LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

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\SFAMULM092022WMA.M
Title : VOC Analysis

Signal : TIC: VU050855.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	73	81	103	rVB2	379899	480234	25.73%	2.004%
2	1.909	169	177	200	rVB2	206256	339615	18.19%	1.417%
3	2.565	368	381	396	rBV2	390429	658697	35.29%	2.749%
4	2.790	436	451	455	rBV6	5868	11443	0.61%	0.048%
5	3.047	521	531	538	rBV3	2329	4688	0.25%	0.020%
6	3.076	538	540	548	rVV4	1106	1189	0.06%	0.005%
7	3.189	562	575	585	rVV	2932	6638	0.36%	0.028%
8	3.359	616	628	642	rBV5	10410	22318	1.20%	0.093%
9	3.694	724	732	744	rBV6	2059	3964	0.21%	0.017%
10	3.867	767	786	812	rBV	410919	966564	51.78%	4.034%
11	4.530	988	992	1002	rVB5	1960	2643	0.14%	0.011%
12	4.623	1008	1021	1026	rBV	209988	432450	23.17%	1.805%
13	4.809	1077	1079	1092	rVB6	1573	2725	0.15%	0.011%
14	5.060	1141	1157	1183	rVB	330329	734526	39.35%	3.066%
15	5.314	1219	1236	1258	rBV	388249	874193	46.83%	3.649%
16	5.723	1342	1363	1395	rBV2	680921	1866560	100.00%	7.791%
17	5.983	1442	1444	1449	rVB5	1391	1299	0.07%	0.005%
18	6.131	1479	1490	1494	rBV6	1850	2595	0.14%	0.011%
19	6.247	1512	1526	1545	rBV	531210	1010814	54.15%	4.219%
20	6.542	1600	1618	1635	rBV	247950	468171	25.08%	1.954%
21	6.690	1649	1664	1678	rBV	434482	854349	45.77%	3.566%
22	6.973	1748	1752	1755	rBV4	1578	1409	0.08%	0.006%
23	7.067	1772	1781	1787	rBV5	1052	1703	0.09%	0.007%
24	7.182	1812	1817	1826	rBV6	1825	2957	0.16%	0.012%
25	7.231	1826	1832	1840	rVB6	1705	2559	0.14%	0.011%
26	7.565	1921	1936	1952	rBV	209290	371101	19.88%	1.549%
27	7.687	1970	1974	1985	rVB5	1427	2467	0.13%	0.010%
28	7.896	2016	2039	2053	rBV	776083	1356626	72.68%	5.662%
29	7.967	2054	2061	2074	rVB	31124	55504	2.97%	0.232%
30	8.095	2097	2101	2107	rBV6	1444	1319	0.07%	0.006%
31	8.179	2115	2127	2139	rBV	147229	252306	13.52%	1.053%
32	8.240	2140	2146	2160	rVB6	12258	22005	1.18%	0.092%
33	8.369	2177	2186	2193	rBV7	6475	10739	0.58%	0.045%
34	8.465	2213	2216	2220	rBV3	1455	1426	0.08%	0.006%
35	8.552	2230	2243	2256	rBV	439611	734548	39.35%	3.066%
36	8.632	2257	2268	2307	rVB2	588855	1124117	60.22%	4.692%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

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\SFAMULM092022WMA.M
Title : VOC Analysis

37	8.806	2314	2322	2330	rVV10	5346	9867	0.53%	0.041%
38	8.864	2331	2340	2349	rVV3	20264	34024	1.82%	0.142%
39	8.925	2350	2359	2370	rVB4	9310	14776	0.79%	0.062%
40	9.163	2427	2433	2439	rBV6	1972	2820	0.15%	0.012%
41	9.417	2499	2512	2532	rBV	731394	1230540	65.93%	5.136%
42	9.507	2535	2540	2549	rVV5	10534	16490	0.88%	0.069%
43	9.568	2549	2559	2574	rVB	62976	103912	5.57%	0.434%
44	9.693	2585	2598	2611	rBV9	14651	32880	1.76%	0.137%
45	9.890	2648	2659	2666	rBV5	4897	6995	0.37%	0.029%
46	10.037	2693	2705	2709	rBV6	5143	9868	0.53%	0.041%
47	10.099	2719	2724	2740	rVB2	15353	26309	1.41%	0.110%
48	10.234	2759	2766	2770	rVV6	3525	5204	0.28%	0.022%
49	10.272	2770	2778	2789	rVB5	20931	34256	1.84%	0.143%
50	10.359	2796	2805	2820	rVB8	8593	17552	0.94%	0.073%
51	10.481	2834	2843	2855	rBV2	19644	30172	1.62%	0.126%
52	10.568	2865	2870	2879	rVB8	2329	4106	0.22%	0.017%
53	10.645	2886	2894	2896	rBV6	1489	1696	0.09%	0.007%
54	10.697	2899	2910	2916	rBV7	9556	15355	0.82%	0.064%
55	10.754	2917	2928	2941	rBV	635409	998834	53.51%	4.169%
56	10.906	2963	2975	2985	rBV	74413	116607	6.25%	0.487%
57	10.996	2993	3003	3019	rBV	31428	64698	3.47%	0.270%
58	11.086	3019	3031	3049	rBV	364794	563268	30.18%	2.351%
59	11.291	3082	3095	3115	rBV	431649	688167	36.87%	2.872%
60	11.414	3127	3133	3138	rBV4	7195	9726	0.52%	0.041%
61	11.465	3138	3149	3172	rVB	1148639	1730590	92.72%	7.223%
62	11.607	3184	3193	3198	rBV	19250	31675	1.70%	0.132%
63	11.642	3198	3204	3215	rVB2	39283	59743	3.20%	0.249%
64	11.742	3225	3235	3243	rBV	74705	110419	5.92%	0.461%
65	11.809	3243	3256	3270	rVV	716134	1170913	62.73%	4.887%
66	11.893	3272	3282	3304	rVB	224683	351122	18.81%	1.466%
67	12.008	3310	3318	3327	rVB3	15977	23963	1.28%	0.100%
68	12.092	3330	3344	3350	rBV2	207698	346574	18.57%	1.447%
69	12.192	3363	3375	3392	rVB2	911636	1556997	83.42%	6.499%
70	12.301	3400	3409	3421	rVB2	27247	43596	2.34%	0.182%
71	12.375	3421	3432	3445	rVB	87462	136584	7.32%	0.570%
72	12.465	3448	3460	3464	rBV	108165	166676	8.93%	0.696%
73	12.568	3482	3492	3500	rBV	138440	208945	11.19%	0.872%
74	12.610	3501	3505	3518	rVB3	31747	47382	2.54%	0.198%
75	12.684	3518	3528	3548	rBV4	75593	203825	10.92%	0.851%
76	12.809	3560	3567	3575	rVB5	12016	15795	0.85%	0.066%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

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\SFAMULM092022WMA.M
Title : VOC Analysis

77	12.873	3576	3587	3600	rVB3	39607	73228	3.92%	0.306%
78	12.973	3601	3618	3626	rBV	69400	118233	6.33%	0.493%
79	13.024	3626	3634	3648	rVB	118870	184482	9.88%	0.770%
80	13.108	3650	3660	3667	rBV9	13337	25082	1.34%	0.105%
81	13.198	3684	3688	3695	rVB3	4988	5114	0.27%	0.021%
82	13.253	3699	3705	3710	rVV3	9487	14351	0.77%	0.060%
83	13.291	3711	3717	3727	rVB2	21833	31106	1.67%	0.130%
84	13.401	3742	3751	3756	rBV5	10453	16982	0.91%	0.071%
85	13.449	3757	3766	3781	rVB2	128569	223809	11.99%	0.934%
86	13.558	3795	3800	3809	rVB2	5472	7412	0.40%	0.031%
87	13.623	3809	3820	3836	rVB2	48517	80069	4.29%	0.334%
88	13.735	3846	3855	3862	rBV10	4715	7493	0.40%	0.031%
89	13.780	3862	3869	3870	rBV4	4626	4697	0.25%	0.020%
90	13.835	3878	3886	3903	rBV9	12990	26031	1.39%	0.109%
91	14.086	3949	3964	3988	rBV	84369	151191	8.10%	0.631%
92	14.188	3988	3996	4003	rVB	3058	5174	0.28%	0.022%
93	14.288	4022	4027	4037	rVB8	3705	5575	0.30%	0.023%
94	14.484	4083	4088	4094	rVB7	1690	1978	0.11%	0.008%
95	14.671	4140	4146	4147	rBV5	2453	2271	0.12%	0.009%
96	14.806	4182	4188	4196	rBV9	1637	2834	0.15%	0.012%
97	15.012	4247	4252	4261	rVB6	3542	4774	0.26%	0.020%
98	15.224	4309	4318	4327	rBV	11183	19017	1.02%	0.079%
99	15.410	4367	4376	4384	rBV2	10446	17359	0.93%	0.072%
100	15.600	4432	4435	4439	rBV3	1314	1150	0.06%	0.005%

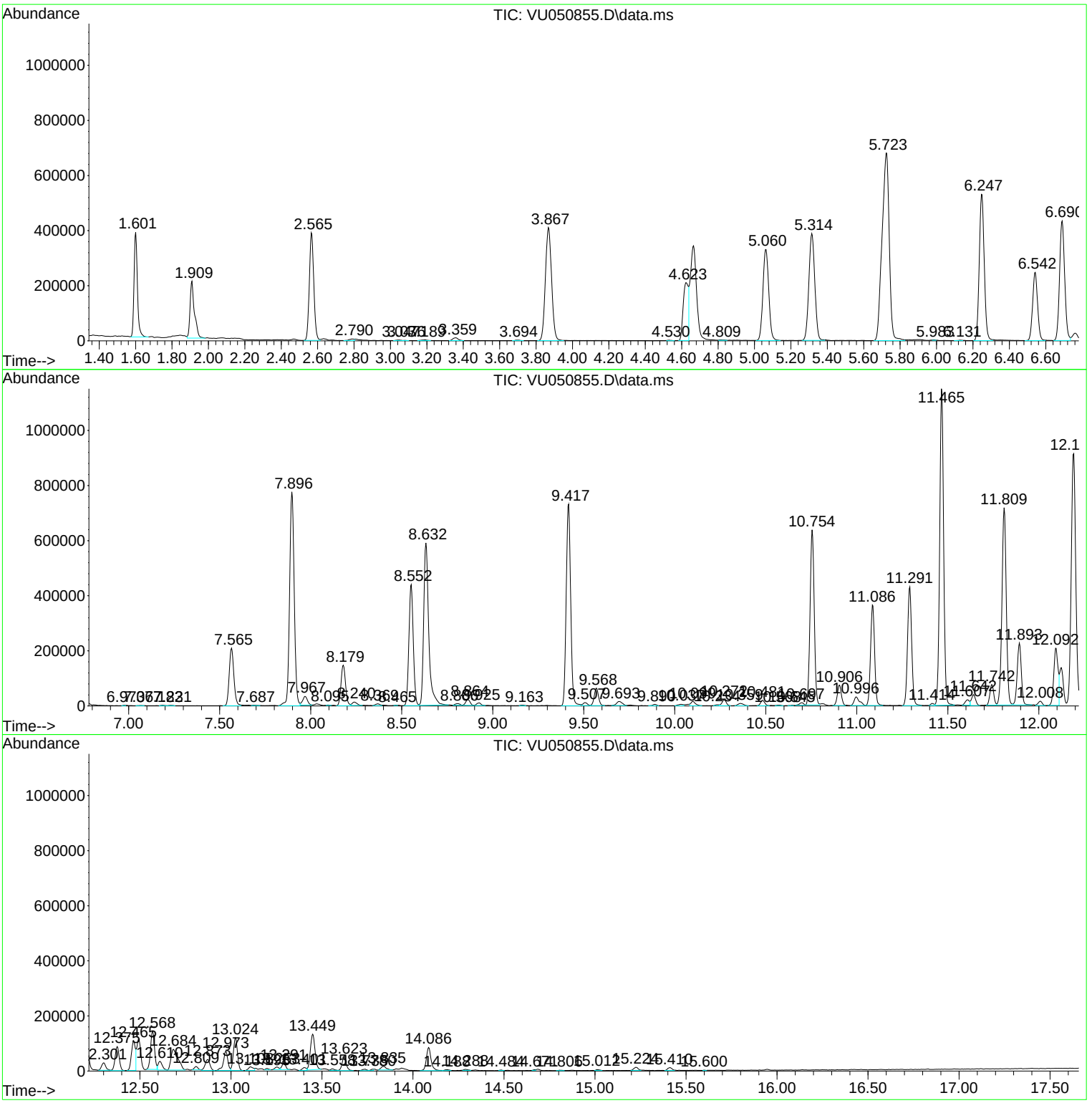
Sum of corrected areas: 23958794

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

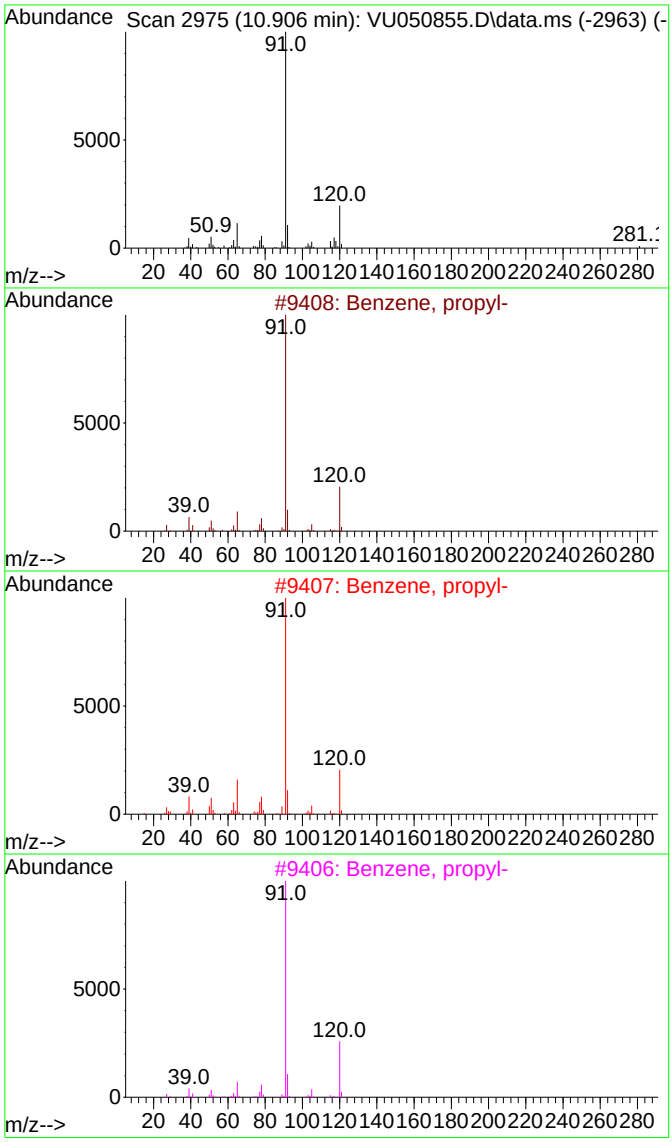
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

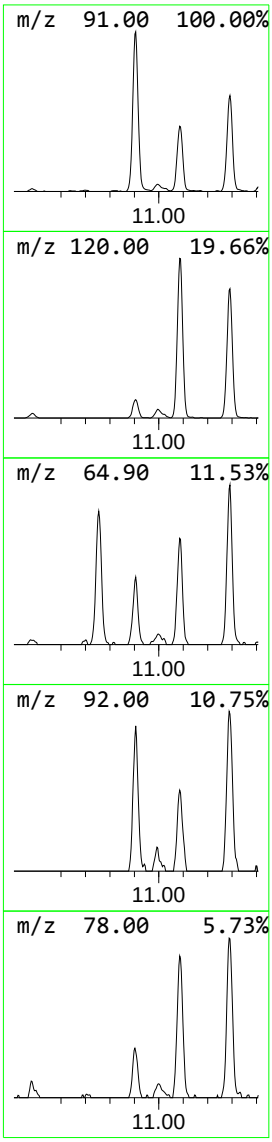
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	4.98 ug/L	116607	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	74
4	N,N-Dibenzylethylenediamine diac...	324	C20H24N2O2	000122-75-8	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

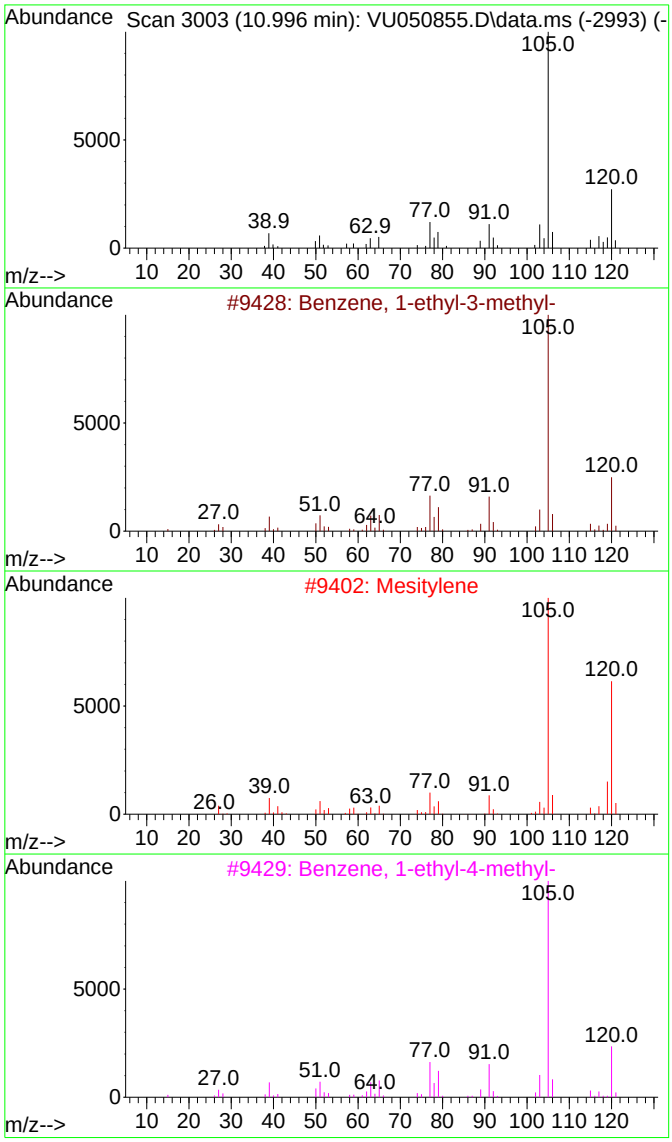
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

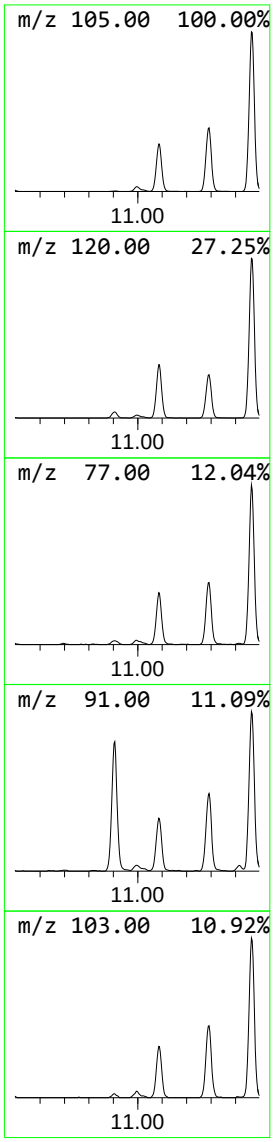
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	2.76 ug/L	64698	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

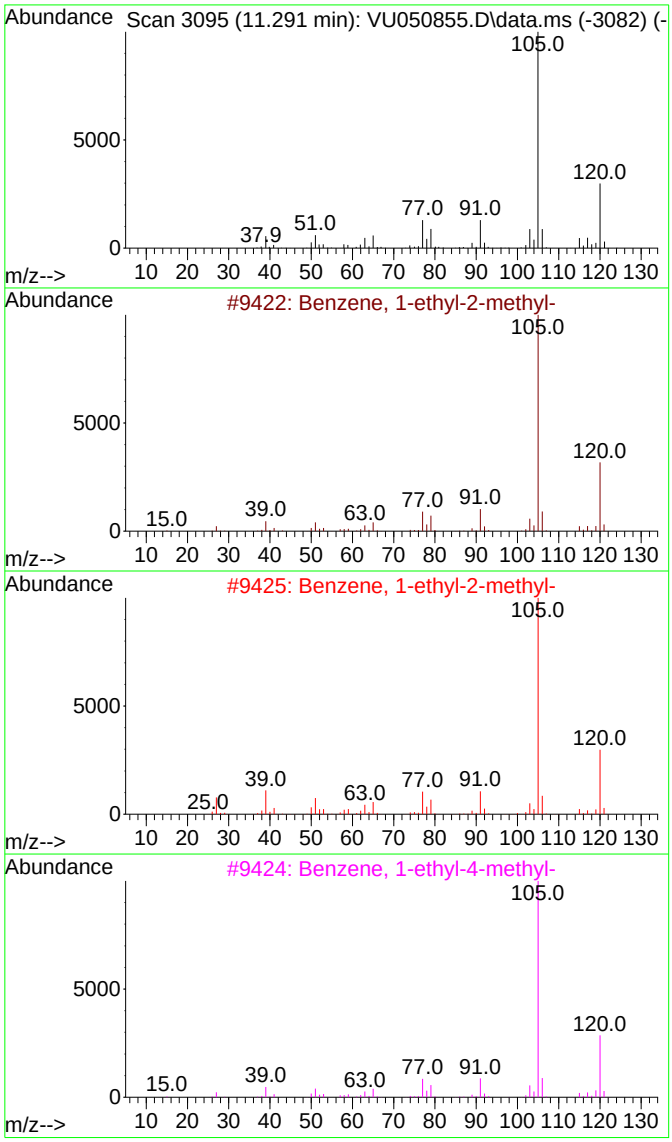
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

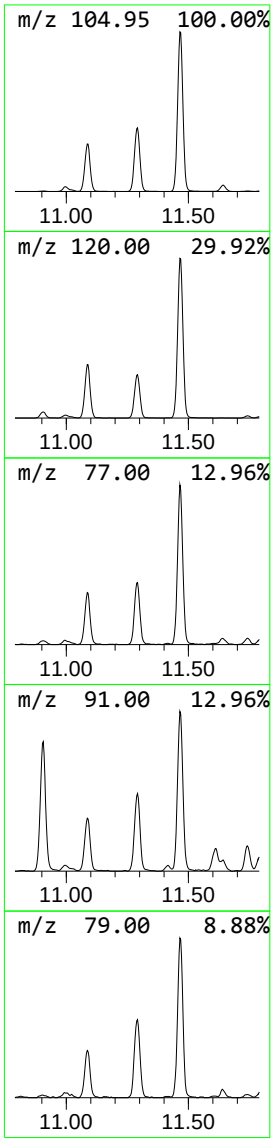
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	29.39 ug/L	688167	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

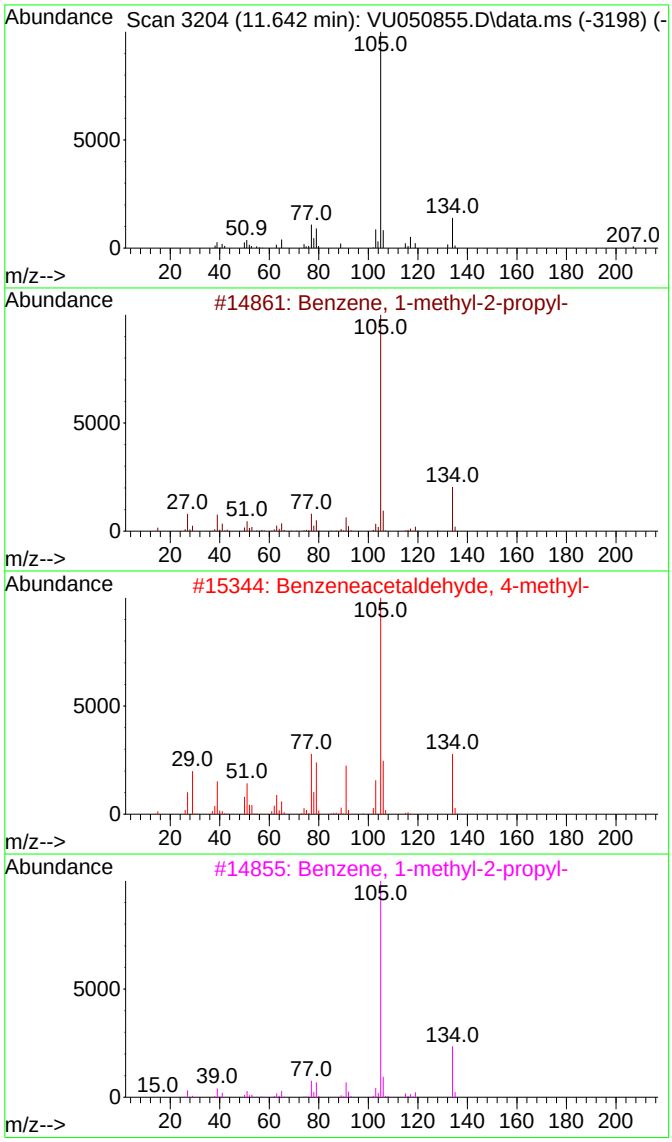
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

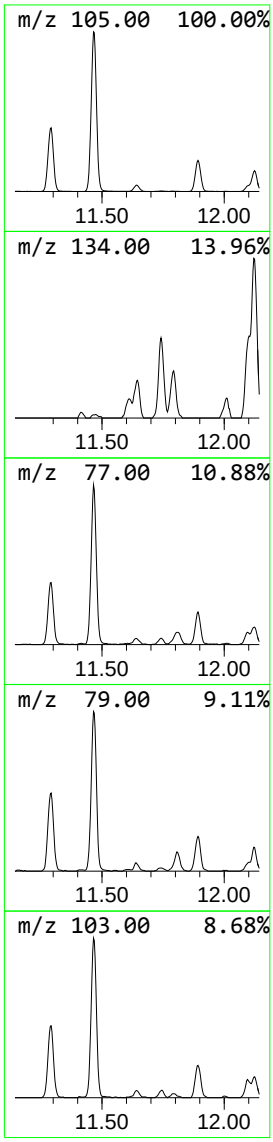
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-2-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.642	2.55 ug/L	59743	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
2	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	80
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	78
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	78
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

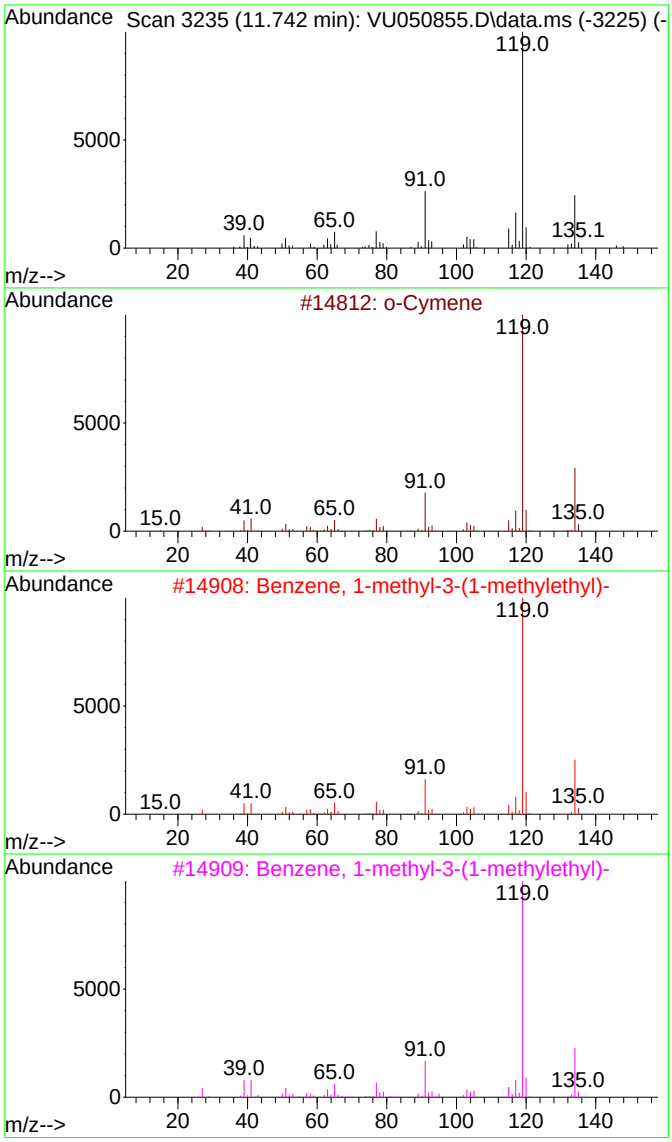
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

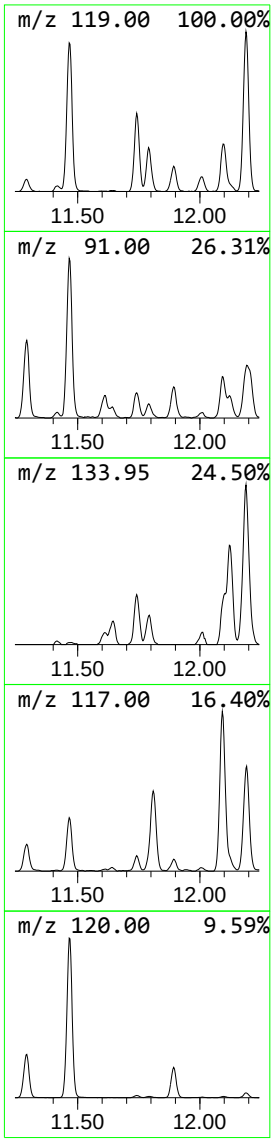
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.742	4.72 ug/L	110419	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

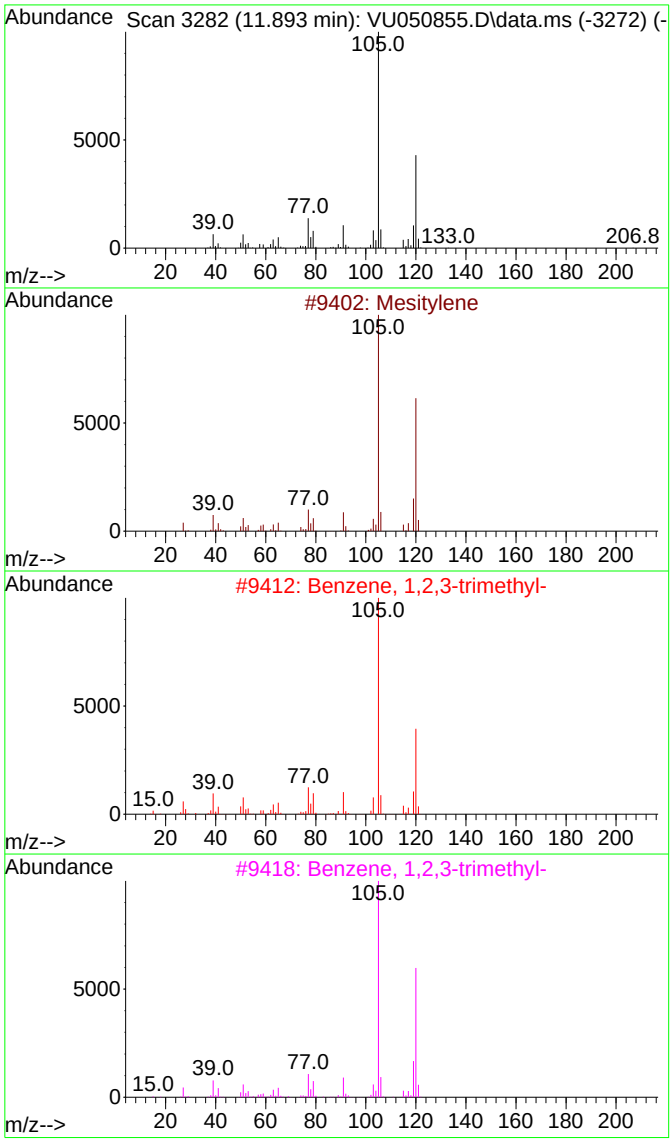
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

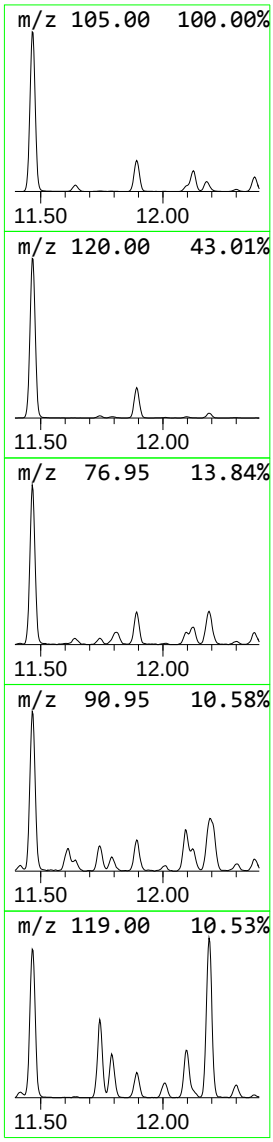
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	14.99 ug/L	351122	1,4-Dichlorobenzene-d4	11.809

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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

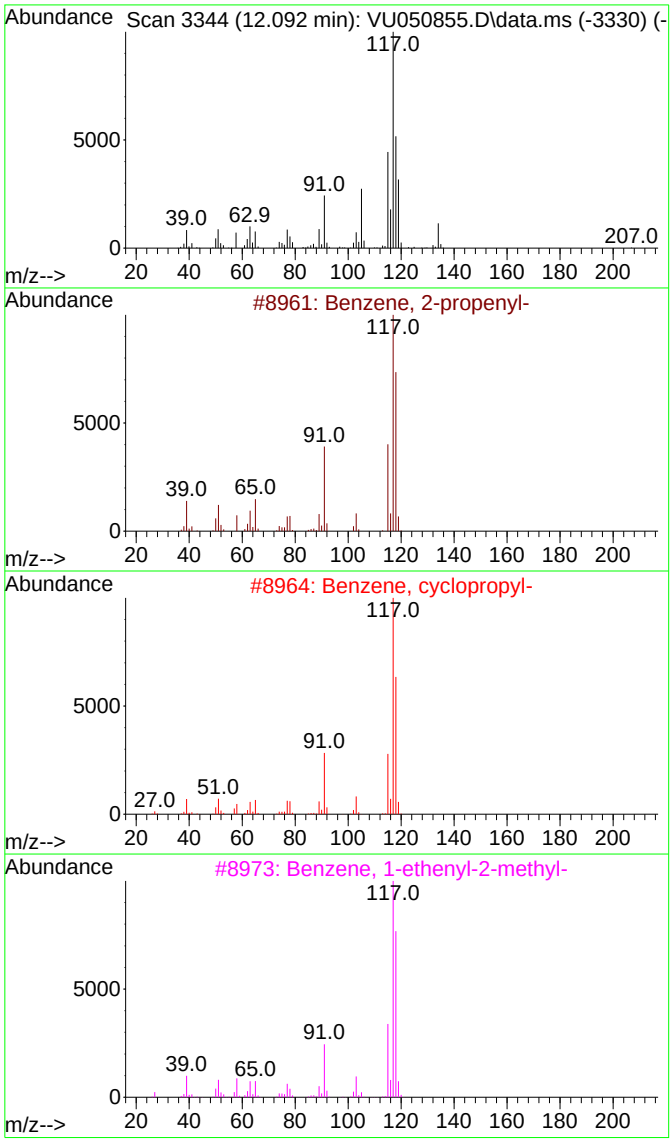
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

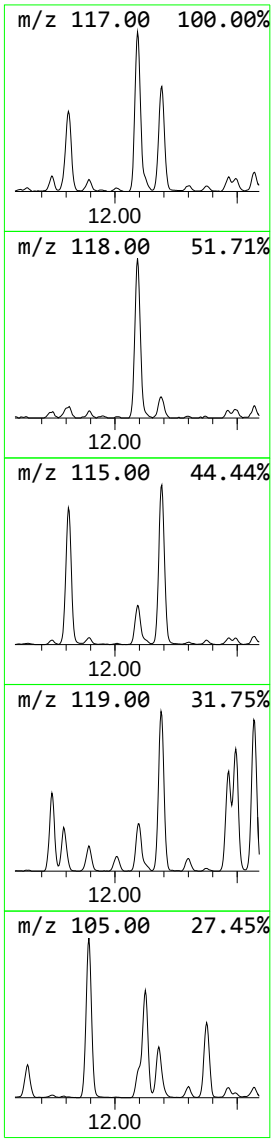
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	14.80 ug/L	346574	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

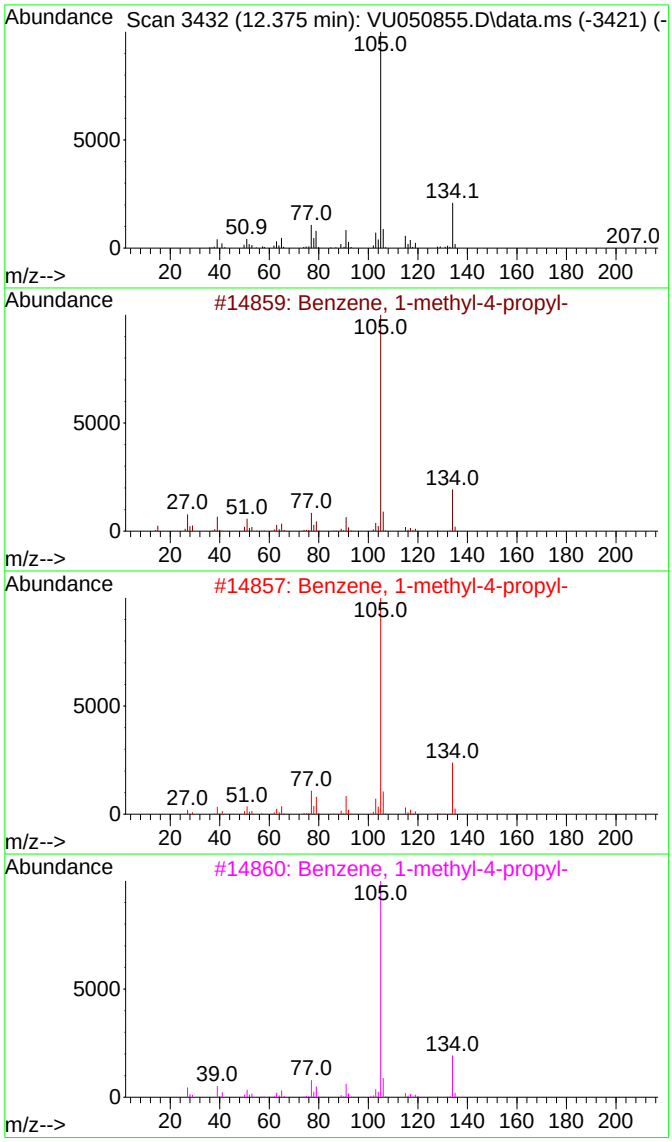
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

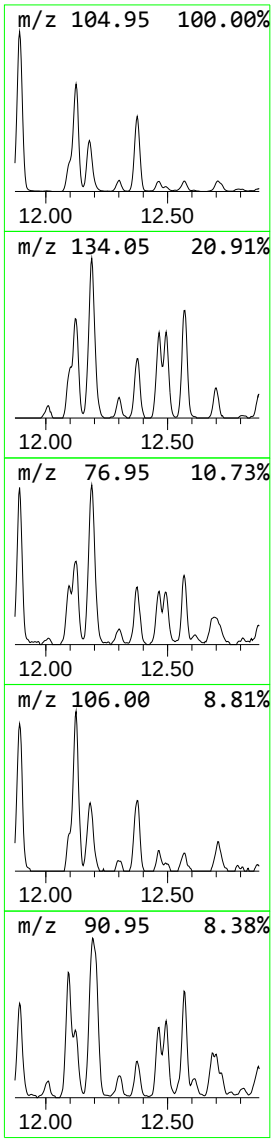
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	5.83 ug/L	136584	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

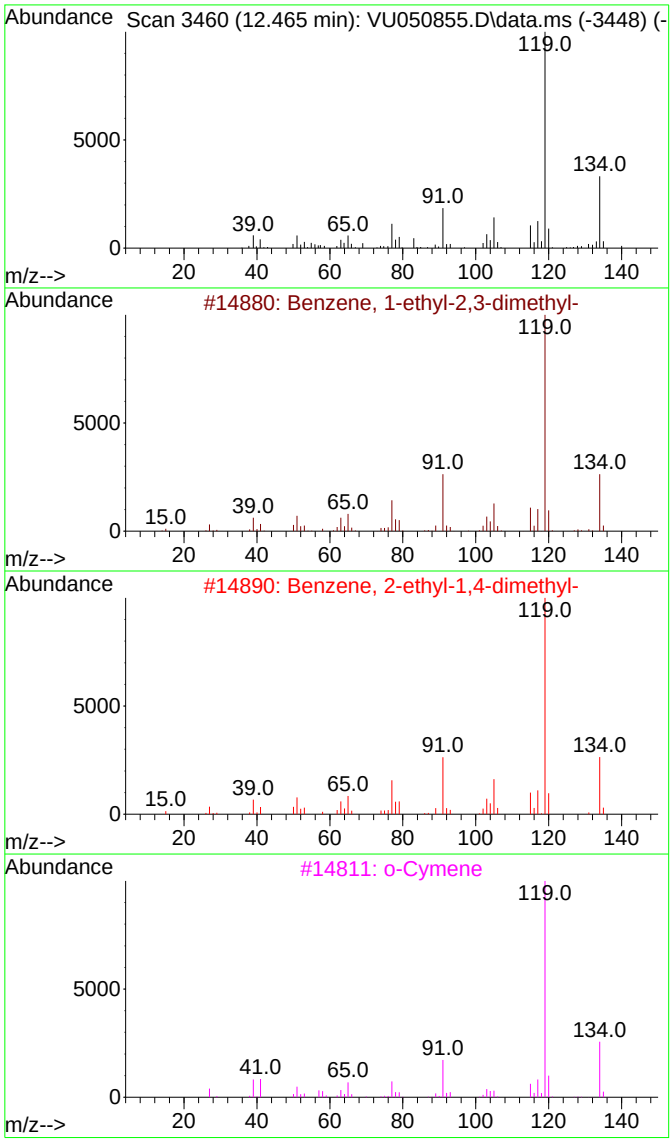
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

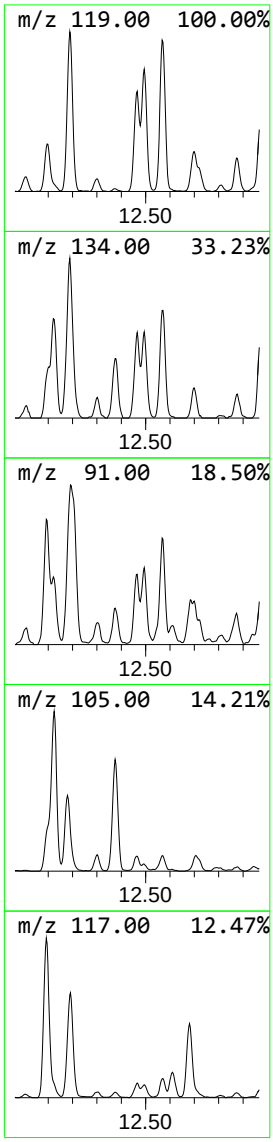
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	7.12 ug/L	166676	1,4-Dichlorobenzene-d4	11.809

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	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

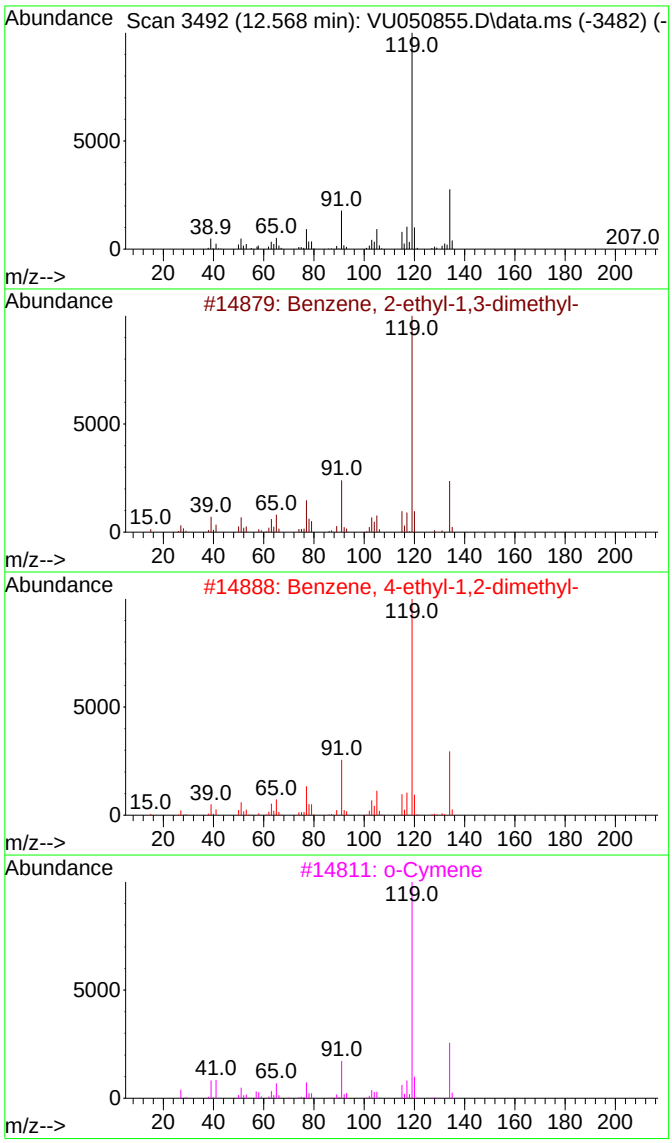
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

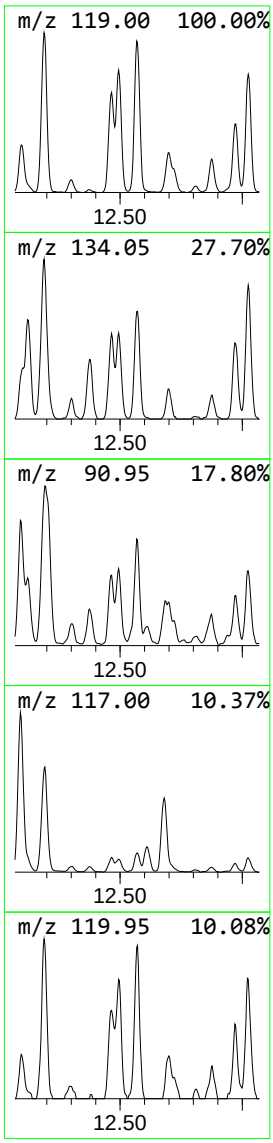
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.568	8.92 ug/L	208945	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

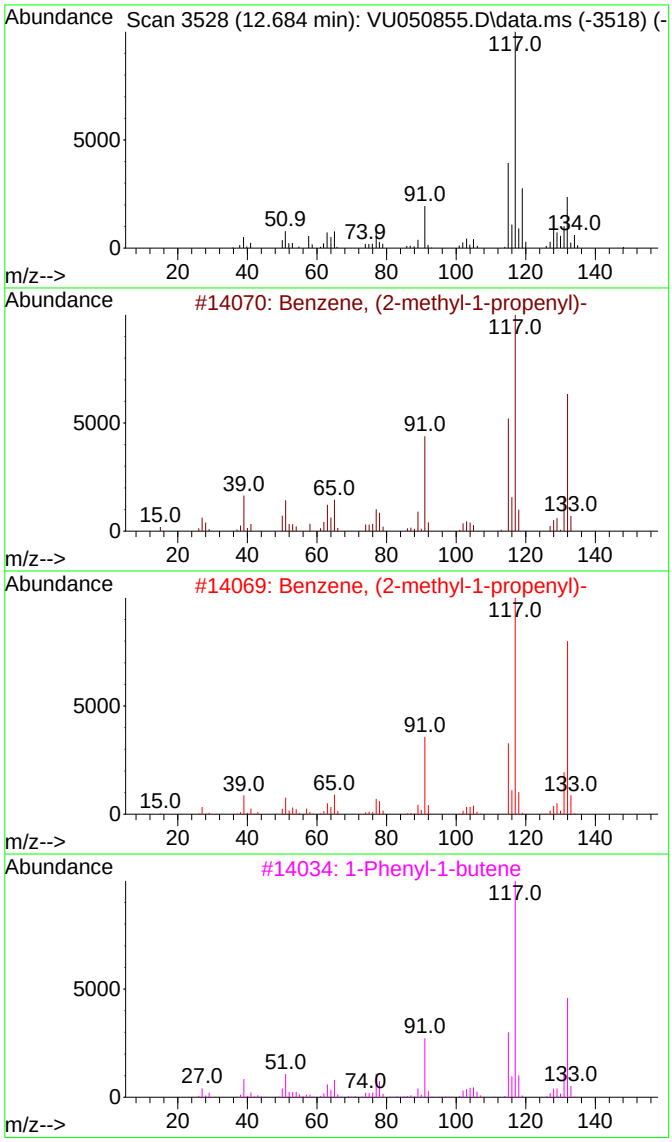
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

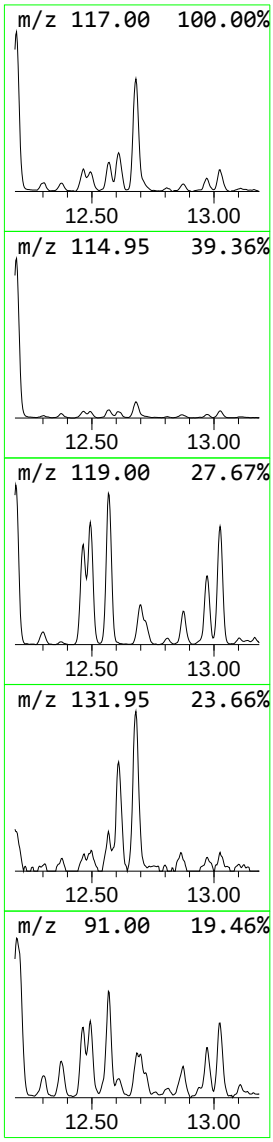
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (2-methyl-1-propen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.684	8.70 ug/L	203825	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

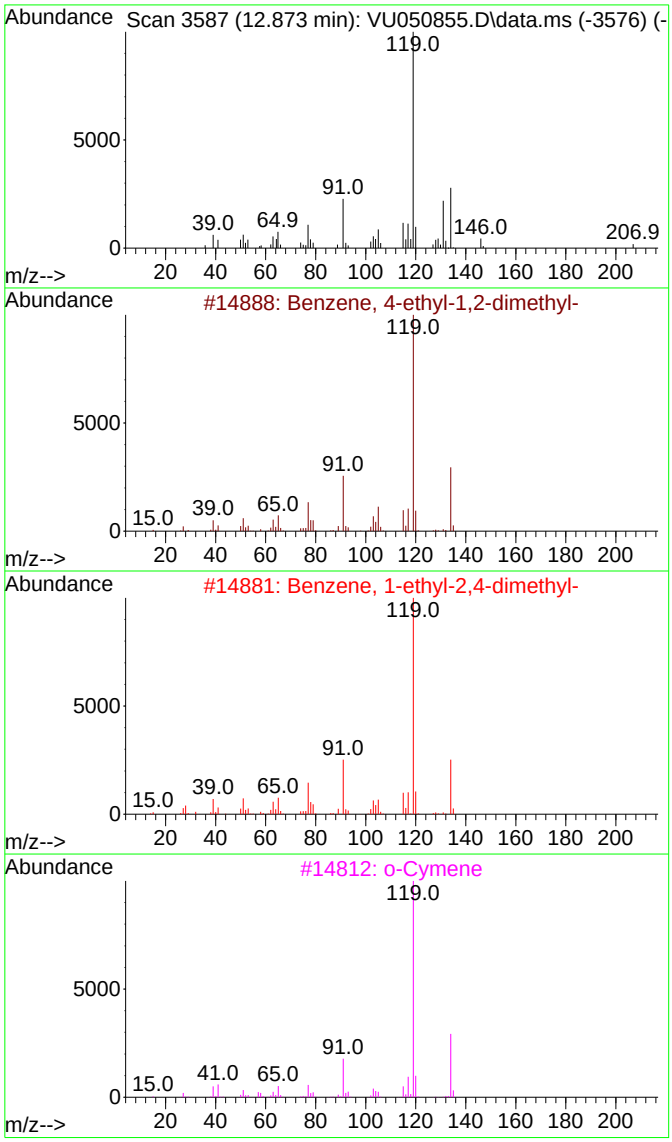
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

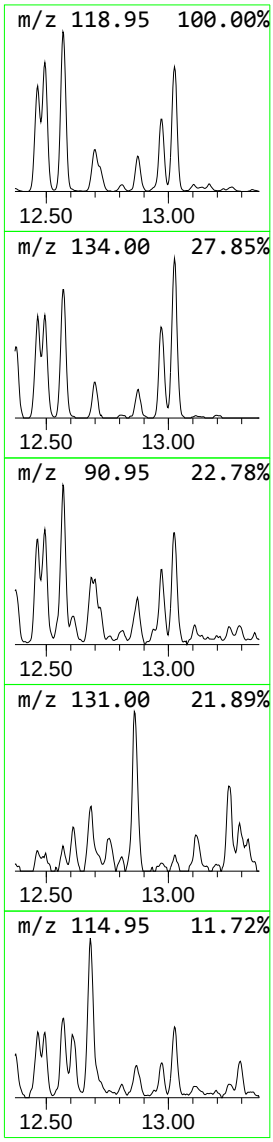
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	3.13 ug/L	73228	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
3	o-Cymene	134	C10H14	000527-84-4	76
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
5	p-Cymene	134	C10H14	000099-87-6	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

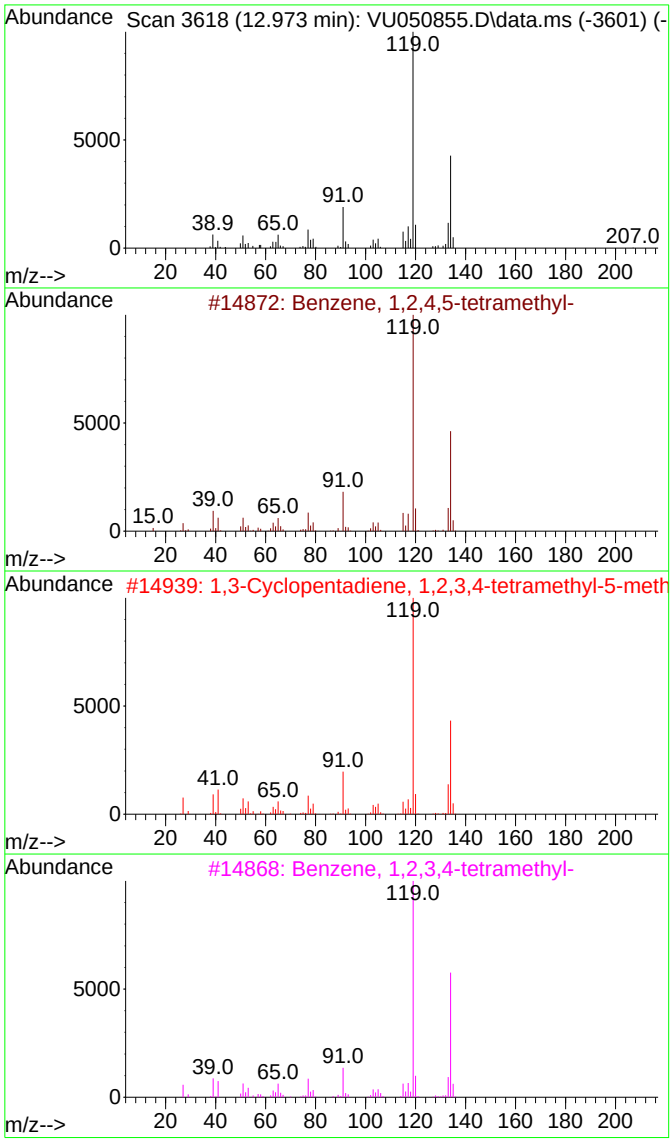
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

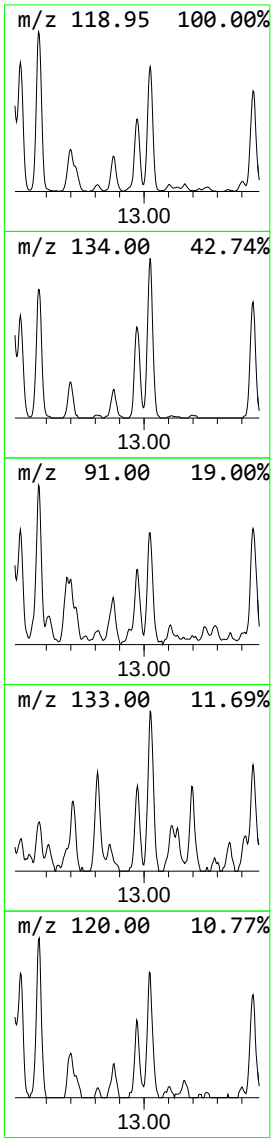
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	5.05 ug/L	118233	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

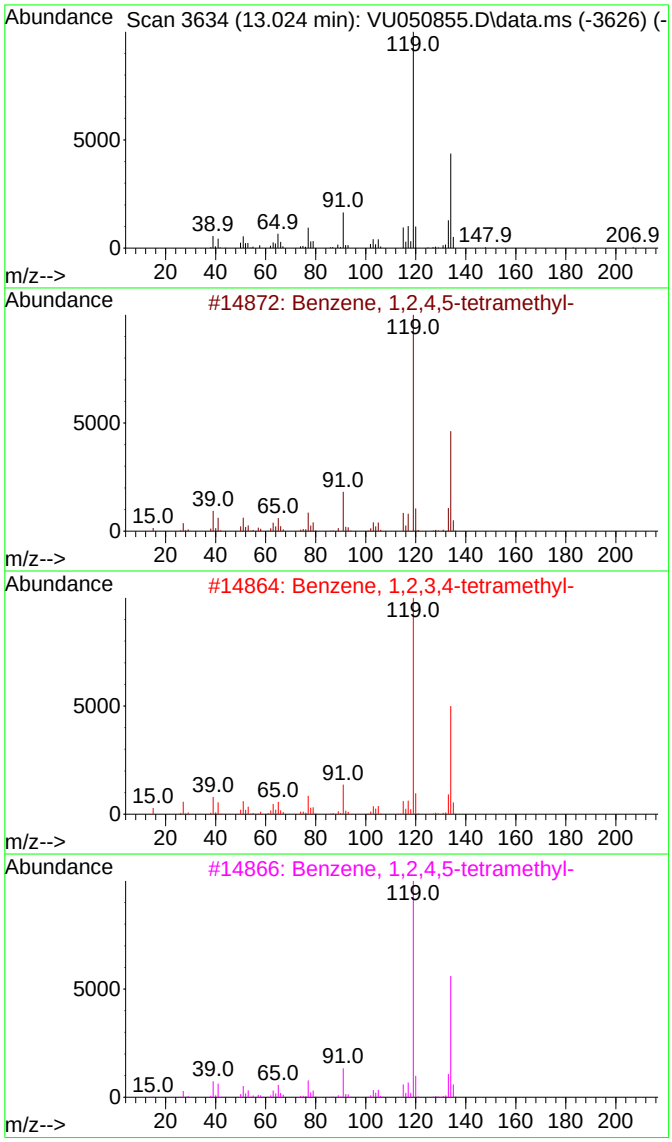
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

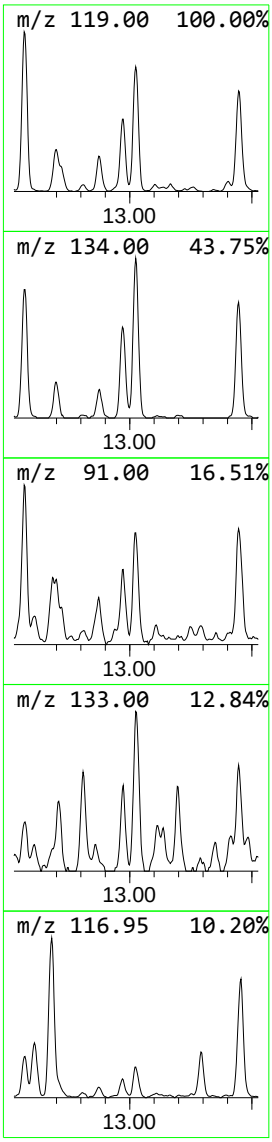
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	7.88 ug/L	184482	1,4-Dichlorobenzene-d4	11.809

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	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

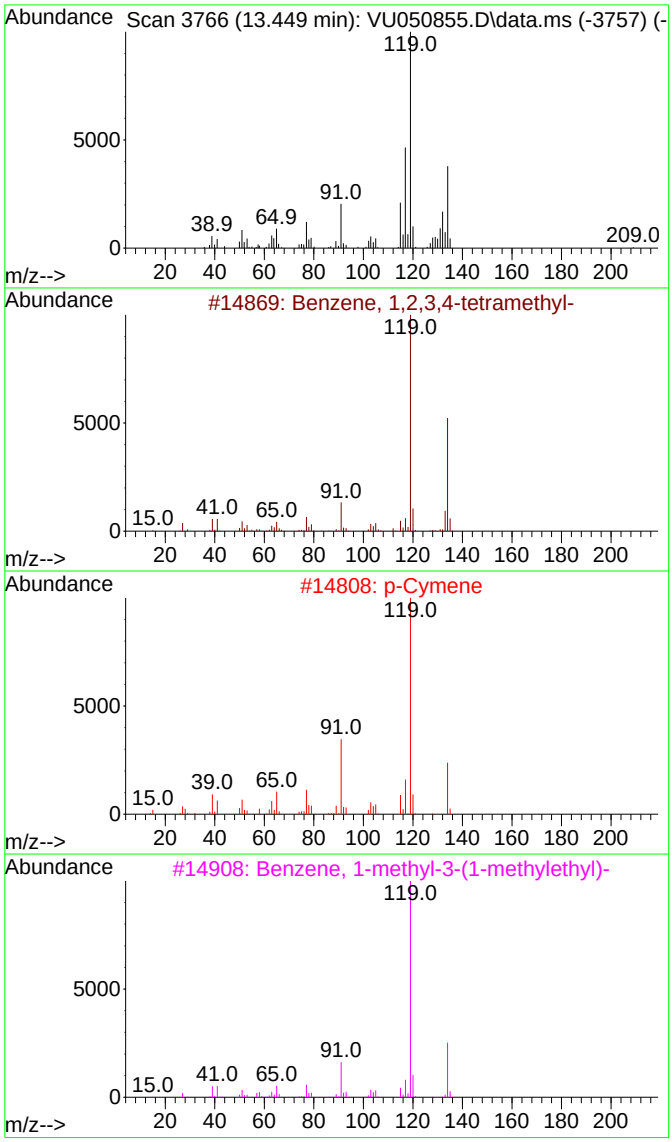
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

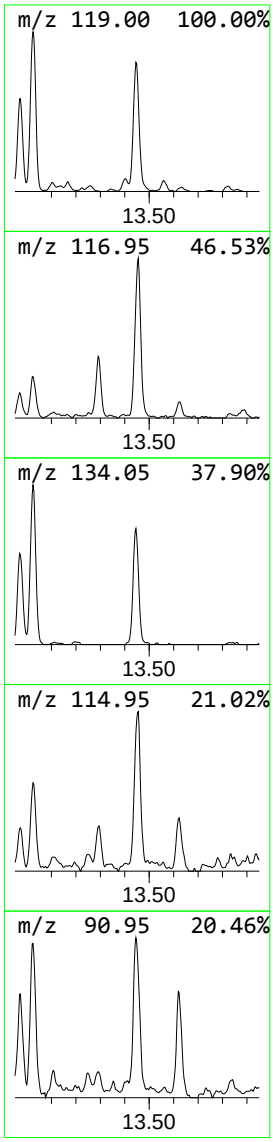
****

Peak Number 16 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	9.56 ug/L	223809	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
2	p-Cymene	134	C10H14	000099-87-6	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	p-Cymene	134	C10H14	000099-87-6	60
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

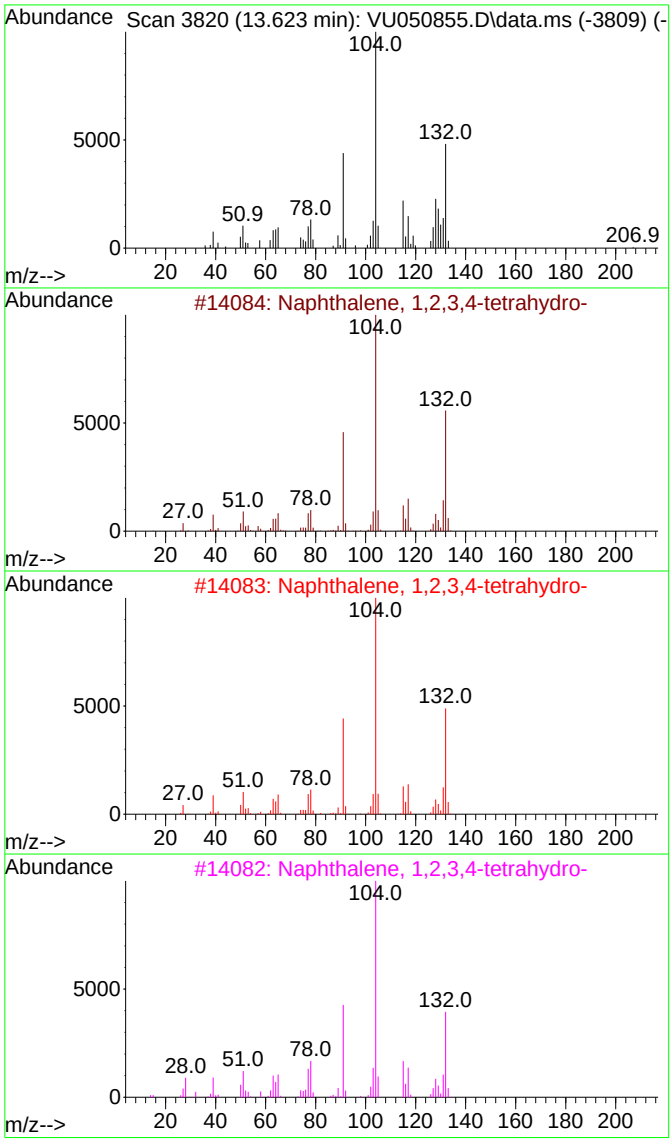
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

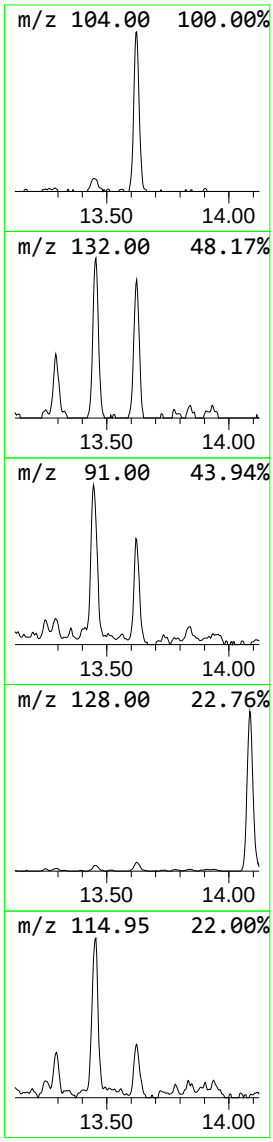
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	3.42 ug/L	80069	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76
5	Benzene, cyclobutyl-	132	C10H12	004392-30-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

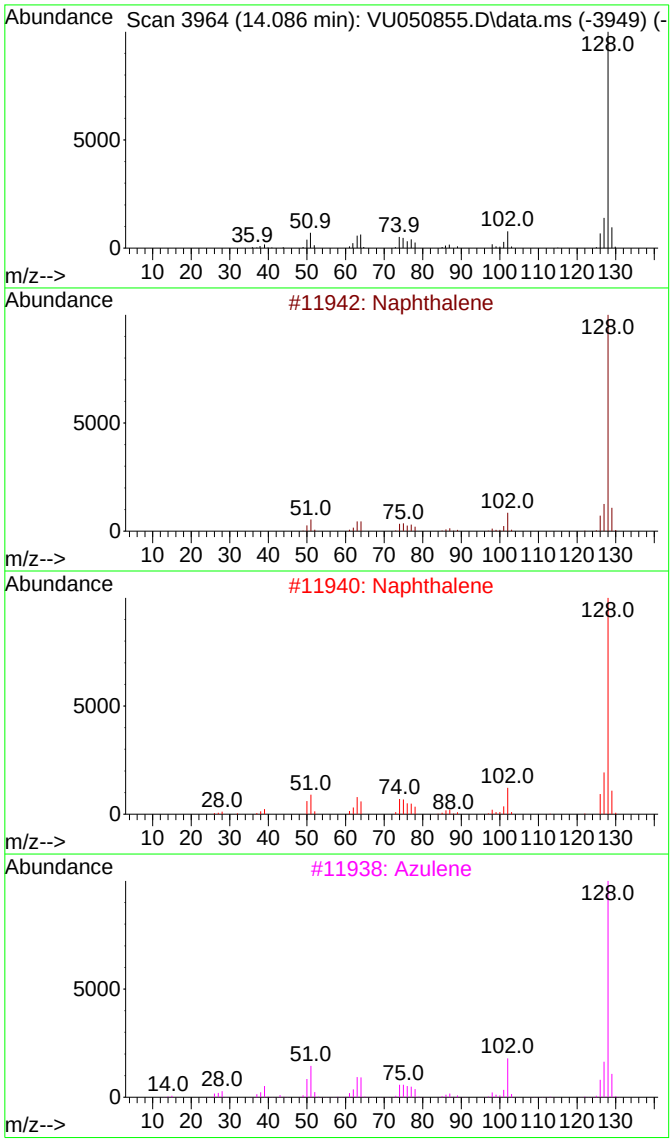
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

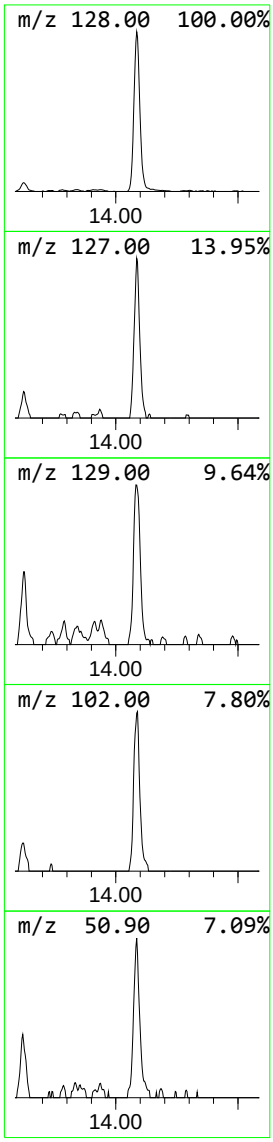
****

Peak Number 18 Azulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	6.46 ug/L	151191	1,4-Dichlorobenzene-d4	11.809

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
Data File : VU050855.D
Acq On : 21 Sep 2022 01:04
Operator : JC/MD
Sample : N4650-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXZ05

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	10.906	5.0	ug/L	116607	3	11.809	1170910	50.0
Benzene, 1-ethy...	10.996	2.8	ug/L	64698	3	11.809	1170910	50.0
Benzene, 1-ethy...	11.291	29.4	ug/L	688167	3	11.809	1170910	50.0
Benzene, 1-meth...	11.642	2.5	ug/L	59743	3	11.809	1170910	50.0
o-Cymene	11.742	4.7	ug/L	110419	3	11.809	1170910	50.0
Benzene, 1,2,3-...	11.893	15.0	ug/L	351122	3	11.809	1170910	50.0
Benzene, 2-prop...	12.092	14.8	ug/L	346574	3	11.809	1170910	50.0
Benzene, 1-meth...	12.375	5.8	ug/L	136584	3	11.809	1170910	50.0
Benzene, 1-ethy...	12.465	7.1	ug/L	166676	3	11.809	1170910	50.0
Benzene, 2-ethy...	12.568	8.9	ug/L	208945	3	11.809	1170910	50.0
Benzene, (2-met...	12.684	8.7	ug/L	203825	3	11.809	1170910	50.0
Benzene, 4-ethy...	12.873	3.1	ug/L	73228	3	11.809	1170910	50.0
Benzene, 1,2,4,...	12.973	5.0	ug/L	118233	3	11.809	1170910	50.0
Benzene, 1,2,3,...	13.025	7.9	ug/L	184482	3	11.809	1170910	50.0
p-Cymene	13.449	9.6	ug/L	223809	3	11.809	1170910	50.0
Naphthalene, 1,...	13.623	3.4	ug/L	80069	3	11.809	1170910	50.0
Azulene	14.086	6.5	ug/L	151191	3	11.809	1170910	50.0