LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

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\SFAMULM052924WMA.M
Title : VOC Analysis

Signal : TIC: VU059386.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.595	88	95	108	rBV	47734	57825	0.17%	0.072%
2	1.901	183	190	213	rVB	43611	63558	0.19%	0.079%
3	2.557	383	394	411	rBV	85634	137496	0.41%	0.172%
4	3.036	534	543	559	rVB4	3709	6954	0.02%	0.009%
5	3.184	585	589	590	rBV	212	164	0.00%	0.000%
6	3.274	613	617	620	rBV	275	241	0.00%	0.000%
7	3.332	632	635	637	rBV2	186	129	0.00%	0.000%
8	3.399	650	656	662	rBV2	239	410	0.00%	0.001%
9	3.489	681	684	687	rBV2	223	202	0.00%	0.000%
10	3.547	700	702	708	rVB2	168	122	0.00%	0.000%
11	3.576	708	711	713	rBV2	256	201	0.00%	0.000%
12	3.624	722	726	728	rBV2	221	219	0.00%	0.000%
13	3.753	762	766	770	rVB2	303	264	0.00%	0.000%
14	3.779	770	774	775	rBV2	190	132	0.00%	0.000%
15	3.988	835	839	842	rBV	234	208	0.00%	0.000%
16	4.007	842	845	847	rBV2	191	130	0.00%	0.000%
17	4.258	921	923	929	rBV2	211	209	0.00%	0.000%
18	4.306	933	938	939	rBV	379	175	0.00%	0.000%
19	4.364	952	956	959	rVB2	183	161	0.00%	0.000%
20	4.438	976	979	981	rBV	209	134	0.00%	0.000%
21	4.492	993	996	999	rVB2	219	166	0.00%	0.000%
22	4.515	1000	1003	1006	rBV	290	208	0.00%	0.000%
23	4.615	1024	1034	1074	rBV2	58486	149954	0.44%	0.187%
24	4.891	1113	1120	1124	rBV3	412	488	0.00%	0.001%
25	4.955	1137	1140	1144	rVB3	400	320	0.00%	0.000%
26	5.001	1150	1154	1156	rBV	291	245	0.00%	0.000%
27	5.055	1156	1171	1190	rVV	91889	202970	0.60%	0.254%
28	5.200	1212	1216	1218	rBV2	311	163	0.00%	0.000%
29	5.264	1231	1236	1237	rBV	306	181	0.00%	0.000%
30	5.290	1242	1244	1249	rBV	245	143	0.00%	0.000%
31	5.316	1249	1252	1254	rBV2	199	144	0.00%	0.000%
32	5.370	1265	1269	1274	rVB2	195	225	0.00%	0.000%
33	5.428	1284	1287	1291	rVB2	227	175	0.00%	0.000%
34	5.499	1306	1309	1312	rBV2	179	124	0.00%	0.000%
35	5.563	1327	1329	1334	rBV2	171	153	0.00%	0.000%
36	5.634	1348	1351	1355	rBV2	168	202	0.00%	0.000%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

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\SFAMULM052924WMA.M
Title : VOC Analysis

37	5.718	1358	1377	1407	rVV2	176379	490563	1.45%	0.613%
38	6.000	1459	1465	1471	rBV2	310	408	0.00%	0.001%
39	6.242	1528	1540	1562	rBV	267336	515760	1.53%	0.644%
40	6.528	1621	1629	1643	rVB7	3139	6286	0.02%	0.008%
41	6.685	1665	1678	1696	rBV	115545	227417	0.67%	0.284%
42	7.045	1786	1790	1794	rBV2	344	337	0.00%	0.000%
43	7.193	1829	1836	1843	rBV3	1397	2030	0.01%	0.003%
44	7.431	1906	1910	1912	rBV	395	338	0.00%	0.000%
45	7.502	1929	1932	1935	rBV	251	235	0.00%	0.000%
46	7.560	1940	1950	1970	rVV2	53669	96740	0.29%	0.121%
47	7.656	1976	1980	1984	rBV3	415	405	0.00%	0.001%
48	7.894	2041	2054	2066	rVV	198299	345034	1.02%	0.431%
49	7.965	2067	2076	2096	rVB	120039	212153	0.63%	0.265%
50	8.123	2123	2125	2127	rBV2	365	136	0.00%	0.000%
51	8.177	2132	2142	2158	rBV	38613	66346	0.20%	0.083%
52	8.293	2175	2178	2183	rBV3	387	453	0.00%	0.001%
53	8.383	2204	2206	2210	rVB	473	282	0.00%	0.000%
54	8.418	2210	2217	2218	rBV2	468	392	0.00%	0.000%
55	8.457	2226	2229	2233	rBV2	369	369	0.00%	0.000%
56	8.550	2252	2258	2266	rVB4	2093	2966	0.01%	0.004%
57	8.627	2272	2282	2319	rBV	161959	303338	0.90%	0.379%
58	8.778	2327	2329	2333	rVB3	1034	683	0.00%	0.001%
59	8.907	2366	2369	2371	rVB2	314	175	0.00%	0.000%
60	8.930	2371	2376	2379	rBV	296	323	0.00%	0.000%
61	8.952	2379	2383	2385	rBV2	185	157	0.00%	0.000%
62	9.016	2399	2403	2405	rBV2	236	203	0.00%	0.000%
63	9.049	2409	2413	2419	rVV2	982	1194	0.00%	0.001%
64	9.139	2438	2441	2445	rBV2	184	158	0.00%	0.000%
65	9.187	2453	2456	2459	rBV2	599	441	0.00%	0.001%
66	9.332	2494	2501	2505	rVB5	1036	995	0.00%	0.001%
67	9.412	2514	2526	2554	rBV	404322	675818	2.00%	0.844%
68	9.566	2561	2574	2598	rBV	937177	1496078	4.44%	1.869%
69	9.688	2600	2612	2626	rBV	650982	1073655	3.18%	1.341%
70	9.868	2661	2668	2671	rBV5	1924	2766	0.01%	0.003%
71	10.097	2727	2739	2762	rBV	353290	569500	1.69%	0.711%
72	10.354	2809	2819	2827	rBV10	2199	3896	0.01%	0.005%
73	10.479	2847	2858	2877	rBV	106224	170813	0.51%	0.213%
74	10.595	2890	2894	2895	rBV3	1560	993	0.00%	0.001%
75	10.749	2930	2942	2954	rBV	195783	316589	0.94%	0.396%
76	10.904	2978	2990	3003	rBV	48441	74832	0.22%	0.093%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

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\SFAMULM052924WMA.M
Title : VOC Analysis

77	10.994	3006	3018	3023	rBV	887661	1437468	4.26%	1.796%
78	11.084	3038	3046	3063	rVB	235128	380949	1.13%	0.476%
79	11.290	3100	3110	3126	rBV	68533	119729	0.35%	0.150%
80	11.463	3156	3164	3176	rVB	738325	1117017	3.31%	1.395%
81	11.534	3178	3186	3198	rVB	194606	291384	0.86%	0.364%
82	11.737	3242	3249	3258	rBV	78992	109325	0.32%	0.137%
83	11.807	3259	3271	3284	rVV	477690	801510	2.38%	1.001%
84	11.891	3289	3297	3306	rVV	211928	330103	0.98%	0.412%
85	11.942	3307	3313	3326	rVB	158445	235308	0.70%	0.294%
86	12.090	3346	3359	3377	rBV2	360528	649555	1.93%	0.811%
87	12.187	3378	3389	3402	rBV2	385588	647661	1.92%	0.809%
88	12.306	3415	3426	3443	rBV	2636161	4115209	12.20%	5.141%
89	12.566	3498	3507	3516	rBV	305523	452579	1.34%	0.565%
90	13.023	3641	3649	3662	rBV	150674	250508	0.74%	0.313%
91	13.515	3793	3802	3818	rVB	1042777	1572026	4.66%	1.964%
92	13.621	3827	3835	3848	rVB	1137606	1840928	5.46%	2.300%
93	14.084	3966	3979	4000	rVB2	21633756	33729557	100.00%	42.137%
94	15.216	4321	4331	4356	rVB	7778219	11845715	35.12%	14.798%
95	15.402	4378	4389	4416	rVB	4603660	7300163	21.64%	9.120%
96	15.945	4550	4558	4569	rBV	406607	595909	1.77%	0.744%
97	16.138	4611	4618	4627	rBV	783231	1105234	3.28%	1.381%
98	16.254	4645	4654	4676	rVB	827528	1514631	4.49%	1.892%
99	16.402	4692	4700	4707	rBV	981437	1485461	4.40%	1.856%
100	17.090	4906	4914	4945	rVB	453505	833093	2.47%	1.041%

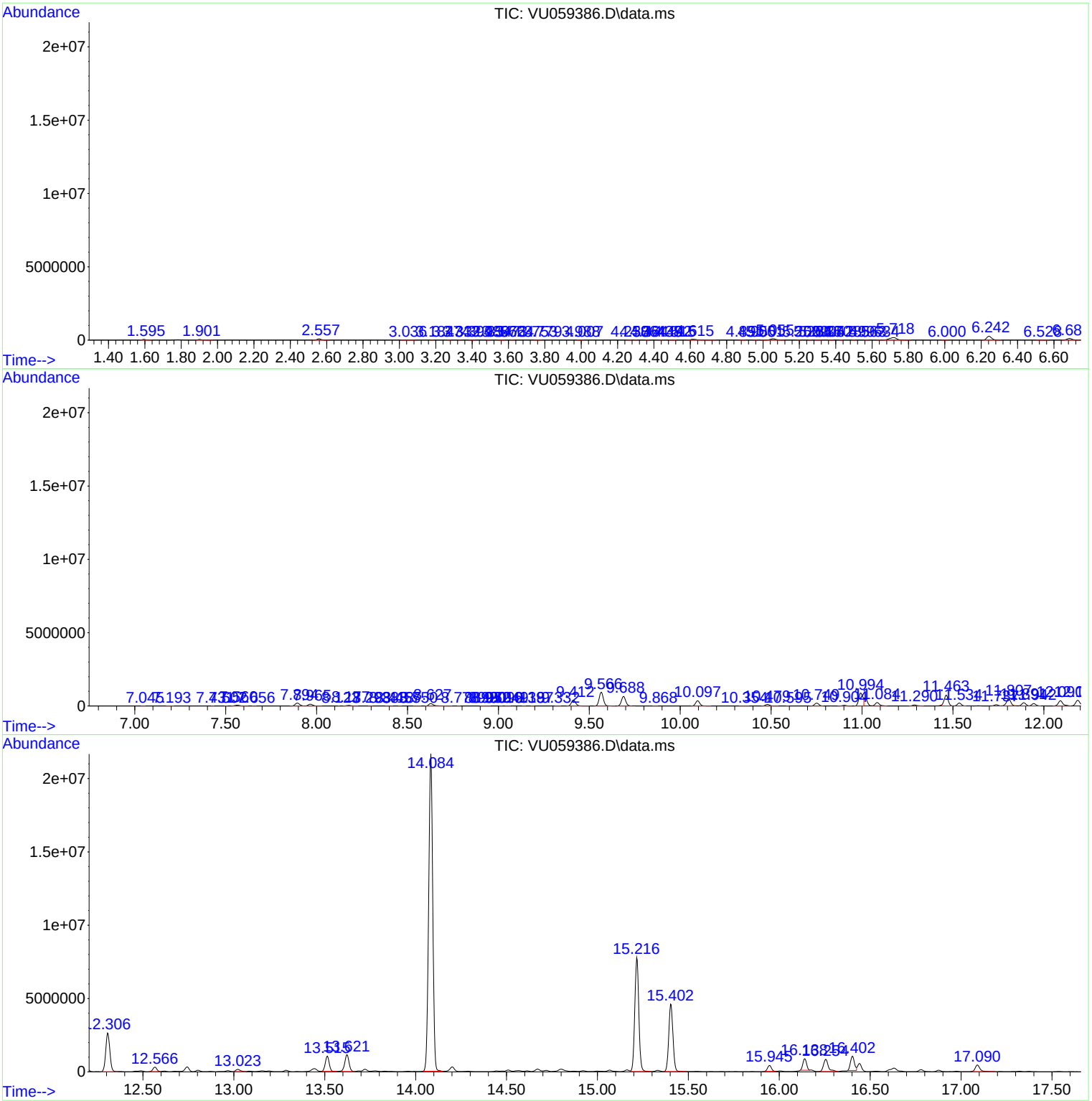
Sum of corrected areas: 80047074

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

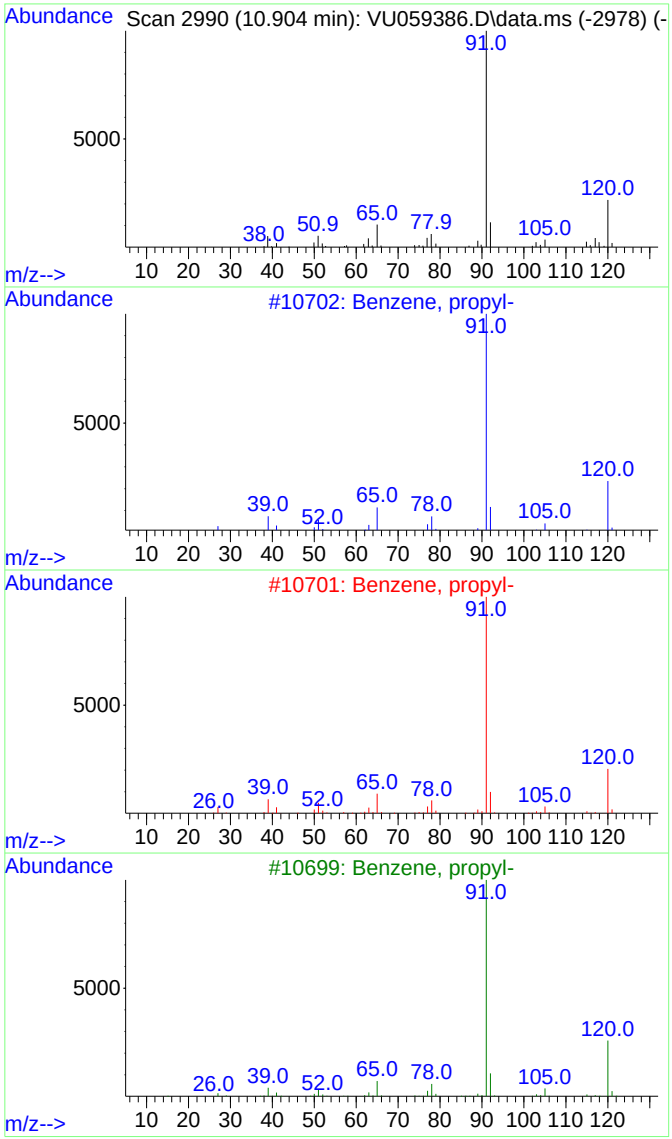
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

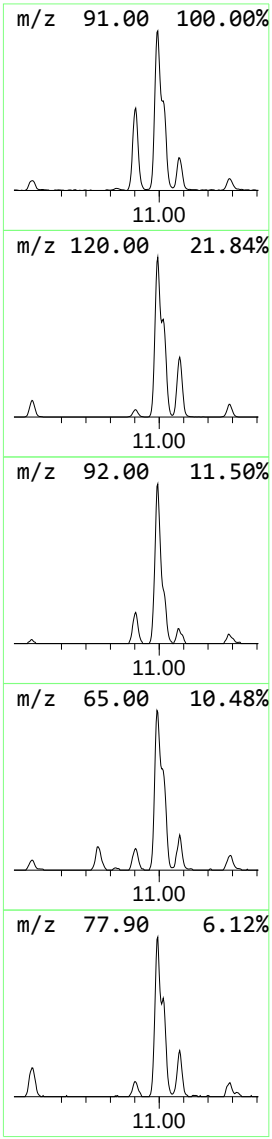
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, propyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	4.67 ug/L	74832	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	80
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

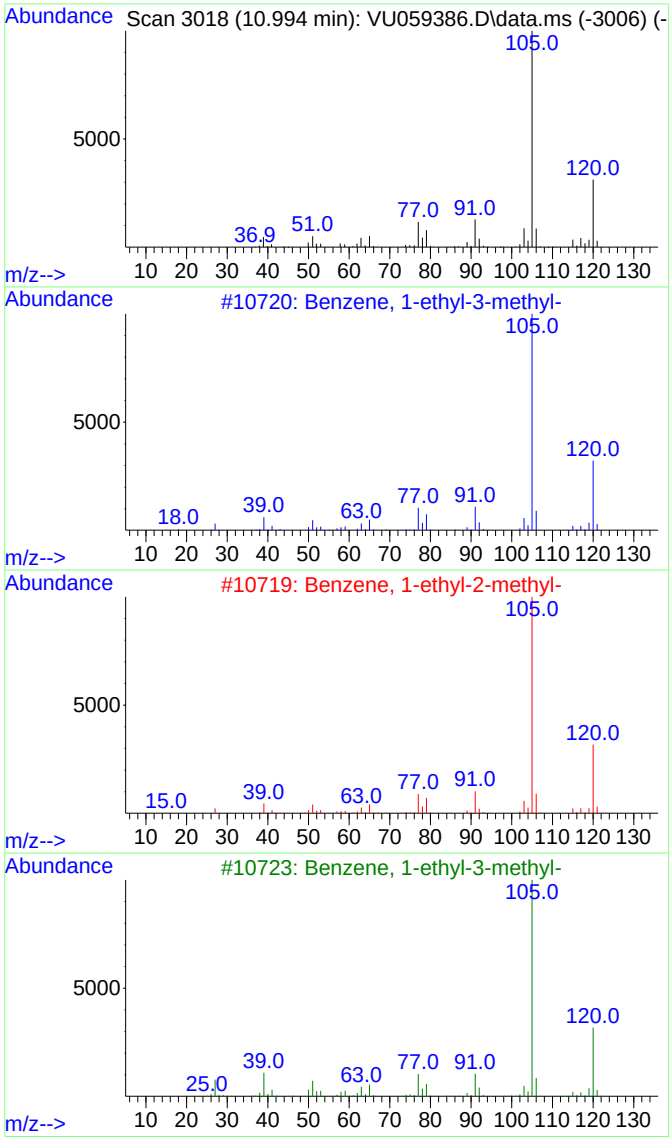
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

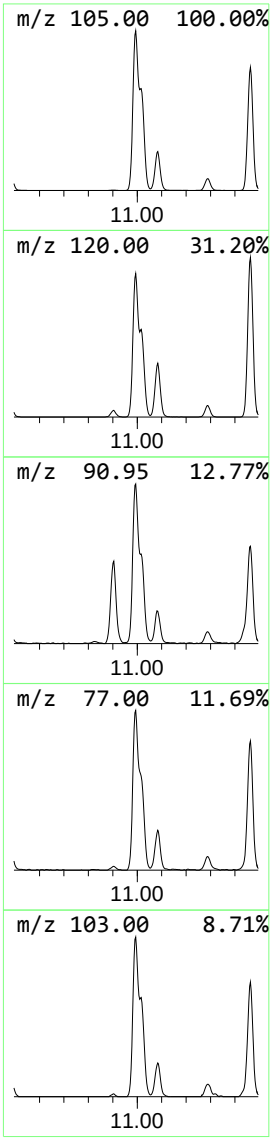
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.994	89.67 ug/L	1437470	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

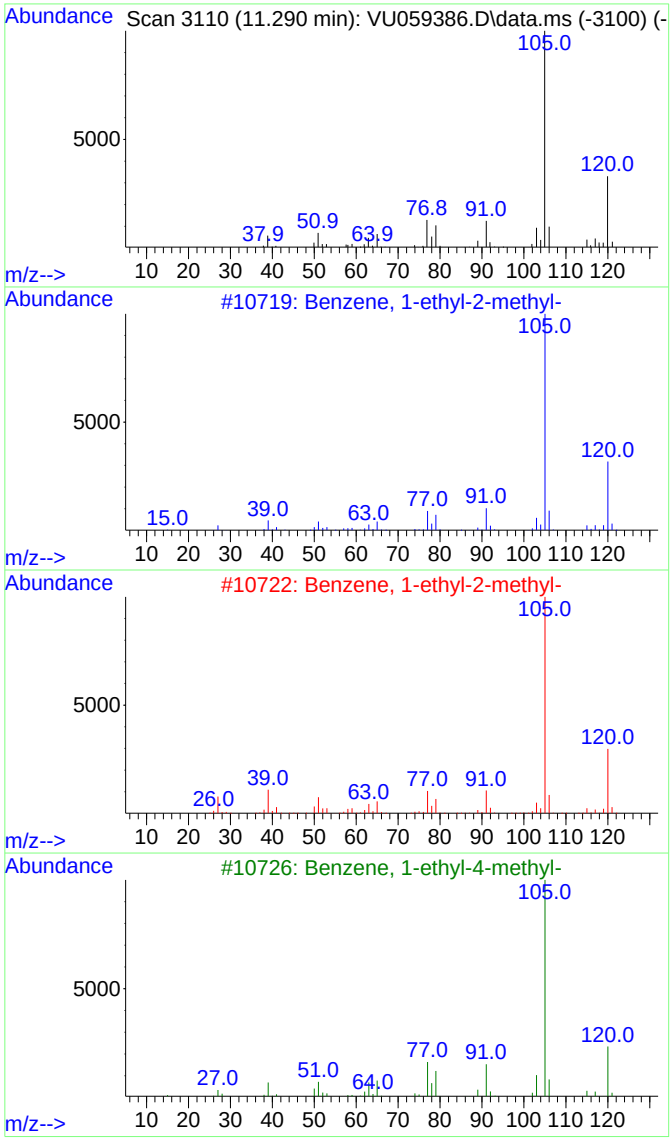
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

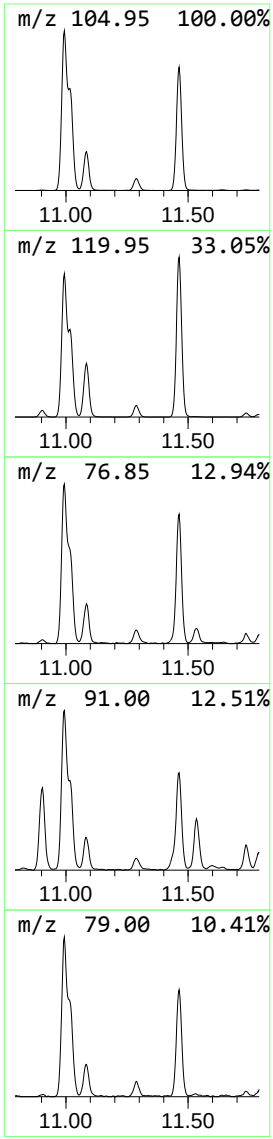
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.290	7.47 ug/L	119729	1,4-Dichlorobenzene-d4	11.807

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	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

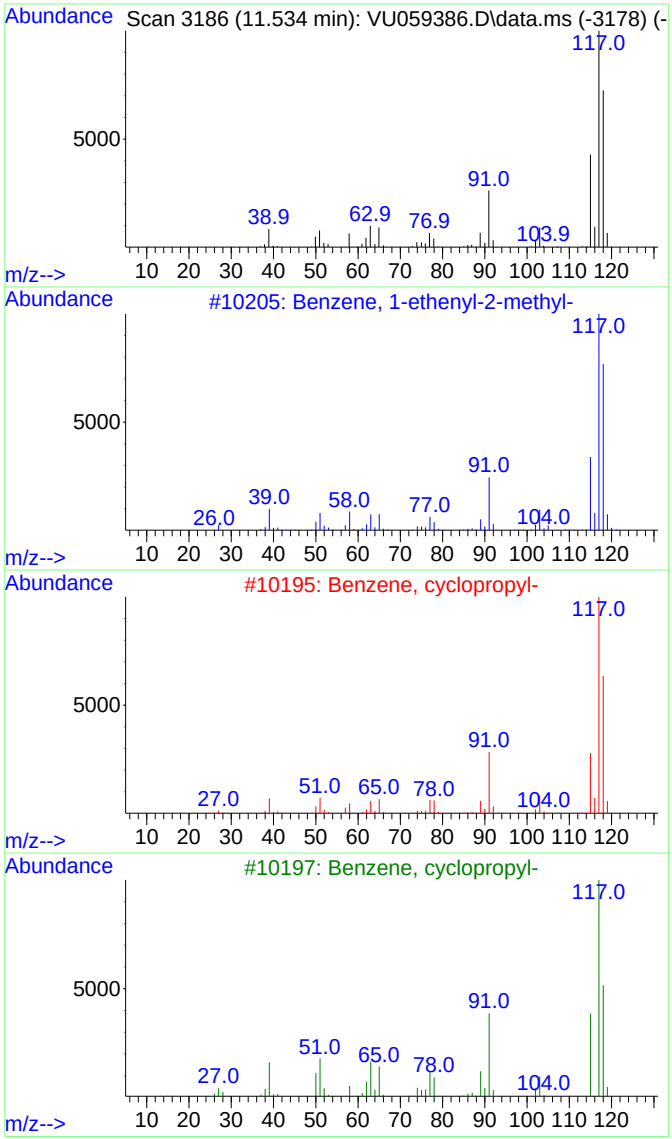
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

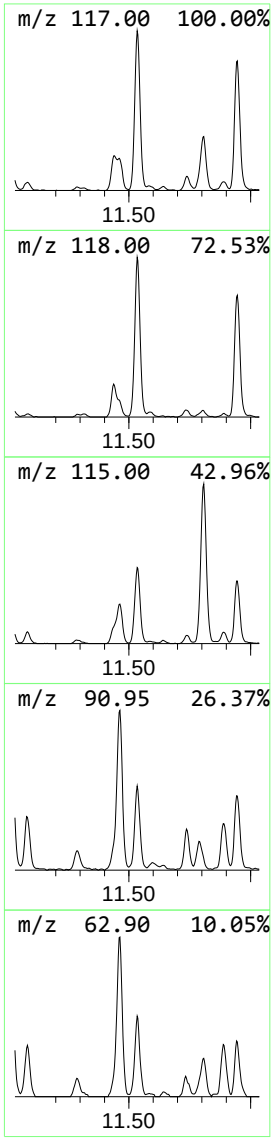
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.534	18.18 ug/L	291384	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

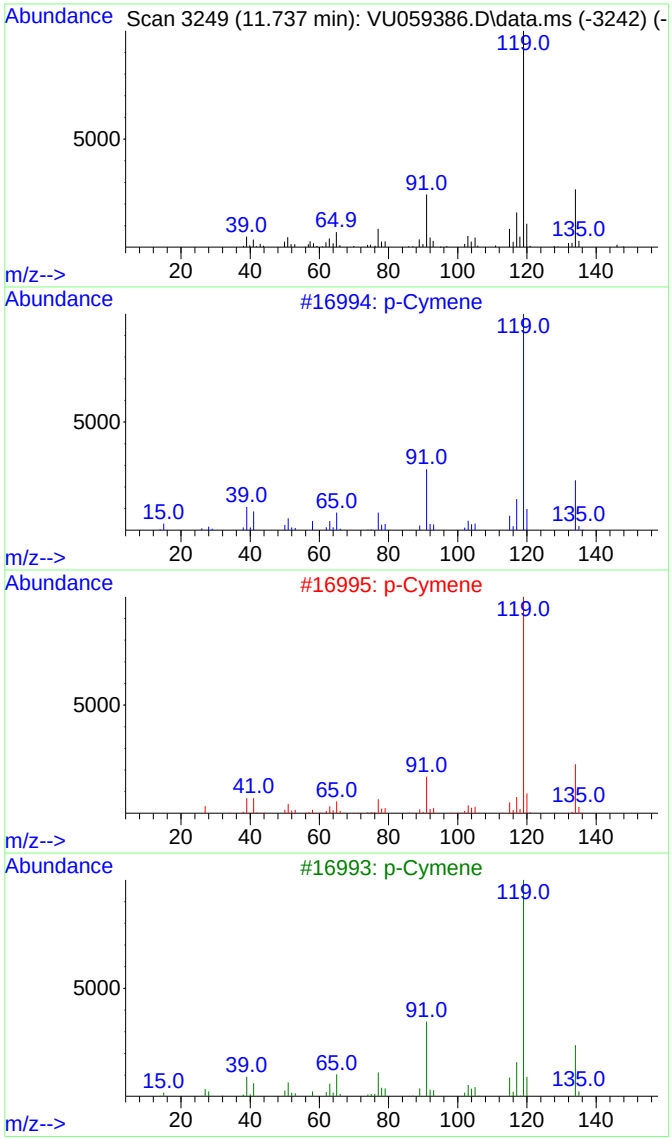
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

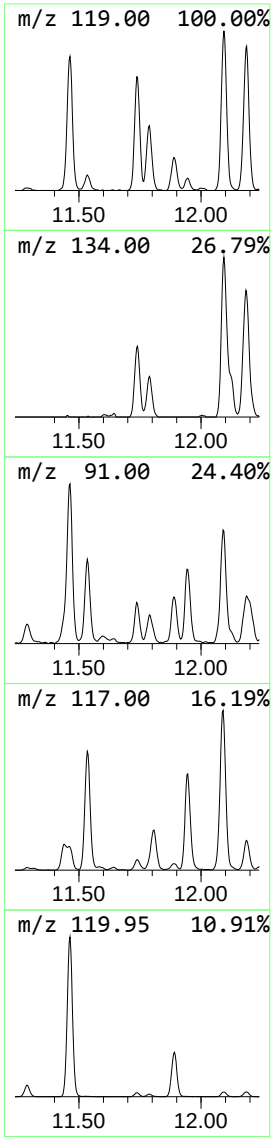
****

Peak Number 6 p-Cymene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.737	6.82 ug/L	109325	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	p-Cymene	134	C10H14	000099-87-6	94
3	p-Cymene	134	C10H14	000099-87-6	94
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	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

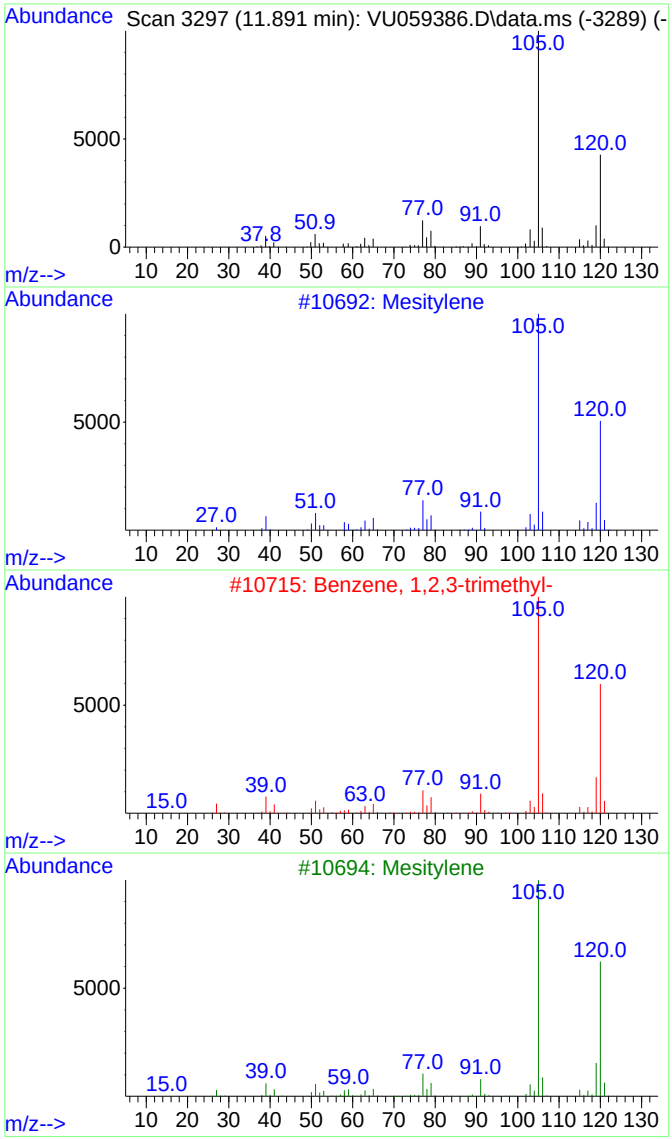
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

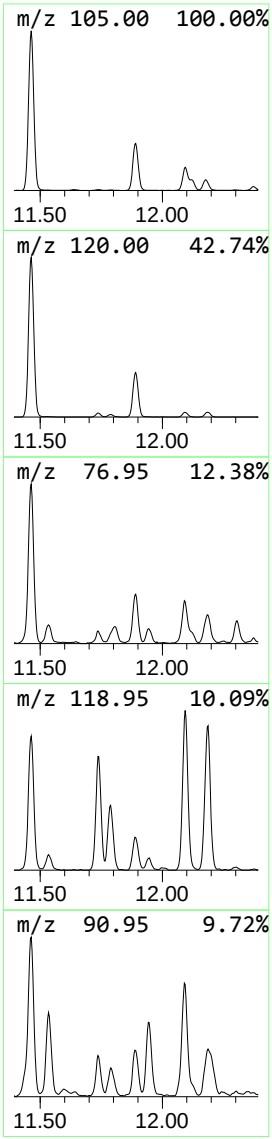
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	20.59 ug/L	330103	1,4-Dichlorobenzene-d4	11.807

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

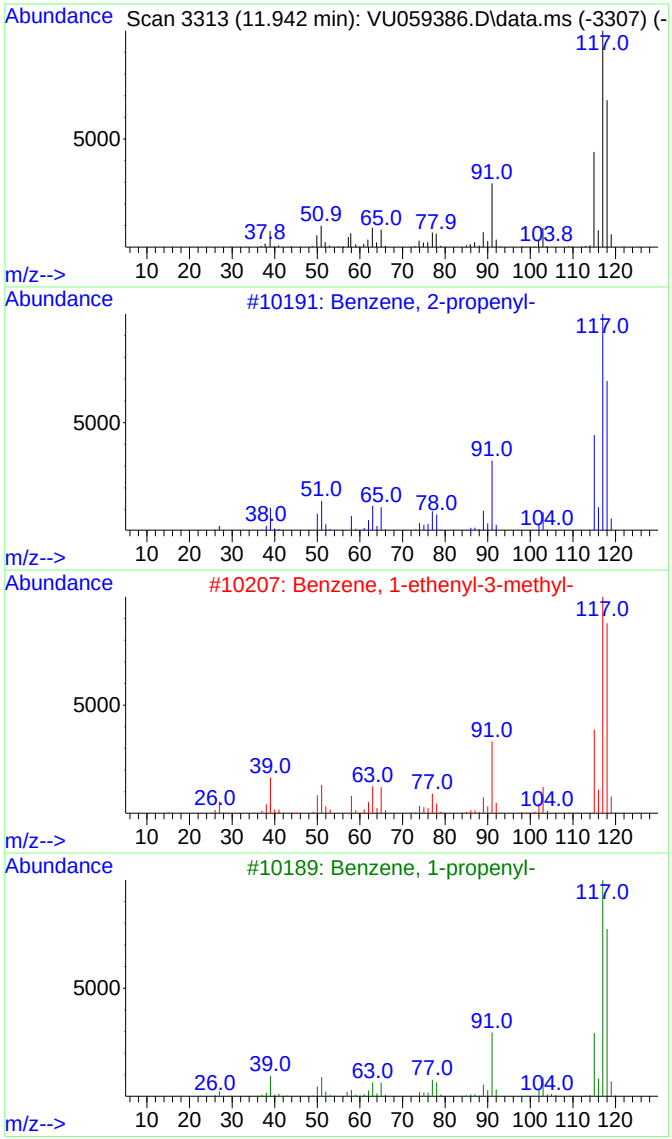
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

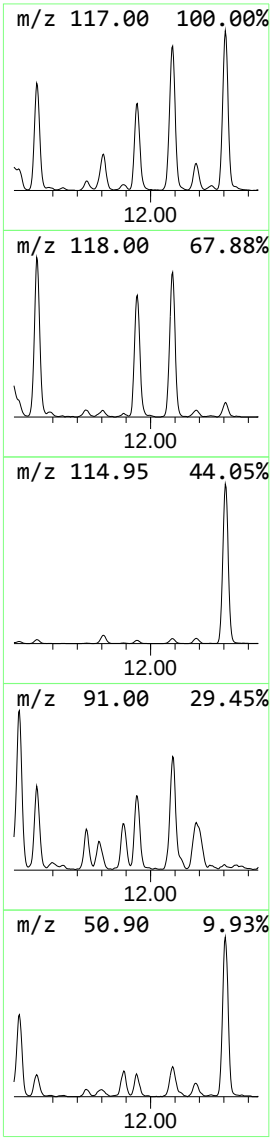
****

Peak Number 8 Benzene, 2-propenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.942	14.68 ug/L	235308	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93





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Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

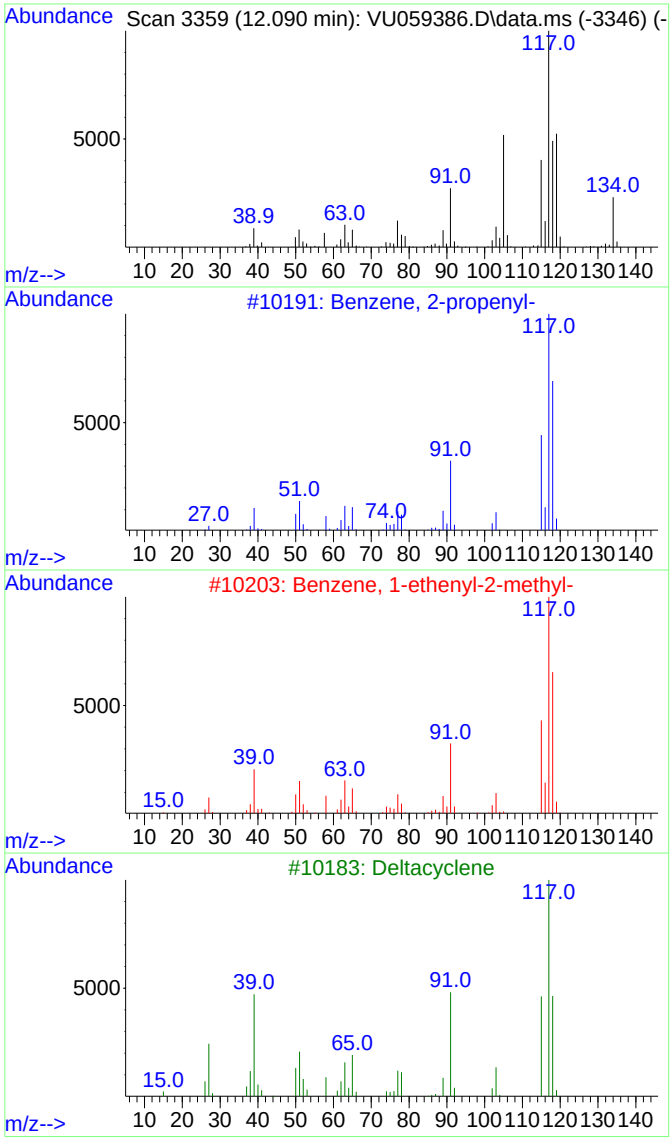
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

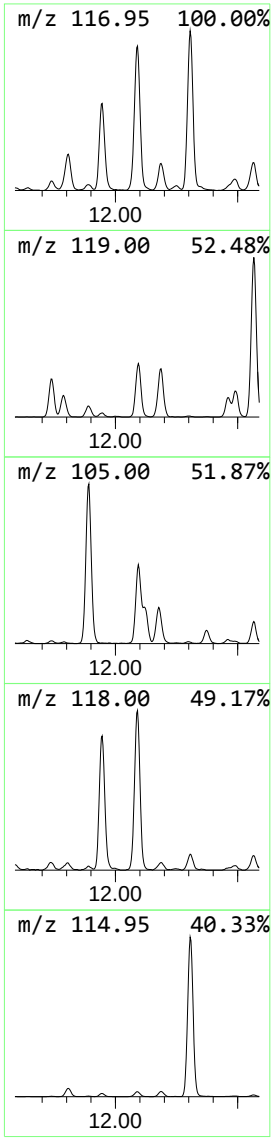
****

Peak Number 9 Benzene, cyclopropyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	40.52 ug/L	649555	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
3	Deltacyclene	118	C9H10	007785-10-6	50
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	50
5	Deltacyclene	118	C9H10	007785-10-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

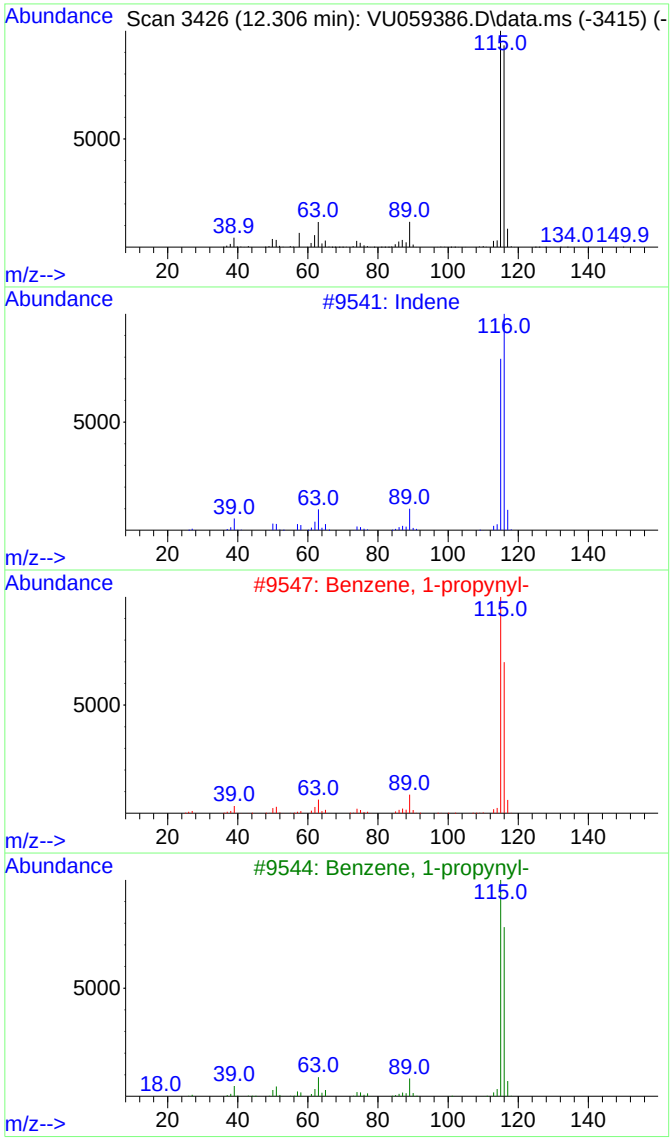
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

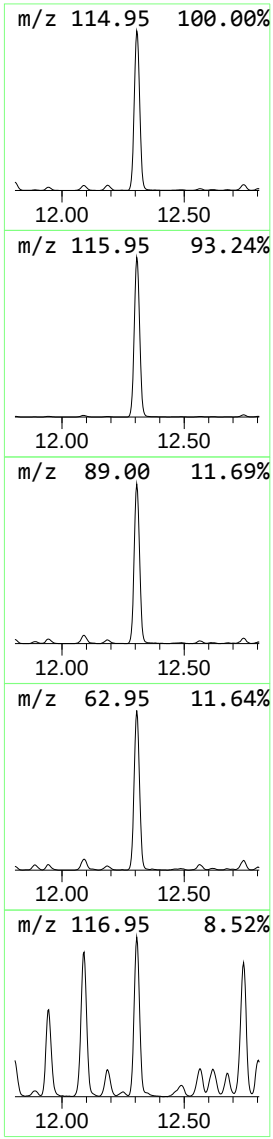
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.306	256.72 ug/L	4115210	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





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Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

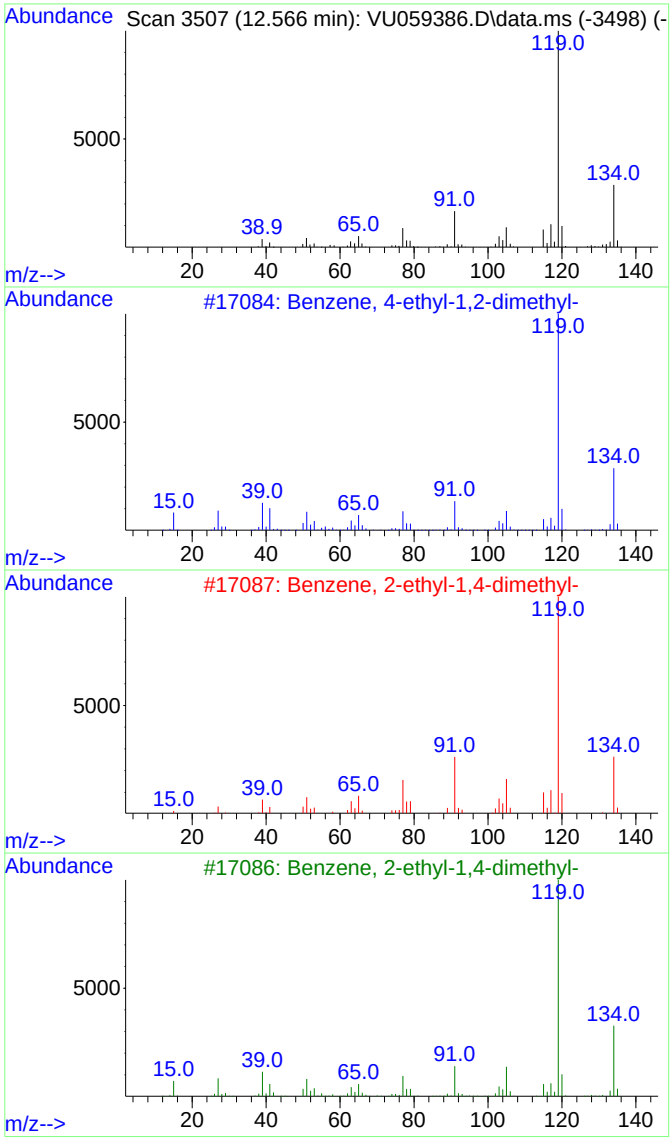
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

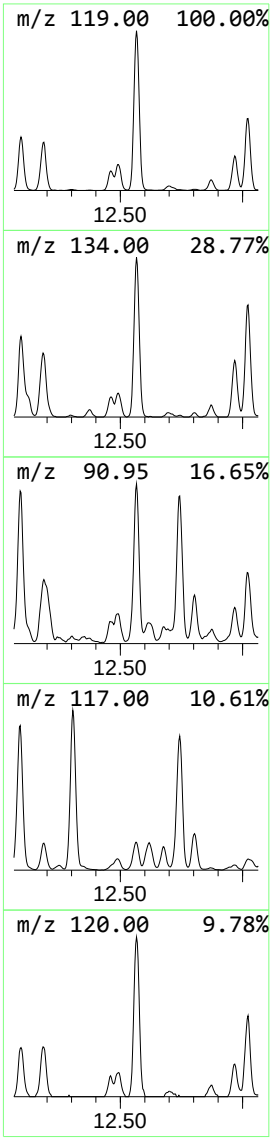
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	28.23 ug/L	452579	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

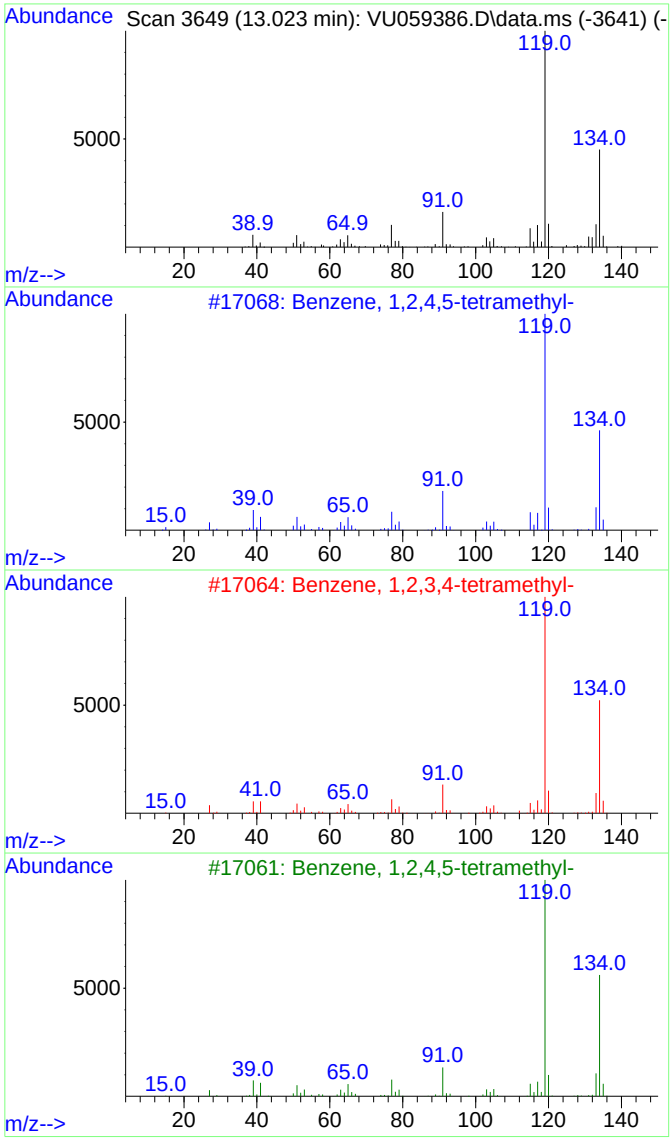
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

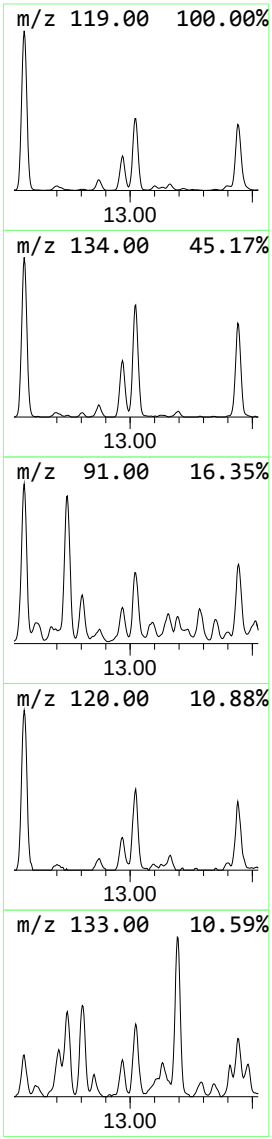
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.023	15.63 ug/L	250508	1,4-Dichlorobenzene-d4	11.807

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

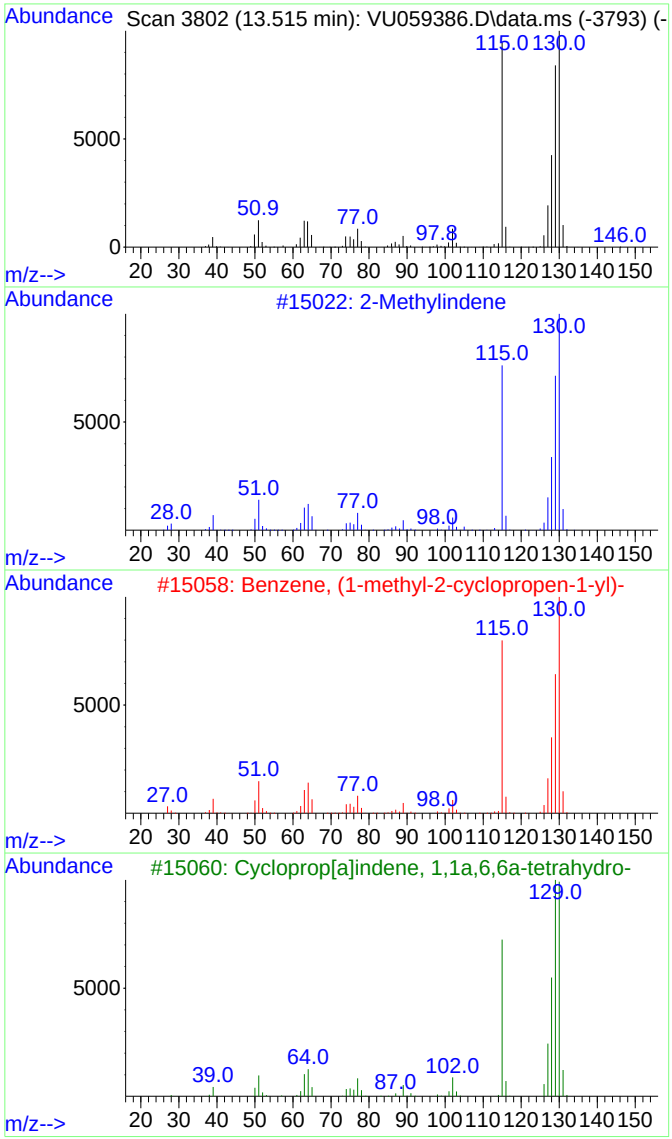
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

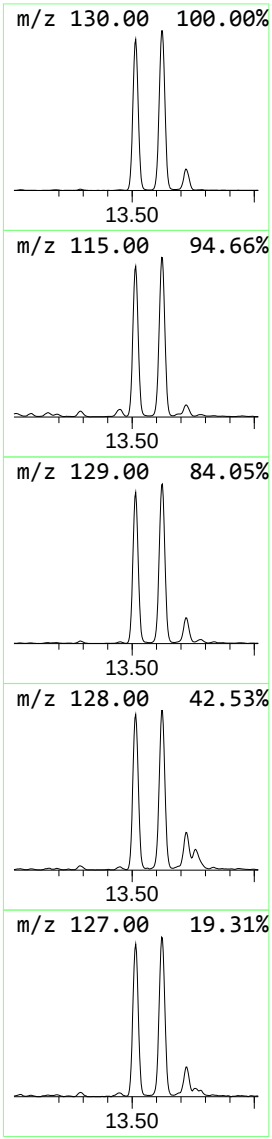
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.515	98.07 ug/L	1572030	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93





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Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

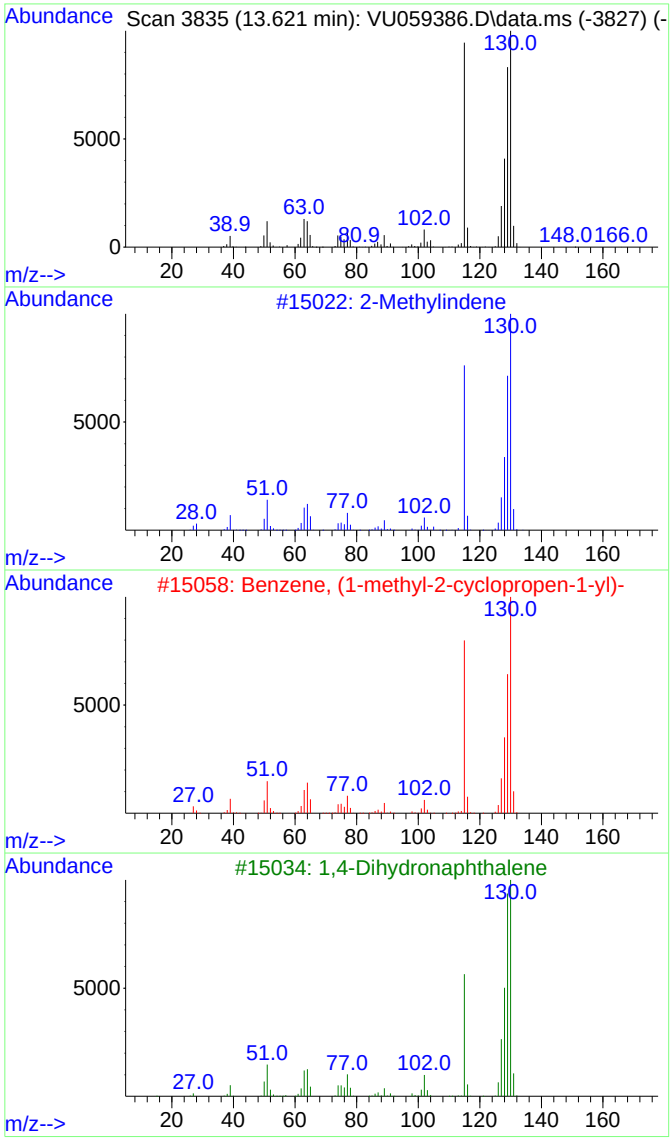
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

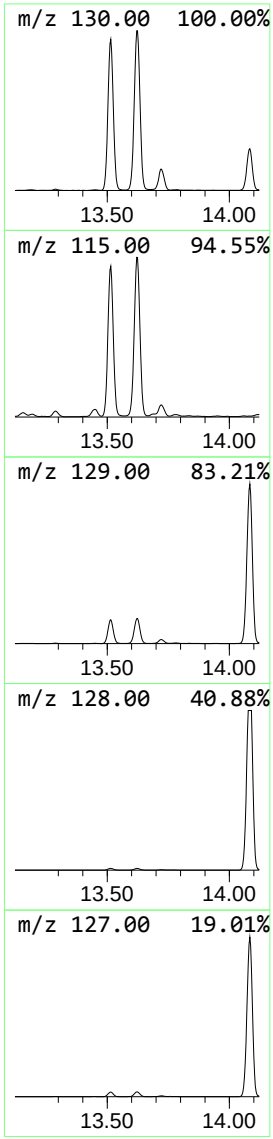
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (1-methyl-2-cyclop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	114.84 ug/L	1840930	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94





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Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

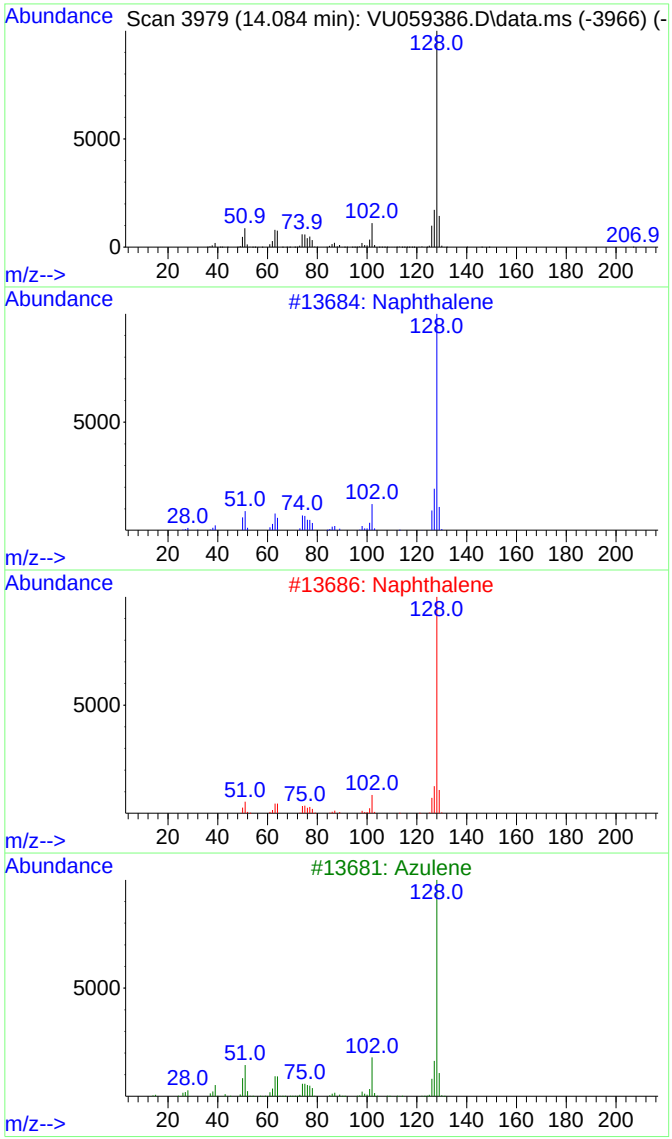
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

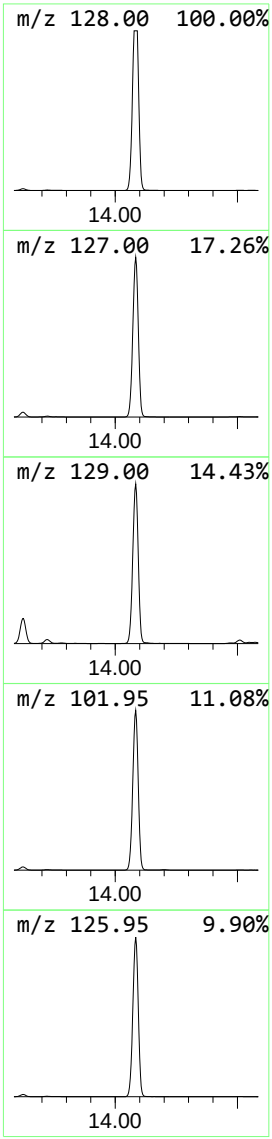
****

Peak Number 15 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.084	2104.13 ug/L	33729600	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Naphthalene	128	C10H8	000091-20-3	95
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





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Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

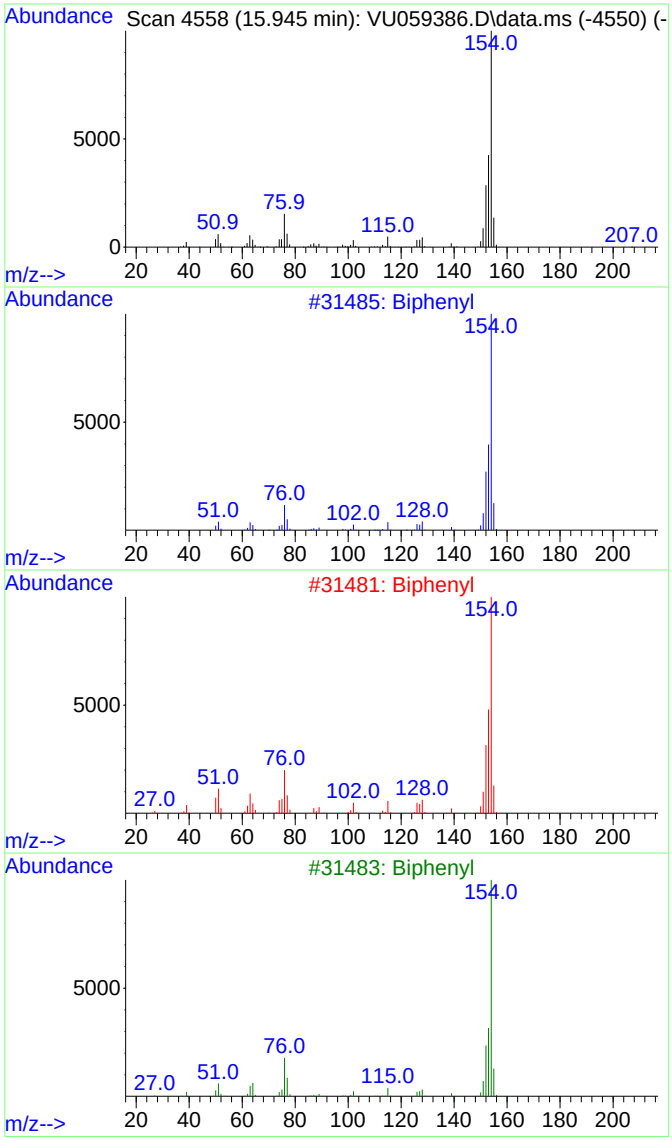
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

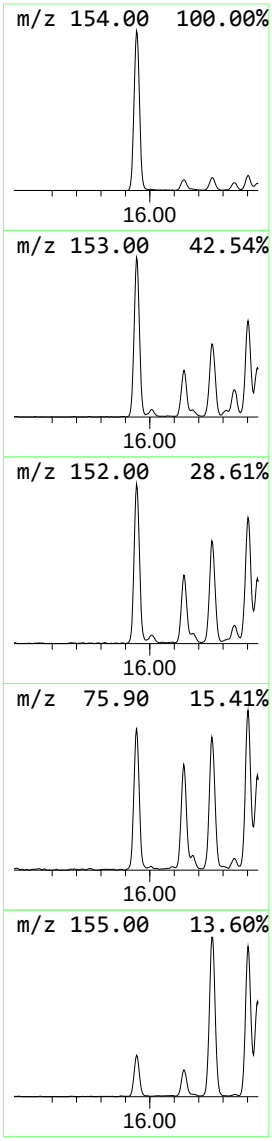
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 2-ethenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	37.17 ug/L	595909	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	93
3	Biphenyl	154	C12H10	000092-52-4	93
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	83





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Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

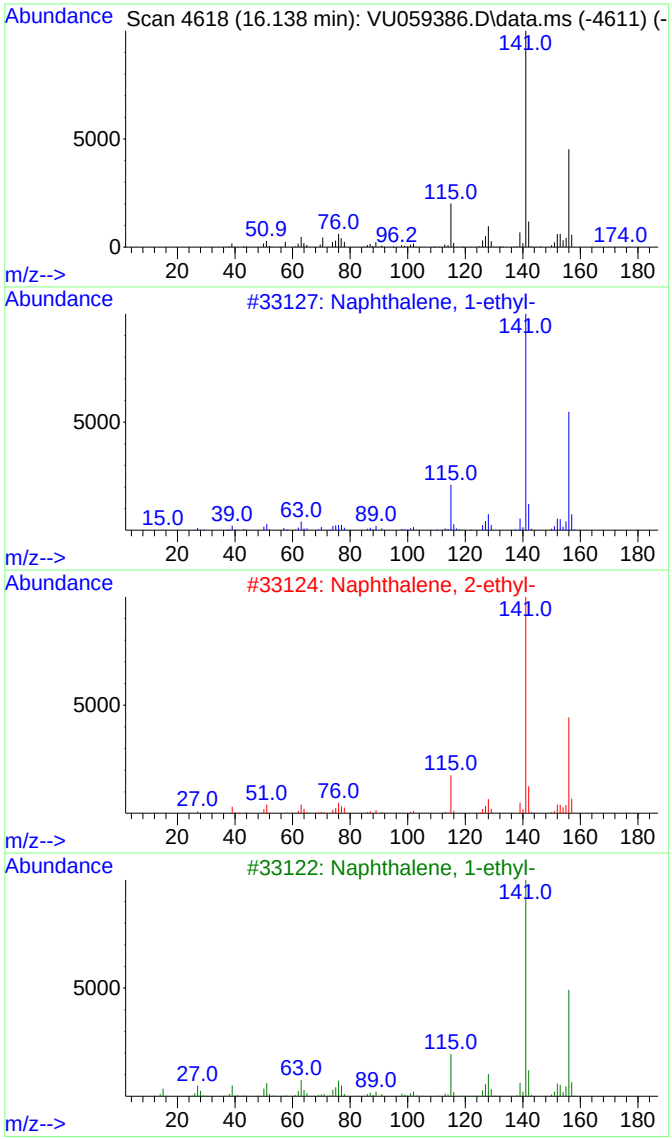
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

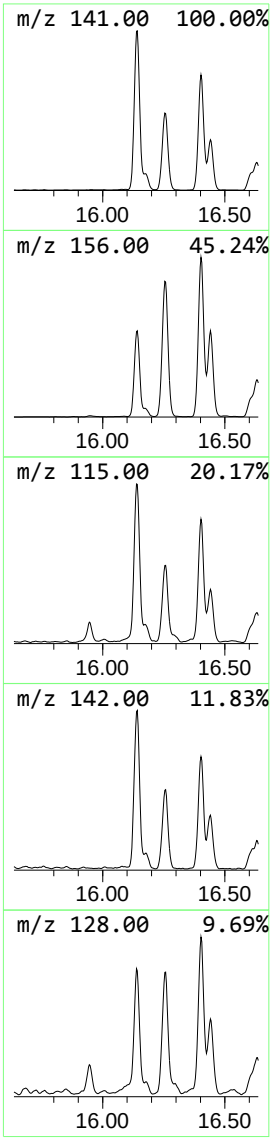
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.138	68.95 ug/L	1105230	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

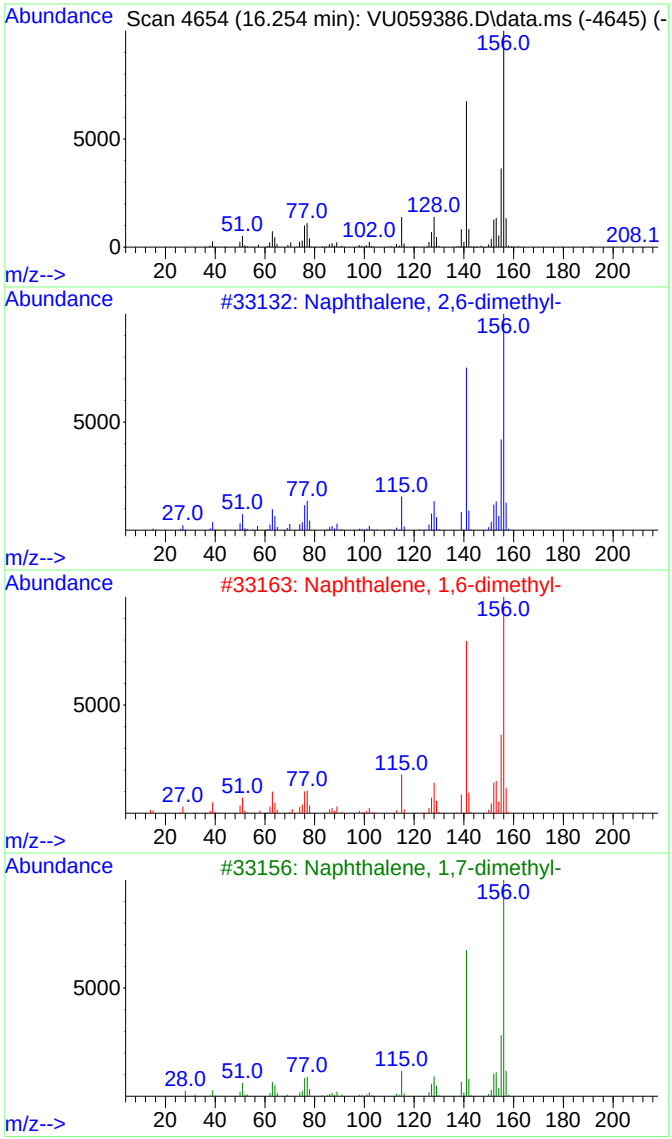
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

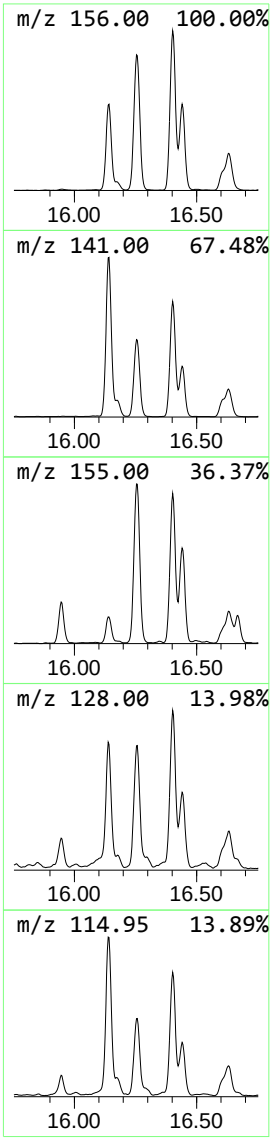
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.254	94.49 ug/L	1514630	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

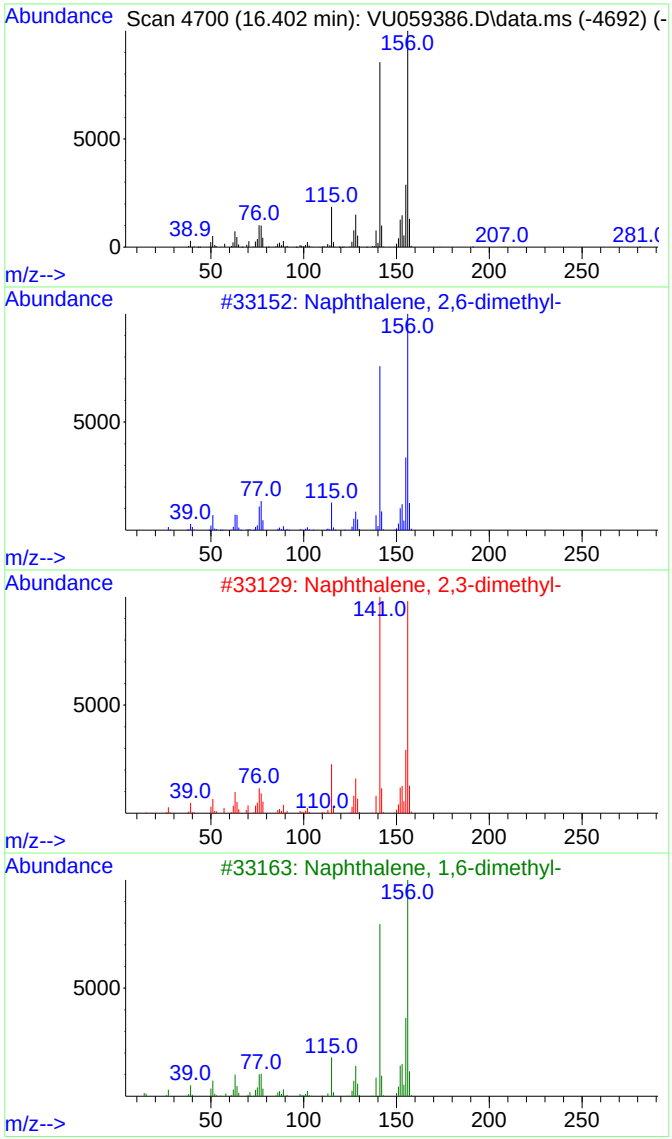
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

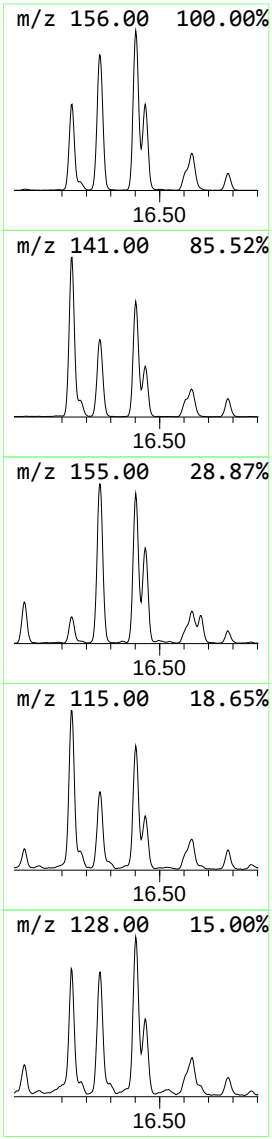
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.402	92.67 ug/L	1485460	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

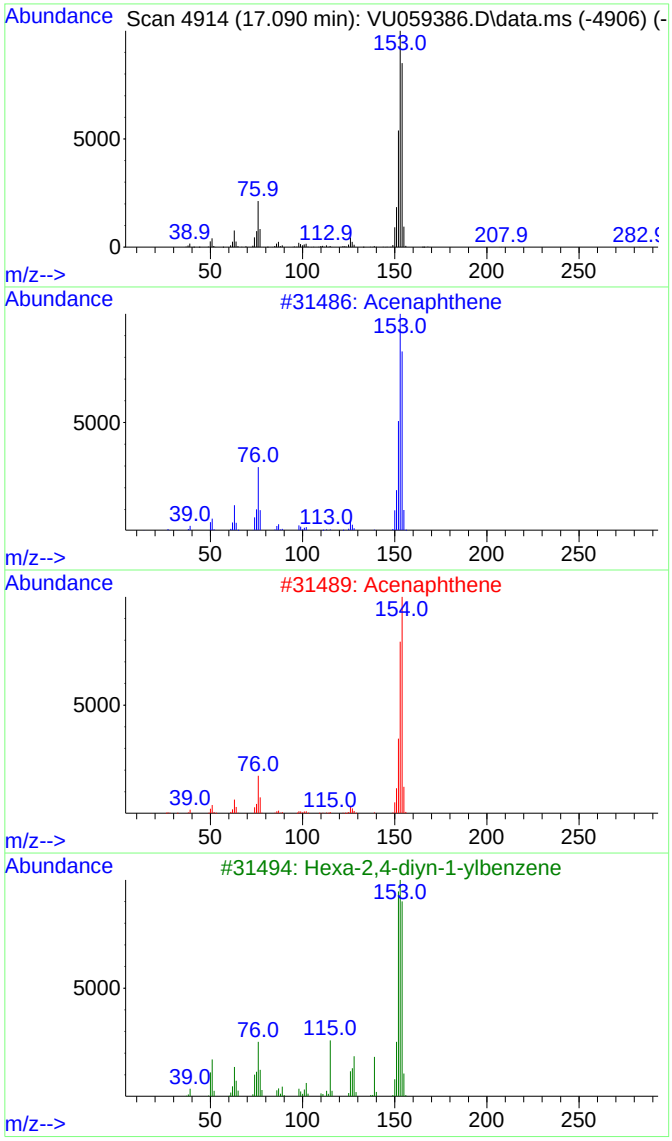
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

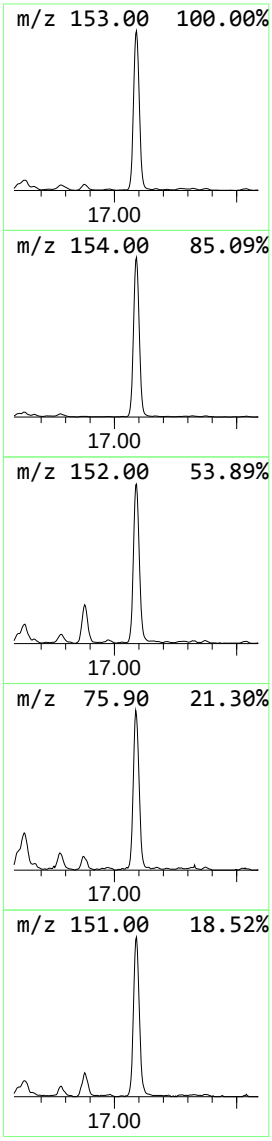
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.090	51.97 ug/L	833093	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	76
2	Acenaphthene	154	C12H10	000083-32-9	60
3	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59
4	Acenaphthene	154	C12H10	000083-32-9	58
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
Data File : VU059386.D
Acq On : 20 Jun 2024 17:54
Operator : MD/SY
Sample : P2897-14 20X
Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.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
Benzene, propyl-	10.904	4.7	ug/L	74832	3	11.807	801510	50.0
Benzene, 1-ethy...	10.994	89.7	ug/L	1437470	3	11.807	801510	50.0
Benzene, 1-ethy...	11.290	7.5	ug/L	119729	3	11.807	801510	50.0
Benzene, 1-ethe...	11.534	18.2	ug/L	291384	3	11.807	801510	50.0
p-Cymene	11.737	6.8	ug/L	109325	3	11.807	801510	50.0
Benzene, 1,2,3-...	11.891	20.6	ug/L	330103	3	11.807	801510	50.0
Benzene, 2-prop...	11.942	14.7	ug/L	235308	3	11.807	801510	50.0
Benzene, cyclop...	12.090	40.5	ug/L	649555	3	11.807	801510	50.0
Indene	12.306	256.7	ug/L	4115210	3	11.807	801510	50.0
Benzene, 4-ethy...	12.566	28.2	ug/L	452579	3	11.807	801510	50.0
Benzene, 1,2,4,...	13.023	15.6	ug/L	250508	3	11.807	801510	50.0
2-Methylindene	13.515	98.1	ug/L	1572030	3	11.807	801510	50.0
Benzene, (1-met...	13.621	114.8	ug/L	1840930	3	11.807	801510	50.0
Azulene	14.084	2104.1	ug/L	33729600	3	11.807	801510	50.0
Naphthalene, 2-...	15.945	37.2	ug/L	595909	3	11.807	801510	50.0
Naphthalene, 1-...	16.138	69.0	ug/L	1105230	3	11.807	801510	50.0
Naphthalene, 2,...	16.254	94.5	ug/L	1514630	3	11.807	801510	50.0
Naphthalene, 2,...	16.402	92.7	ug/L	1485460	3	11.807	801510	50.0
Hexa-2,4-diyn-1...	17.090	52.0	ug/L	833093	3	11.807	801510	50.0