

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046232.D
 Acq On : 09 Dec 2021 19:57
 Operator : SY/MD
 Sample : M4983-20
 Misc : 5.7mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Q5

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: VU046232.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	75	82	93	rVB	101950	112683	15.45%	1.624%
2	1.919	173	180	185	rBV	72988	104434	14.32%	1.505%
3	2.575	372	384	401	rBV	156807	261834	35.91%	3.773%
4	2.800	447	454	457	rBV	971	1175	0.16%	0.017%
5	3.154	560	564	565	rBV2	408	276	0.04%	0.004%
6	3.253	593	595	598	rBV2	282	198	0.03%	0.003%
7	3.369	621	631	635	rBV2	1512	2402	0.33%	0.035%
8	3.437	645	652	656	rBV2	357	452	0.06%	0.007%
9	3.584	695	698	702	rBV	265	196	0.03%	0.003%
10	3.774	754	757	760	rBV	432	302	0.04%	0.004%
11	3.819	767	771	772	rBV2	415	305	0.04%	0.004%
12	3.877	775	789	808	rVB	45226	105261	14.44%	1.517%
13	4.160	874	877	880	rVB	208	116	0.02%	0.002%
14	4.192	880	887	892	rBV	394	598	0.08%	0.009%
15	4.250	902	905	908	rBV2	269	216	0.03%	0.003%
16	4.324	924	928	929	rBV	323	241	0.03%	0.003%
17	4.369	937	942	943	rBV2	291	254	0.03%	0.004%
18	4.414	953	956	960	rBV	425	334	0.05%	0.005%
19	4.517	985	988	989	rBV2	391	245	0.03%	0.004%
20	4.639	1012	1026	1059	rBV	66772	196041	26.89%	2.825%
21	4.932	1114	1117	1121	rBV	515	340	0.05%	0.005%
22	5.006	1137	1140	1143	rBV	351	241	0.03%	0.003%
23	5.067	1143	1159	1181	rVV	129442	290432	39.83%	4.185%
24	5.321	1224	1238	1257	rVB2	27613	60816	8.34%	0.876%
25	5.469	1282	1284	1287	rBV	265	152	0.02%	0.002%
26	5.729	1343	1365	1386	rBV2	269250	729141	100.00%	10.507%
27	6.038	1457	1461	1462	rBV	450	295	0.04%	0.004%
28	6.083	1472	1475	1476	rBV	282	125	0.02%	0.002%
29	6.154	1495	1497	1502	rBV	354	200	0.03%	0.003%
30	6.250	1514	1527	1547	rBV	226514	427823	58.67%	6.165%
31	6.546	1605	1619	1633	rBV6	5042	10630	1.46%	0.153%
32	6.694	1651	1665	1680	rBV	165627	320269	43.92%	4.615%
33	6.980	1746	1754	1758	rBV2	534	813	0.11%	0.012%
34	7.244	1832	1836	1840	rBV	441	363	0.05%	0.005%
35	7.443	1893	1898	1903	rVV	372	551	0.08%	0.008%
36	7.568	1924	1937	1953	rBV	97914	168752	23.14%	2.432%

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Integrator: RTE

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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

37	7.899	2028	2040	2057	rBV	334753	580739	79.65%	8.368%
38	8.131	2109	2112	2114	rBV	229	176	0.02%	0.003%
39	8.182	2117	2128	2142	rVV	66909	110784	15.19%	1.596%
40	8.379	2184	2189	2190	rBV2	442	337	0.05%	0.005%
41	8.555	2235	2244	2253	rVB3	6796	11141	1.53%	0.161%
42	8.633	2257	2268	2303	rVV	218540	390445	53.55%	5.626%
43	8.903	2349	2352	2353	rBV	301	167	0.02%	0.002%
44	9.038	2391	2394	2396	rBV	215	154	0.02%	0.002%
45	9.288	2469	2472	2476	rVB2	469	348	0.05%	0.005%
46	9.311	2476	2479	2482	rBV2	266	236	0.03%	0.003%
47	9.350	2488	2491	2493	rBV	221	132	0.02%	0.002%
48	9.417	2499	2512	2537	rBV	342200	570624	78.26%	8.222%
49	9.571	2554	2560	2573	rVB	4722	7197	0.99%	0.104%
50	9.661	2585	2588	2591	rBV	260	164	0.02%	0.002%
51	9.687	2591	2596	2598	rBV3	978	861	0.12%	0.012%
52	9.764	2616	2620	2625	rVB	359	364	0.05%	0.005%
53	10.002	2689	2694	2697	rBV	474	456	0.06%	0.007%
54	10.038	2702	2705	2710	rBV3	683	763	0.10%	0.011%
55	10.192	2751	2753	2755	rBV2	219	143	0.02%	0.002%
56	10.324	2791	2794	2797	rBV2	236	161	0.02%	0.002%
57	10.359	2799	2805	2818	rVB5	1718	3426	0.47%	0.049%
58	10.414	2818	2822	2824	rBV2	566	464	0.06%	0.007%
59	10.488	2837	2845	2860	rVB4	4501	7263	1.00%	0.105%
60	10.571	2868	2871	2875	rBV2	309	270	0.04%	0.004%
61	10.665	2895	2900	2902	rBV2	1183	974	0.13%	0.014%
62	10.758	2917	2929	2942	rBV	249917	400041	54.86%	5.764%
63	10.906	2966	2975	2988	rVB	19205	29950	4.11%	0.432%
64	10.999	2994	3004	3021	rBV2	6768	14506	1.99%	0.209%
65	11.089	3021	3032	3049	rVB	40863	63268	8.68%	0.912%
66	11.153	3050	3052	3057	rVB	376	299	0.04%	0.004%
67	11.198	3057	3066	3069	rBV2	343	593	0.08%	0.009%
68	11.237	3075	3078	3085	rBV2	364	468	0.06%	0.007%
69	11.292	3085	3095	3110	rVB2	42253	67068	9.20%	0.966%
70	11.417	3130	3134	3139	rBV2	1101	1113	0.15%	0.016%
71	11.468	3140	3150	3162	rVB	117945	179882	24.67%	2.592%
72	11.607	3188	3193	3198	rBV5	4006	5822	0.80%	0.084%
73	11.700	3220	3222	3226	rVB2	630	372	0.05%	0.005%
74	11.745	3228	3236	3244	rVV	12075	17653	2.42%	0.254%
75	11.812	3244	3257	3272	rVB	416069	656890	90.09%	9.466%
76	11.896	3272	3283	3300	rBV	35385	53733	7.37%	0.774%

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 Title : VOC Analysis

77	12.095	3338	3345	3350	rBV2	22894	34812	4.77%	0.502%
78	12.192	3363	3375	3393	rVB	397192	662024	90.80%	9.540%
79	12.304	3401	3410	3419	rBV6	3483	5350	0.73%	0.077%
80	12.375	3424	3432	3443	rVB	16021	23599	3.24%	0.340%
81	12.465	3452	3460	3464	rBV	13473	18573	2.55%	0.268%
82	12.571	3484	3493	3500	rBV	21250	29405	4.03%	0.424%
83	12.690	3519	3530	3549	rVB5	11585	33950	4.66%	0.489%
84	12.761	3549	3552	3556	rBV3	700	528	0.07%	0.008%
85	12.873	3580	3587	3598	rVB3	7810	12708	1.74%	0.183%
86	12.973	3612	3618	3626	rVB	9159	12264	1.68%	0.177%
87	13.028	3627	3635	3645	rVB	16478	24335	3.34%	0.351%
88	13.111	3653	3661	3666	rBV6	2318	3468	0.48%	0.050%
89	13.449	3758	3766	3778	rVB2	21920	35325	4.84%	0.509%
90	13.623	3812	3820	3831	rVB3	8341	11944	1.64%	0.172%
91	14.086	3956	3964	3981	rVB	18313	30124	4.13%	0.434%
92	14.298	4024	4030	4034	rVB2	681	769	0.11%	0.011%
93	14.767	4173	4176	4178	rBV	313	200	0.03%	0.003%
94	14.870	4205	4208	4210	rBV	331	223	0.03%	0.003%
95	14.973	4235	4240	4242	rBV	529	461	0.06%	0.007%
96	15.018	4248	4254	4261	rBV5	946	1228	0.17%	0.018%
97	15.131	4286	4289	4291	rBV	419	278	0.04%	0.004%
98	15.221	4311	4317	4328	rVB	7855	11112	1.52%	0.160%
99	15.410	4368	4376	4388	rVB2	5235	8705	1.19%	0.125%
100	16.143	4602	4604	4609	rBV	503	466	0.06%	0.007%

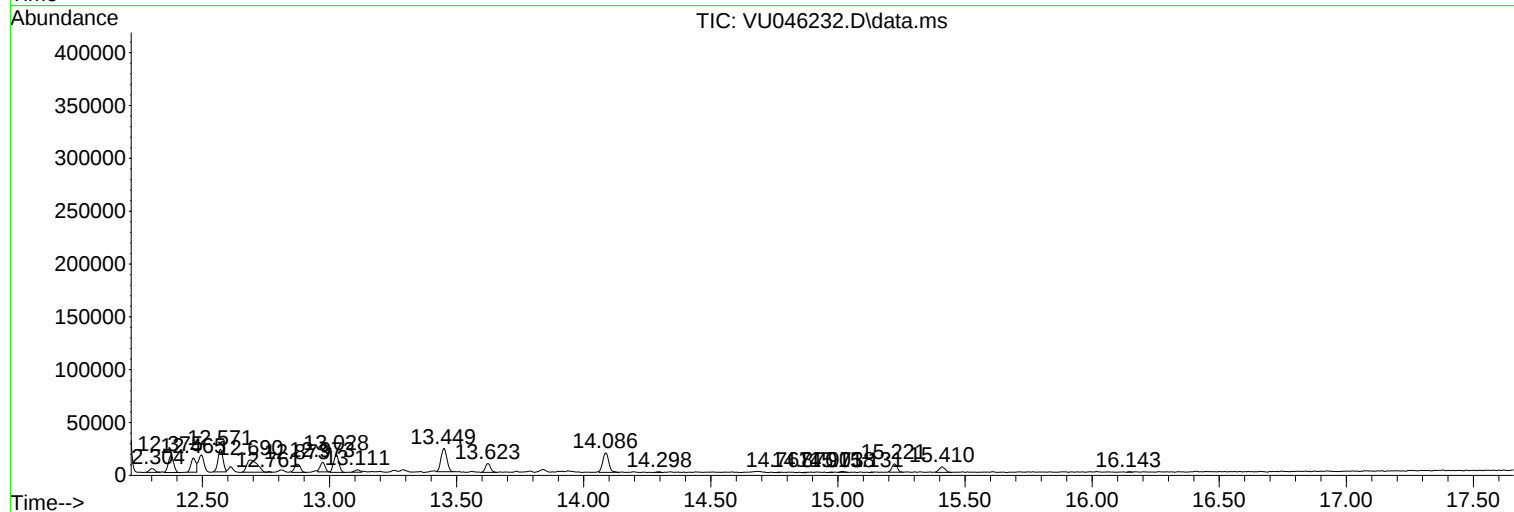
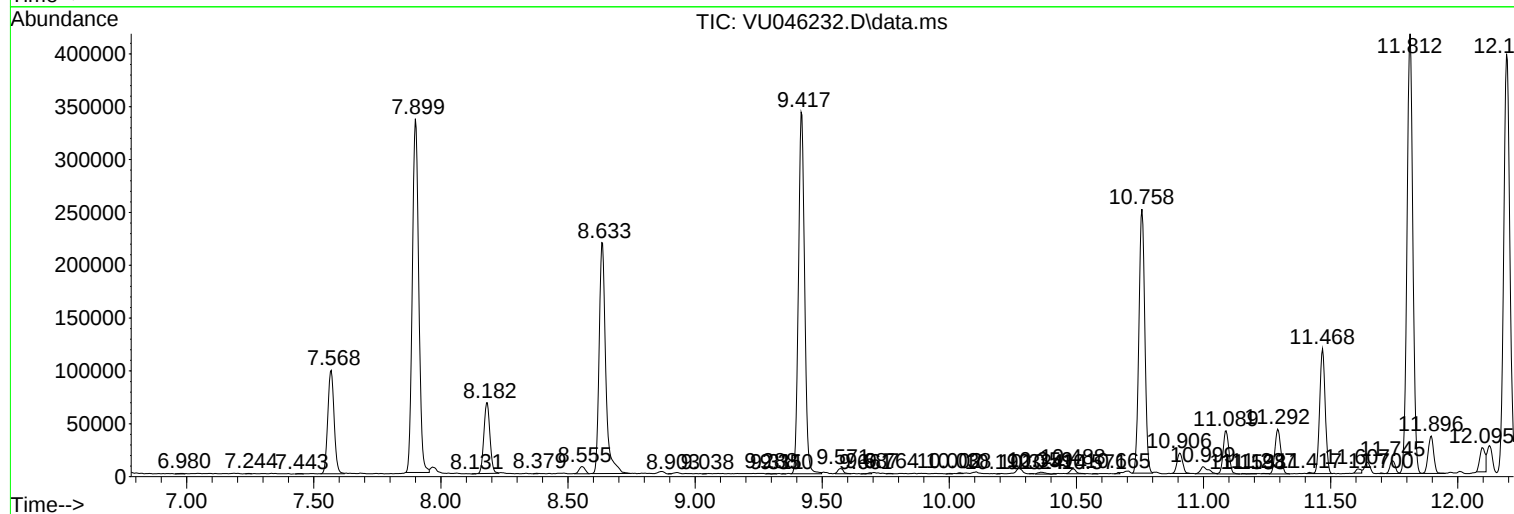
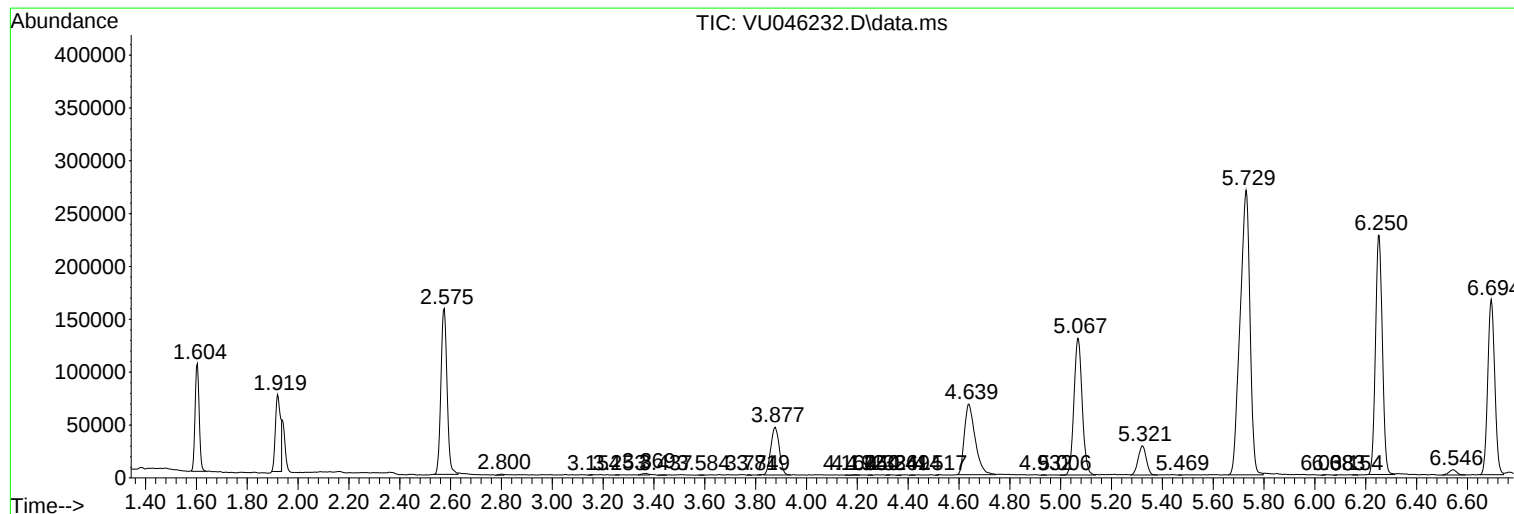
Sum of corrected areas: 6939804

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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



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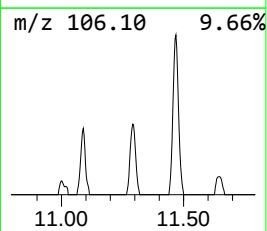
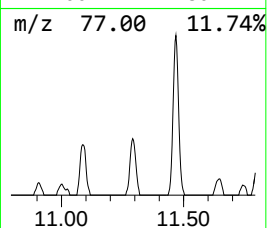
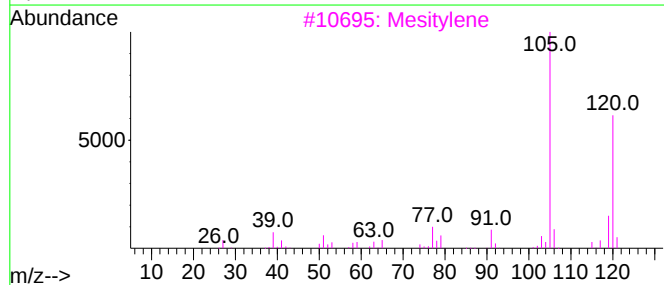
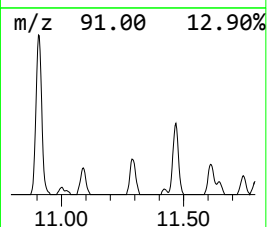
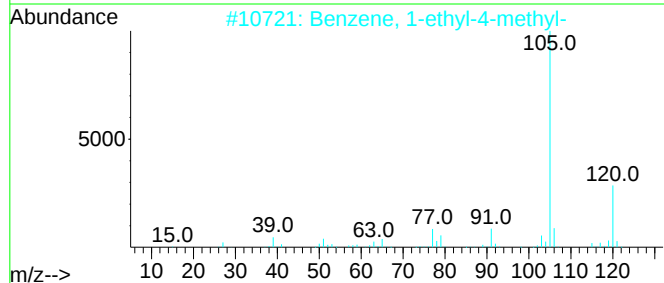
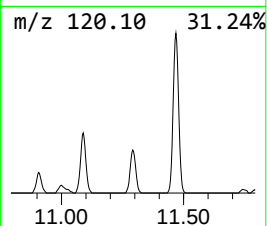
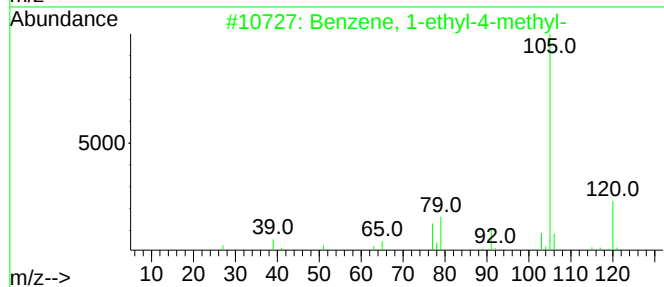
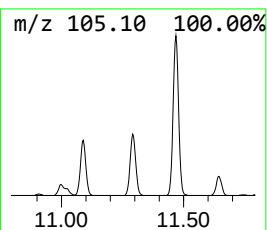
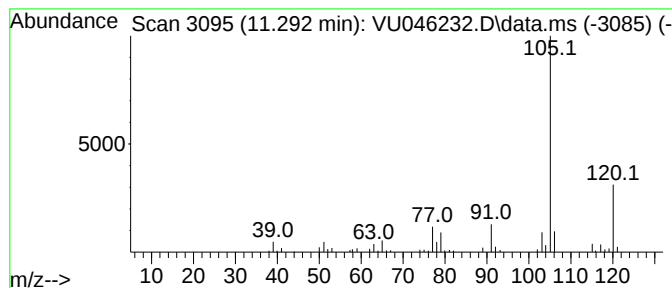
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	5.10 ug/L	67068	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



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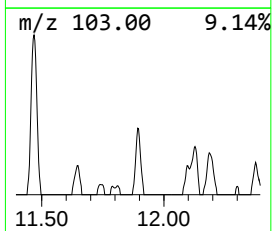
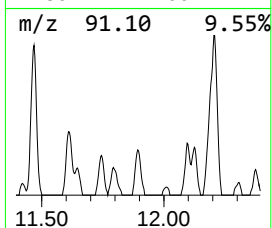
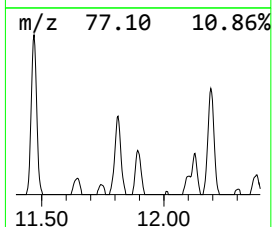
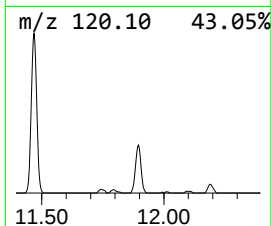
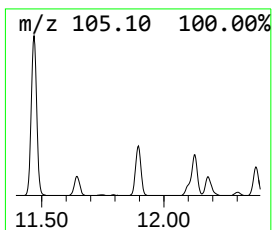
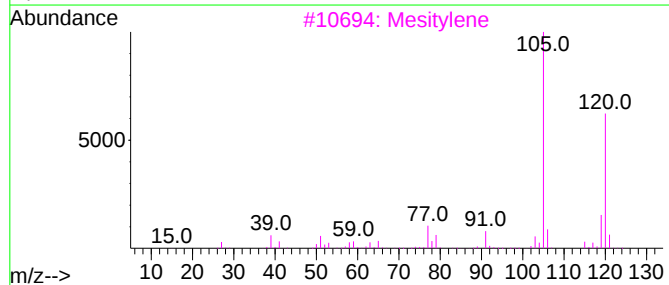
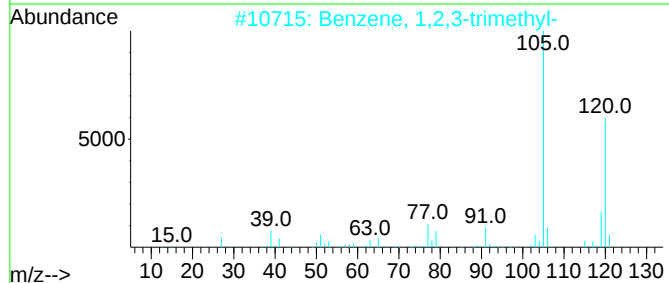
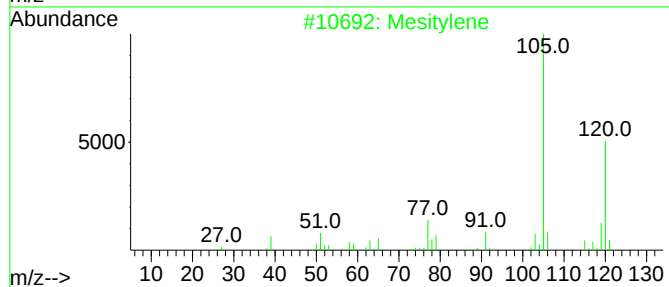
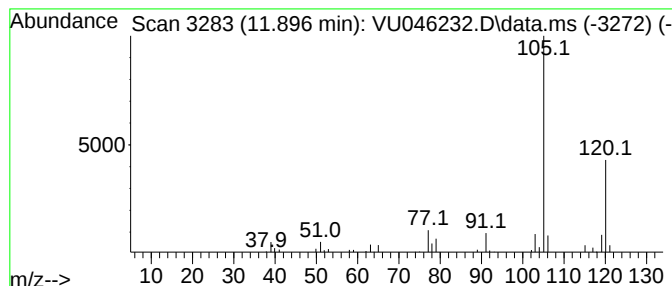
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	4.09 ug/L	53733	1,4-Dichlorobenzene-d4	11.812

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



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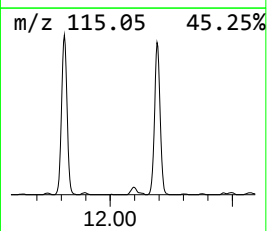
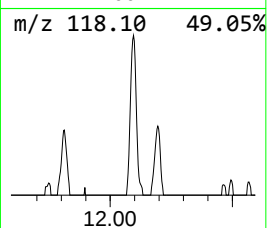
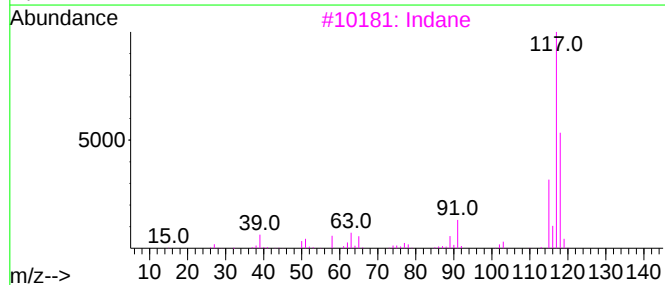
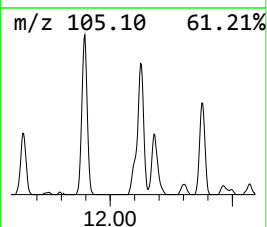
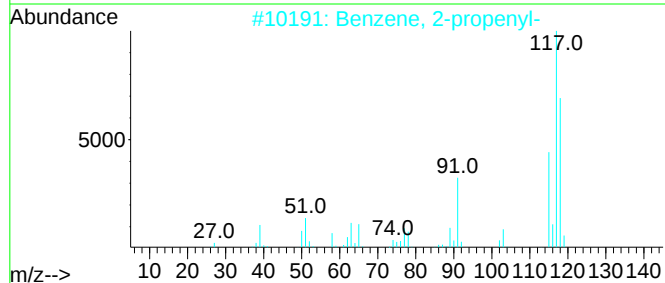
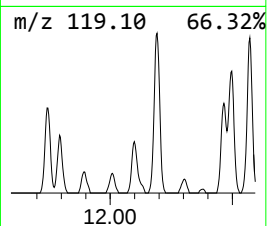
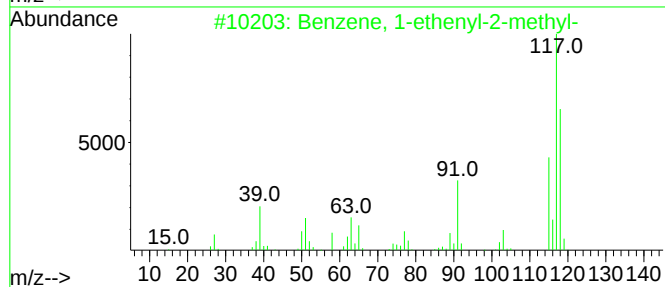
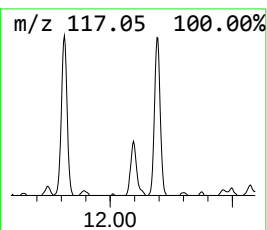
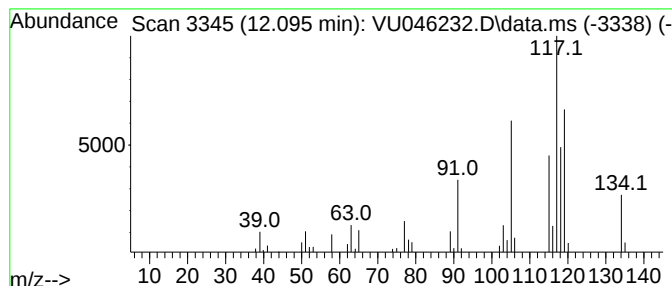
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	2.65 ug/L	34812	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	92
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
3			Indane	118	C9H10	000496-11-7	87
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046232.D
Acq On : 09 Dec 2021 19:57
Operator : SY/MD
Sample : M4983-20
Misc : 5.7mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Q5

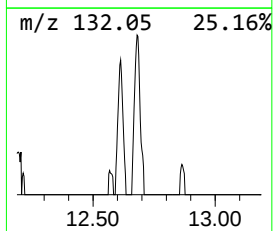
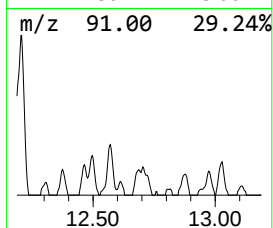
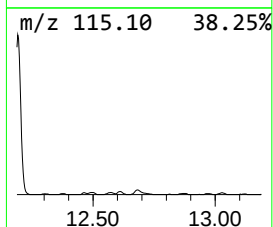
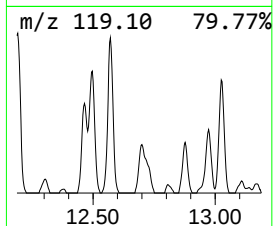
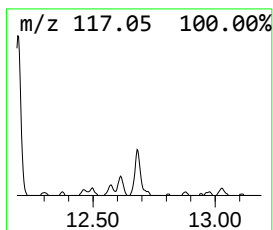
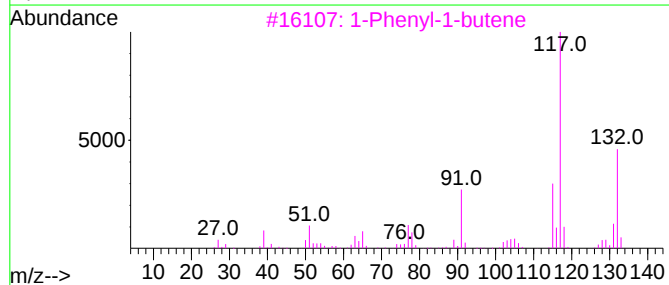
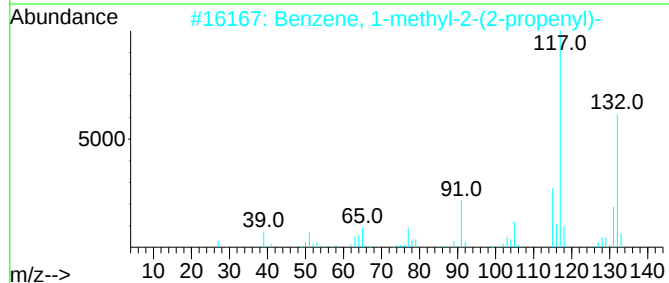
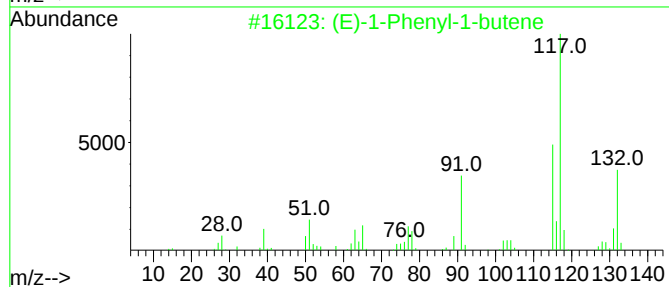
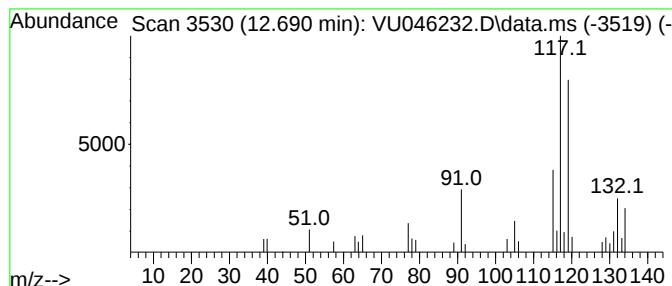
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Quant Title : VOC Analysis

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

Peak Number 5 (E)-1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.690	2.58 ug/L	33950	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	60
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	60
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
5			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046232.D
Acq On : 09 Dec 2021 19:57
Operator : SY/MD
Sample : M4983-20
Misc : 5.7mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Q5

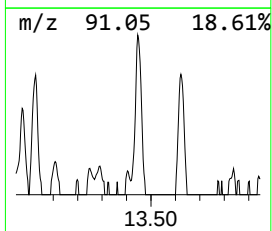
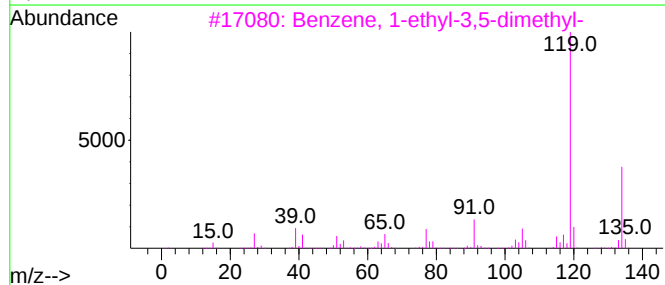
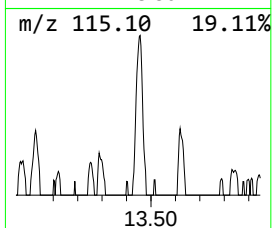
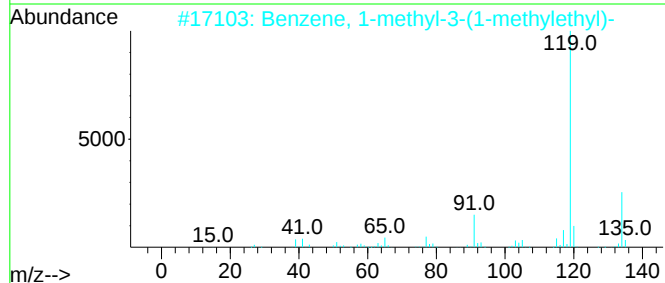
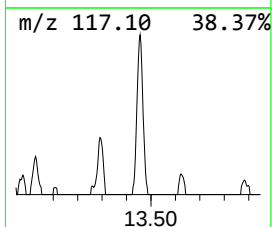
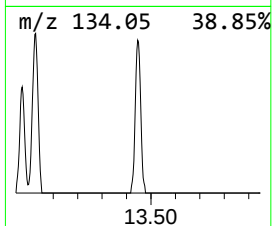
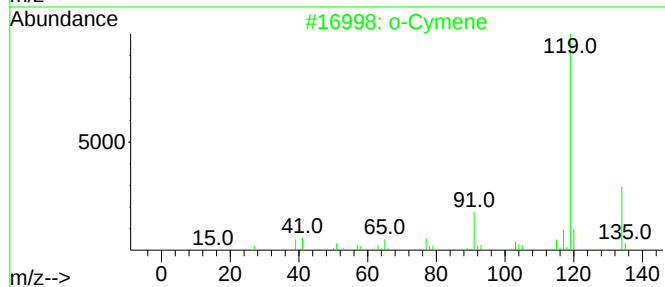
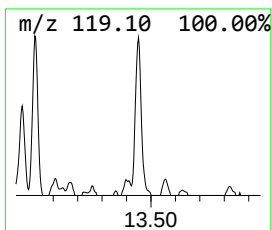
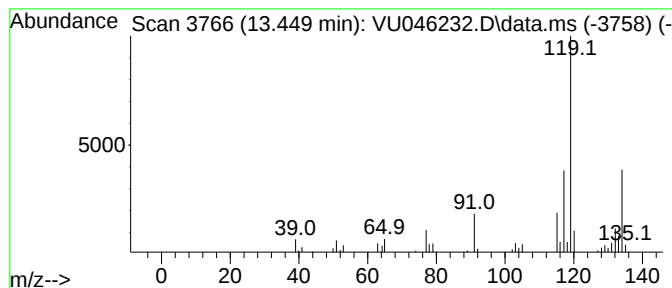
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Quant Title : VOC Analysis

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

Peak Number 6 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	2.69 ug/L	35325	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	64
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	64
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046232.D
Acq On : 09 Dec 2021 19:57
Operator : SY/MD
Sample : M4983-20
Misc : 5.7mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Q5

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	11.292	5.1	ug/L	67068	3	11.812	656890	50.0
Benzene, 1-ethy...	11.896	4.1	ug/L	53733	3	11.812	656890	50.0
Benzene, 1-ethe...	12.095	2.6	ug/L	34812	3	11.812	656890	50.0
(E)-1-Phenyl-1-...	12.690	2.6	ug/L	33950	3	11.812	656890	50.0
o-Cymene	13.449	2.7	ug/L	35325	3	11.812	656890	50.0