LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

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\SFAMULM112921WMA.M
Title : VOC Analysis

Signal : TIC: VU046195.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	74	83	104	rVB2	655198	743230	3.42%	0.976%
2	1.938	171	186	201	rBV2	264559	424194	1.95%	0.557%
3	2.086	224	232	244	rBV	12391	17274	0.08%	0.023%
4	2.250	276	283	294	rVB2	5240	6797	0.03%	0.009%
5	2.581	370	386	408	rBV4	261402	522416	2.41%	0.686%
6	3.051	523	532	540	rBV2	5415	10274	0.05%	0.013%
7	3.359	615	628	645	rBV	67654	134442	0.62%	0.177%
8	3.710	724	737	750	rVB2	8916	19613	0.09%	0.026%
9	3.877	765	789	815	rBV	3966622	9402108	43.31%	12.349%
10	4.536	983	994	1010	rVB3	8396	19213	0.09%	0.025%
11	4.671	1012	1036	1065	rBV	9517328	21707464	100.00%	28.512%
12	5.067	1147	1159	1179	rVB	133066	294231	1.36%	0.386%
13	5.321	1221	1238	1255	rBV	659039	1486531	6.85%	1.952%
14	5.729	1343	1365	1377	rBV2	262557	722327	3.33%	0.949%
15	5.989	1438	1446	1459	rVB6	3556	7155	0.03%	0.009%
16	6.137	1483	1492	1503	rBV6	3735	8054	0.04%	0.011%
17	6.250	1513	1527	1547	rBV	245356	460696	2.12%	0.605%
18	6.543	1605	1618	1634	rVB	62456	116252	0.54%	0.153%
19	6.694	1647	1665	1677	rBV	164768	321390	1.48%	0.422%
20	6.764	1679	1687	1709	rVB2	42391	88699	0.41%	0.117%
21	7.568	1924	1937	1950	rBV	98269	173380	0.80%	0.228%
22	7.793	1995	2007	2018	rBV	37523	66615	0.31%	0.087%
23	7.861	2019	2028	2029	rBV3	10672	13678	0.06%	0.018%
24	7.899	2030	2040	2051	rVV	326553	546060	2.52%	0.717%
25	7.970	2051	2062	2076	rVV	921536	1557473	7.17%	2.046%
26	8.179	2117	2127	2139	rBV	69283	111215	0.51%	0.146%
27	8.243	2139	2147	2161	rVB3	12678	23547	0.11%	0.031%
28	8.369	2174	2186	2195	rBV5	5836	11452	0.05%	0.015%
29	8.472	2210	2218	2231	rVB2	4812	8607	0.04%	0.011%
30	8.555	2231	2244	2257	rBV	148812	253562	1.17%	0.333%
31	8.636	2257	2269	2300	rVB	252388	453813	2.09%	0.596%
32	8.809	2314	2323	2331	rBV5	5682	10348	0.05%	0.014%
33	8.867	2332	2341	2350	rVV2	21253	35198	0.16%	0.046%
34	8.925	2351	2359	2369	rVV2	8833	14809	0.07%	0.019%
35	9.417	2500	2512	2532	rVV	350857	581135	2.68%	0.763%
36	9.513	2533	2542	2548	rVV3	9948	16591	0.08%	0.022%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
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Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

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\SFAMULM112921WMA.M
Title : VOC Analysis

37	9.571	2548	2560	2582	rVV	772822	1259270	5.80%	1.654%
38	9.694	2583	2598	2630	rVV	1928449	3222463	14.84%	4.233%
39	9.896	2650	2661	2665	rBV4	4083	6792	0.03%	0.009%
40	10.041	2691	2706	2711	rBV5	6659	13126	0.06%	0.017%
41	10.102	2711	2725	2750	rVV	1182673	1898120	8.74%	2.493%
42	10.237	2760	2767	2771	rVV5	4785	7026	0.03%	0.009%
43	10.275	2771	2779	2793	rVB2	21905	37095	0.17%	0.049%
44	10.362	2794	2806	2819	rBV8	11750	24821	0.11%	0.033%
45	10.484	2834	2844	2858	rBV	161741	249247	1.15%	0.327%
46	10.697	2900	2910	2918	rBV6	10292	17875	0.08%	0.023%
47	10.758	2918	2929	2941	rBV	265668	422600	1.95%	0.555%
48	10.906	2960	2975	2990	rBV	682283	1051974	4.85%	1.382%
49	10.999	2991	3004	3022	rVV	1342957	3038059	14.00%	3.990%
50	11.089	3022	3032	3053	rVV	1354468	2056926	9.48%	2.702%
51	11.230	3067	3076	3083	rVV2	15727	23704	0.11%	0.031%
52	11.292	3083	3095	3119	rVB	1336362	2132212	9.82%	2.801%
53	11.420	3127	3135	3137	rBV2	10287	12403	0.06%	0.016%
54	11.468	3138	3150	3170	rVB	5588538	8570001	39.48%	11.256%
55	11.613	3183	3195	3198	rBV	49875	72763	0.34%	0.096%
56	11.645	3199	3205	3216	rVB	97016	147848	0.68%	0.194%
57	11.745	3223	3236	3244	rBV	158511	246953	1.14%	0.324%
58	11.812	3244	3257	3270	rVB2	428373	759166	3.50%	0.997%
59	11.896	3270	3283	3296	rBV	1910979	2955498	13.62%	3.882%
60	12.009	3310	3318	3329	rVB	28262	42241	0.19%	0.055%
61	12.095	3330	3345	3352	rBV2	658794	1121391	5.17%	1.473%
62	12.192	3363	3375	3392	rVB4	774396	1426734	6.57%	1.874%
63	12.304	3398	3410	3421	rBV3	49897	82130	0.38%	0.108%
64	12.378	3421	3433	3449	rVB	156867	245450	1.13%	0.322%
65	12.481	3449	3465	3483	rBV3	395118	1126026	5.19%	1.479%
66	12.571	3483	3493	3501	rVV	329964	487466	2.25%	0.640%
67	12.613	3501	3506	3518	rVB	59755	88251	0.41%	0.116%
68	12.684	3518	3528	3549	rBV4	134972	360930	1.66%	0.474%
69	12.764	3549	3553	3559	rBV4	5431	7229	0.03%	0.009%
70	12.809	3562	3567	3576	rVB	20939	29142	0.13%	0.038%
71	12.877	3576	3588	3599	rVB2	125334	211153	0.97%	0.277%
72	12.973	3599	3618	3626	rBV	162042	275339	1.27%	0.362%
73	13.025	3626	3634	3647	rVB	256881	395802	1.82%	0.520%
74	13.108	3649	3660	3665	rBV4	23023	37314	0.17%	0.049%
75	13.198	3685	3688	3697	rVB	9547	10916	0.05%	0.014%
76	13.253	3699	3705	3709	rVV4	14915	19642	0.09%	0.026%

LSC Area Percent Report

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Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

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\SFAMULM112921WMA.M
Title : VOC Analysis

77	13.291	3710	3717	3727	rVB2	56465	85969	0.40%	0.113%
78	13.353	3731	3736	3743	rVB3	11695	14902	0.07%	0.020%
79	13.404	3743	3752	3756	rBV3	19247	28781	0.13%	0.038%
80	13.449	3757	3766	3781	rVB3	277758	468798	2.16%	0.616%
81	13.558	3795	3800	3809	rVB	10220	13204	0.06%	0.017%
82	13.623	3810	3820	3839	rVB	81203	133918	0.62%	0.176%
83	13.735	3844	3855	3863	rBV6	12995	22595	0.10%	0.030%
84	13.783	3863	3870	3877	rVB4	9629	13277	0.06%	0.017%
85	13.835	3877	3886	3901	rBV6	27750	59619	0.27%	0.078%
86	14.012	3934	3941	3949	rVB6	3809	5632	0.03%	0.007%
87	14.086	3950	3964	3980	rBV	278124	450479	2.08%	0.592%
88	14.189	3990	3996	4008	rVB5	5269	8486	0.04%	0.011%
89	14.291	4020	4028	4039	rVV5	8272	14779	0.07%	0.019%
90	14.488	4081	4089	4094	rVV3	4611	6159	0.03%	0.008%
91	14.578	4110	4117	4126	rVB	3072	5090	0.02%	0.007%
92	14.684	4136	4150	4160	rBV6	9968	23229	0.11%	0.031%
93	14.809	4181	4189	4199	rVB2	3688	5500	0.03%	0.007%
94	14.873	4202	4209	4223	rVB5	3393	5643	0.03%	0.007%
95	15.015	4246	4253	4262	rBV4	6640	9408	0.04%	0.012%
96	15.221	4305	4317	4330	rBV	60049	93446	0.43%	0.123%
97	15.410	4365	4376	4388	rVB	39806	62618	0.29%	0.082%
98	16.259	4632	4640	4650	rBV4	3773	6210	0.03%	0.008%
99	16.410	4680	4687	4693	rBV5	6079	8315	0.04%	0.011%
100	16.446	4693	4698	4707	rVB5	4381	6313	0.03%	0.008%

Sum of corrected areas: 76135311

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
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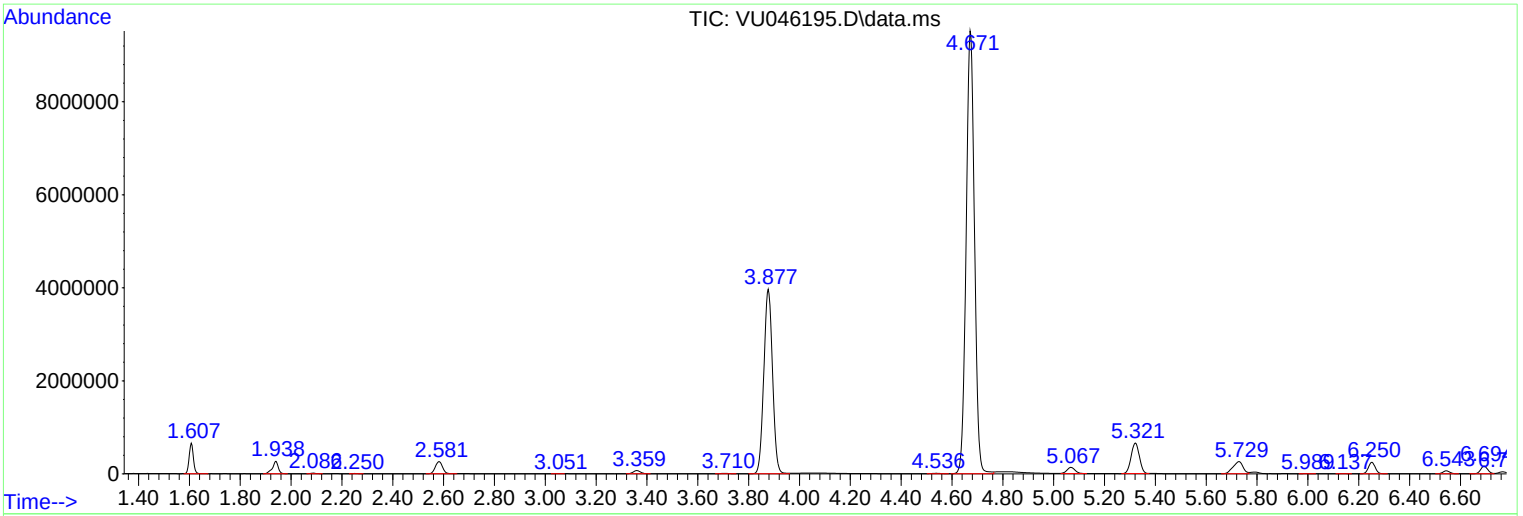
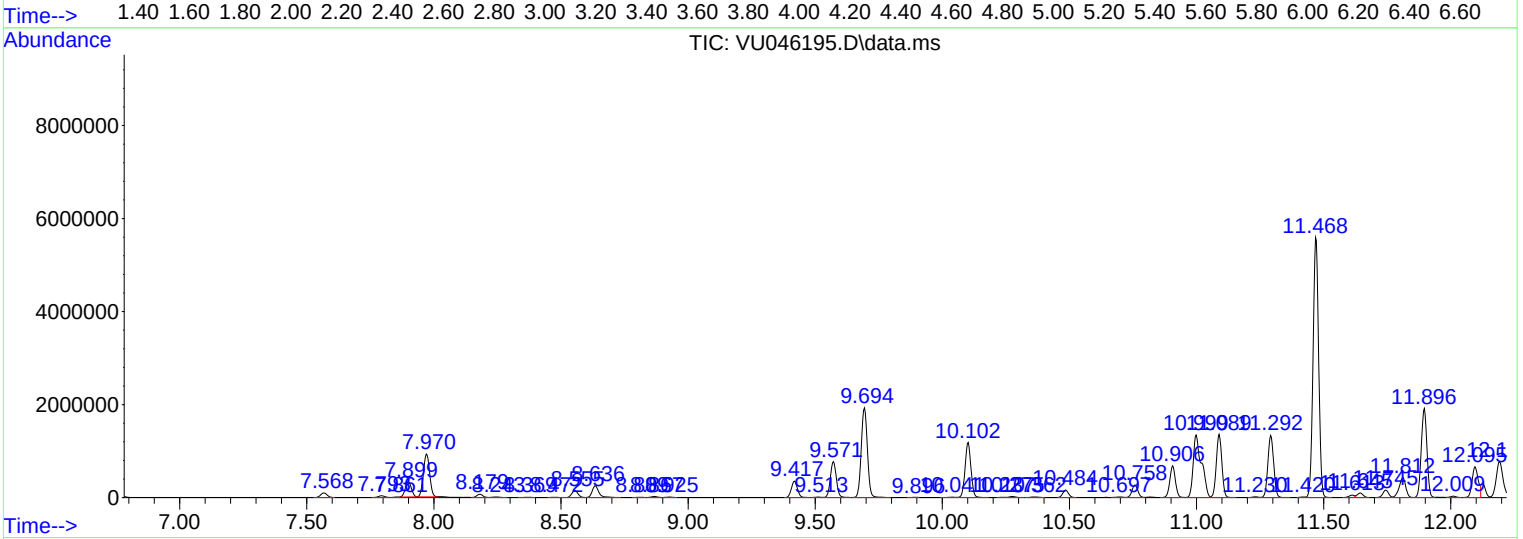
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

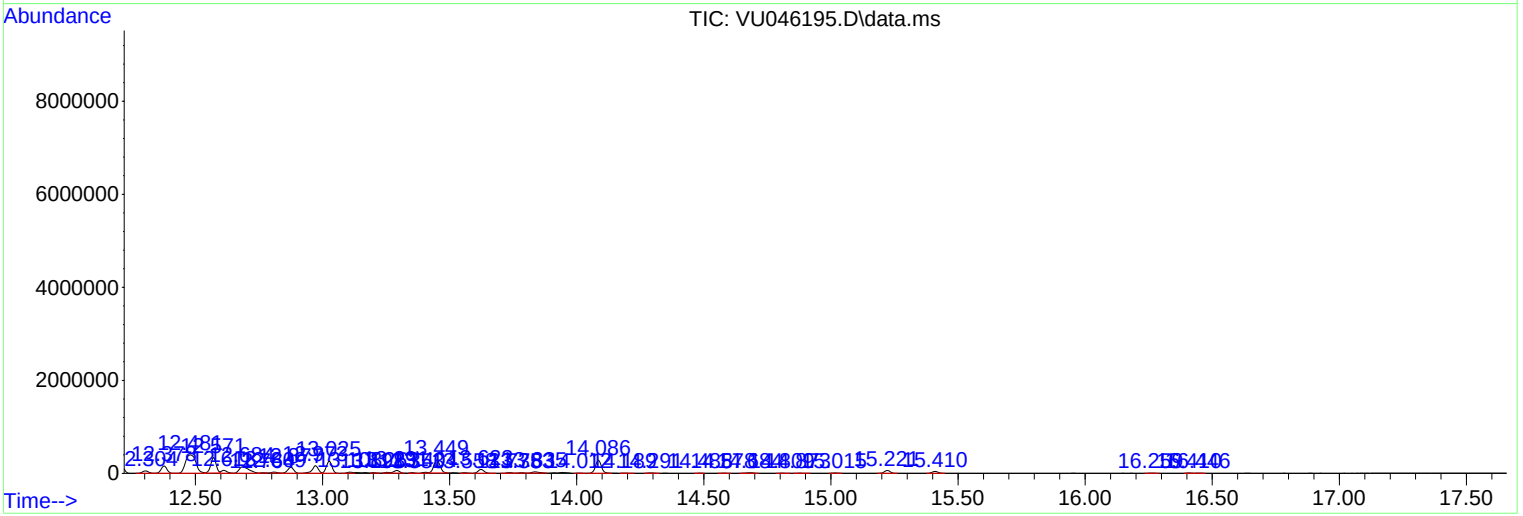
Instrument :
MSVOA_U
ClientSampleId :
EW5N7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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







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Data File : VU046195.D
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

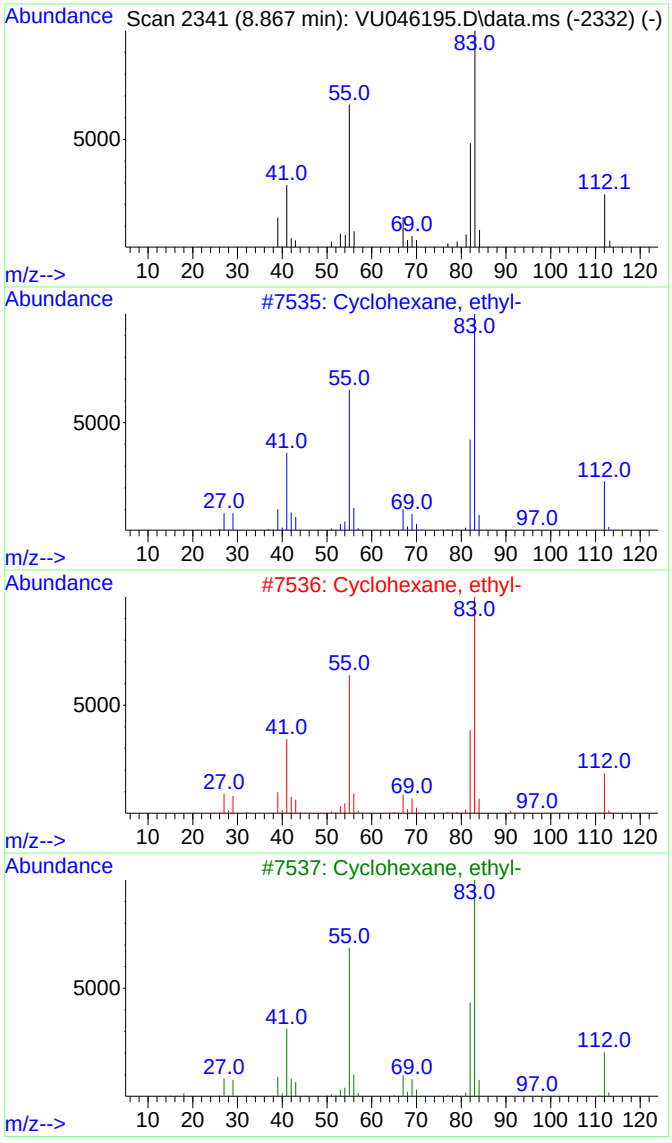
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

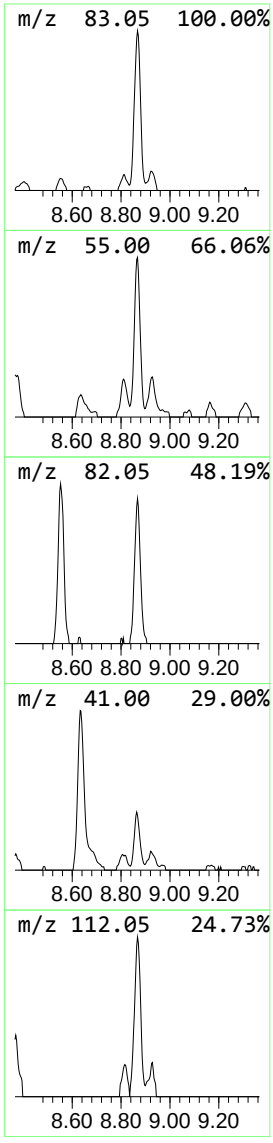
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic8.867 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.867	3.03 ug/L	35198	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	90
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87





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Acq On : 08 Dec 2021 22:57
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

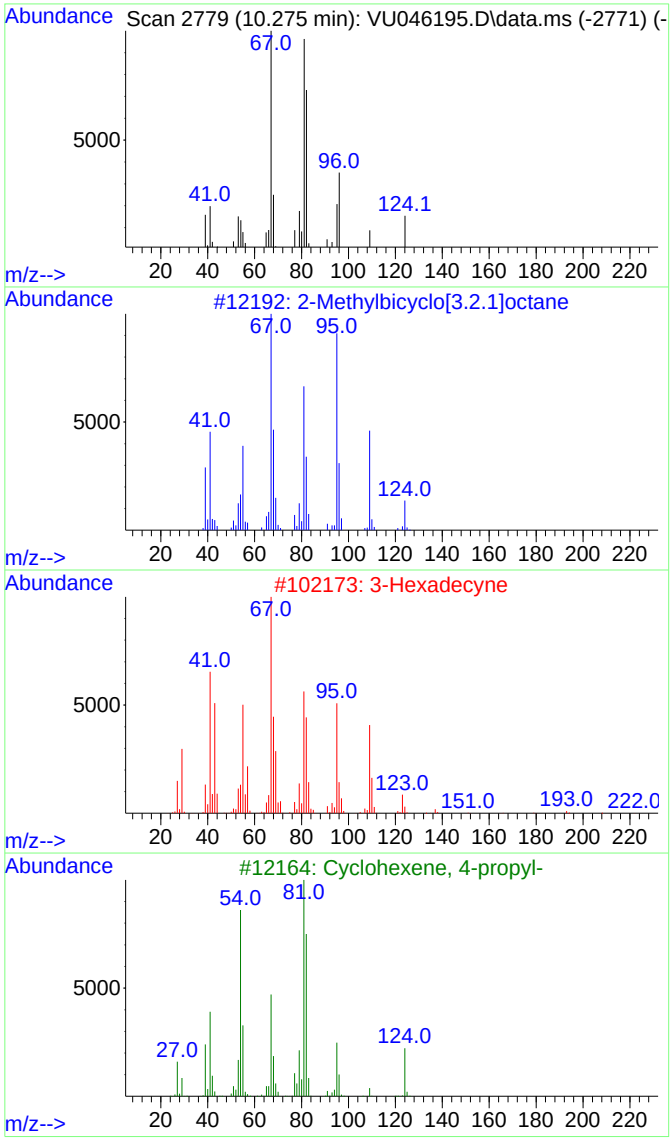
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

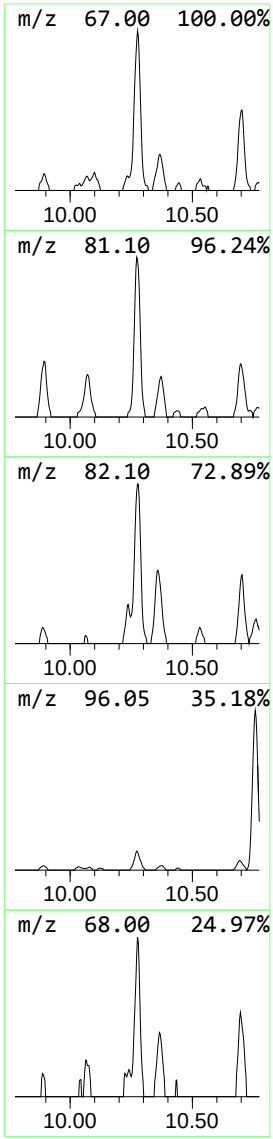
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Methylbicyclo[3.2.1]octane Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.275	3.19 ug/L	37095	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	3-Hexadecyne	222	C16H30	061886-62-2	64
3	Cyclohexene, 4-propyl-	124	C9H16	013487-64-4	62
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49





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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
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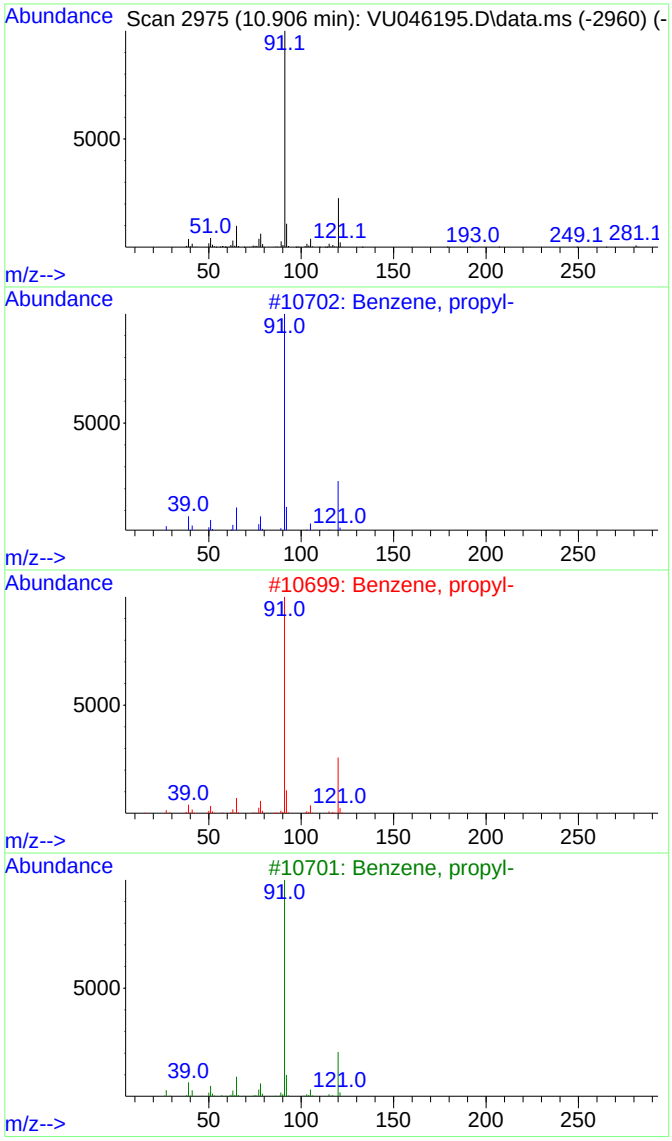
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

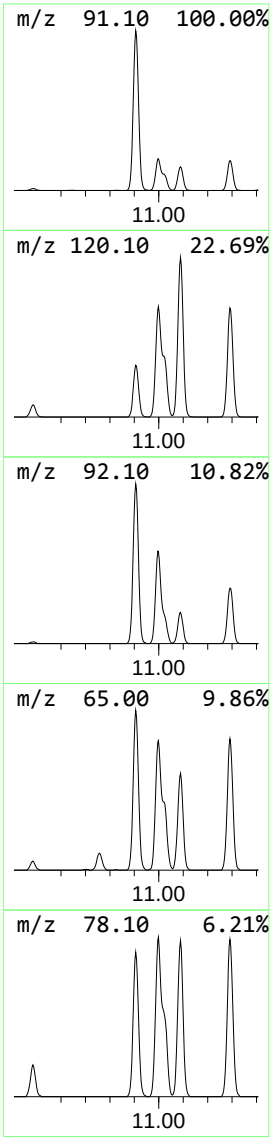
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	69.28 ug/L	1051970	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	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72





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Data File : VU046195.D
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Operator : SY/MD
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

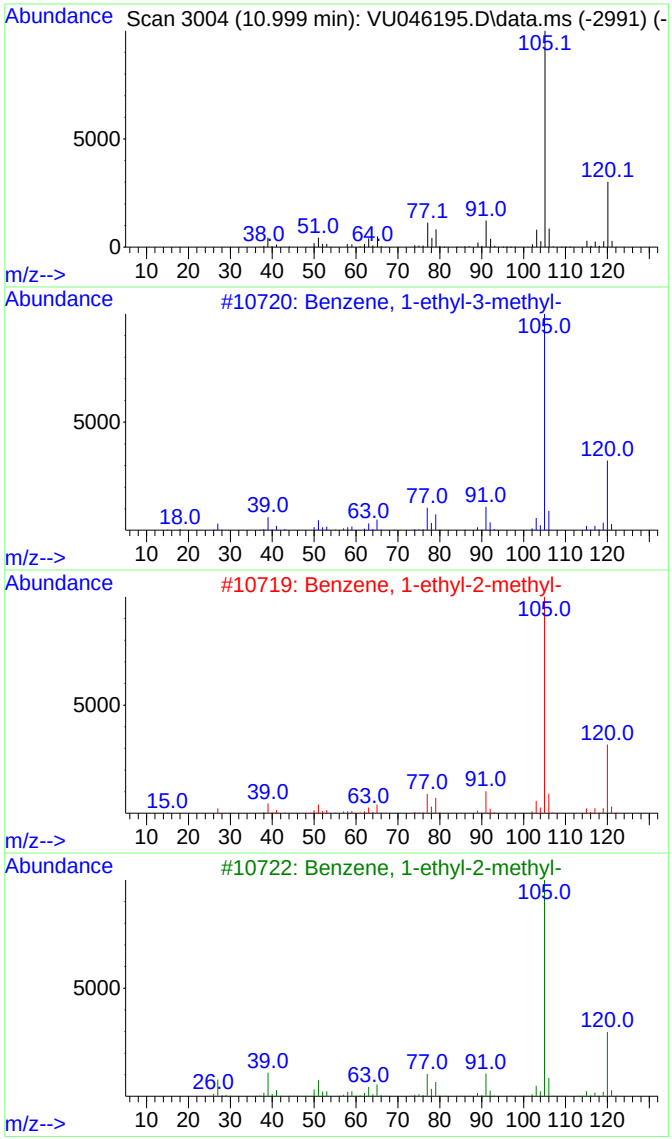
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

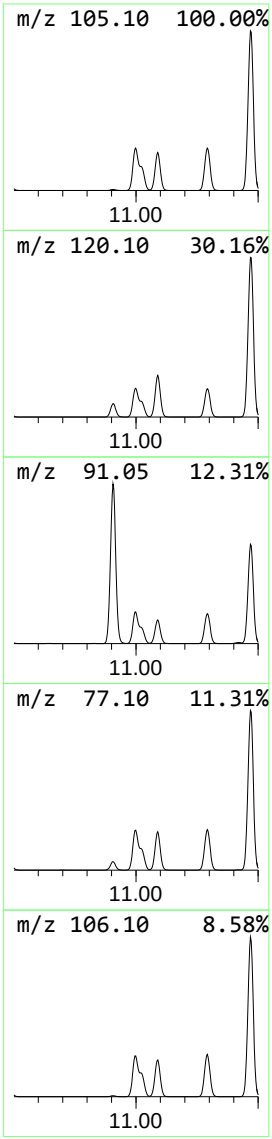
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	200.09 ug/L	3038060	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

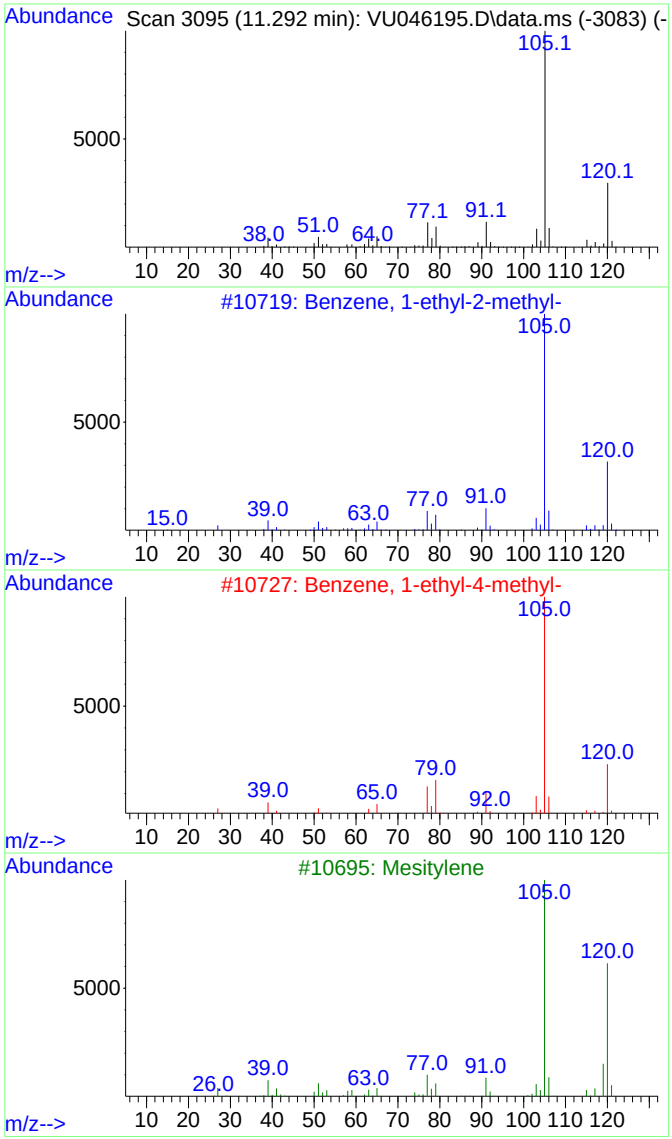
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

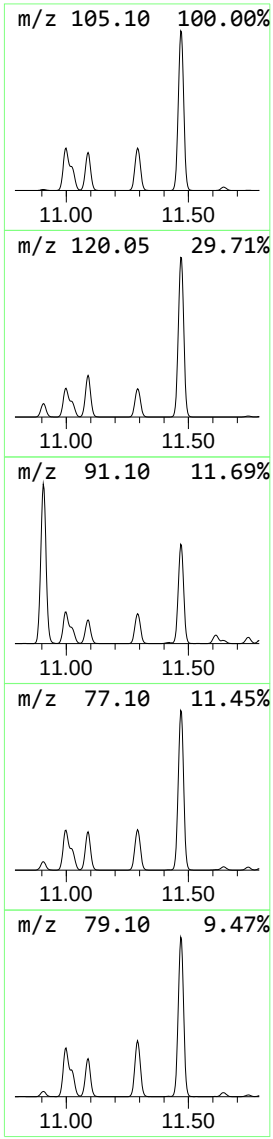
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	140.43 ug/L	2132210	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-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

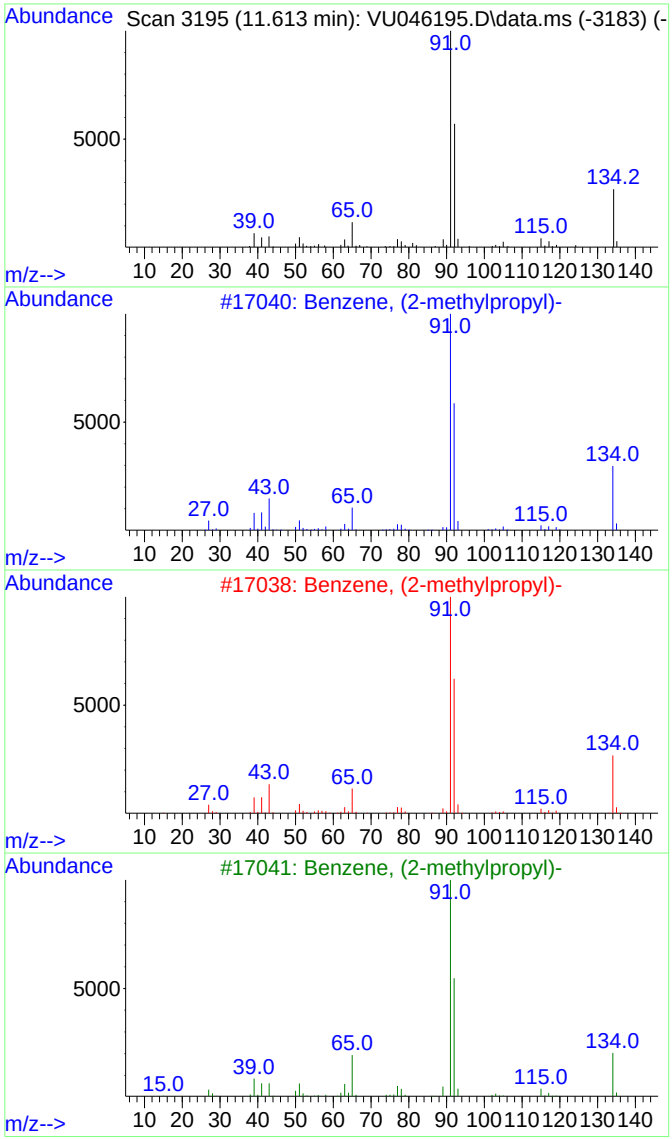
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

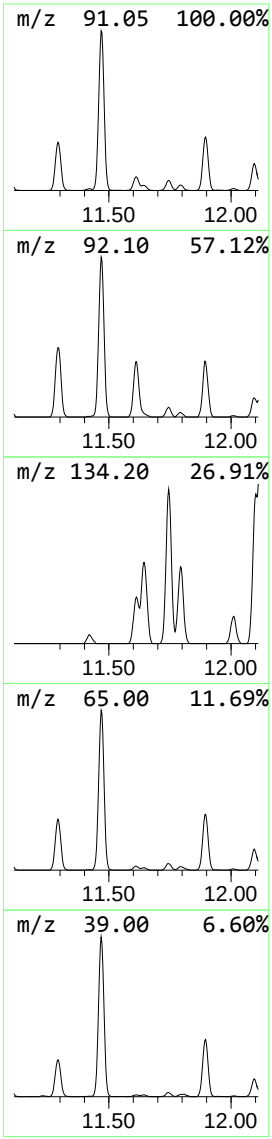
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (2-methylpropyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.613	4.79 ug/L	72763	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	90
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90





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Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

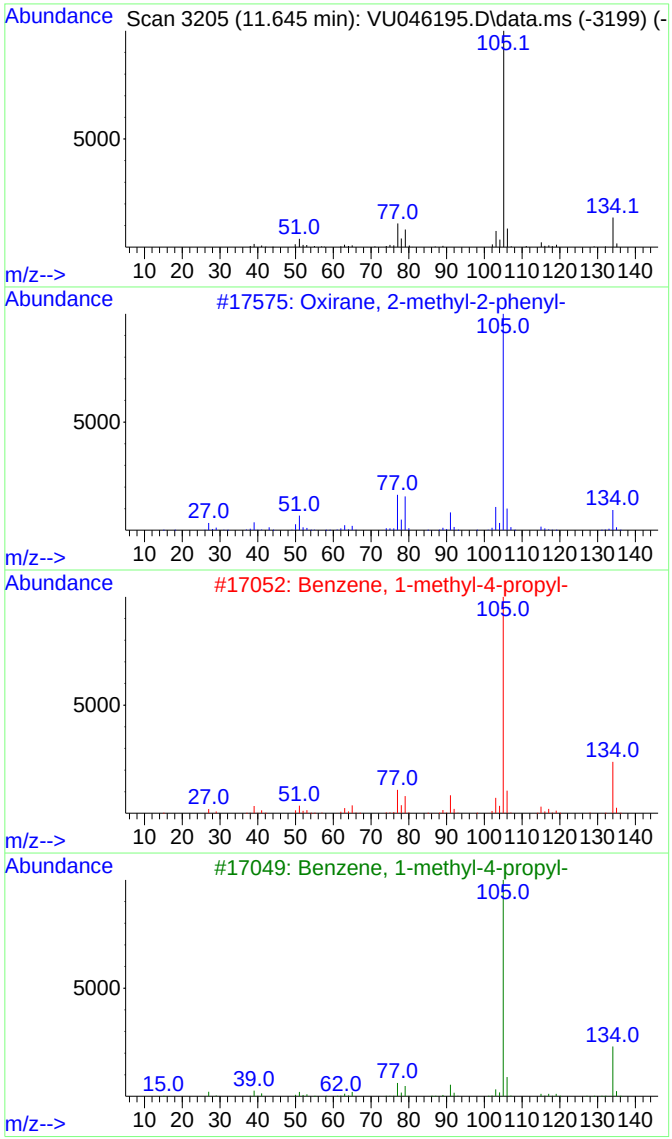
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

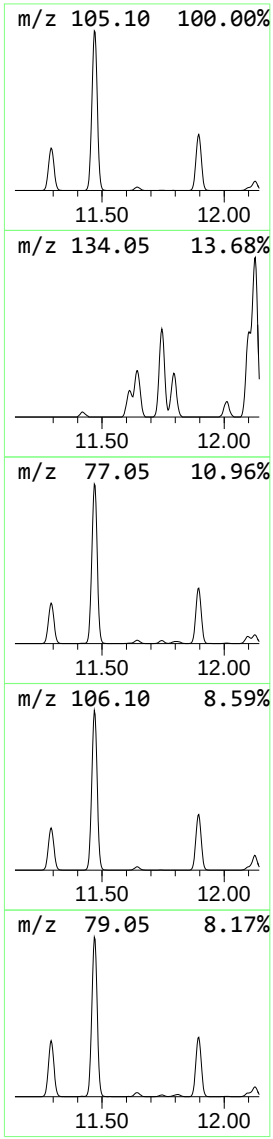
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Oxirane, 2-methyl-2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	9.74 ug/L	147848	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	78
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76





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Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

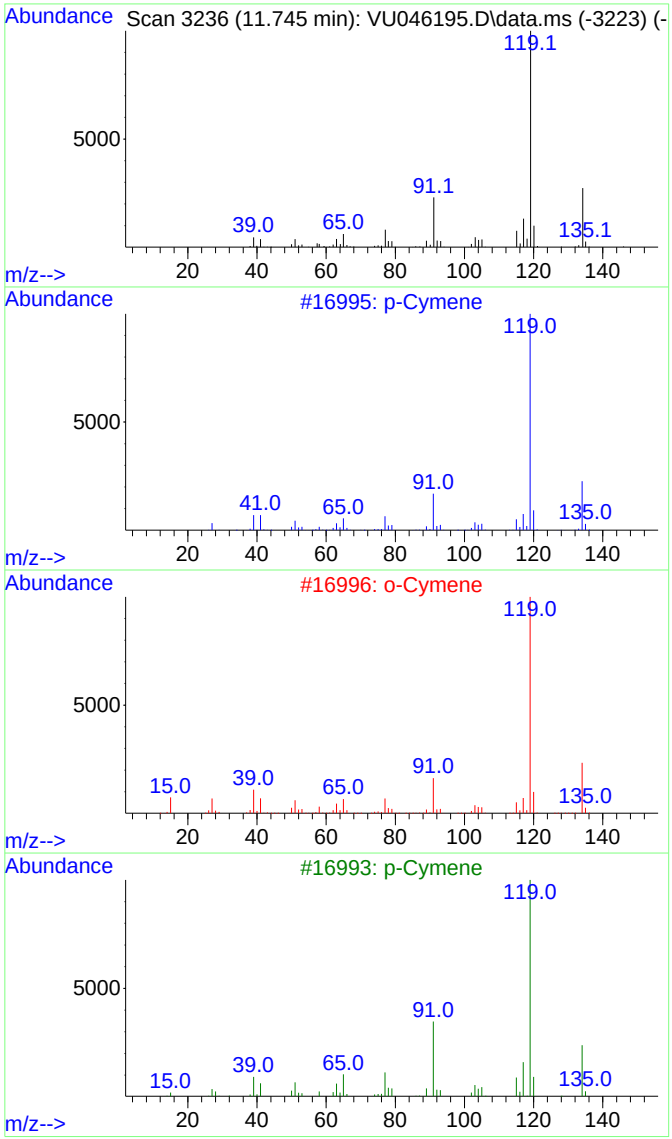
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

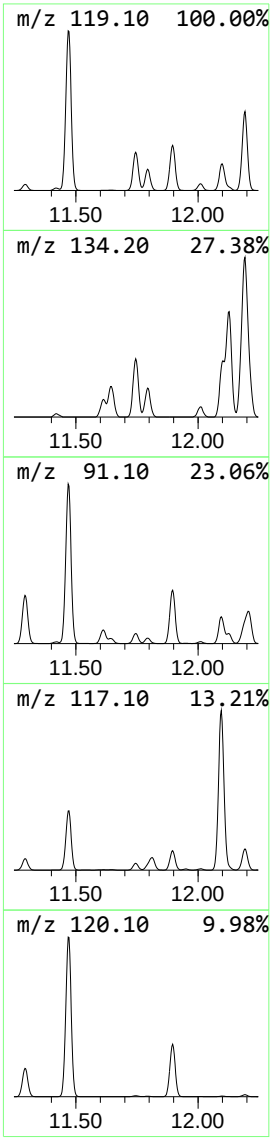
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	16.26 ug/L	246953	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	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

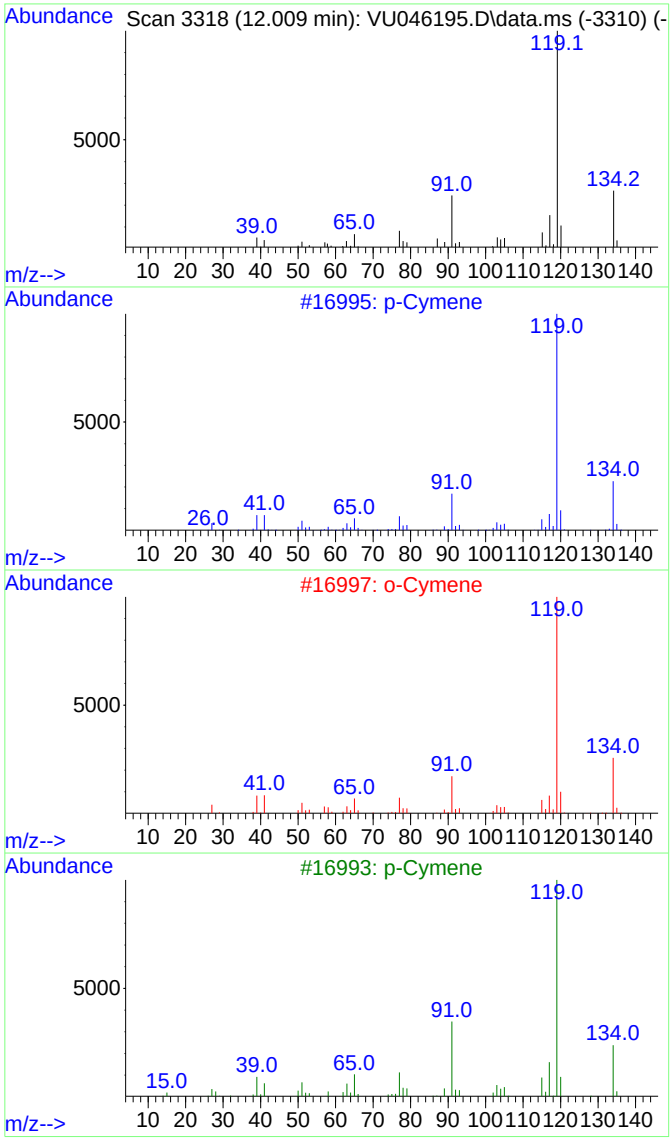
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

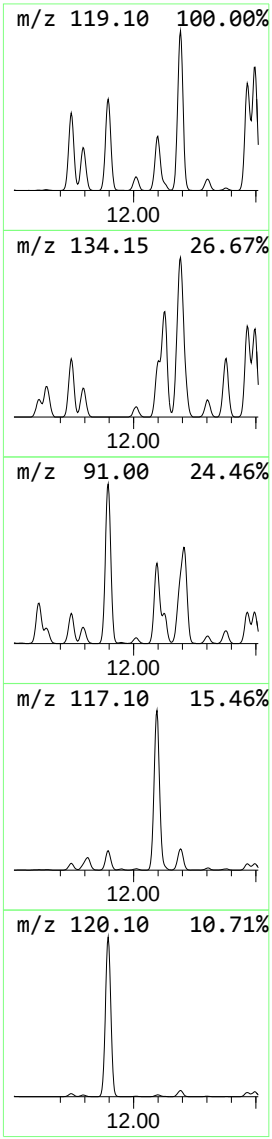
****

Peak Number 11 p-Cymene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.009	2.78 ug/L	42241	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	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

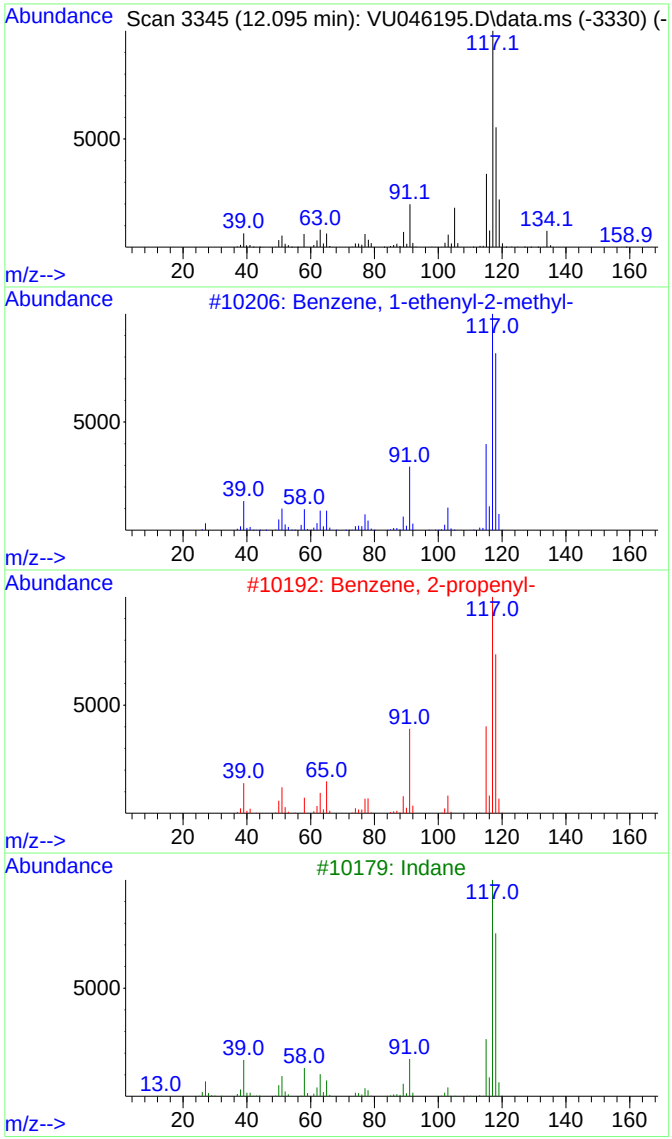
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

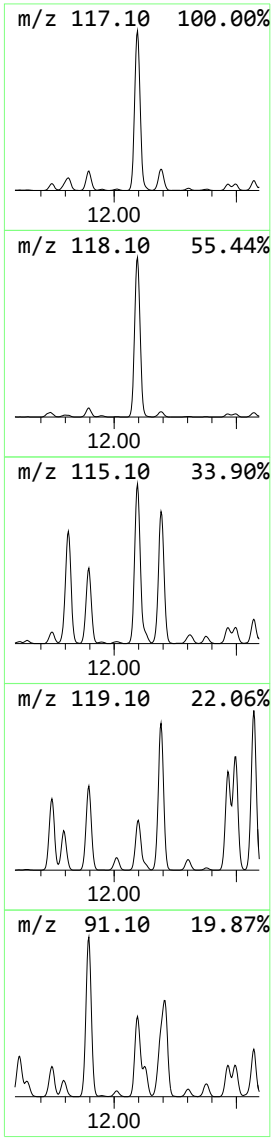
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	73.86 ug/L	1121390	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3	Indane	118	C9H10	000496-11-7	70
4	Indane	118	C9H10	000496-11-7	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

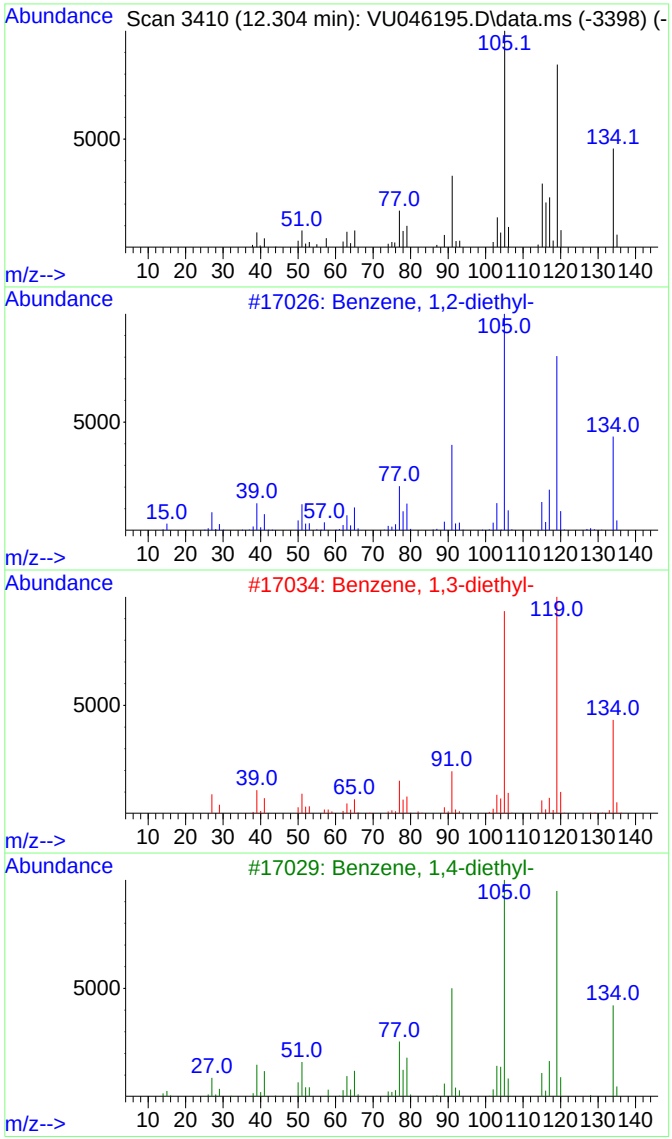
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

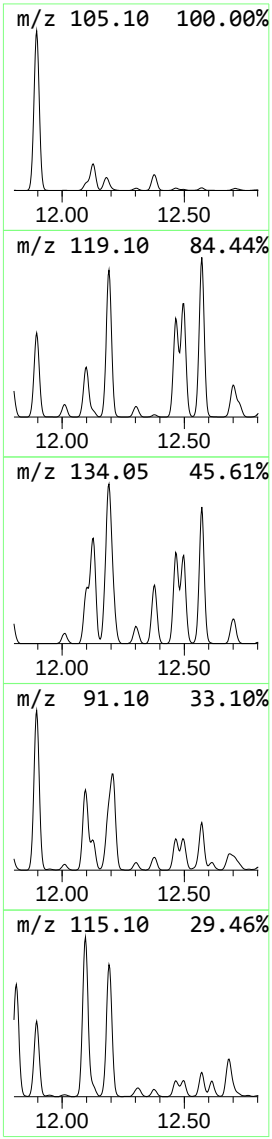
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	5.41 ug/L	82130	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	83
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

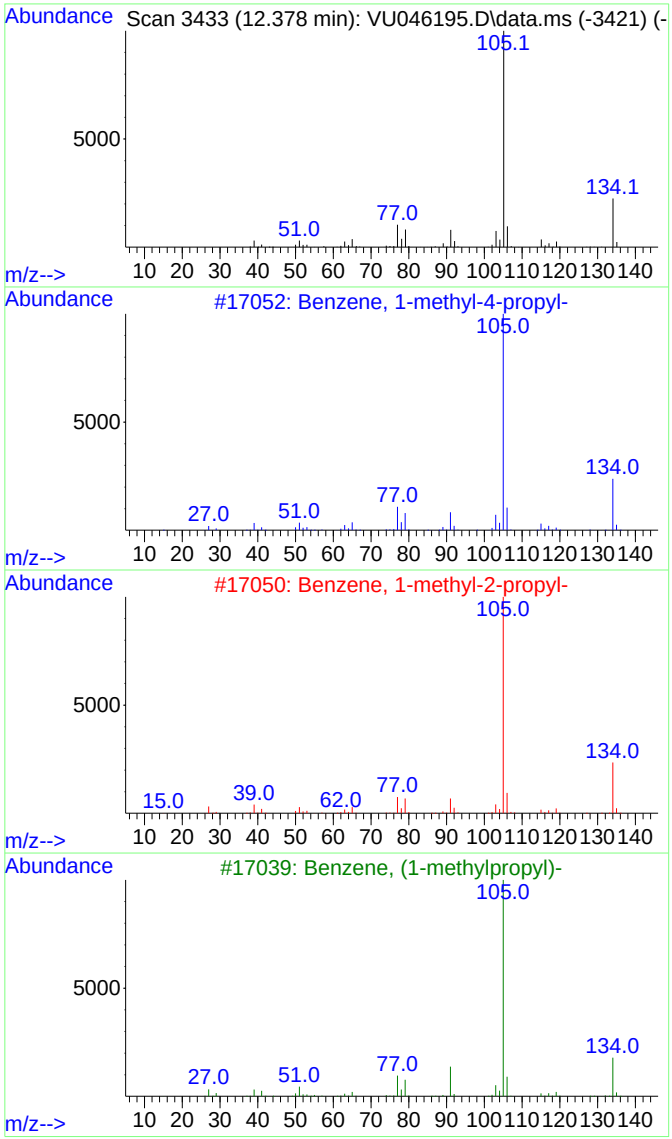
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

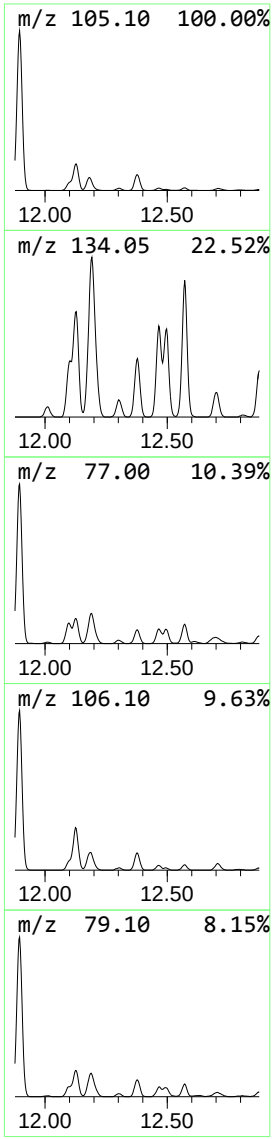
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.378	16.17 ug/L	245450	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	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

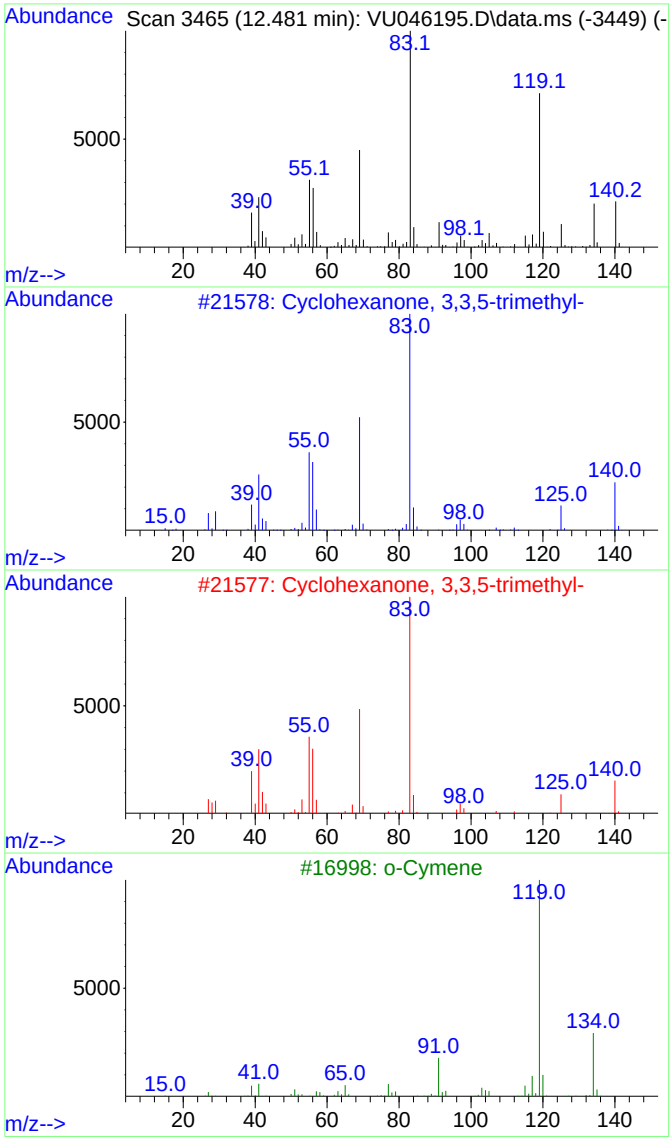
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

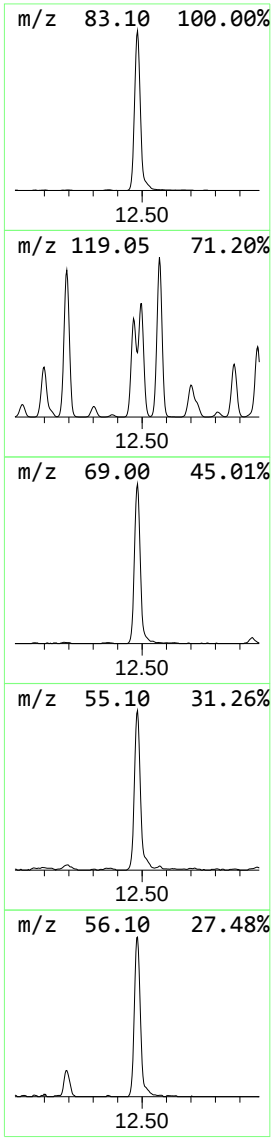
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.481	74.16 ug/L	1126030	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	91
3	o-Cymene	134	C10H14	000527-84-4	68
4	o-Cymene	134	C10H14	000527-84-4	68
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

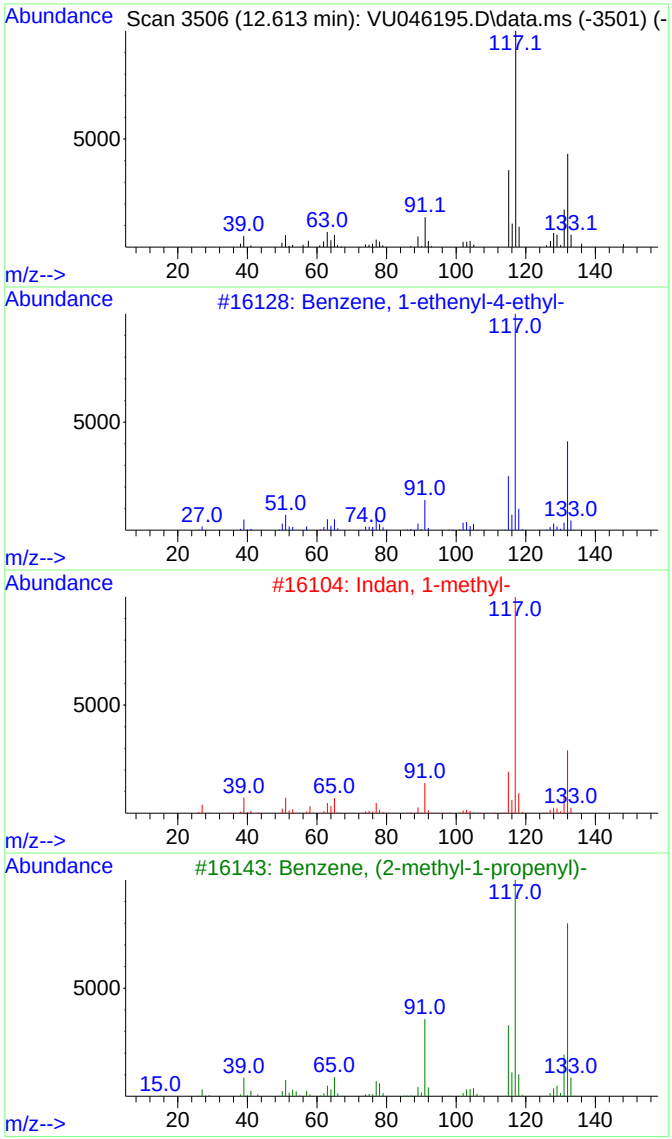
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

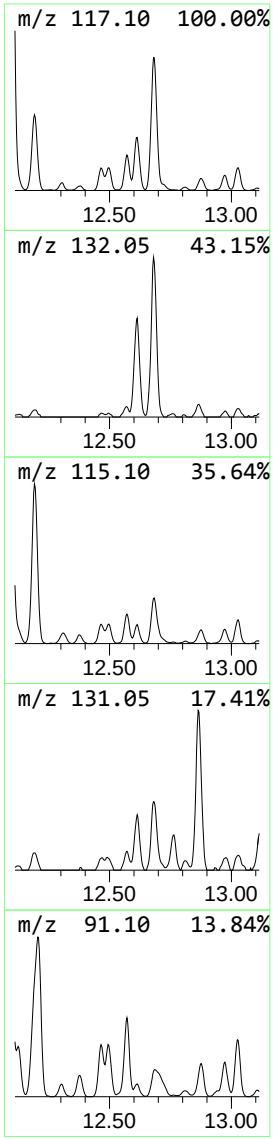
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.613	5.81 ug/L	88251	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90





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Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

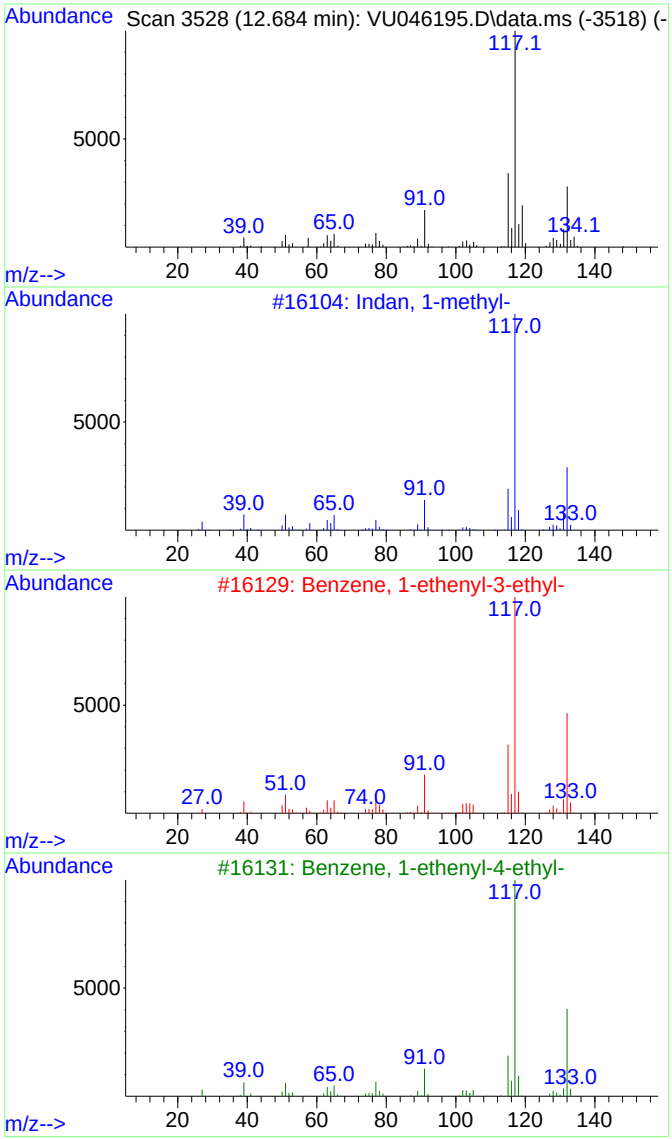
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

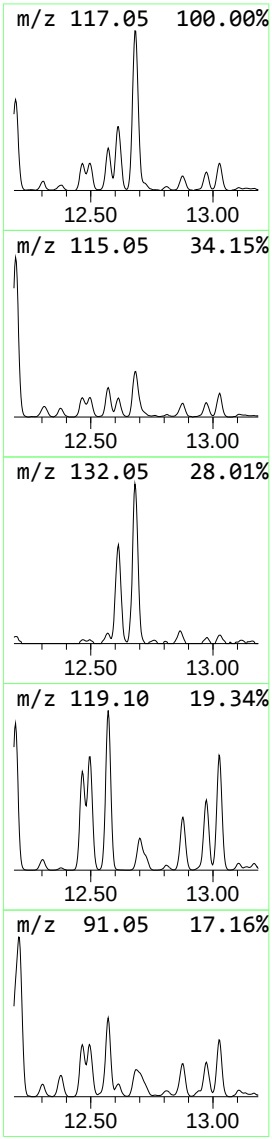
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Indan, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	23.77 ug/L	360930	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-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72
5	Indan, 1-methyl-	132	C10H12	000767-58-8	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

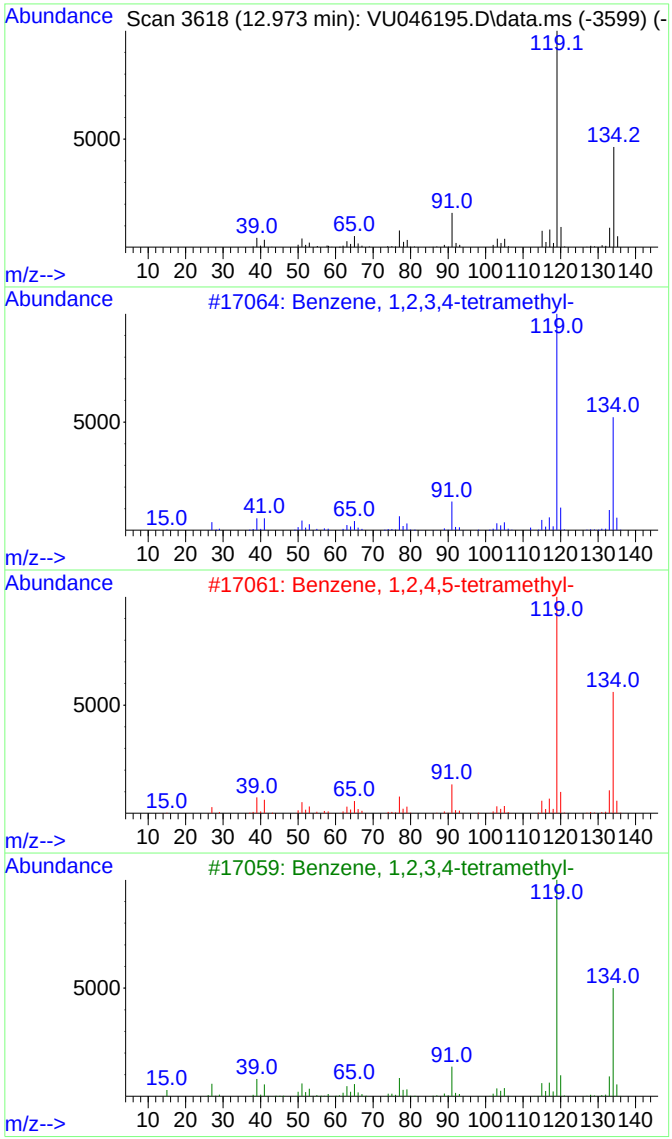
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

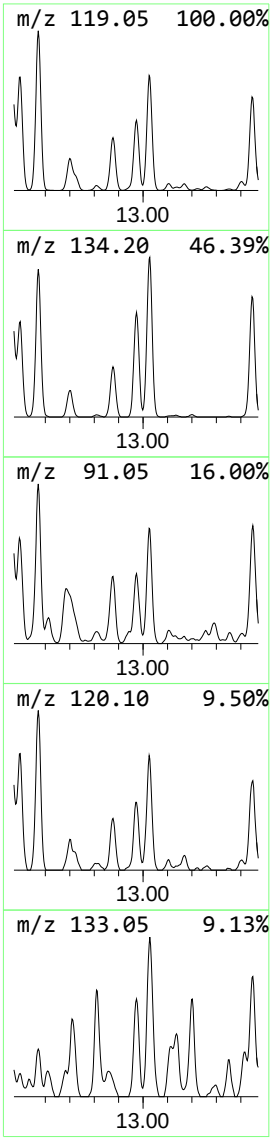
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	18.13 ug/L	275339	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

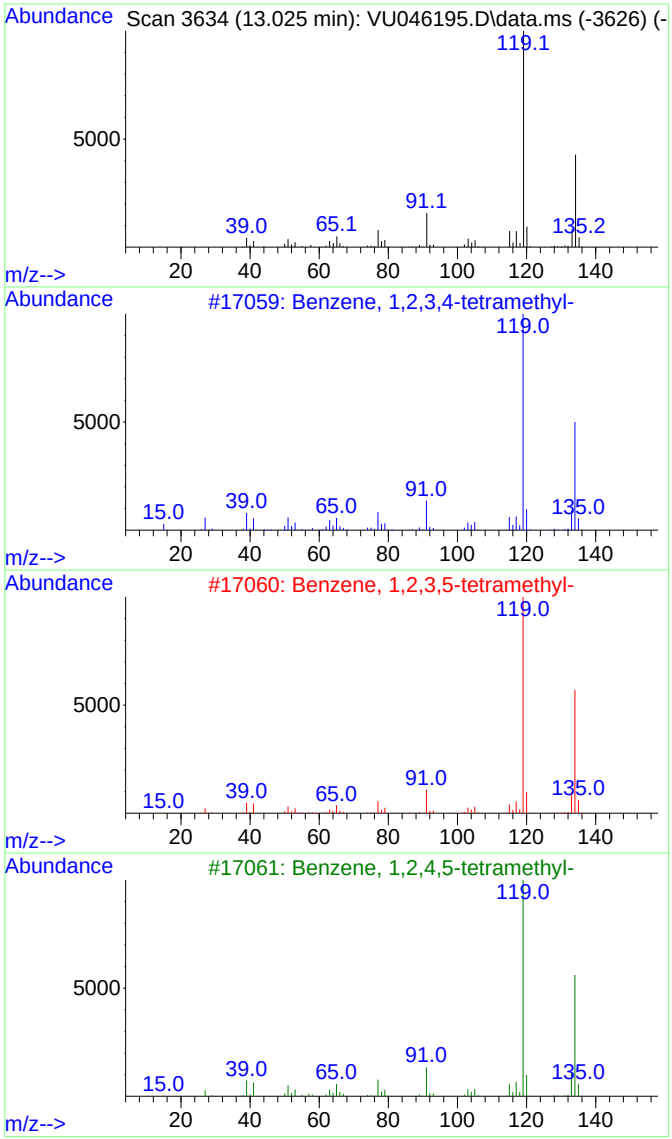
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

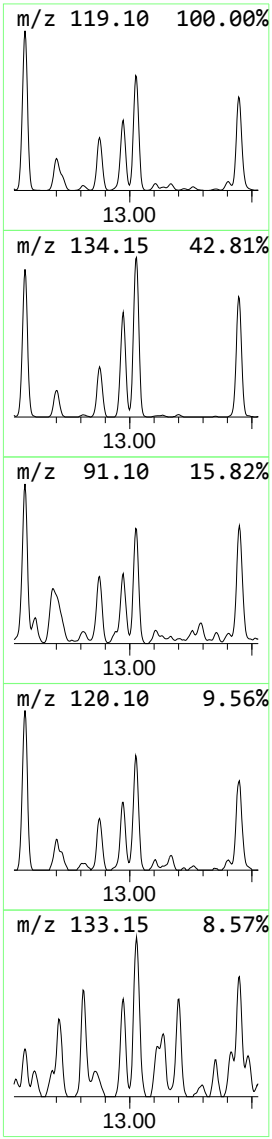
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	26.07 ug/L	395802	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	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

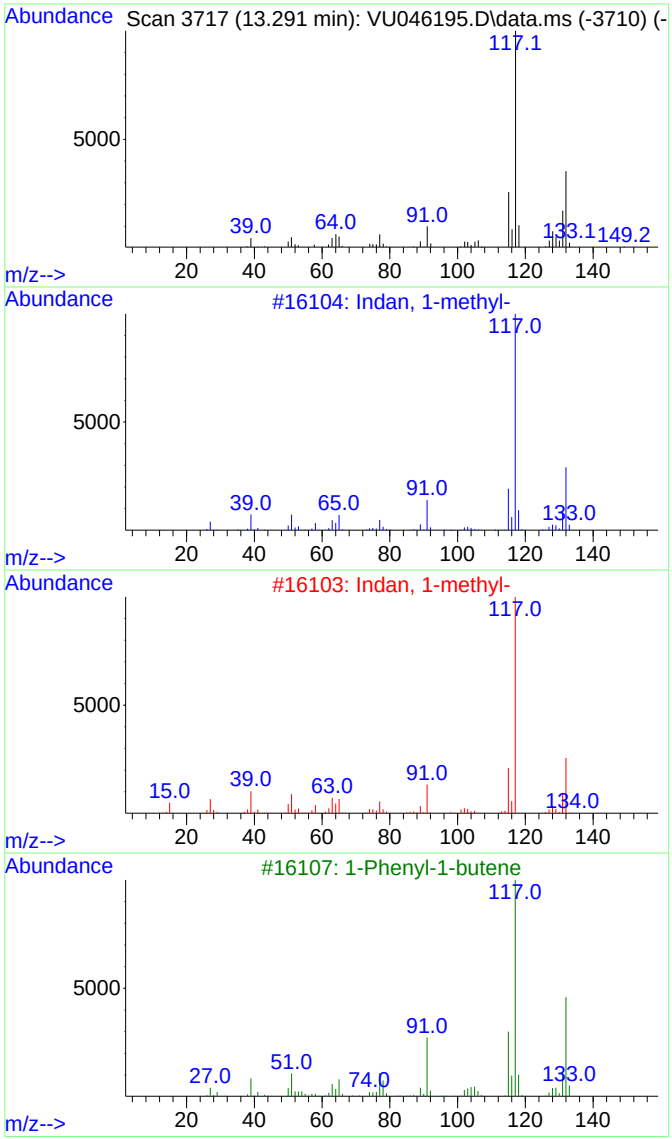
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

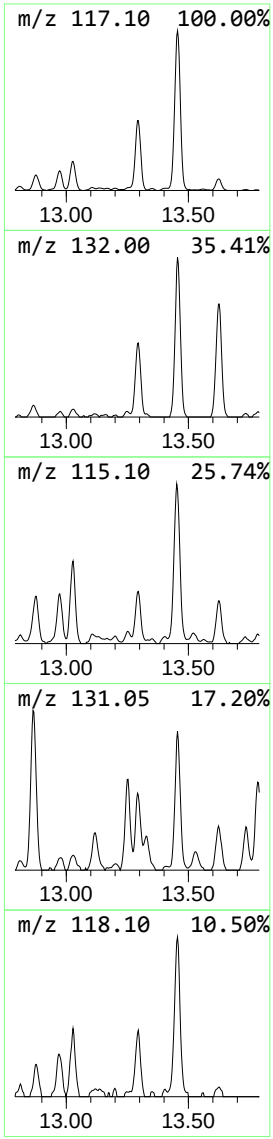
****

Peak Number 22 Benzene, 2-butenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.291	5.66 ug/L	85969	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	80
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	78





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Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

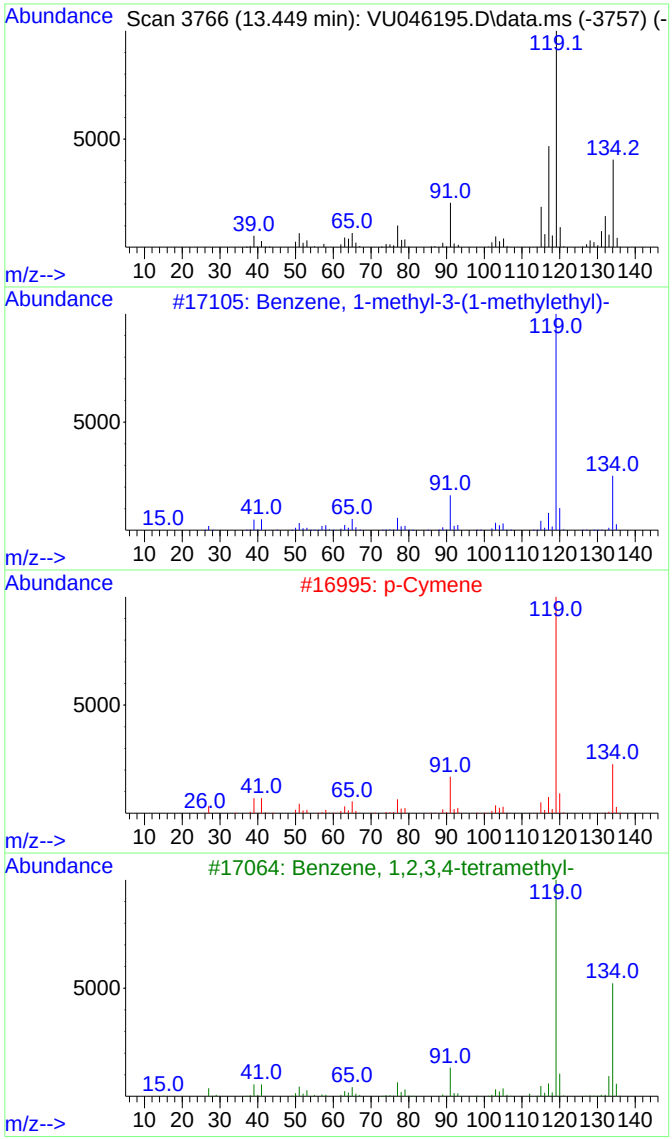
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

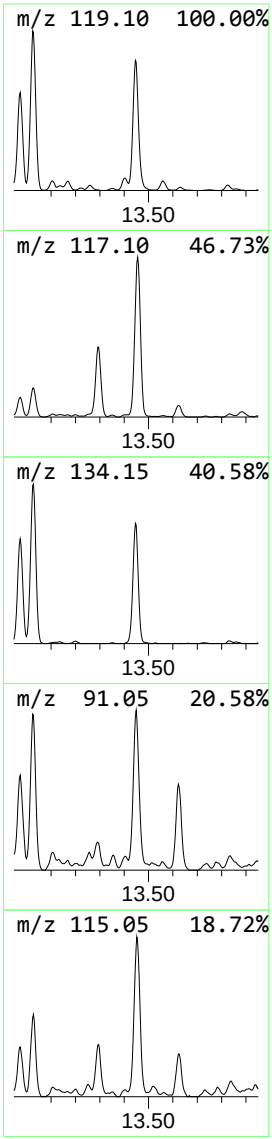
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	30.88 ug/L	468798	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	70
2	p-Cymene	134	C10H14	000099-87-6	70
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70





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Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

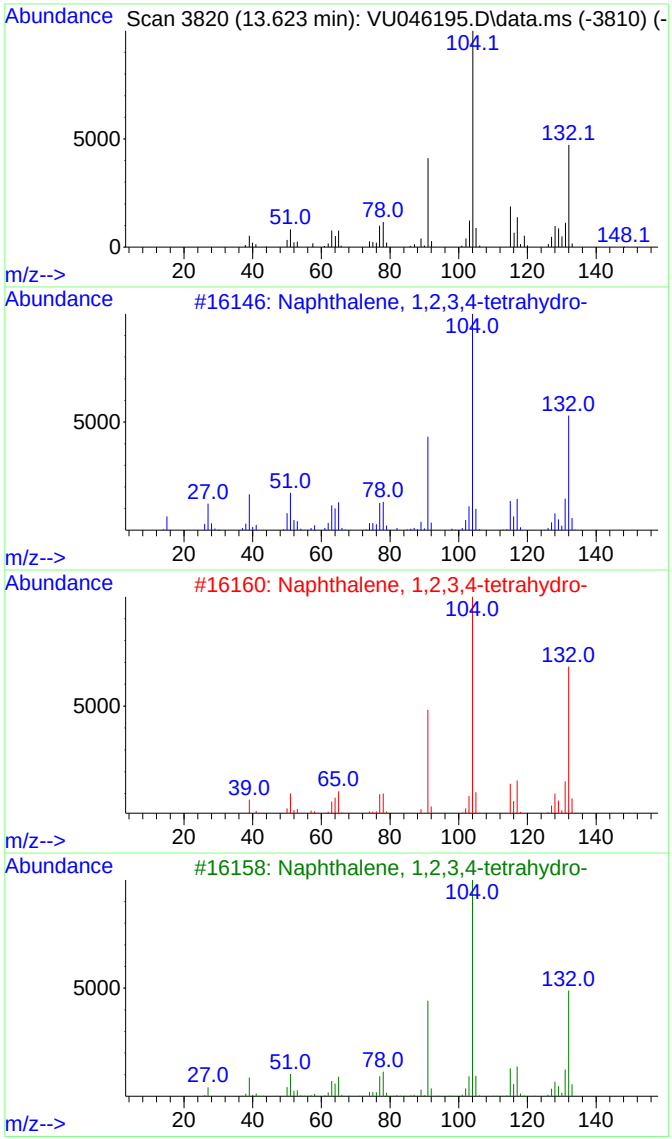
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

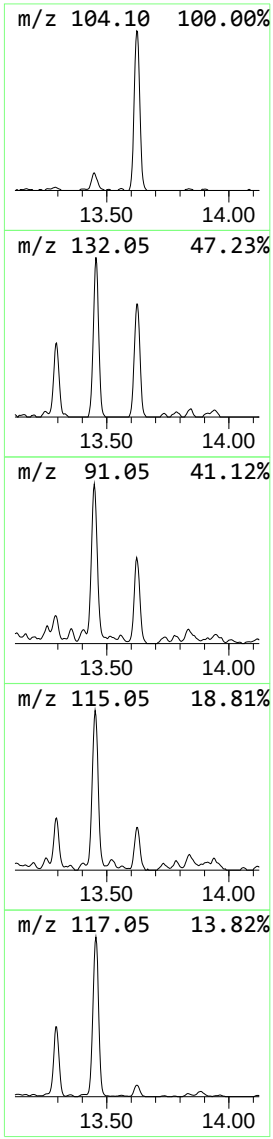
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	8.82 ug/L	133918	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	91
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

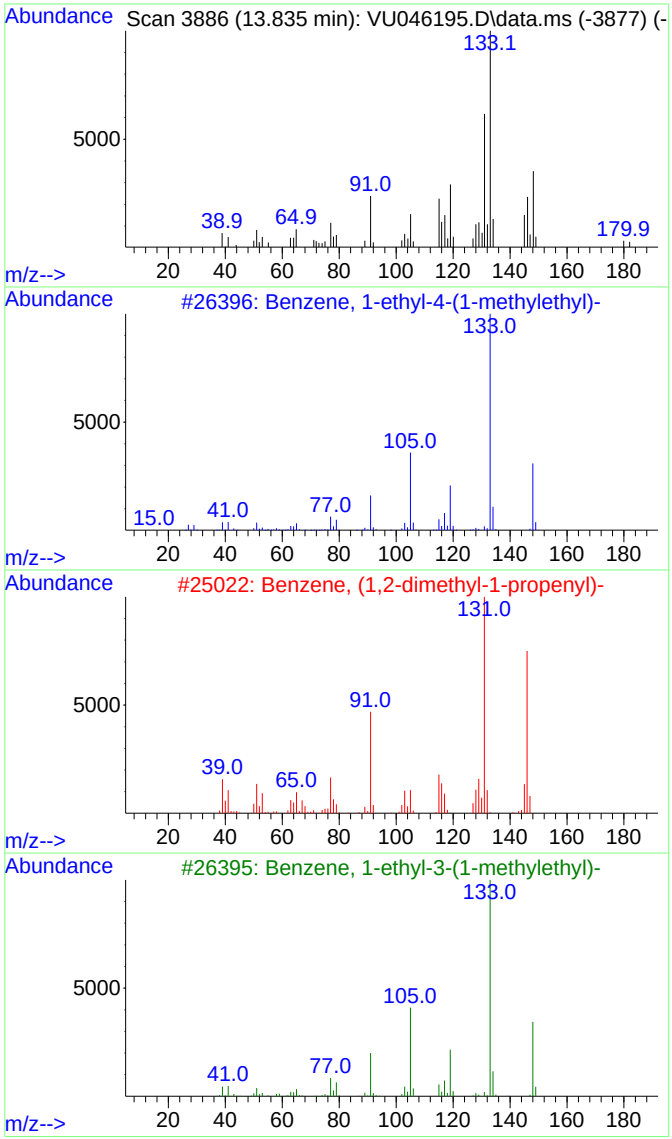
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

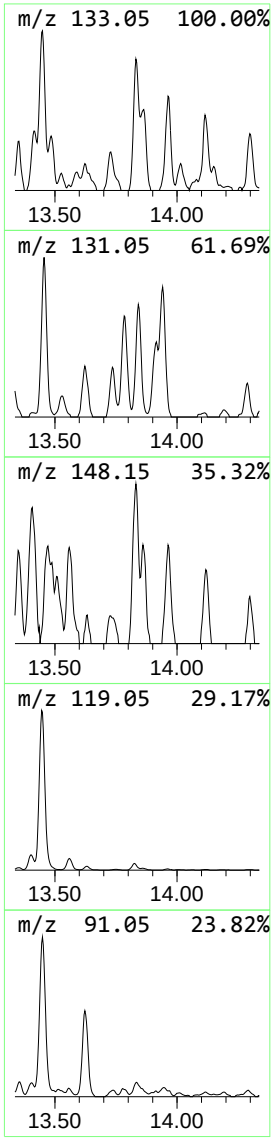
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.835	3.93 ug/L	59619	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	43





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Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

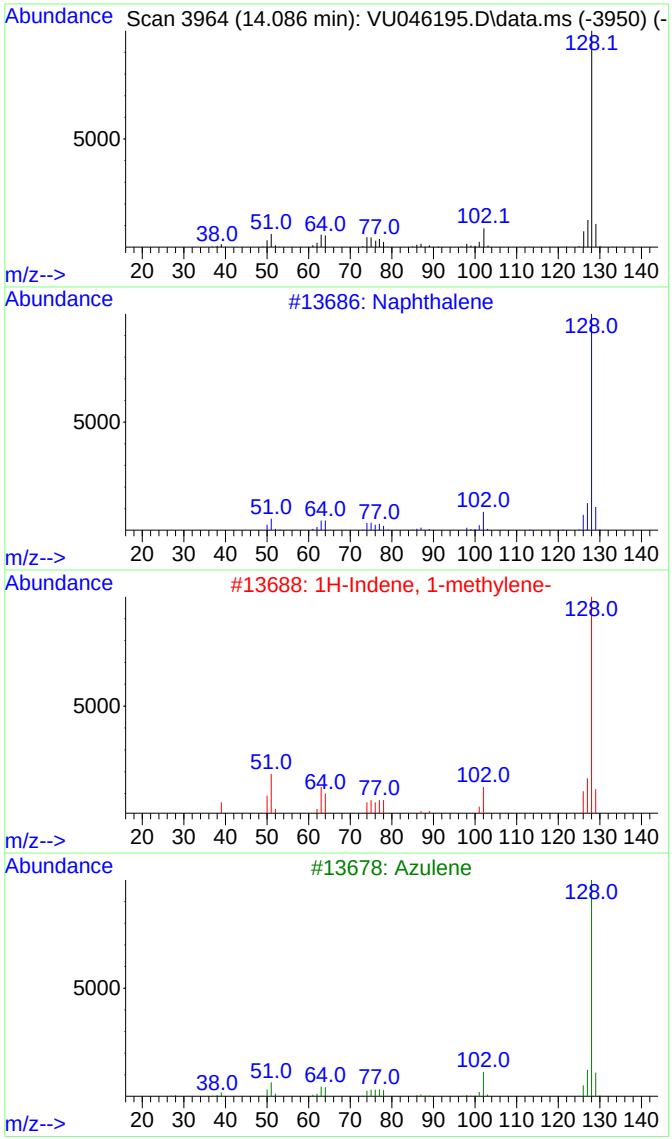
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

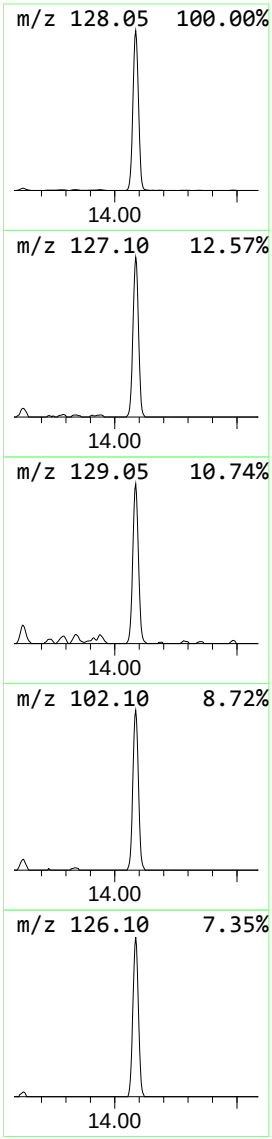
****

Peak Number 26 Azulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	29.67 ug/L	450479	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3	Azulene	128	C10H8	000275-51-4	93
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

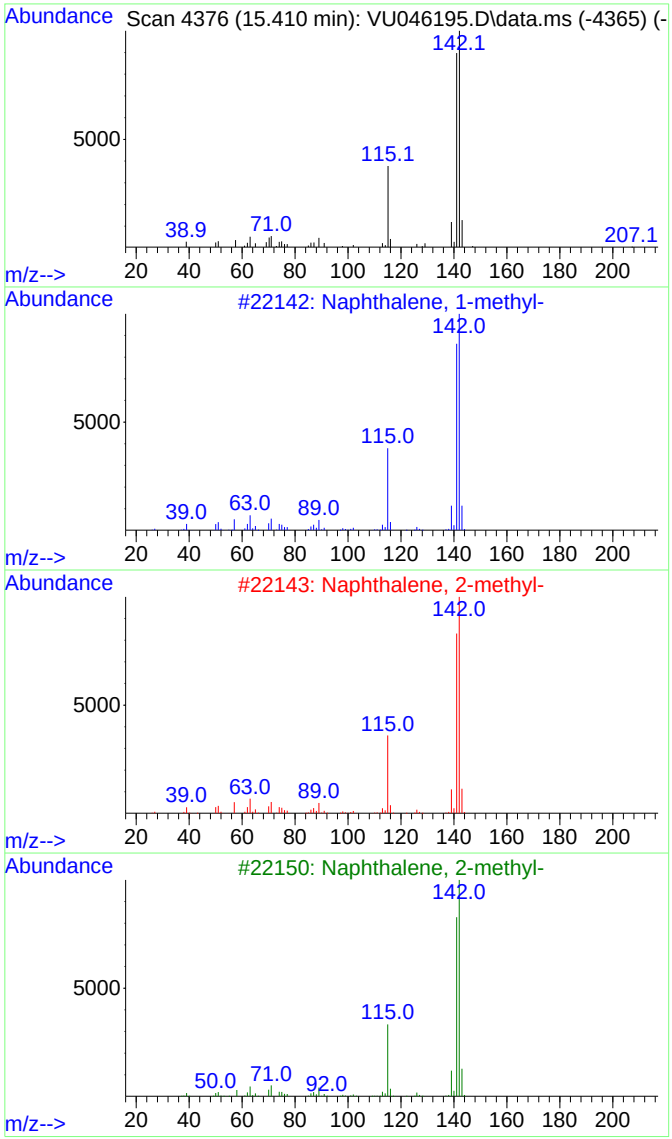
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

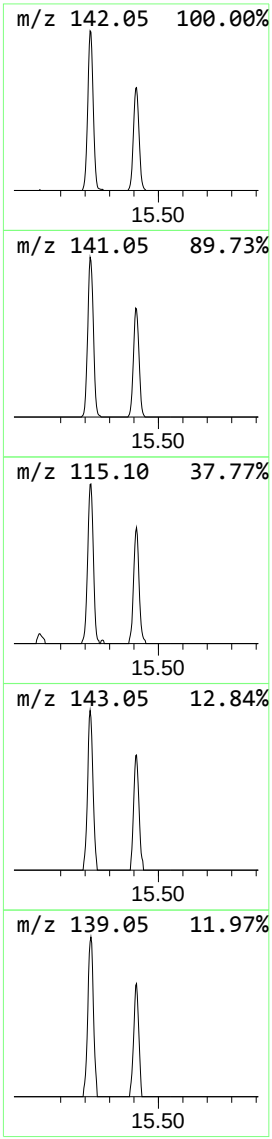
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1H-Indene, 1-ethylidene- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	4.12 ug/L	62618	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046195.D
Acq On : 08 Dec 2021 22:57
Operator : SY/MD
Sample : M4983-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5N7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.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: C...	8.867	3.0	ug/L	35198	2	9.417	581135	50.0
2-Methylbicyclo...	10.275	3.2	ug/L	37095	2	9.417	581135	50.0
Benzene, propyl-	10.906	69.3	ug/L	1051970	3	11.812	759166	50.0
Benzene, 1-ethy...	10.999	200.1	ug/L	3038060	3	11.812	759166	50.0
Benzene, 1-ethy...	11.291	140.4	ug/L	2132210	3	11.812	759166	50.0
Benzene, (2-met...	11.613	4.8	ug/L	72763	3	11.812	759166	50.0
Oxirane, 2-meth...	11.645	9.7	ug/L	147848	3	11.812	759166	50.0
Benzene, 1-meth...	11.745	16.3	ug/L	246953	3	11.812	759166	50.0
p-Cymene	12.009	2.8	ug/L	42241	3	11.812	759166	50.0
Benzene, 1-ethe...	12.095	73.9	ug/L	1121390	3	11.812	759166	50.0
Benzene, 1,2-di...	12.304	5.4	ug/L	82130	3	11.812	759166	50.0
Benzene, 1-meth...	12.378	16.2	ug/L	245450	3	11.812	759166	50.0
Cyclohexanone, ...	12.481	74.2	ug/L	1126030	3	11.812	759166	50.0
Benzene, 1-ethe...	12.613	5.8	ug/L	88251	3	11.812	759166	50.0
Indan, 1-methyl-	12.684	23.8	ug/L	360930	3	11.812	759166	50.0
Benzene, 1,2,3,...	12.973	18.1	ug/L	275339	3	11.812	759166	50.0
Benzene, 1,2,3,...	13.025	26.1	ug/L	395802	3	11.812	759166	50.0
Benzene, 2-bute...	13.291	5.7	ug/L	85969	3	11.812	759166	50.0
Benzene, 1,2,4,...	13.449	30.9	ug/L	468798	3	11.812	759166	50.0
Naphthalene, 1,...	13.623	8.8	ug/L	133918	3	11.812	759166	50.0
Benzene, 1-ethy...	13.835	3.9	ug/L	59619	3	11.812	759166	50.0
Azulene	14.086	29.7	ug/L	450479	3	11.812	759166	50.0
1H-Indene, 1-et...	15.410	4.1	ug/L	62618	3	11.812	759166	50.0