

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046168.D
 Acq On : 08 Dec 2021 12:13
 Operator : SY/MD
 Sample : M4960-11 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKS4

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: VU046168.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.475	37	42	51	rVB	27524	27612	3.36%	0.250%
2	1.604	74	82	96	rVB	107696	120938	14.71%	1.095%
3	1.919	172	180	194	rBV	76106	98524	11.98%	0.892%
4	2.382	314	324	344	rVB	59462	94957	11.55%	0.860%
5	2.575	371	384	397	rBV	169720	280254	34.08%	2.538%
6	3.054	525	533	542	rVB4	3495	6306	0.77%	0.057%
7	3.189	564	575	588	rBV2	3709	7979	0.97%	0.072%
8	3.359	620	628	636	rBV4	1354	2184	0.27%	0.020%
9	3.880	775	790	803	rVB2	4650	10292	1.25%	0.093%
10	3.989	820	824	826	rBV3	366	363	0.04%	0.003%
11	4.449	963	967	971	rVB2	316	369	0.04%	0.003%
12	4.668	1009	1035	1074	rBV3	137358	478604	58.21%	4.334%
13	5.002	1135	1139	1143	rBV2	282	287	0.03%	0.003%
14	5.066	1143	1159	1179	rBV	145827	319511	38.86%	2.894%
15	5.729	1343	1365	1374	rBV2	300718	822227	100.00%	7.446%
16	5.880	1409	1412	1418	rVB5	1117	1152	0.14%	0.010%
17	6.160	1487	1499	1513	rBV2	4030	8313	1.01%	0.075%
18	6.253	1513	1528	1552	rBV	241309	458226	55.73%	4.150%
19	6.539	1605	1617	1632	rBV8	5261	11353	1.38%	0.103%
20	6.693	1651	1665	1681	rBV	186849	358810	43.64%	3.250%
21	6.922	1732	1736	1742	rBV2	599	711	0.09%	0.006%
22	7.054	1767	1777	1782	rBV3	499	797	0.10%	0.007%
23	7.169	1809	1813	1815	rBV2	460	336	0.04%	0.003%
24	7.182	1815	1817	1822	rVV2	495	480	0.06%	0.004%
25	7.568	1924	1937	1953	rBV	106531	185542	22.57%	1.680%
26	7.793	1995	2007	2020	rVB3	5469	10011	1.22%	0.091%
27	7.851	2020	2025	2027	rBV	316	306	0.04%	0.003%
28	7.899	2027	2040	2051	rVV	384093	667571	81.19%	6.046%
29	7.970	2052	2062	2098	rVB	404651	719614	87.52%	6.517%
30	8.182	2116	2128	2140	rBV	72022	119763	14.57%	1.085%
31	8.475	2208	2219	2231	rVB3	4030	7331	0.89%	0.066%
32	8.552	2234	2243	2251	rBV4	3305	4568	0.56%	0.041%
33	8.635	2255	2269	2303	rBV	251536	459641	55.90%	4.163%
34	9.372	2492	2498	2500	rVV4	901	993	0.12%	0.009%
35	9.417	2500	2512	2548	rVV2	344689	780125	94.88%	7.065%
36	9.571	2548	2560	2584	rVV	173222	284260	34.57%	2.574%

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Integrator: RTE

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

37	9.693	2584	2598	2616	rVV	425942	709015	86.23%	6.421%
38	9.777	2618	2624	2635	rVV4	6677	10545	1.28%	0.095%
39	9.918	2658	2668	2675	rBV3	2043	3531	0.43%	0.032%
40	10.102	2712	2725	2750	rBV2	184817	329051	40.02%	2.980%
41	10.233	2757	2766	2778	rVB2	4712	7556	0.92%	0.068%
42	10.362	2799	2806	2813	rVV4	1256	1924	0.23%	0.017%
43	10.484	2833	2844	2857	rVV	24737	39893	4.85%	0.361%
44	10.568	2857	2870	2893	rVB	317967	522984	63.61%	4.736%
45	10.680	2893	2905	2913	rBV3	4270	7951	0.97%	0.072%
46	10.758	2917	2929	2946	rVB	278465	442300	53.79%	4.006%
47	10.905	2954	2975	2987	rBV4	15731	31669	3.85%	0.287%
48	10.963	2987	2993	2994	rVV2	3147	2646	0.32%	0.024%
49	10.999	2995	3004	3021	rVV	50488	109778	13.35%	0.994%
50	11.089	3023	3032	3050	rVB2	32257	50862	6.19%	0.461%
51	11.291	3085	3095	3111	rVB2	24799	42891	5.22%	0.388%
52	11.417	3130	3134	3138	rBV5	715	624	0.08%	0.006%
53	11.468	3138	3150	3163	rBV	112973	173340	21.08%	1.570%
54	11.536	3163	3171	3176	rBV3	4935	6802	0.83%	0.062%
55	11.571	3176	3182	3193	rVB3	6969	10736	1.31%	0.097%
56	11.645	3198	3205	3214	rBV6	1265	1901	0.23%	0.017%
57	11.690	3215	3219	3226	rVB5	1114	1210	0.15%	0.011%
58	11.738	3226	3234	3243	rVB6	4186	6838	0.83%	0.062%
59	11.812	3244	3257	3273	rBV	394835	640114	77.85%	5.797%
60	11.896	3273	3283	3294	rBV	38298	57660	7.01%	0.522%
61	11.973	3301	3307	3314	rVB5	2078	2720	0.33%	0.025%
62	12.060	3324	3334	3337	rBV3	5905	7473	0.91%	0.068%
63	12.095	3338	3345	3361	rVV3	25624	46056	5.60%	0.417%
64	12.195	3362	3376	3393	rVV	428318	741532	90.19%	6.716%
65	12.314	3404	3413	3425	rVB2	7054	11637	1.42%	0.105%
66	12.378	3425	3433	3444	rBV3	2211	2868	0.35%	0.026%
67	12.465	3453	3460	3465	rBV2	4265	6654	0.81%	0.060%
68	12.571	3484	3493	3501	rBV	5981	8449	1.03%	0.077%
69	12.613	3503	3506	3515	rVB4	1003	1194	0.15%	0.011%
70	12.684	3521	3528	3540	rVB3	2528	4417	0.54%	0.040%
71	12.774	3547	3556	3564	rBV2	5271	6998	0.85%	0.063%
72	12.819	3565	3570	3580	rVB4	945	1243	0.15%	0.011%
73	12.876	3580	3588	3596	rBV5	2286	3023	0.37%	0.027%
74	12.950	3598	3611	3626	rBV3	13131	27084	3.29%	0.245%
75	13.028	3626	3635	3645	rVB2	8822	12143	1.48%	0.110%
76	13.076	3645	3650	3653	rVB4	377	294	0.04%	0.003%

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 Title : VOC Analysis

77	13.137	3665	3669	3672	rBV3	491	461	0.06%	0.004%
78	13.294	3711	3718	3725	rVB2	2625	3795	0.46%	0.034%
79	13.417	3753	3756	3757	rVV2	578	370	0.04%	0.003%
80	13.455	3758	3768	3777	rVB4	9133	15345	1.87%	0.139%
81	13.516	3780	3787	3797	rVB4	5482	7161	0.87%	0.065%
82	13.626	3813	3821	3828	rBV3	4306	6096	0.74%	0.055%
83	13.738	3847	3856	3865	rBV4	10497	17104	2.08%	0.155%
84	13.783	3865	3870	3874	rBV4	553	671	0.08%	0.006%
85	13.841	3880	3888	3891	rBV6	3022	3810	0.46%	0.035%
86	13.867	3892	3896	3905	rVB3	3451	4545	0.55%	0.041%
87	14.085	3951	3964	3983	rBV	282835	442113	53.77%	4.004%
88	14.208	3993	4002	4013	rBV	4053	5741	0.70%	0.052%
89	14.333	4036	4041	4044	rBV2	727	644	0.08%	0.006%
90	14.423	4058	4069	4075	rBV	2881	3906	0.48%	0.035%
91	14.478	4082	4086	4094	rBV3	655	752	0.09%	0.007%
92	14.577	4107	4117	4126	rBV2	2040	3530	0.43%	0.032%
93	14.677	4139	4148	4149	rBV2	813	1030	0.13%	0.009%
94	14.812	4188	4190	4195	rVB3	515	452	0.05%	0.004%
95	14.880	4204	4211	4217	rVB4	533	686	0.08%	0.006%
96	15.224	4307	4318	4330	rBV	33223	50773	6.18%	0.460%
97	15.323	4346	4349	4351	rBV2	396	278	0.03%	0.003%
98	15.410	4366	4376	4388	rBV	14555	22464	2.73%	0.203%
99	15.950	4539	4544	4552	rVB5	1586	2222	0.27%	0.020%
100	16.410	4679	4687	4692	rBV4	1464	2037	0.25%	0.018%

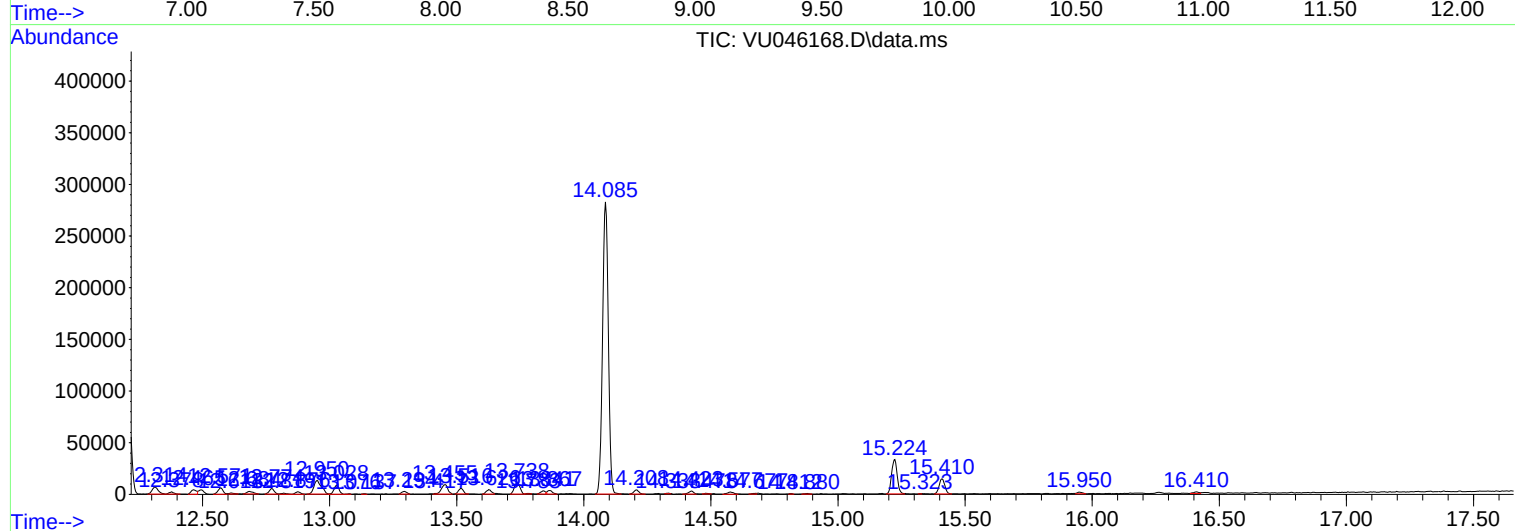
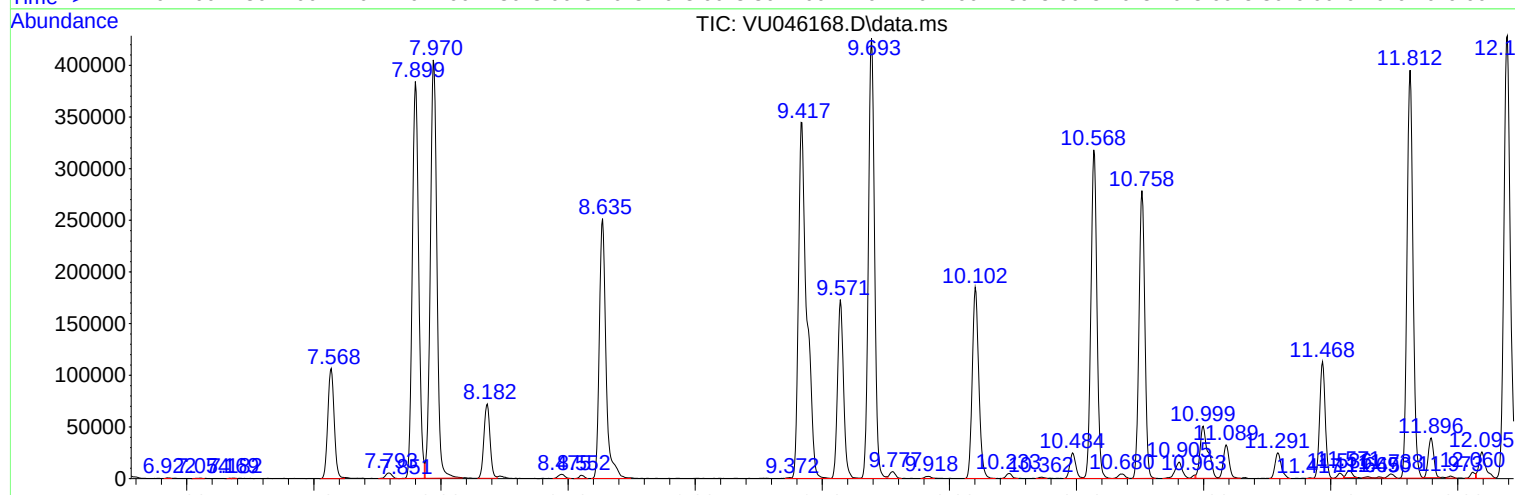
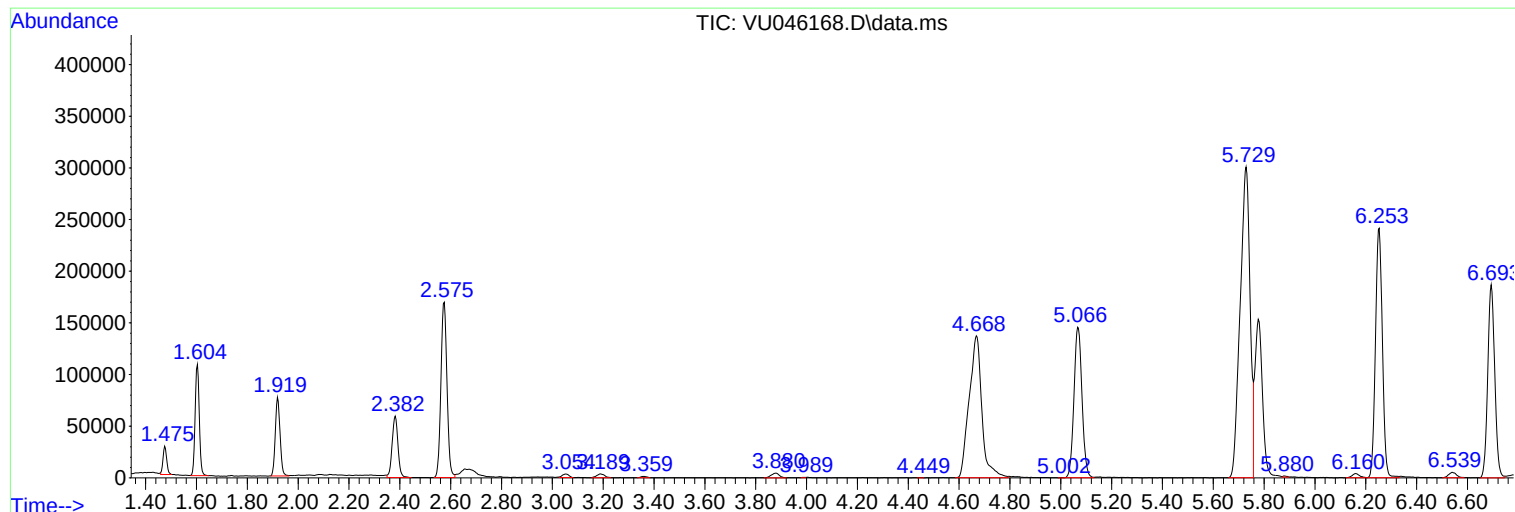
Sum of corrected areas: 11041902

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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



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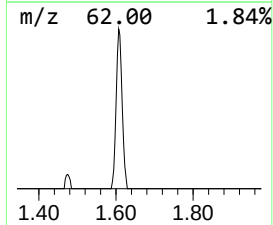
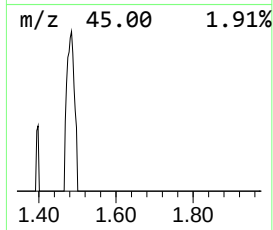
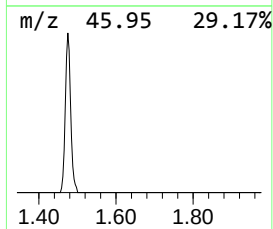
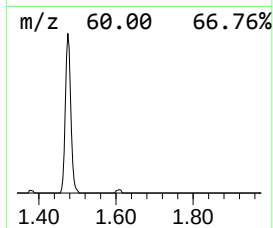
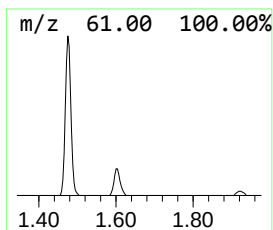
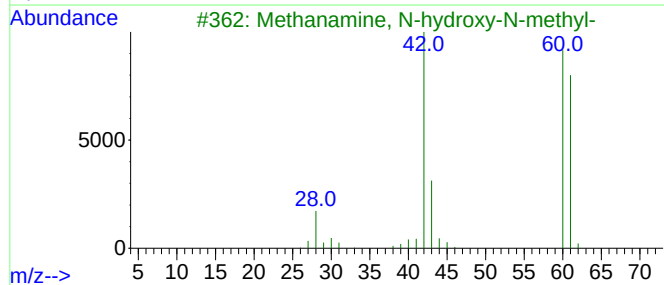
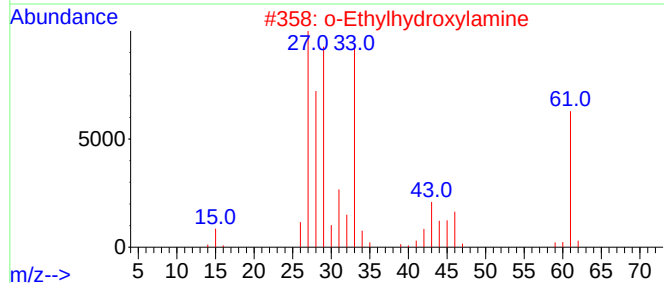
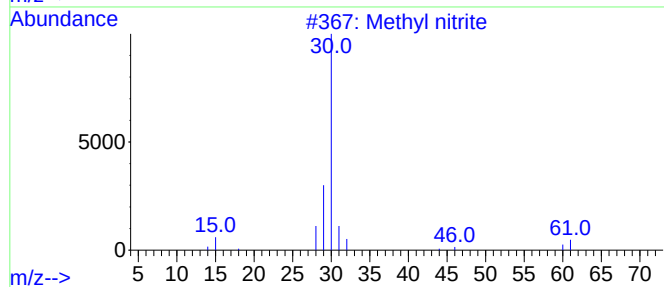
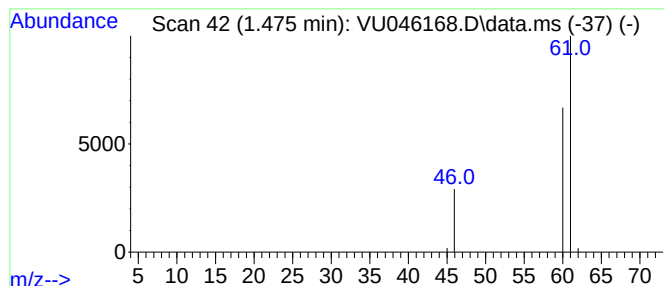
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.475	3.01 ug/L	27612	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl nitrite	61	CH3NO2	000624-91-9	5
2			o-Ethylhydroxylamine	61	C2H7NO	000624-86-2	4
3			Methanamine, N-hydroxy-N-methyl-	61	C2H7NO	005725-96-2	4
4			Trifluoroguanidine	113	CH2F3N3	037950-72-4	4
5			Urea	60	CH4N2O	000057-13-6	3



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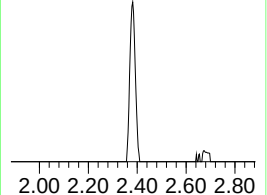
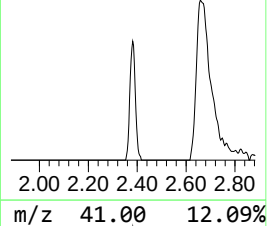
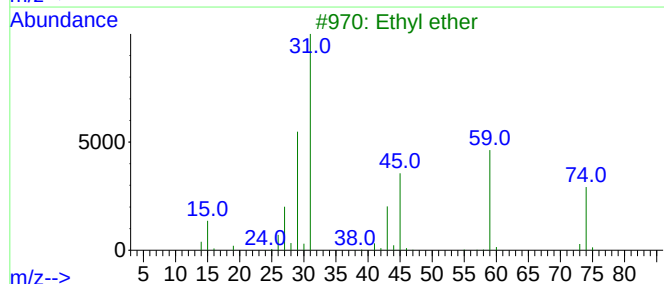
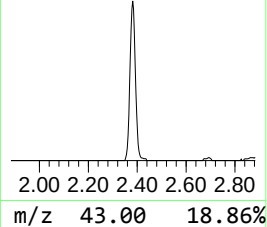
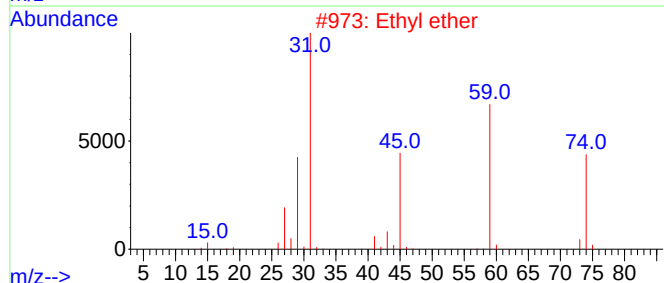
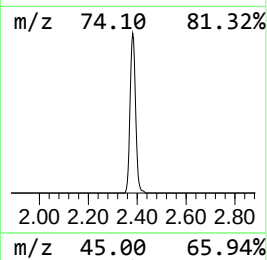
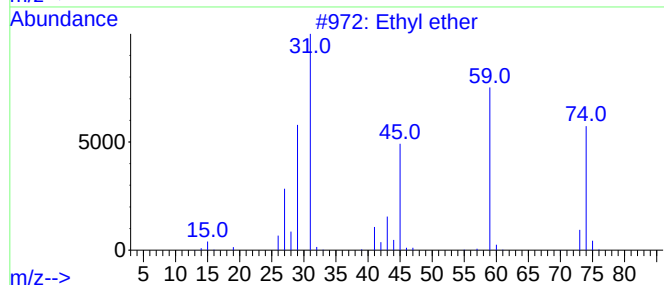
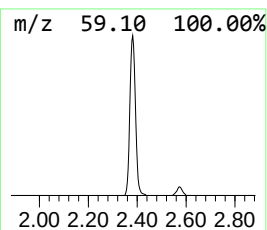
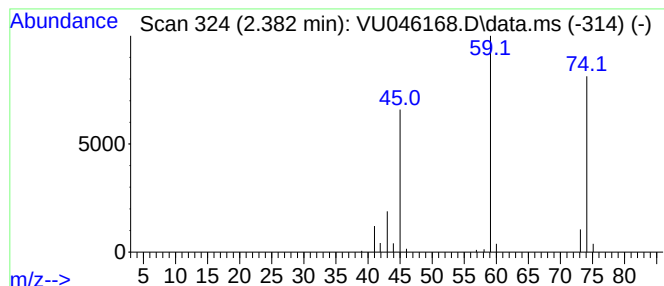
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Ethyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.382	10.36 ug/L	94957	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether			74	C4H10O	000060-29-7	90
2	Ethyl ether			74	C4H10O	000060-29-7	90
3	Ethyl ether			74	C4H10O	000060-29-7	83
4	Ethyl ether			74	C4H10O	000060-29-7	80
5	Ethane, 1,2-diethoxy-			118	C6H14O2	000629-14-1	74



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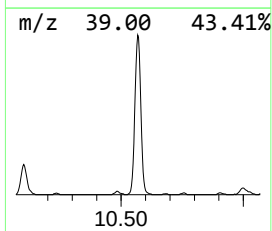
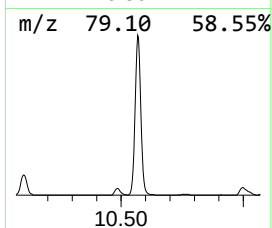
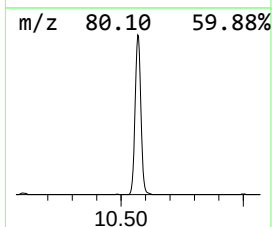
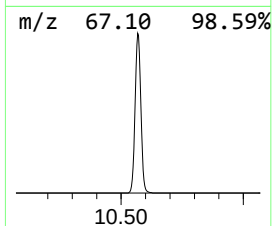
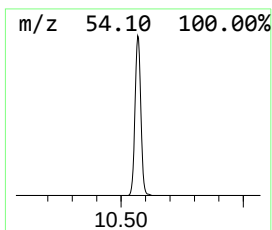
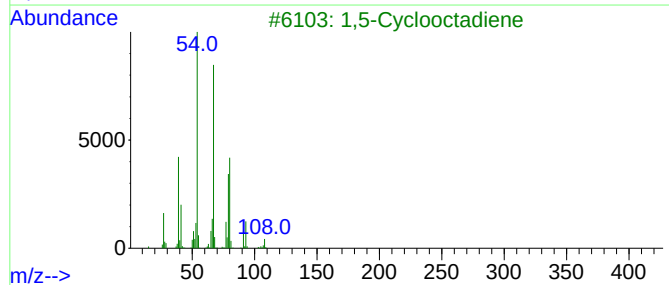
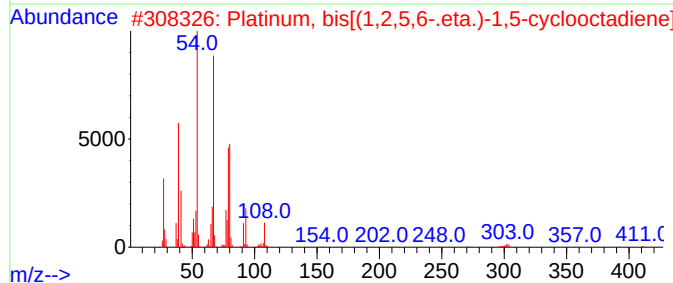
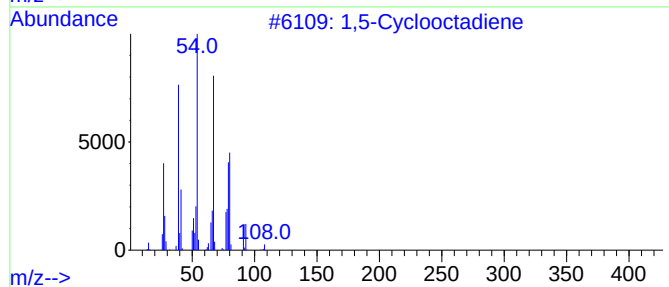
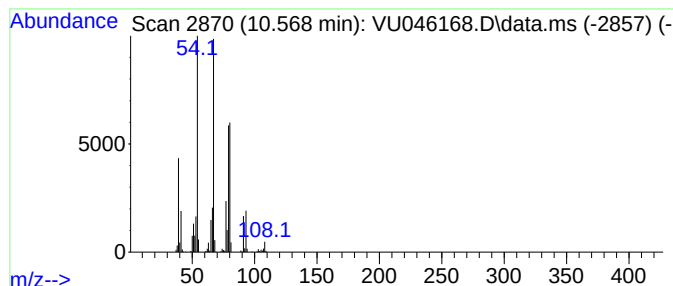
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 1,5-Cyclooctadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.568	33.52 ug/L	522984	Chlorobenzene-d5	9.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Cyclooctadiene	108	C8H12	000111-78-4	94
2			Platinum, bis[(1,2,5,6-.eta.)-1,...	411	C16H24Pt	012130-66-4	86
3			1,5-Cyclooctadiene	108	C8H12	000111-78-4	81
4			1,5-Cyclooctadiene	108	C8H12	000111-78-4	78
5			1,5-Cyclooctadiene, (E,Z)-	108	C8H12	005259-71-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046168.D
Acq On : 08 Dec 2021 12:13
Operator : SY/MD
Sample : M4960-11 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

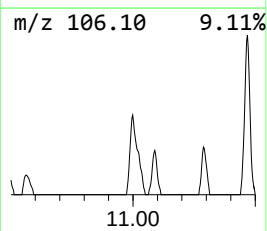
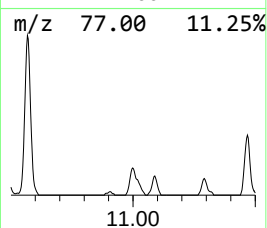
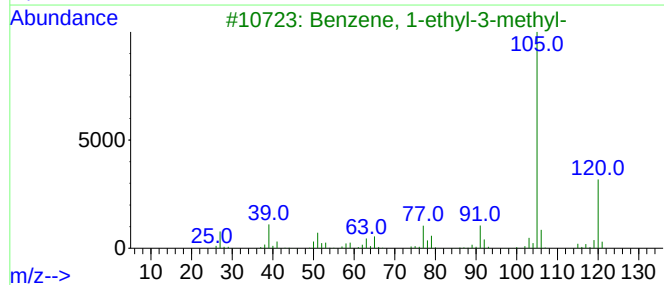
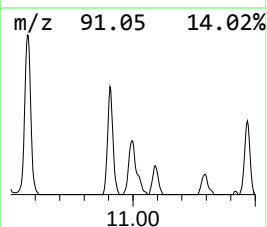
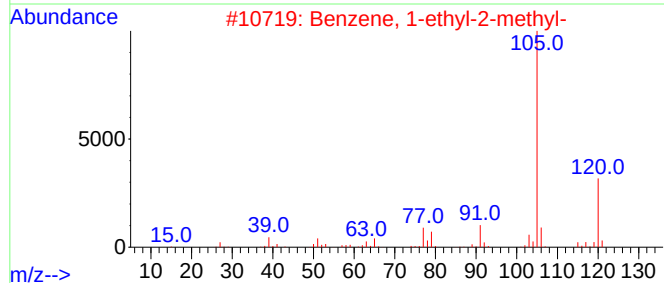
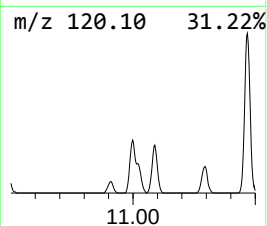
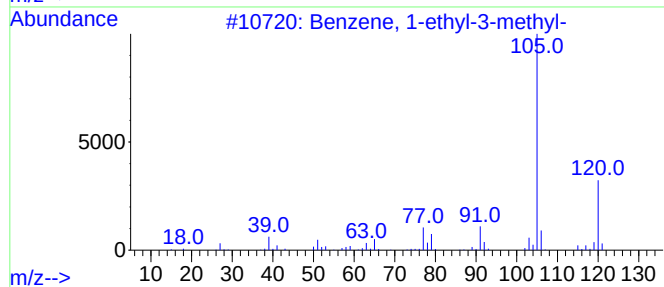
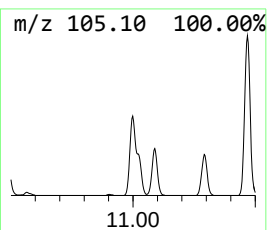
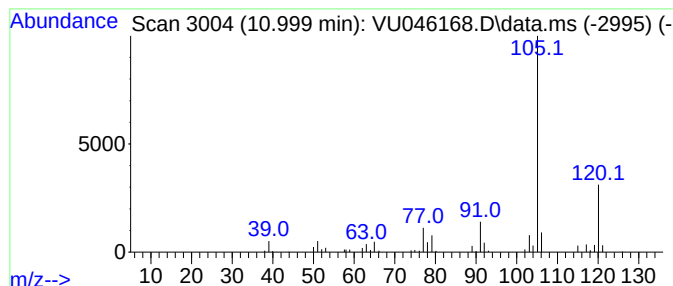
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	8.57 ug/L	109778	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	97
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046168.D
Acq On : 08 Dec 2021 12:13
Operator : SY/MD
Sample : M4960-11 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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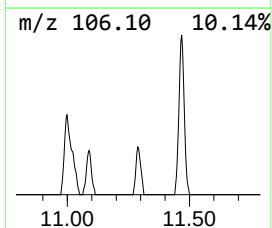
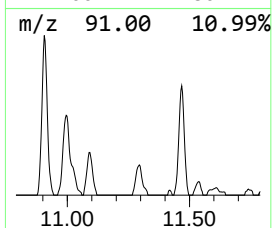
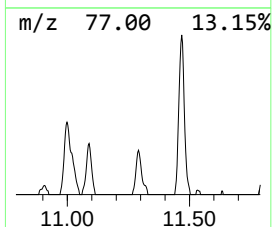
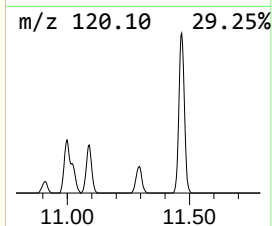
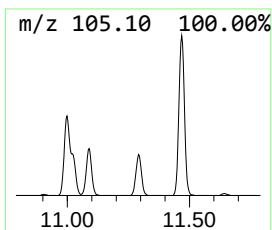
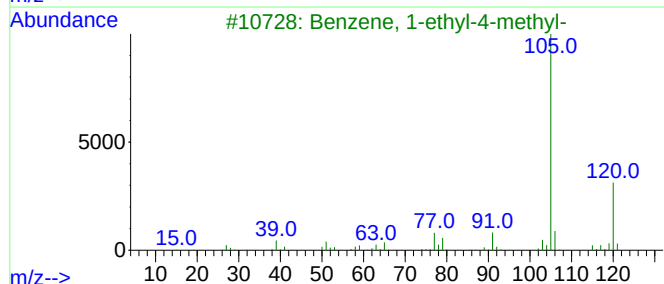
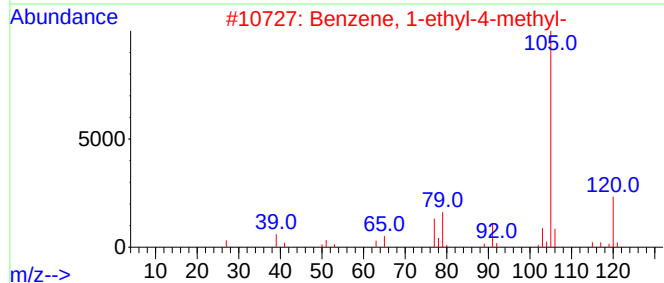
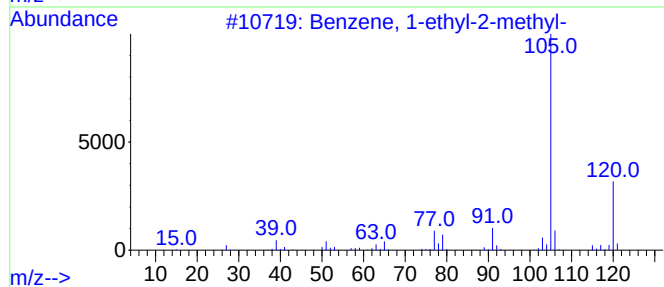
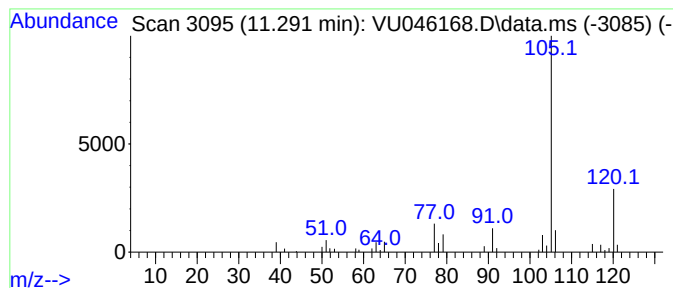
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	3.35 ug/L	42891	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			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046168.D
Acq On : 08 Dec 2021 12:13
Operator : SY/MD
Sample : M4960-11 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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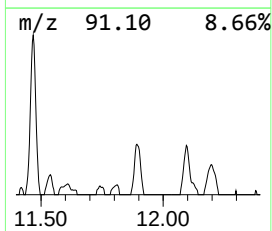
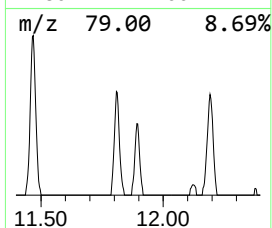
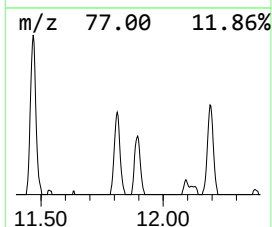
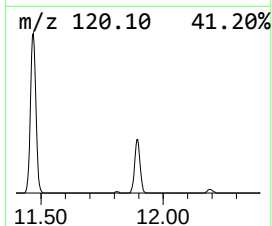
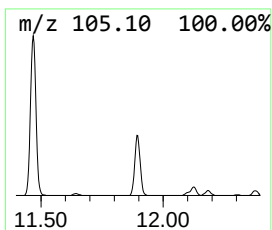
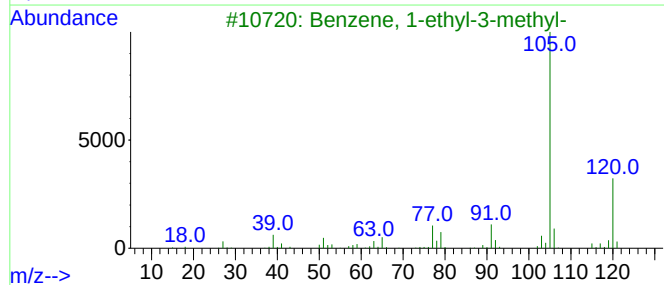
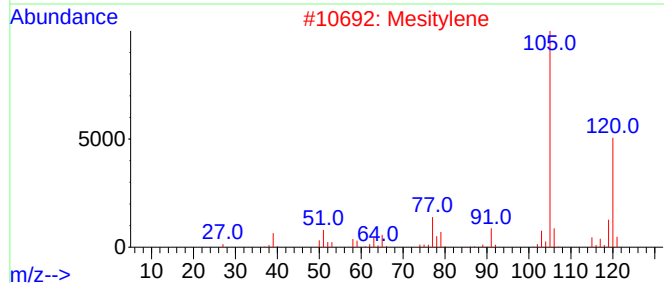
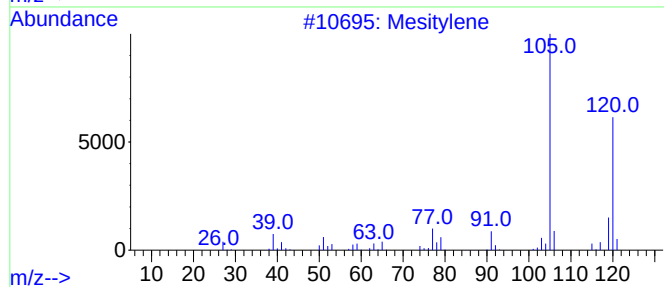
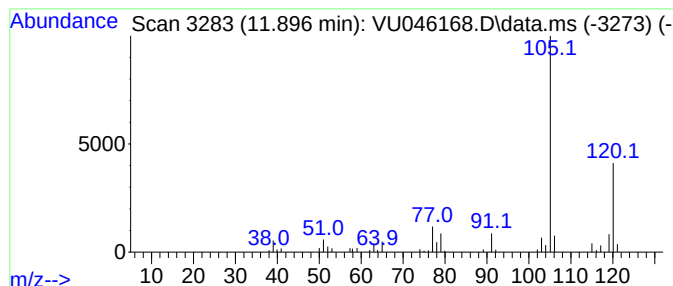
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	4.50 ug/L	57660	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	94
2			Mesitylene	120	C9H12	000108-67-8	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046168.D
Acq On : 08 Dec 2021 12:13
Operator : SY/MD
Sample : M4960-11 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

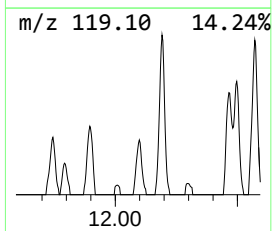
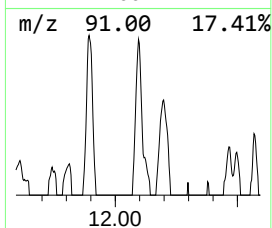
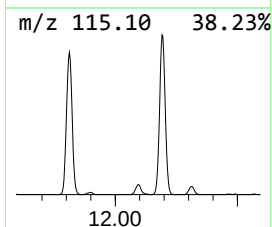
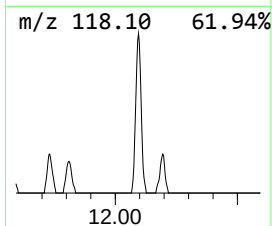
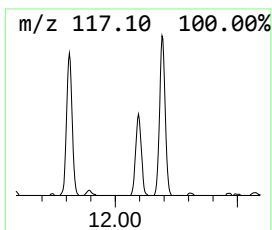
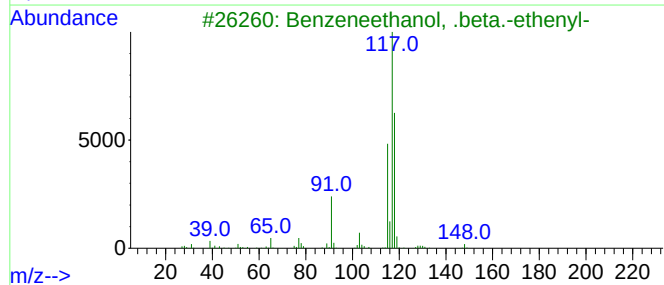
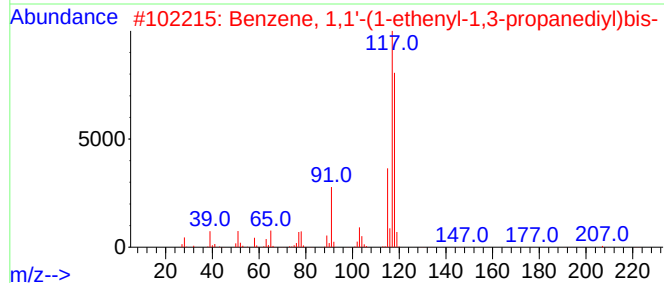
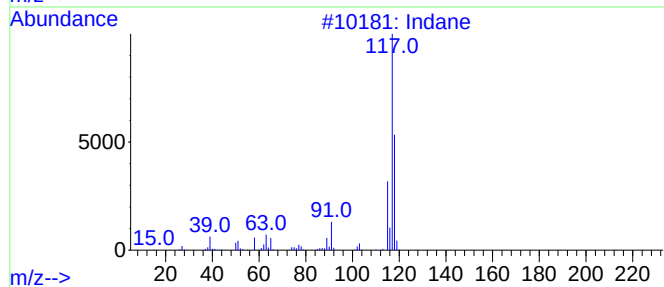
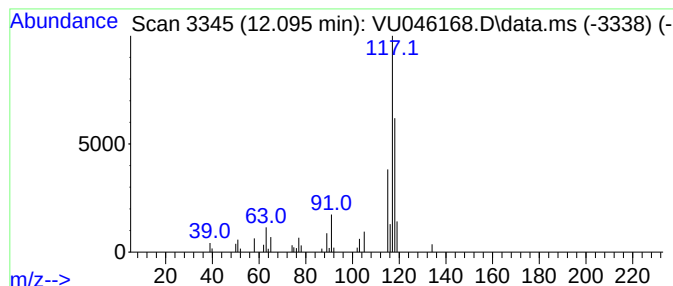
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Quant Title : VOC Analysis

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

Peak Number 8 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	3.60 ug/L	46056	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	86
3			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	78
4			Indane	118	C9H10	000496-11-7	70
5			Indane	118	C9H10	000496-11-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046168.D
Acq On : 08 Dec 2021 12:13
Operator : SY/MD
Sample : M4960-11 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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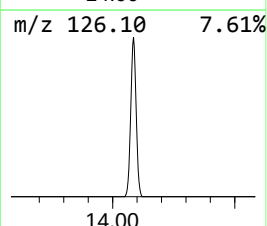
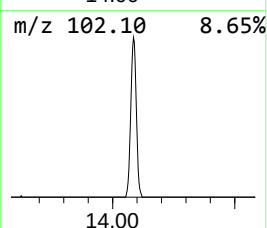
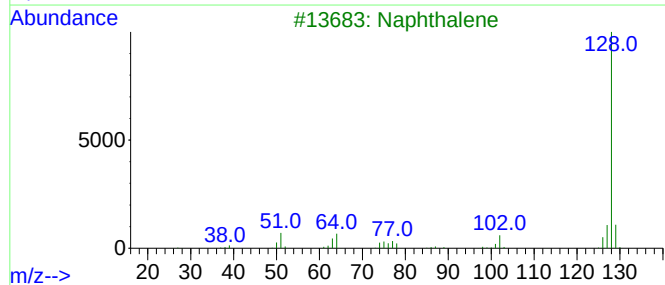
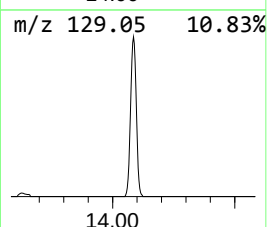
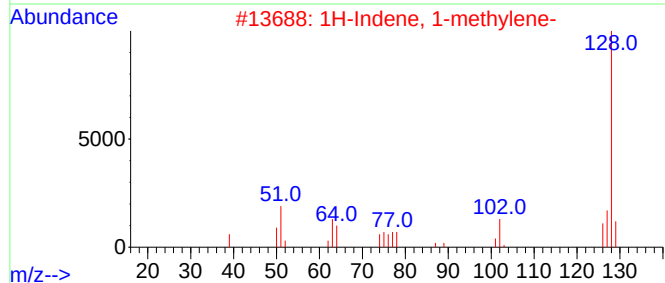
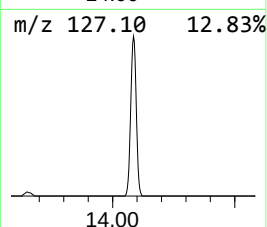
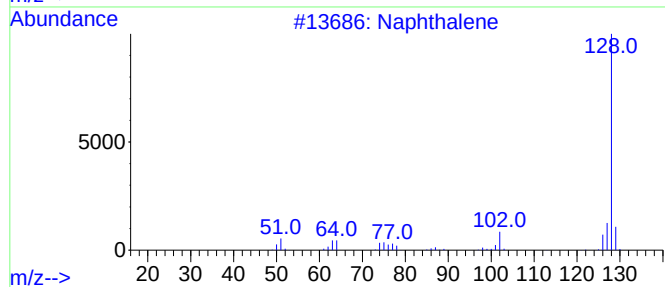
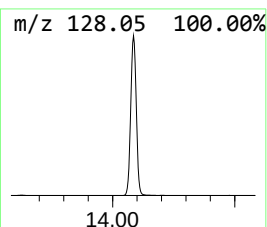
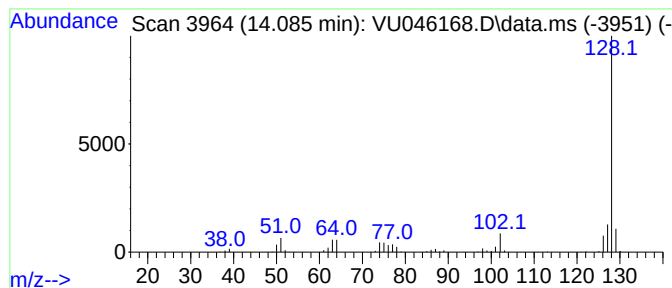
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Quant Title : VOC Analysis

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

Peak Number 9 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.085	34.53 ug/L	442113	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			Naphthalene	128	C10H8	000091-20-3	94
4			Azulene	128	C10H8	000275-51-4	94
5			Naphthalene	128	C10H8	000091-20-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
Data File : VU046168.D
Acq On : 08 Dec 2021 12:13
Operator : SY/MD
Sample : M4960-11 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS4

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Ethyl ether	2.382	10.4	ug/L	94957	1	6.253	458226	50.0
1,5-Cyclooctadiene	10.568	33.5	ug/L	522984	2	9.420	780125	50.0
Benzene, 1-ethy...	10.999	8.6	ug/L	109778	3	11.812	640114	50.0
Benzene, 1-ethy...	11.291	3.4	ug/L	42891	3	11.812	640114	50.0
Benzene, 1-ethy...	11.896	4.5	ug/L	57660	3	11.812	640114	50.0
Indane	12.095	3.6	ug/L	46056	3	11.812	640114	50.0
Azulene	14.085	34.5	ug/L	442113	3	11.812	640114	50.0