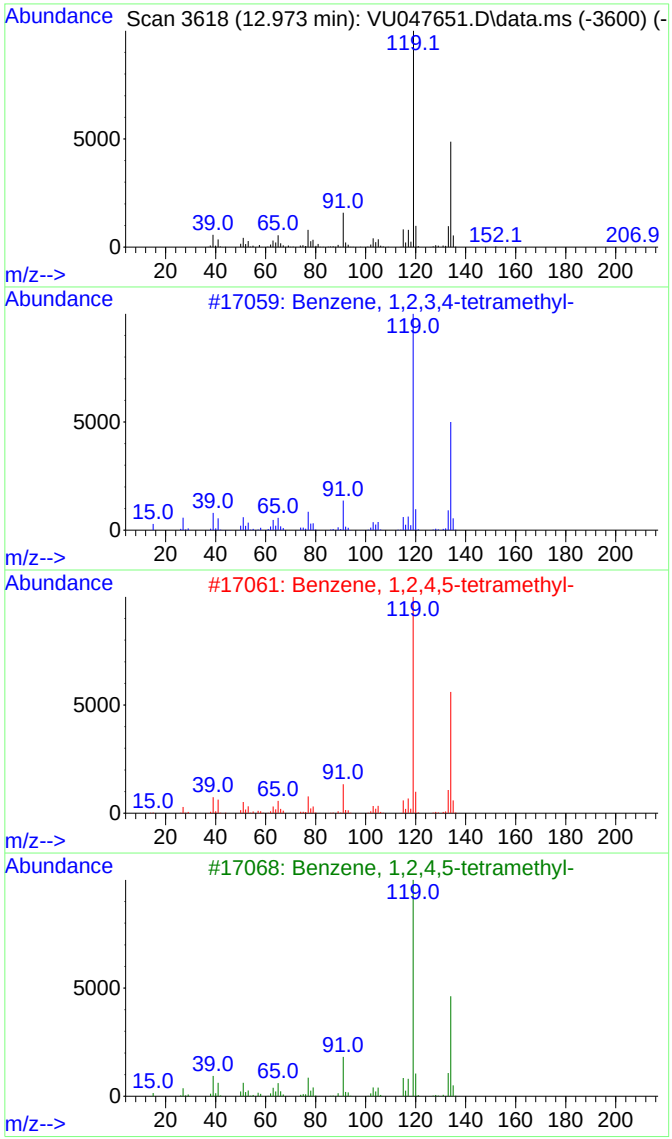
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

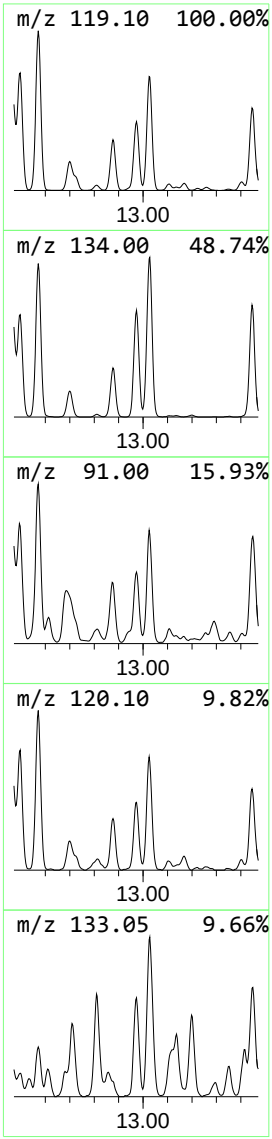
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	23.10 ug/L	623684	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

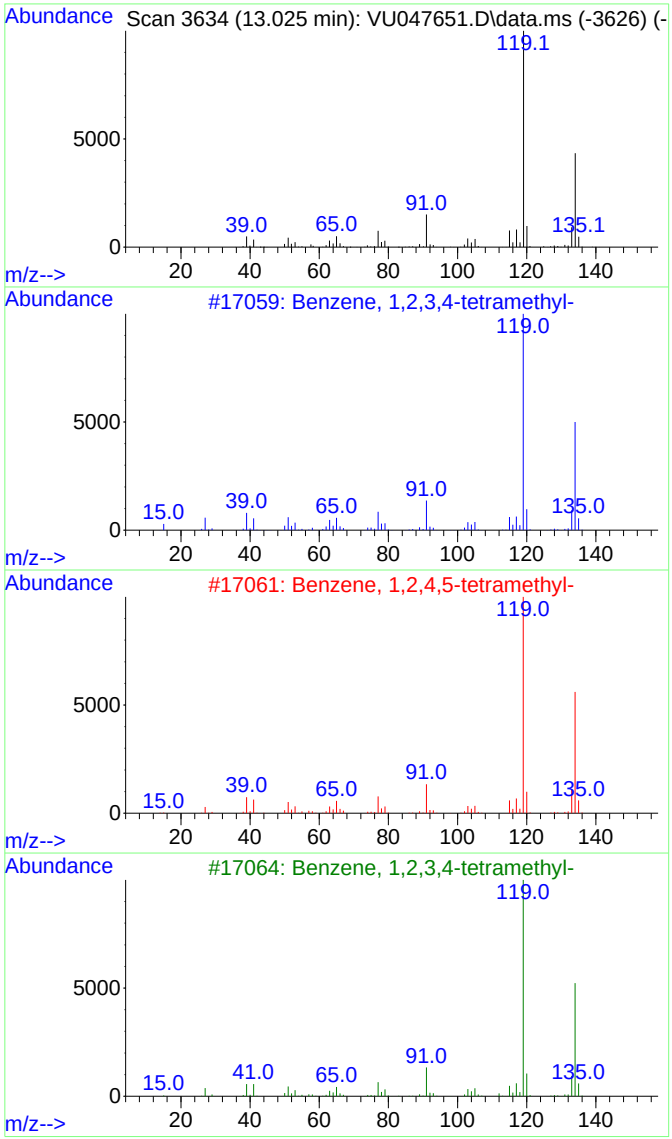
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

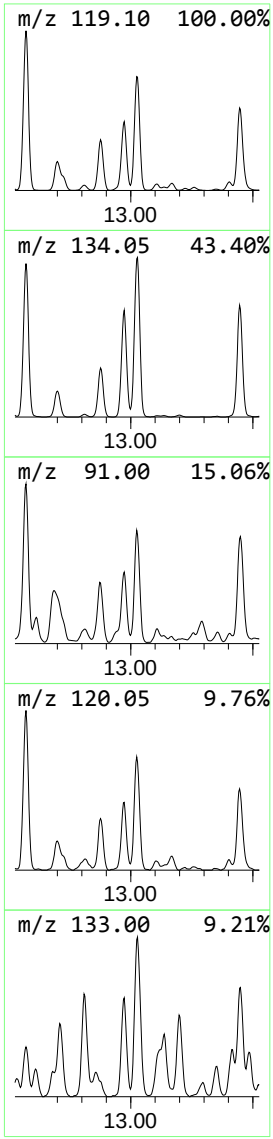
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	30.28 ug/L	817679	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

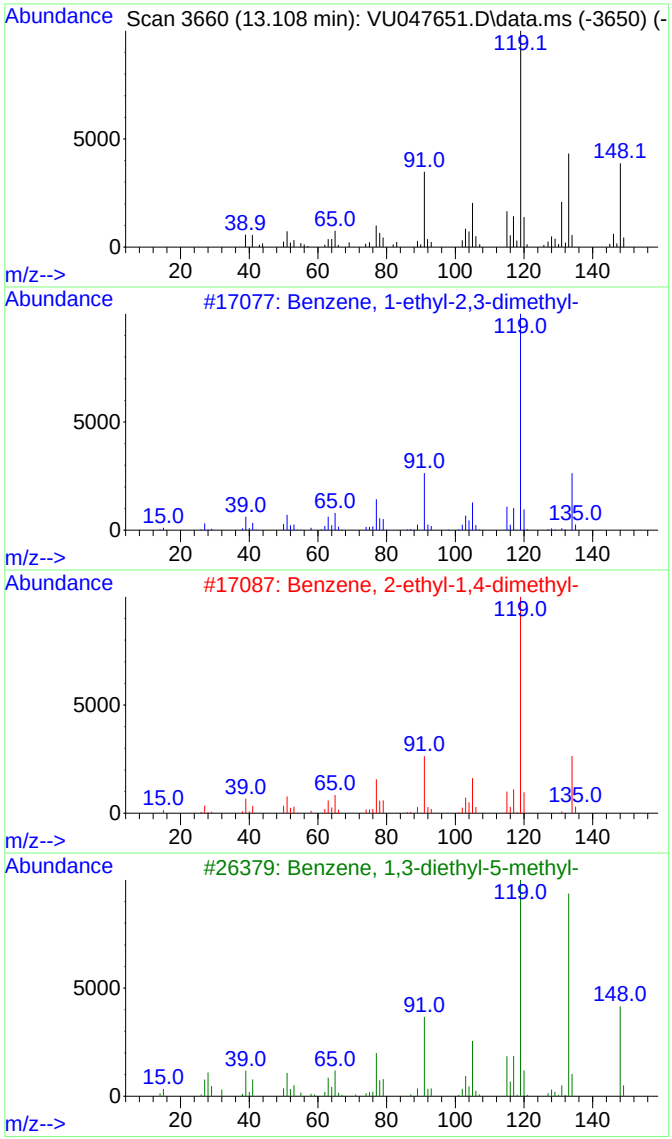
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

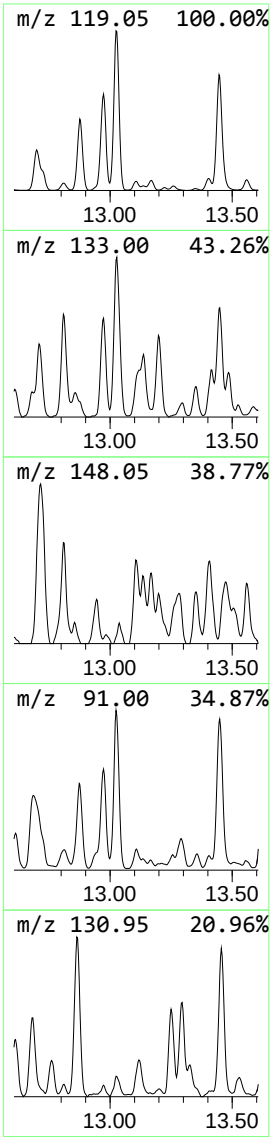
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.108	3.10 ug/L	83715	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

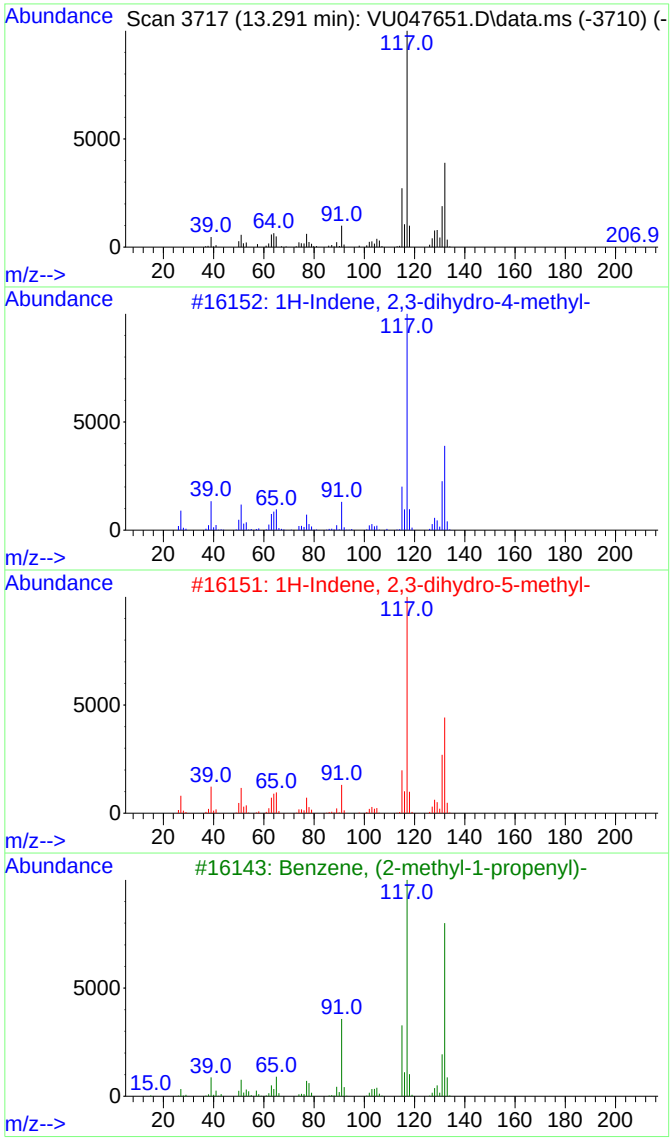
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

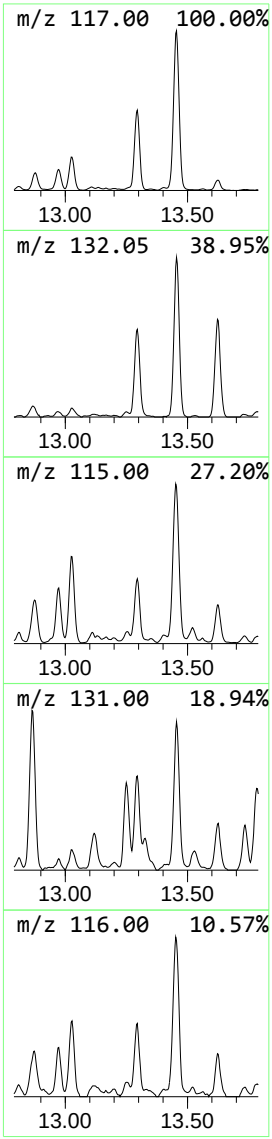
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	7.25 ug/L	195865	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

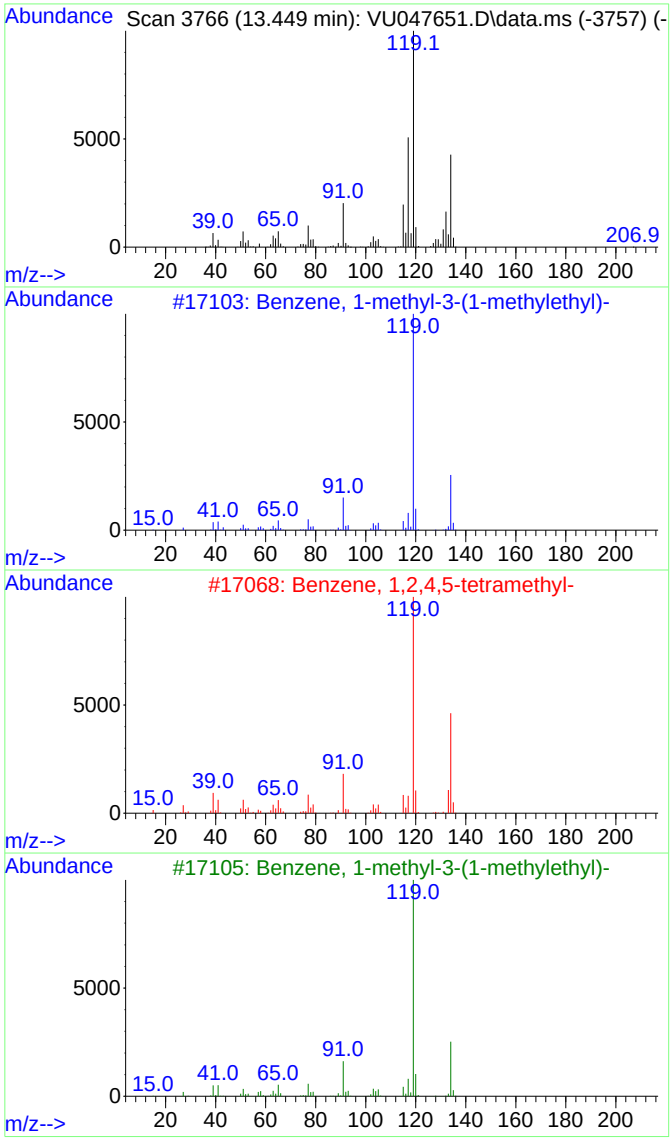
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

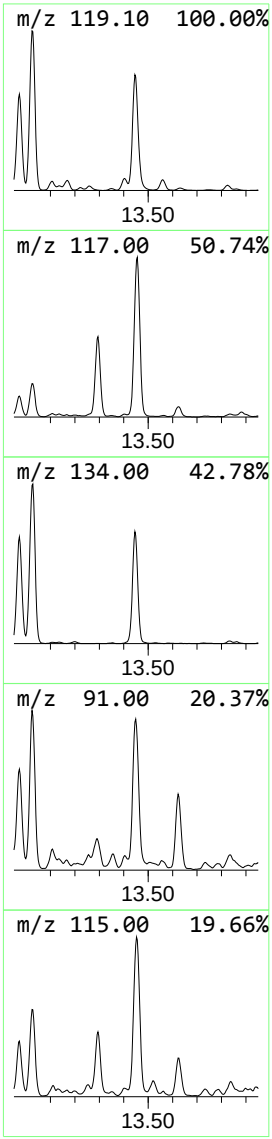
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	33.57 ug/L	906593	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	60
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58





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Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

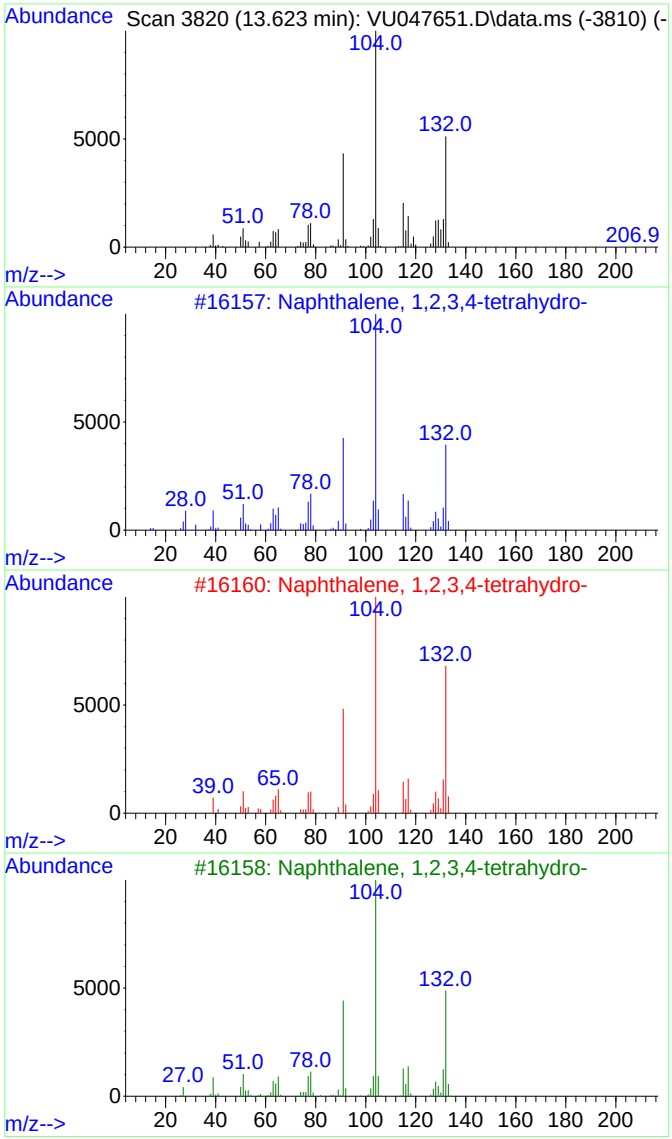
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

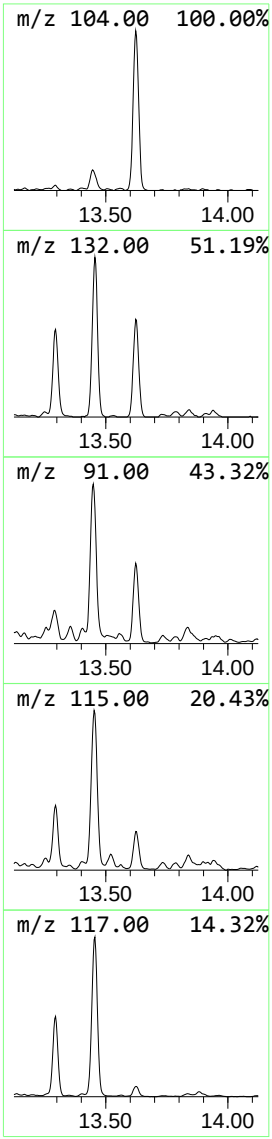
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	8.62 ug/L	232878	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90





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Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

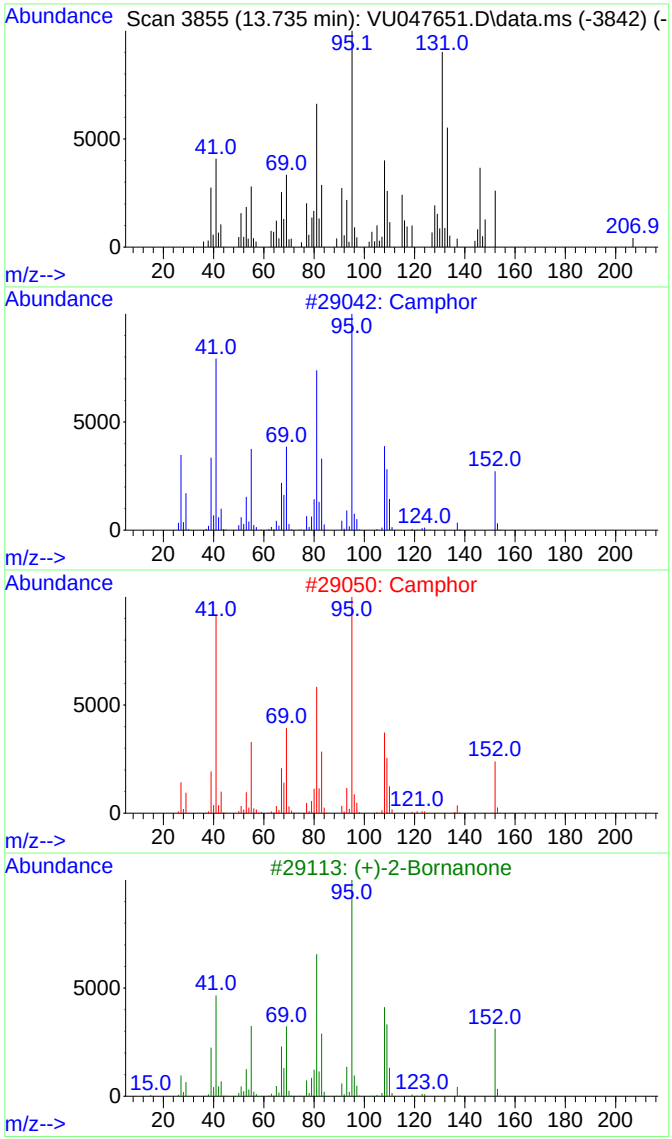
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

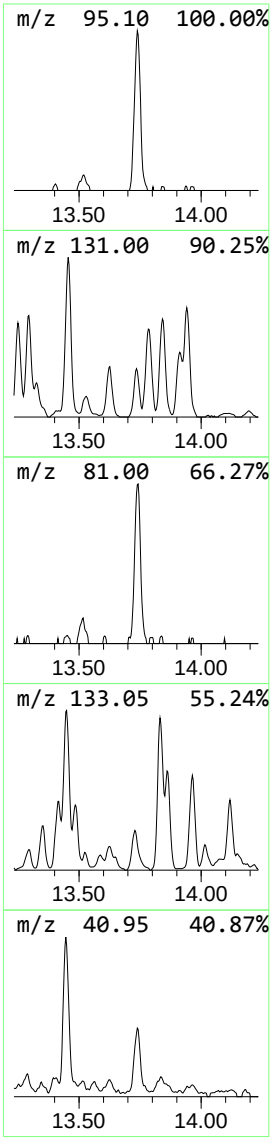
****

Peak Number 36 Camphor Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.735	3.46 ug/L	93472	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	95
2	Camphor	152	C10H16O	000076-22-2	94
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	94
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	94
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	94





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Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

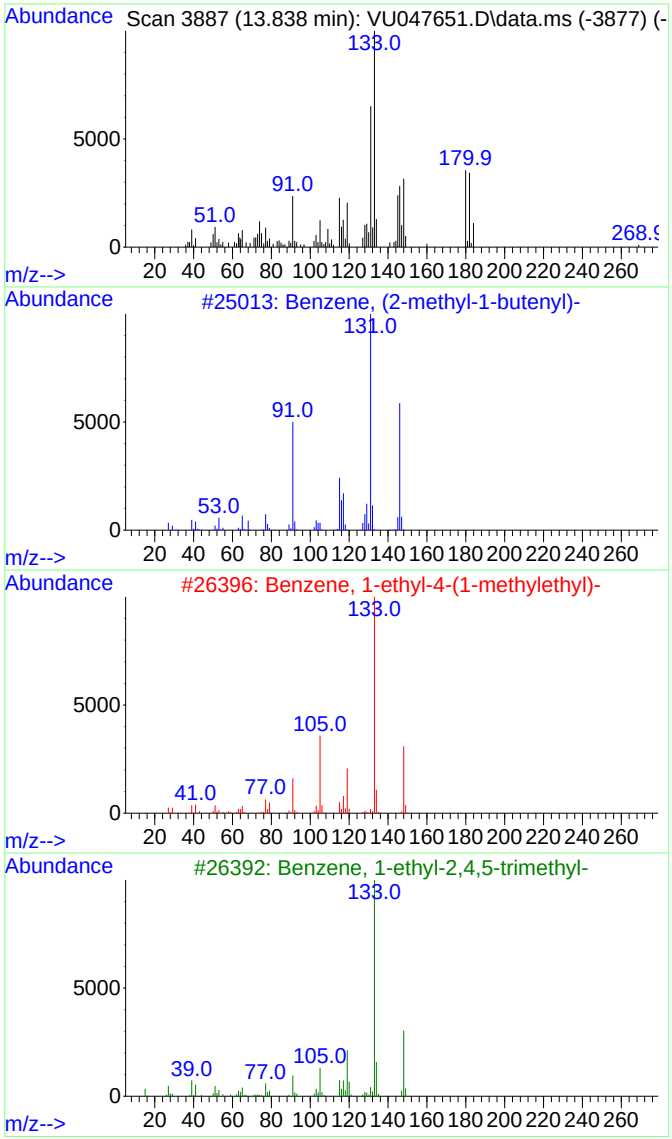
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

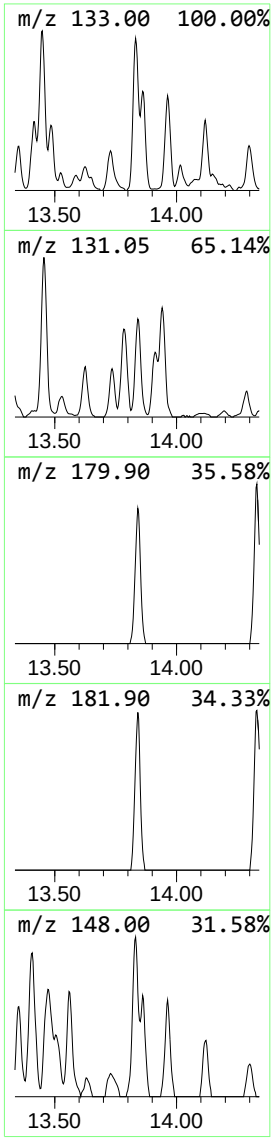
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, (2-methyl-1-butenyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.838	5.30 ug/L	143145	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	45
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	41
5	Ethanone, 2-chloro-1-(2,4-dimeth...	182	C10H11ClO	002623-45-2	38





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Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

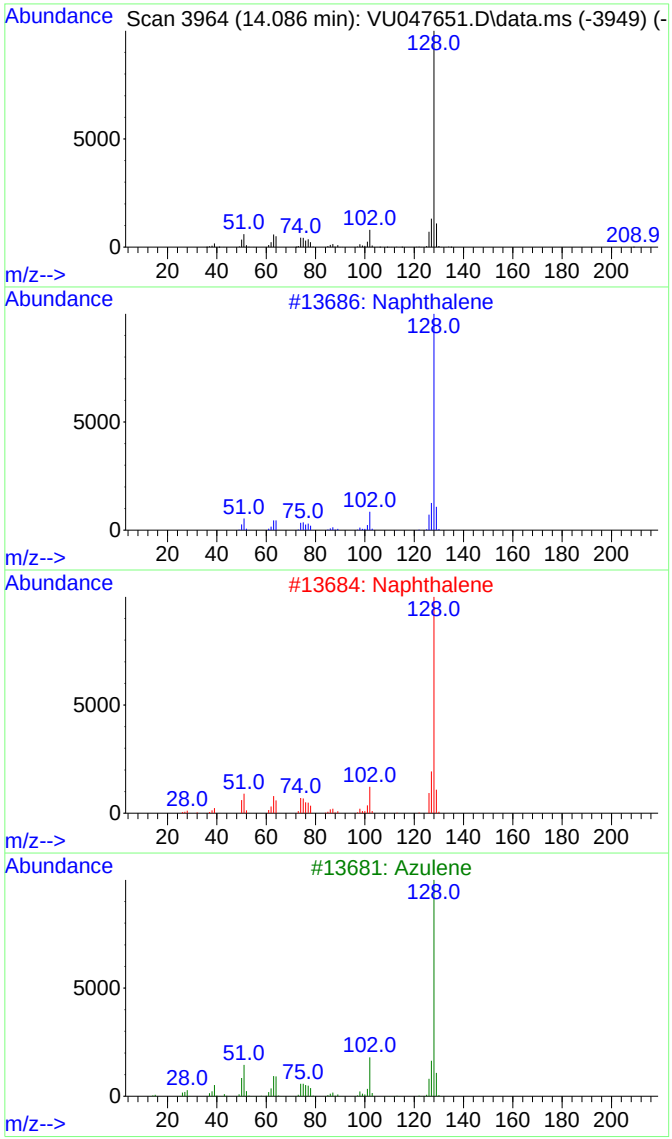
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

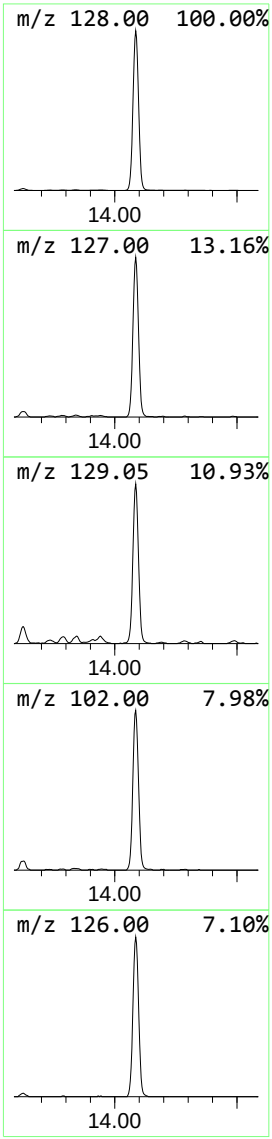
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Azulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	40.79 ug/L	1101540	1,4-Dichlorobenzene-d4	11.812

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	91
5	Azulene	128	C10H8	000275-51-4	90





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Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

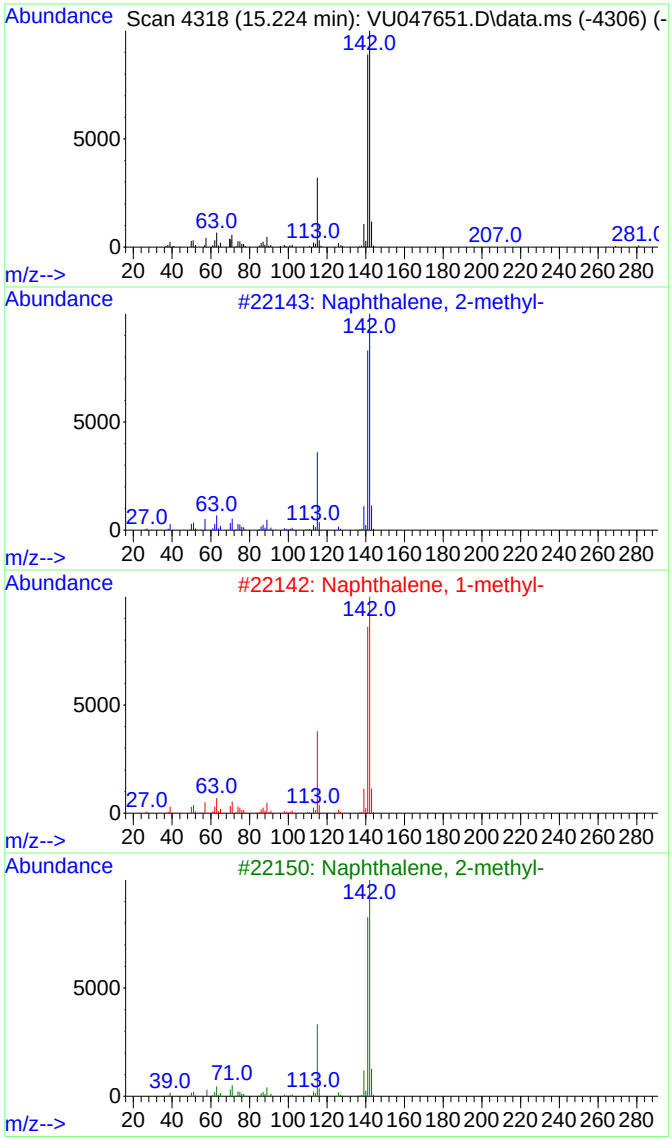
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

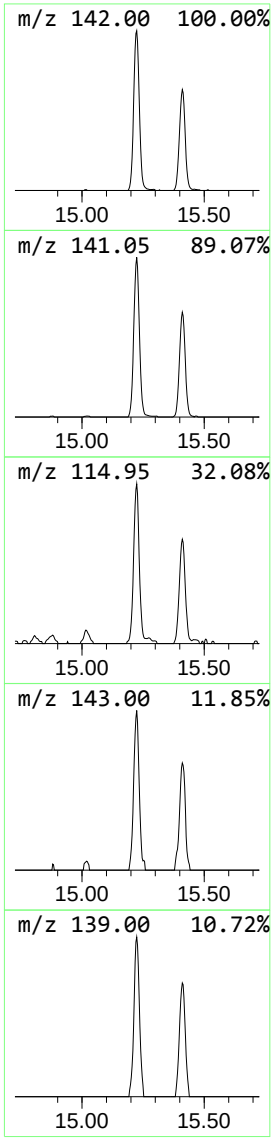
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.224	5.15 ug/L	138951	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

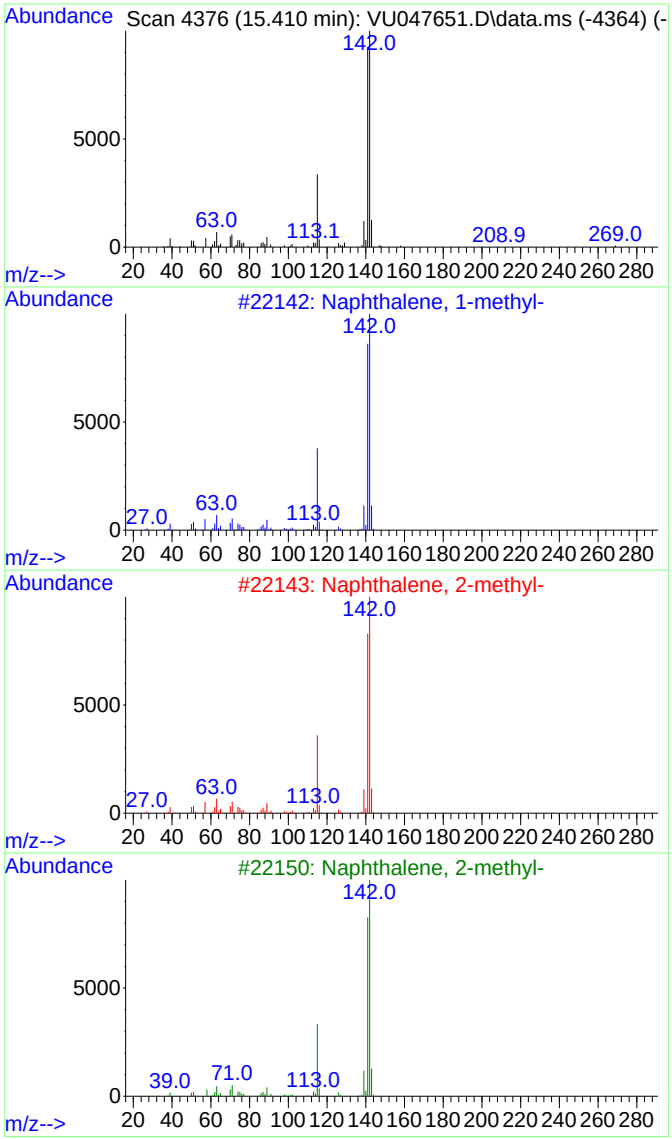
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

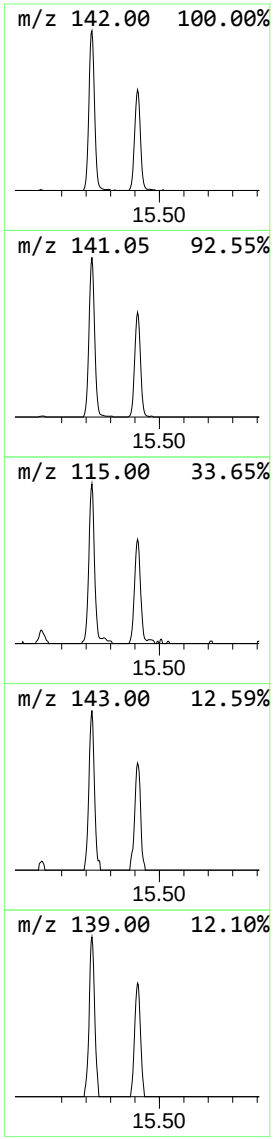
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Naphthalene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	3.50 ug/L	94470	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047651.D
Acq On : 24 Mar 2022 22:39
Operator : SY/MD
Sample : N2081-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.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
Fluorodichlorom...	2.086	6.5	ug/L	87917	1	6.250	675014	50.0
1-Butyne	2.250	3.8	ug/L	51470	1	6.250	675014	50.0
(DEL) Alkane: S...	3.703	2.8	ug/L	38133	1	6.250	675014	50.0
(DEL) Alkane: C...	4.536	3.3	ug/L	44155	1	6.250	675014	50.0
2-Pentanone, 3-...	8.034	5.7	ug/L	101975	2	9.417	899349	50.0
(DEL) Alkane: C...	8.867	3.1	ug/L	55268	2	9.417	899349	50.0
2-Methylbicyclo...	10.272	4.0	ug/L	72709	2	9.417	899349	50.0
(DEL) Alkane: C...	10.359	3.3	ug/L	59327	2	9.417	899349	50.0
Benzene, propyl-	10.906	62.1	ug/L	1675820	3	11.812	1350150	50.0
Benzene, 1-ethy...	10.999	258.0	ug/L	6967260	3	11.812	1350150	50.0
Benzene, 1-ethy...	11.291	167.0	ug/L	4510060	3	11.812	1350150	50.0
Benzene, (2-met...	11.610	5.1	ug/L	136539	3	11.812	1350150	50.0
Benzene, 1-meth...	11.642	10.7	ug/L	288544	3	11.812	1350150	50.0
p-Cymene	11.745	19.5	ug/L	526160	3	11.812	1350150	50.0
Benzene, 1,2,3-...	11.896	239.4	ug/L	6463640	3	11.812	1350150	50.0
Benzene, cyclop...	12.095	103.1	ug/L	2784330	3	11.812	1350150	50.0
Benzene, 1,2-di...	12.304	6.4	ug/L	172986	3	11.812	1350150	50.0
Benzene, 1-meth...	12.375	18.6	ug/L	500866	3	11.812	1350150	50.0
Cyclohexanone, ...	12.481	168.4	ug/L	4548480	3	11.812	1350150	50.0
Benzene, 1-ethy...	12.571	38.8	ug/L	1047080	3	11.812	1350150	50.0
1-Phenyl-1-butene	12.613	6.3	ug/L	169737	3	11.812	1350150	50.0
Indan, 1-methyl-	12.684	25.4	ug/L	686209	3	11.812	1350150	50.0
Benzene, 1-ethy...	12.877	14.8	ug/L	398876	3	11.812	1350150	50.0
Benzene, 1,2,3,...	12.973	23.1	ug/L	623684	3	11.812	1350150	50.0
Benzene, 1,2,4,...	13.025	30.3	ug/L	817679	3	11.812	1350150	50.0
Benzene, 2-ethy...	13.108	3.1	ug/L	83715	3	11.812	1350150	50.0
1H-Indene, 2,3-...	13.291	7.3	ug/L	195865	3	11.812	1350150	50.0
Benzene, 1-meth...	13.449	33.6	ug/L	906593	3	11.812	1350150	50.0
Naphthalene, 1,...	13.623	8.6	ug/L	232878	3	11.812	1350150	50.0
Camphor	13.735	3.5	ug/L	93472	3	11.812	1350150	50.0
Benzene, (2-met...	13.838	5.3	ug/L	143145	3	11.812	1350150	50.0
Azulene	14.086	40.8	ug/L	1101540	3	11.812	1350150	50.0
Naphthalene, 2-...	15.224	5.2	ug/L	138951	3	11.812	1350150	50.0
Naphthalene, 1-...	15.410	3.5	ug/L	94470	3	11.812	1350150	50.0