

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047643.D
 Acq On : 24 Mar 2022 19:38
 Operator : SY/MD
 Sample : N2081-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X1

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\SFAMULM032422WMA.M
 Title : VOC Analysis

Signal : TIC: VU047643.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.607	75	83	102	rVB2	146426	179381	1.93%	0.750%
2	1.938	173	186	219	rVB	955236	1346486	14.48%	5.628%
3	2.469	349	351	352	rBV	618	275	0.00%	0.001%
4	2.581	371	386	401	rBV4	117924	228305	2.46%	0.954%
5	3.048	526	531	544	rVB6	1172	2143	0.02%	0.009%
6	3.096	544	546	553	rVB2	334	292	0.00%	0.001%
7	3.179	564	572	573	rBV4	674	588	0.01%	0.002%
8	3.359	616	628	645	rVV2	29667	59950	0.64%	0.251%
9	3.504	667	673	677	rVB	272	318	0.00%	0.001%
10	3.874	768	788	817	rBV	1218745	2881749	31.00%	12.044%
11	4.408	952	954	959	rVB3	432	298	0.00%	0.001%
12	4.671	1015	1036	1079	rBV	2098580	4770172	51.31%	19.937%
13	5.067	1143	1159	1179	rBV3	44197	100005	1.08%	0.418%
14	5.170	1189	1191	1194	rBV3	476	268	0.00%	0.001%
15	5.321	1217	1238	1275	rBV	4167500	9296982	100.00%	38.857%
16	5.729	1344	1365	1377	rBV2	91680	253495	2.73%	1.059%
17	5.903	1408	1419	1433	rVB3	4240	10177	0.11%	0.043%
18	5.980	1440	1443	1444	rBV	649	309	0.00%	0.001%
19	6.080	1470	1474	1476	rBV2	314	275	0.00%	0.001%
20	6.250	1515	1527	1546	rVV	74859	143153	1.54%	0.598%
21	6.456	1588	1591	1597	rVB2	409	320	0.00%	0.001%
22	6.543	1606	1618	1636	rBV2	58015	109294	1.18%	0.457%
23	6.694	1653	1665	1677	rBV2	55547	107941	1.16%	0.451%
24	6.764	1680	1687	1698	rVB6	7194	13423	0.14%	0.056%
25	6.928	1730	1738	1743	rBB3	418	402	0.00%	0.002%
26	7.006	1756	1762	1765	rBV2	318	352	0.00%	0.001%
27	7.092	1784	1789	1793	rBV3	363	352	0.00%	0.001%
28	7.179	1813	1816	1820	rVB4	335	275	0.00%	0.001%
29	7.247	1832	1837	1845	rBV4	663	799	0.01%	0.003%
30	7.346	1865	1868	1876	rVB2	410	362	0.00%	0.002%
31	7.398	1876	1884	1889	rBV4	426	624	0.01%	0.003%
32	7.462	1900	1904	1908	rBV2	385	314	0.00%	0.001%
33	7.568	1922	1937	1953	rBV2	31472	56329	0.61%	0.235%
34	7.742	1990	1991	1996	rVB3	436	288	0.00%	0.001%
35	7.768	1996	1999	2002	rBV2	530	416	0.00%	0.002%
36	7.800	2002	2009	2020	rVB4	1984	3162	0.03%	0.013%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Title : VOC Analysis

37	7.899	2020	2040	2051	rBV	108615	191123	2.06%	0.799%
38	7.970	2051	2062	2078	rVB	249043	422741	4.55%	1.767%
39	8.182	2117	2128	2141	rBV2	22756	40074	0.43%	0.167%
40	8.404	2192	2197	2205	rVB5	1224	1680	0.02%	0.007%
41	8.475	2205	2219	2230	rBV	12467	21639	0.23%	0.090%
42	8.555	2232	2244	2260	rBV	164980	280795	3.02%	1.174%
43	8.639	2260	2270	2301	rVB	73671	152101	1.64%	0.636%
44	8.864	2333	2340	2347	rVB5	2165	2839	0.03%	0.012%
45	8.925	2352	2359	2367	rBV6	1256	1759	0.02%	0.007%
46	9.047	2394	2397	2404	rVB4	598	554	0.01%	0.002%
47	9.272	2463	2467	2472	rBV3	850	819	0.01%	0.003%
48	9.417	2498	2512	2536	rBV	113081	195404	2.10%	0.817%
49	9.507	2537	2540	2548	rVB4	1839	2034	0.02%	0.009%
50	9.571	2549	2560	2577	rBV	74424	121276	1.30%	0.507%
51	9.694	2585	2598	2612	rBV	170805	288414	3.10%	1.205%
52	9.890	2654	2659	2663	rBV4	576	434	0.00%	0.002%
53	10.034	2697	2704	2709	rVV5	944	1351	0.01%	0.006%
54	10.102	2712	2725	2746	rVB	108823	179498	1.93%	0.750%
55	10.272	2768	2778	2788	rVB5	5497	8542	0.09%	0.036%
56	10.356	2800	2804	2805	rBV2	1097	792	0.01%	0.003%
57	10.485	2835	2844	2857	rVB2	14647	22945	0.25%	0.096%
58	10.575	2862	2872	2882	rVB	6564	9298	0.10%	0.039%
59	10.649	2885	2895	2902	rBV4	2526	4041	0.04%	0.017%
60	10.694	2903	2909	2917	rVB7	2627	4347	0.05%	0.018%
61	10.758	2917	2929	2944	rBV	88308	144950	1.56%	0.606%
62	10.903	2959	2974	2990	rBV3	41703	76917	0.83%	0.321%
63	10.999	2992	3004	3022	rBV	93076	210408	2.26%	0.879%
64	11.089	3022	3032	3046	rVB	55599	86854	0.93%	0.363%
65	11.234	3069	3077	3084	rBV3	3958	5897	0.06%	0.025%
66	11.292	3085	3095	3113	rVB	89424	142518	1.53%	0.596%
67	11.417	3127	3134	3139	rBV3	2239	2984	0.03%	0.012%
68	11.468	3139	3150	3166	rVB	285637	432821	4.66%	1.809%
69	11.558	3175	3178	3181	rBV2	490	335	0.00%	0.001%
70	11.613	3185	3195	3197	rBV4	4827	6778	0.07%	0.028%
71	11.642	3199	3204	3215	rVB2	13228	19615	0.21%	0.082%
72	11.745	3226	3236	3245	rBV2	19666	28385	0.31%	0.119%
73	11.812	3245	3257	3272	rVV	153038	261950	2.82%	1.095%
74	11.896	3272	3283	3295	rVV	131321	203670	2.19%	0.851%
75	11.976	3303	3308	3310	rBV3	675	543	0.01%	0.002%
76	12.009	3312	3318	3327	rVB6	2812	3737	0.04%	0.016%

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77	12.095	3334	3345	3352	rBV2	67690	113702	1.22%	0.475%
78	12.195	3363	3376	3393	rVB3	171248	322716	3.47%	1.349%
79	12.301	3402	3409	3422	rVB4	4815	6957	0.07%	0.029%
80	12.378	3424	3433	3448	rVB	15755	23584	0.25%	0.099%
81	12.472	3451	3462	3464	rBV	19345	28611	0.31%	0.120%
82	12.571	3484	3493	3501	rBV	25625	37187	0.40%	0.155%
83	12.687	3520	3529	3548	rVB4	14708	39715	0.43%	0.166%
84	12.774	3548	3556	3562	rBV7	2810	4544	0.05%	0.019%
85	12.877	3577	3588	3598	rVB3	10300	16730	0.18%	0.070%
86	12.973	3603	3618	3626	rBV2	10870	18921	0.20%	0.079%
87	13.028	3626	3635	3645	rVB	18764	29335	0.32%	0.123%
88	13.108	3657	3660	3668	rVB5	1421	1647	0.02%	0.007%
89	13.253	3701	3705	3710	rBV4	1292	1290	0.01%	0.005%
90	13.298	3712	3719	3727	rVB6	3410	4926	0.05%	0.021%
91	13.353	3734	3736	3743	rVB3	507	451	0.00%	0.002%
92	13.404	3745	3752	3755	rVV4	1496	1906	0.02%	0.008%
93	13.452	3757	3767	3782	rVV4	25134	44259	0.48%	0.185%
94	13.517	3785	3787	3795	rVB4	1022	1139	0.01%	0.005%
95	13.626	3813	3821	3831	rVB3	7974	12086	0.13%	0.051%
96	13.732	3851	3854	3856	rBV3	393	276	0.00%	0.001%
97	13.783	3865	3870	3879	rBV3	862	1304	0.01%	0.005%
98	13.841	3879	3888	3895	rBV6	5237	8459	0.09%	0.035%
99	14.089	3952	3965	3980	rBV	30017	50963	0.55%	0.213%
100	14.333	4034	4041	4049	rBV5	2822	3607	0.04%	0.015%

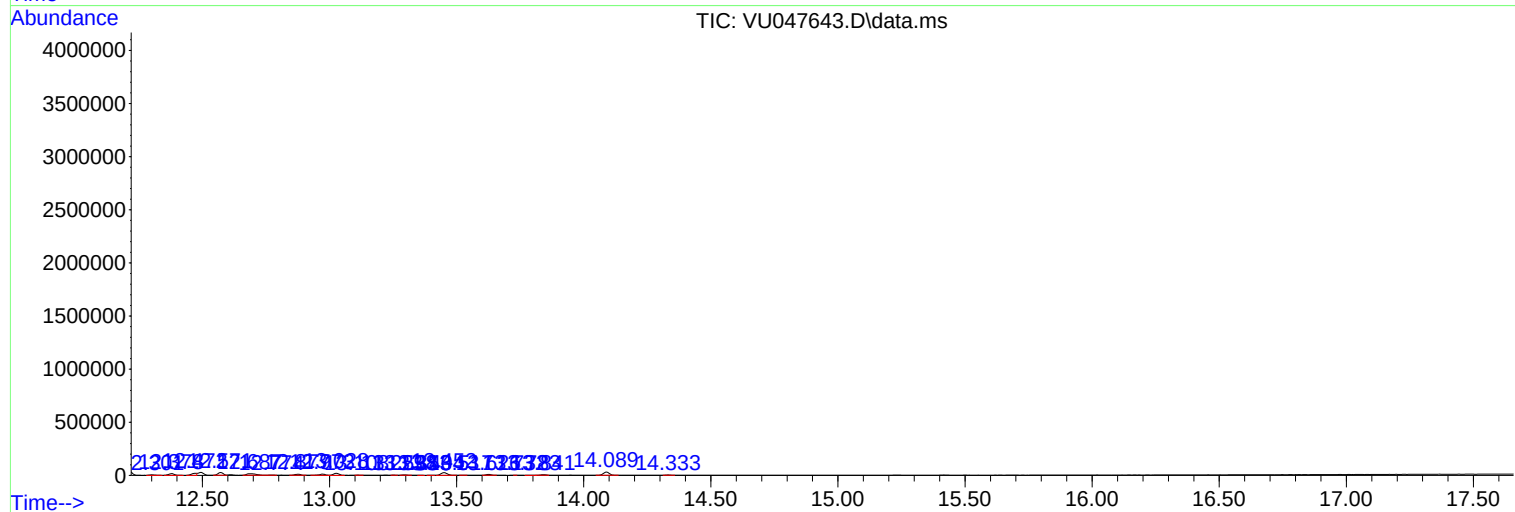
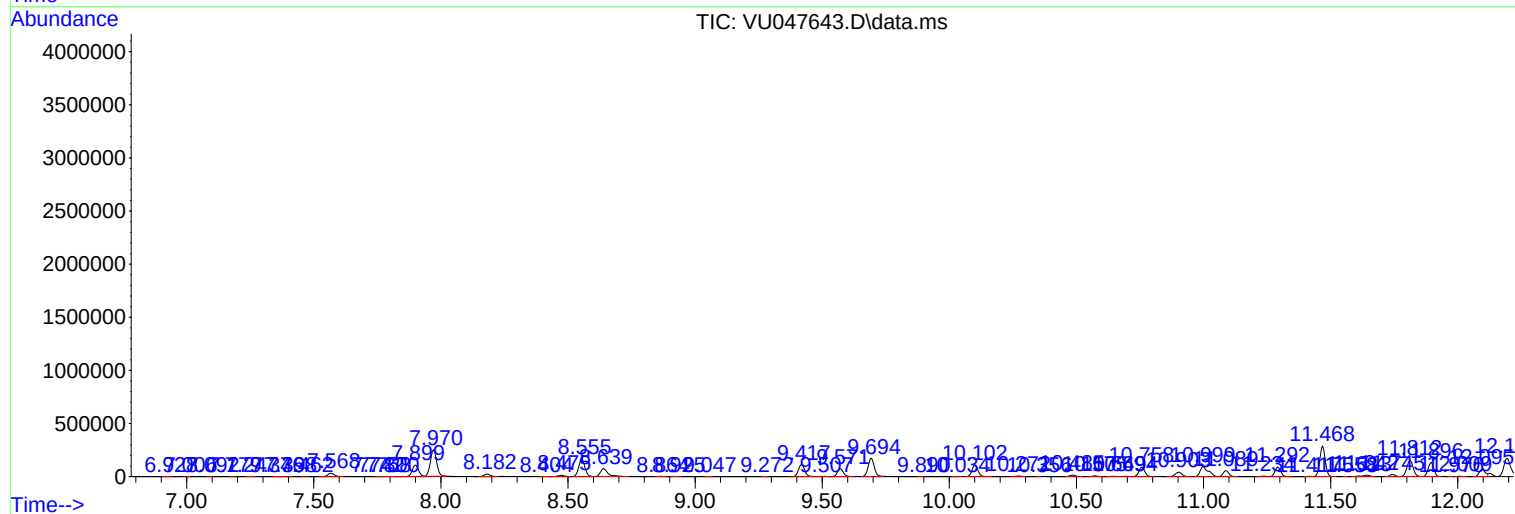
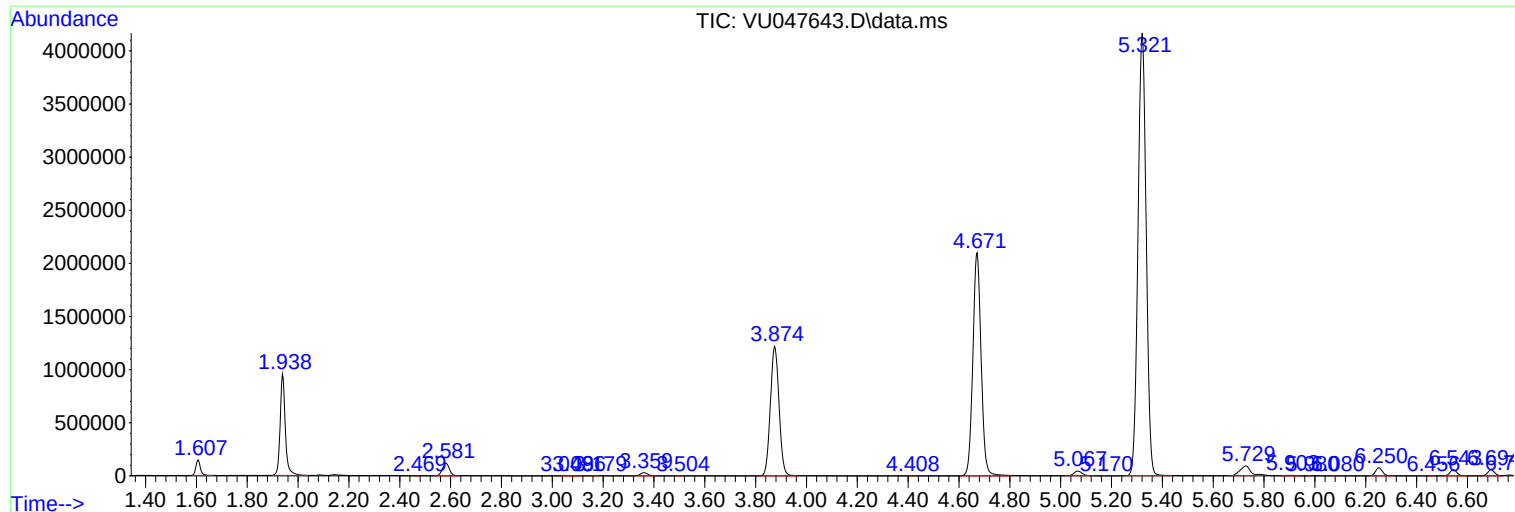
Sum of corrected areas: 23926451

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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



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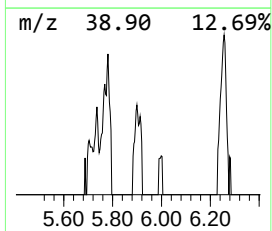
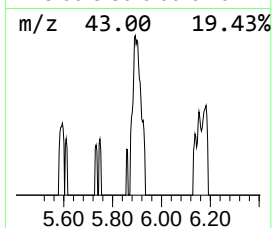
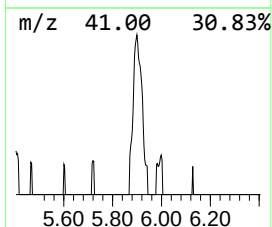
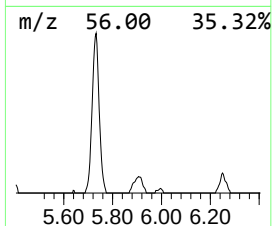
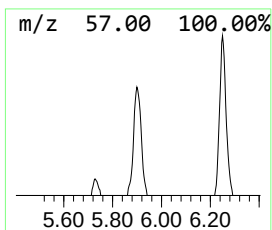
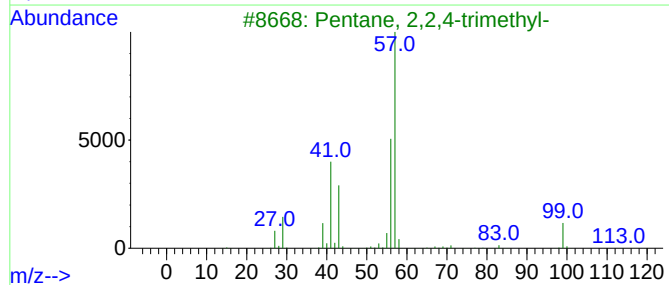
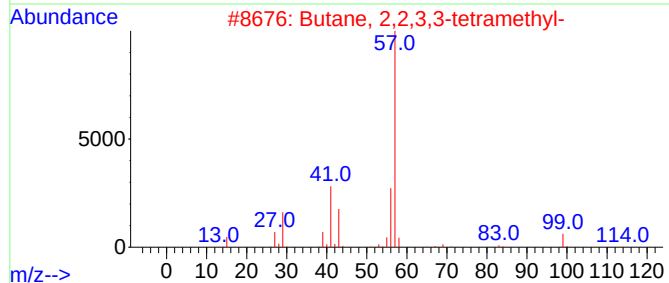
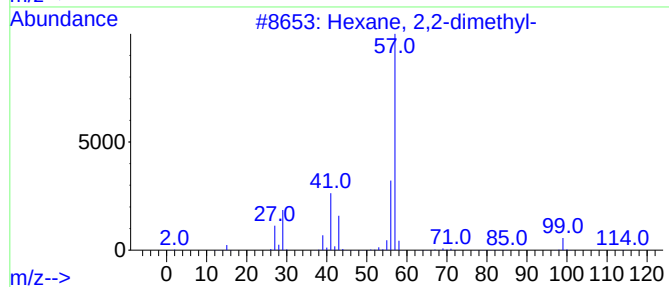
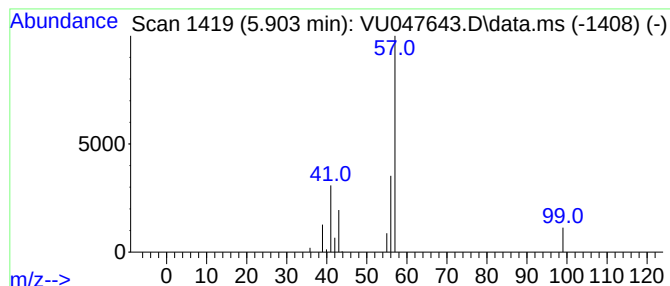
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.903	3.55 ug/L	10177	1,4-Difluorobenzene	6.253

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
3		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	43
5		Butane, 2-azido-2,3,3-trimethyl-	141	C7H15N3	051677-41-9	40



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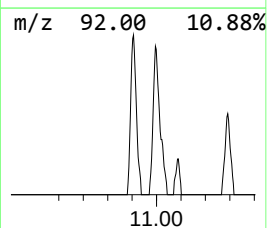
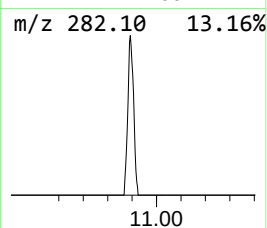
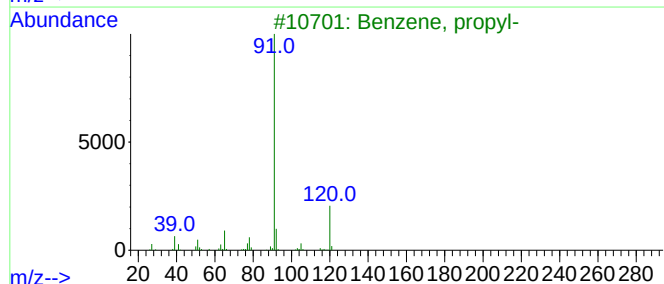
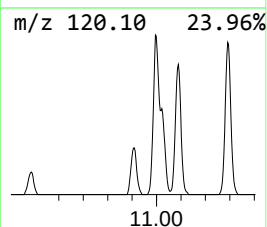
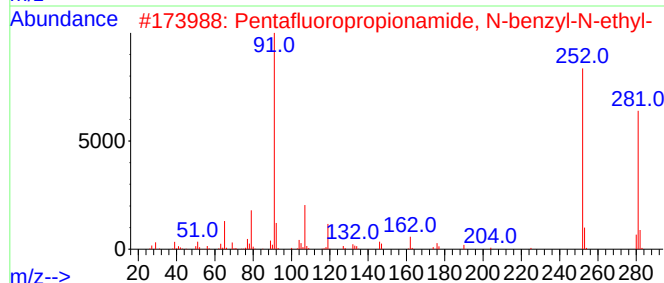
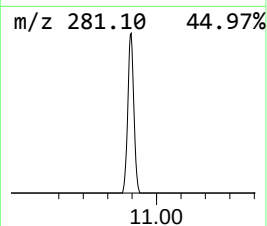
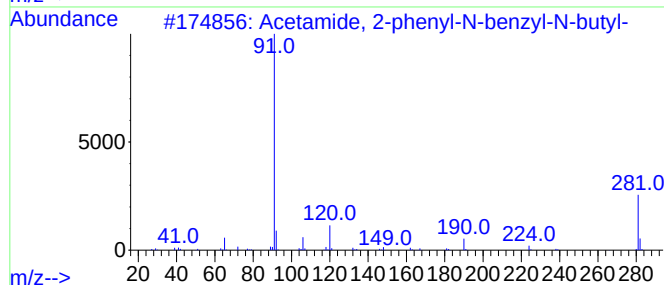
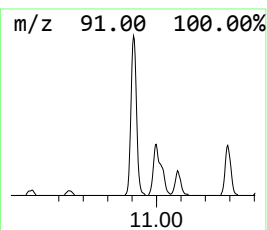
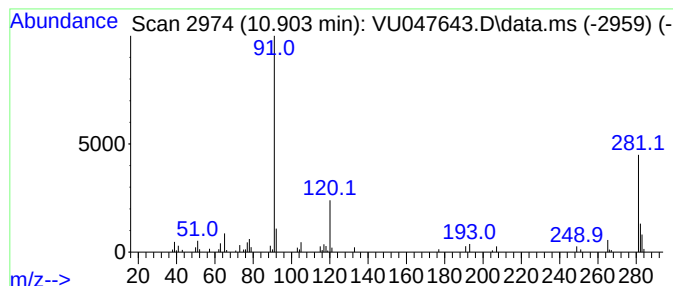
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Acetamide, 2-phenyl-N-benzy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.903	14.68 ug/L	76917	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetamide, 2-phenyl-N-benzyl-N-b...	281	C19H23NO	1010446-79-6	59
2			Pentafluoropropionamide, N-benzy...	281	C12H12F5NO	1000451-88-1	47
3			Benzene, propyl-	120	C9H12	000103-65-1	42
4			Benzene, propyl-	120	C9H12	000103-65-1	42
5			Benzene, propyl-	120	C9H12	000103-65-1	42



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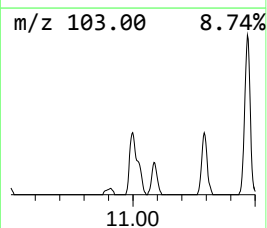
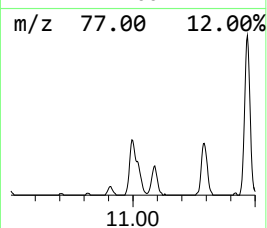
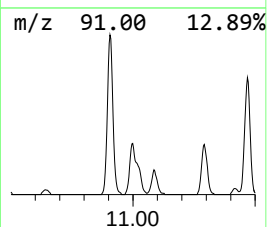
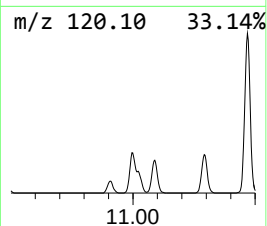
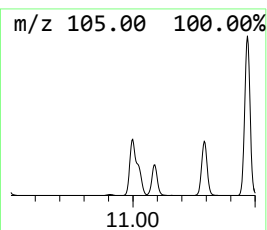
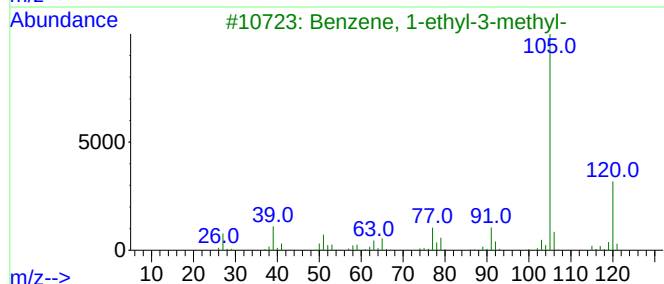
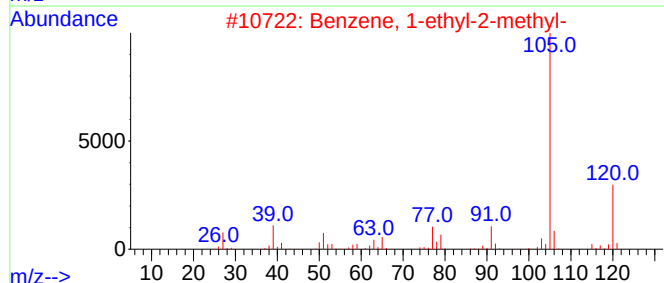
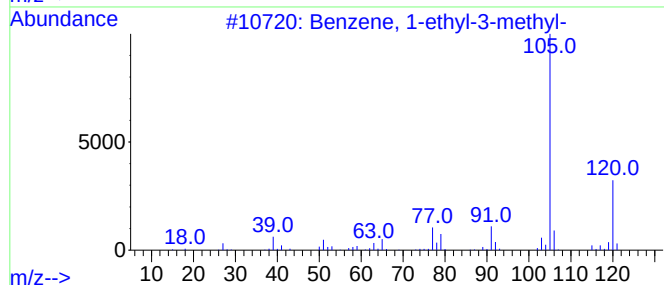
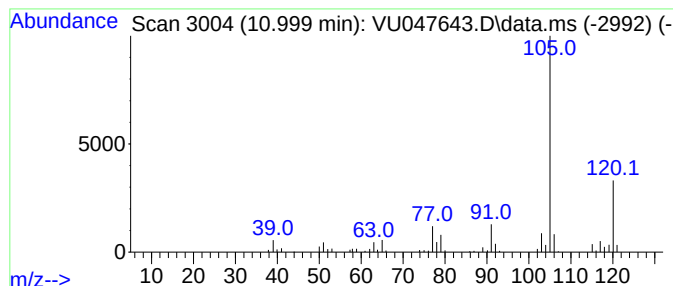
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	40.16 ug/L	210408	1,4-Dichlorobenzene-d4	11.812

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X1

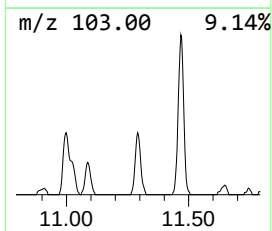
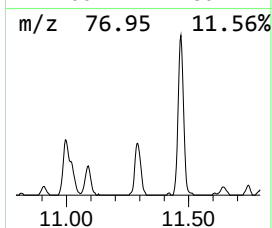
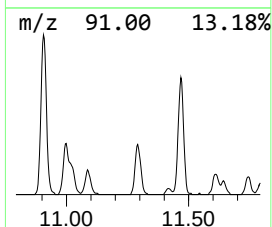
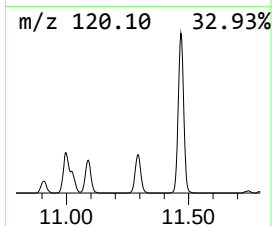
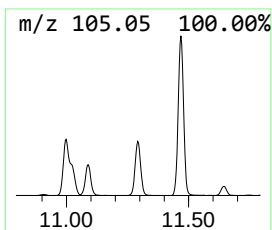
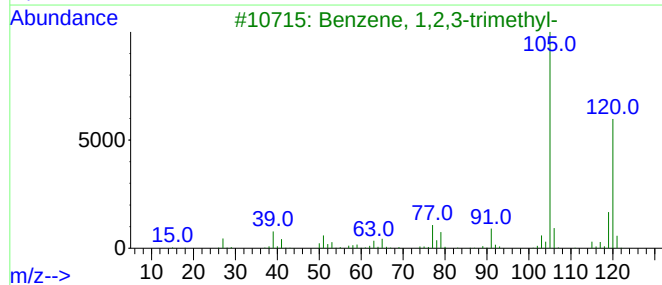
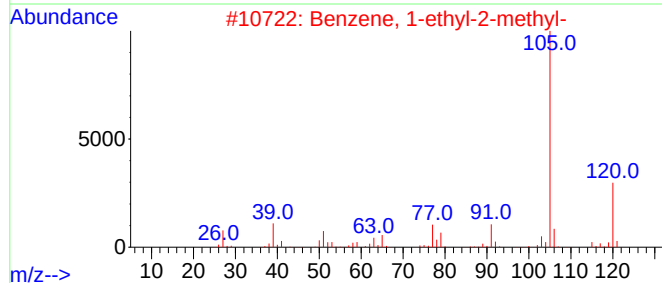
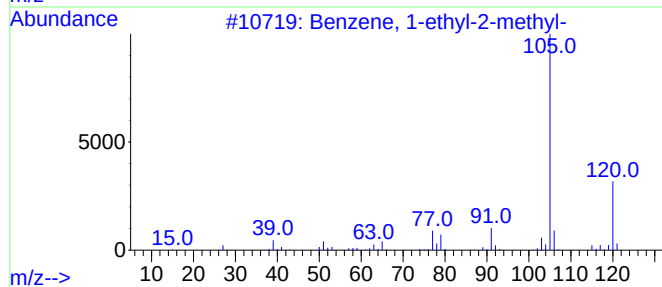
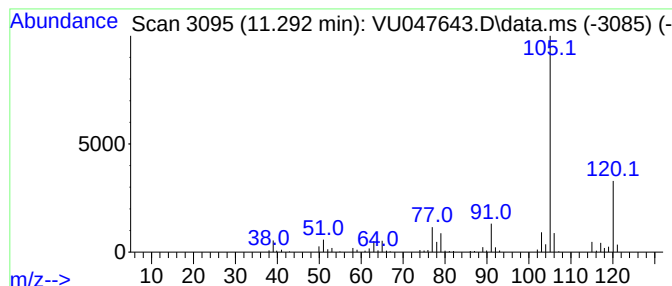
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	27.20 ug/L	142518	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	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X1

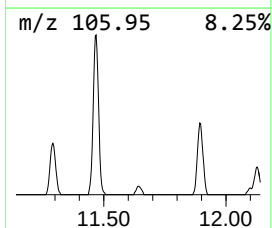
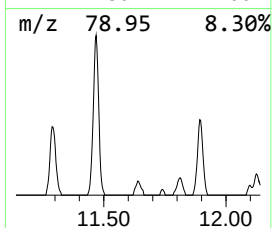
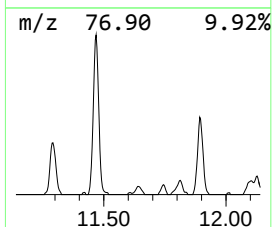
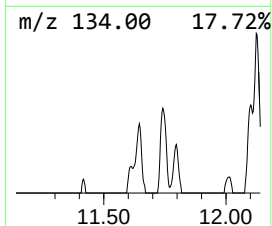
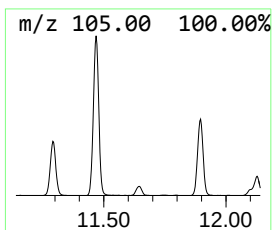
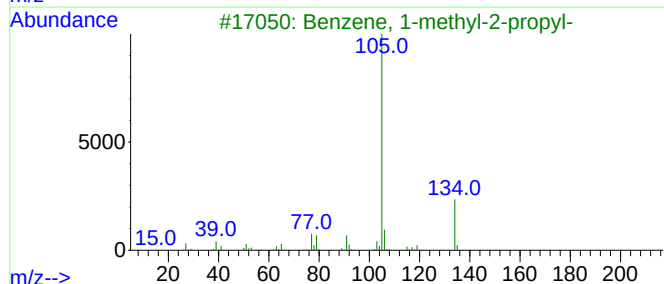
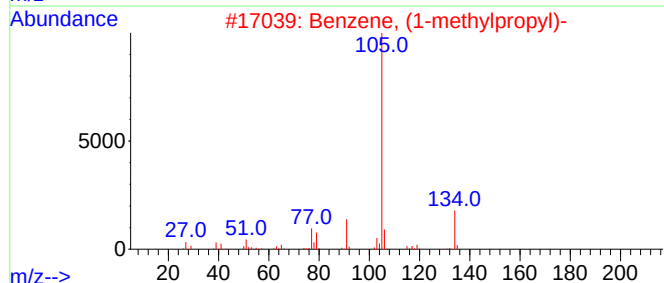
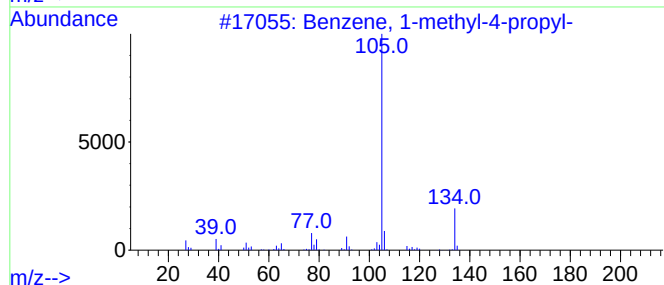
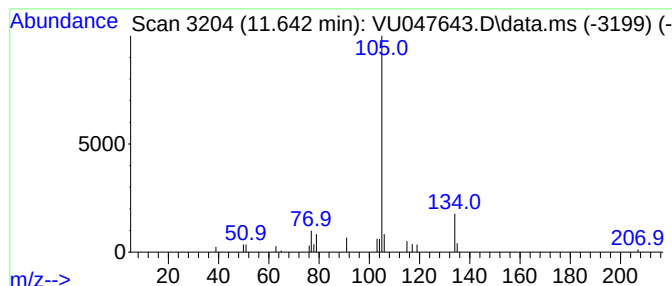
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.642	3.74 ug/L	19615	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	80
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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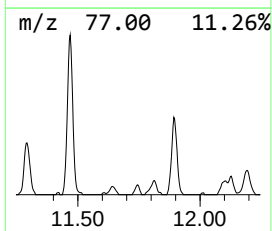
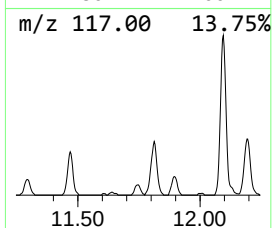
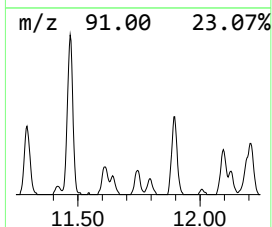
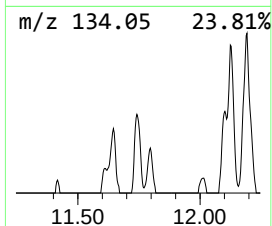
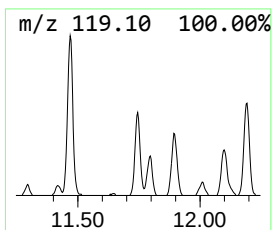
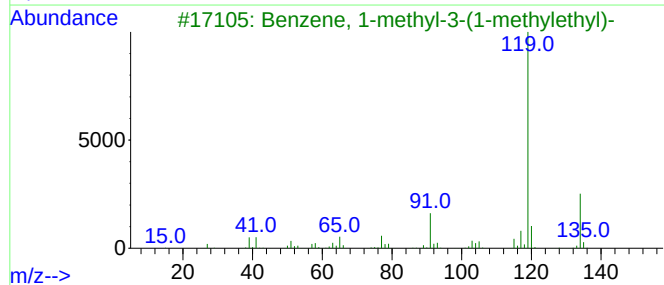
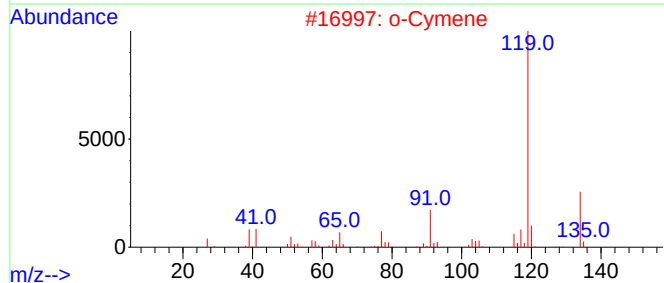
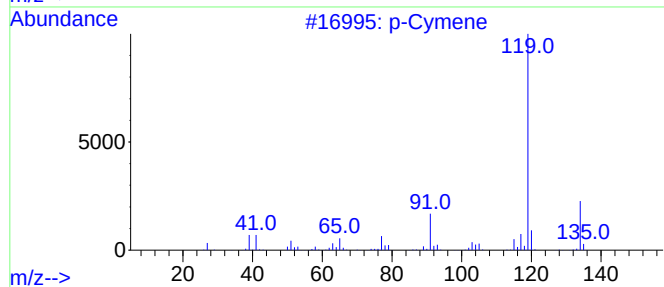
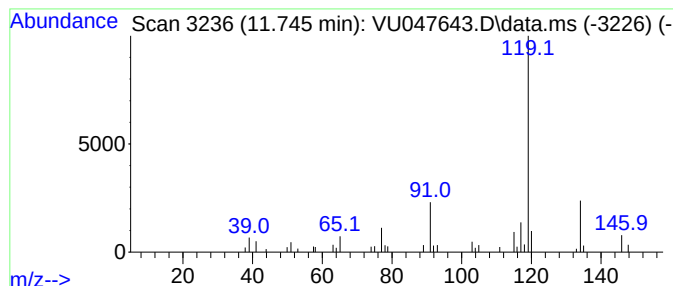
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Quant Title : VOC Analysis

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

Peak Number 8 p-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	5.42 ug/L	28385	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	94
2			o-Cymene	134	C10H14	000527-84-4	94
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4			p-Cymene	134	C10H14	000099-87-6	94
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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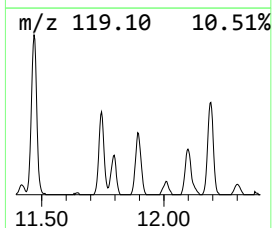
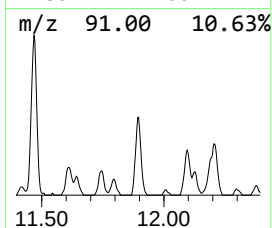
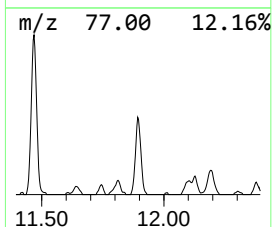
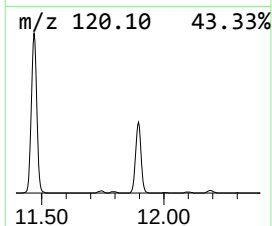
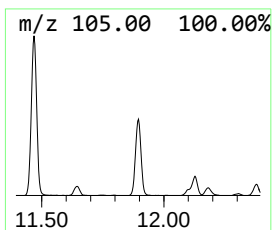
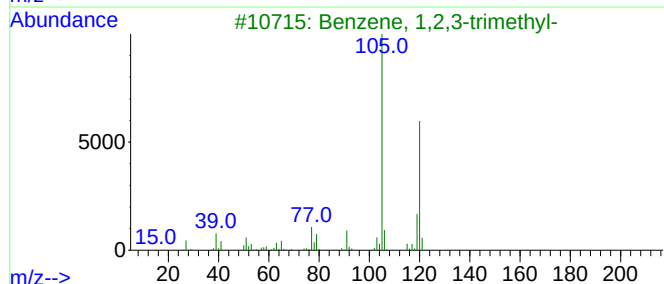
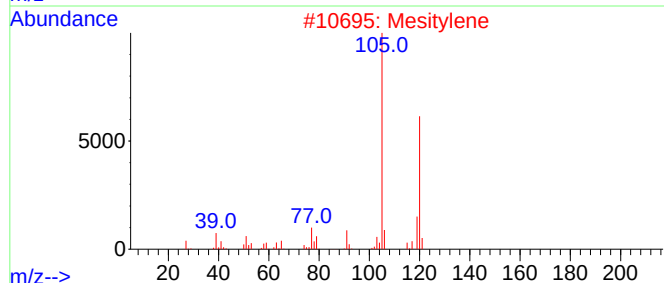
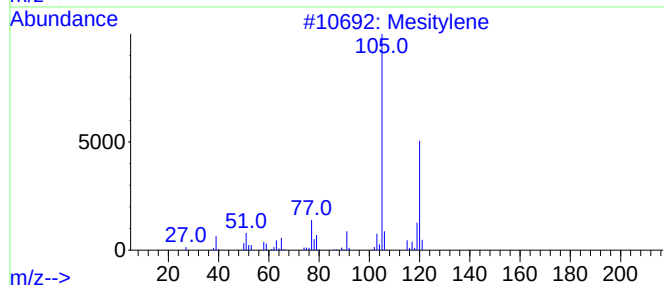
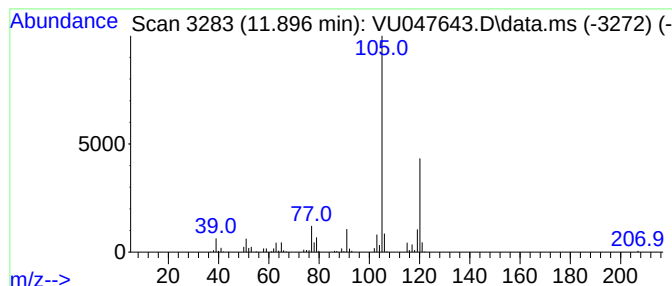
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	38.88 ug/L	203670	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Mesitylene	120	C9H12	000108-67-8	95
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4			Mesitylene	120	C9H12	000108-67-8	94
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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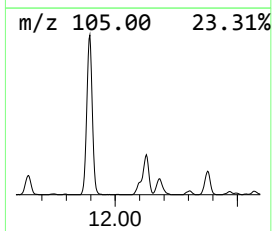
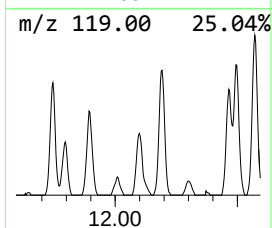
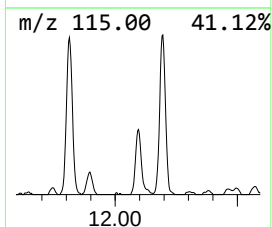
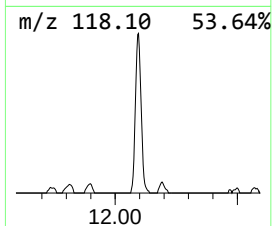
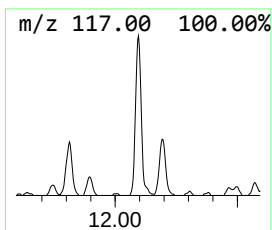
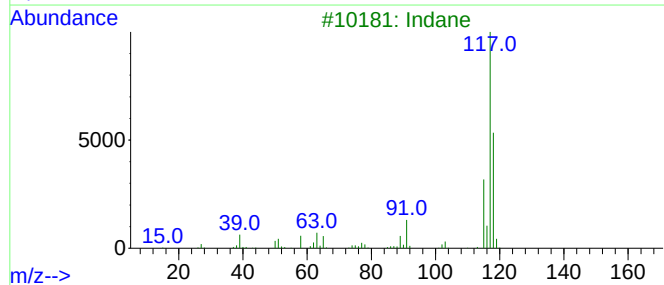
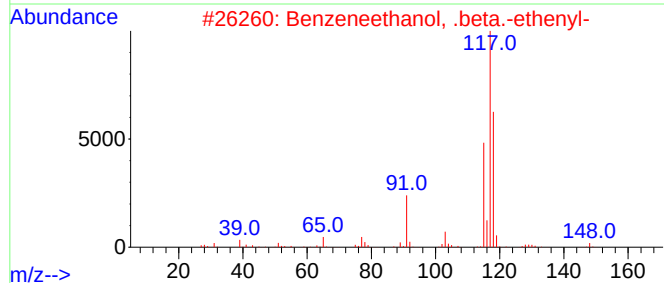
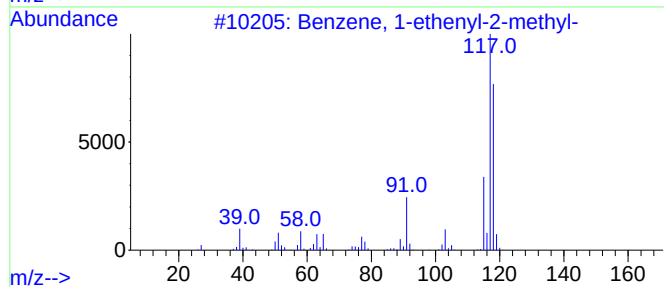
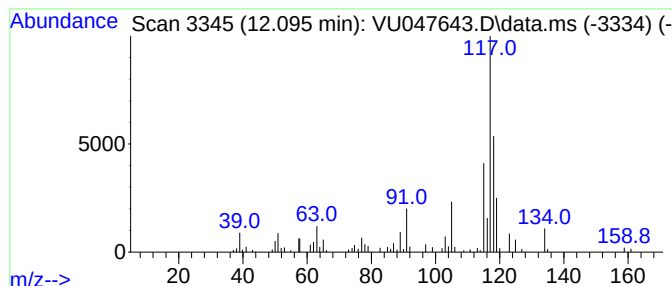
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-ethenyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	21.70 ug/L	113702	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	55
2			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
3			Indane	118	C9H10	000496-11-7	53
4			Indane	118	C9H10	000496-11-7	46
5			7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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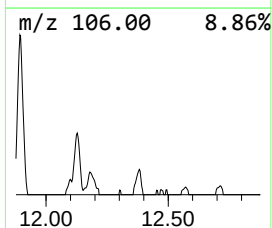
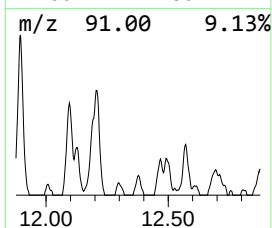
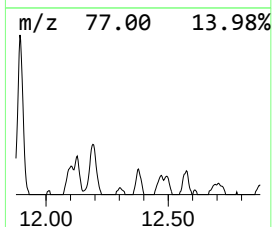
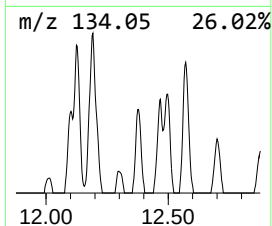
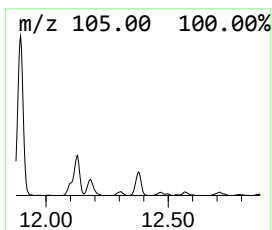
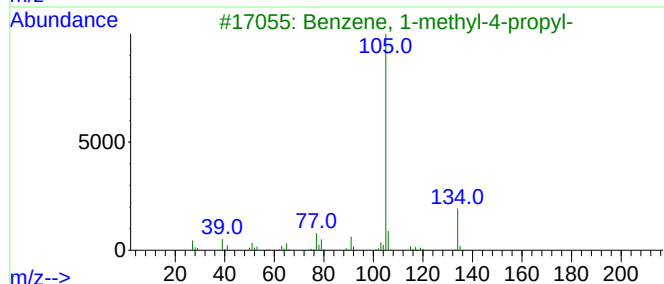
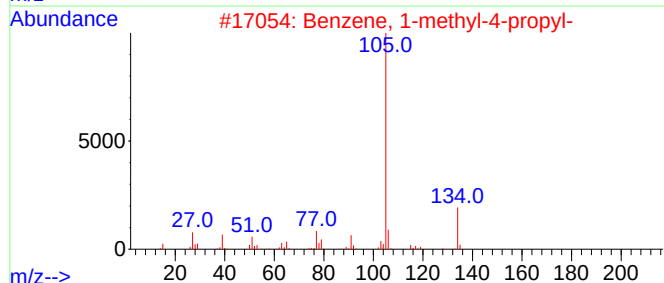
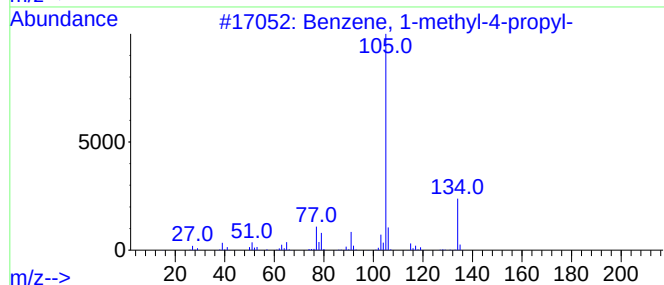
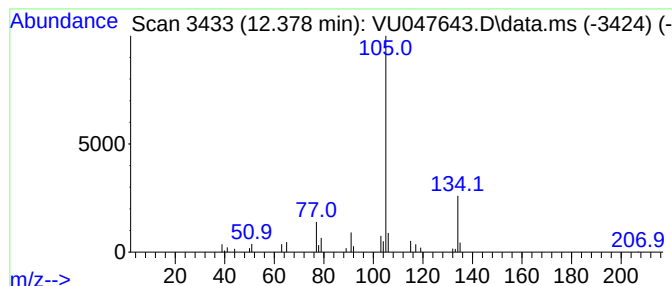
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-methyl-2-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.378	4.50 ug/L	23584	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X1

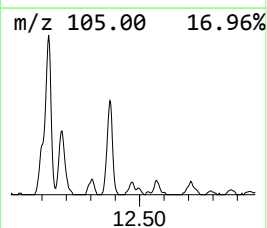
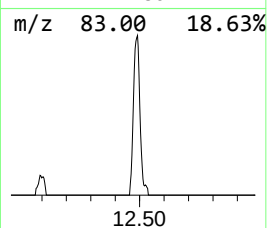
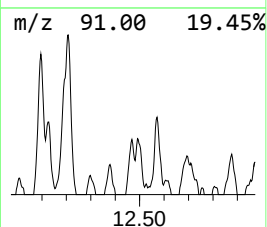
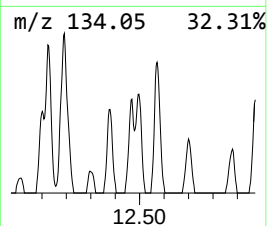
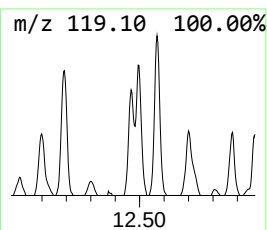
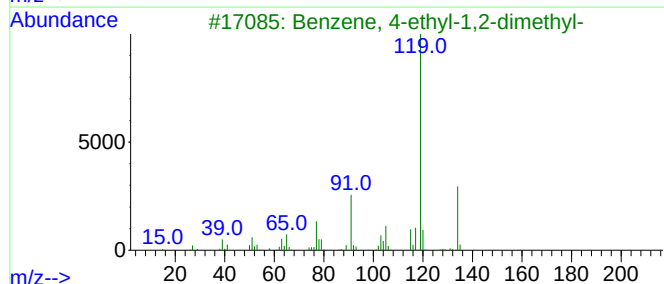
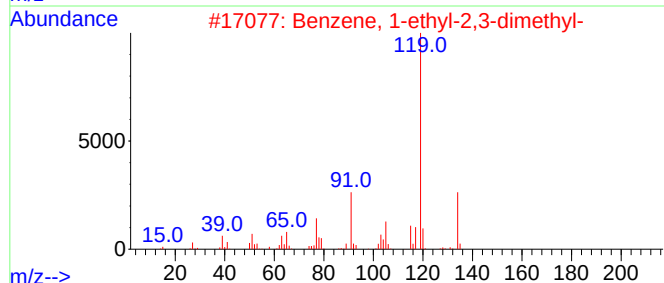
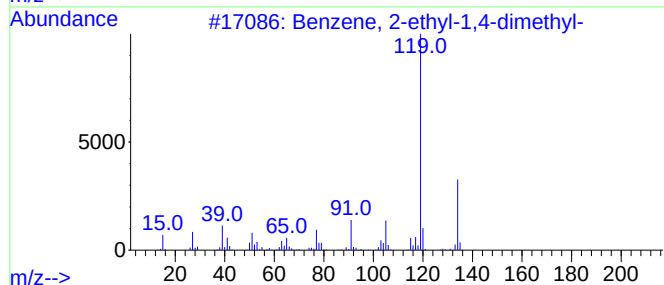
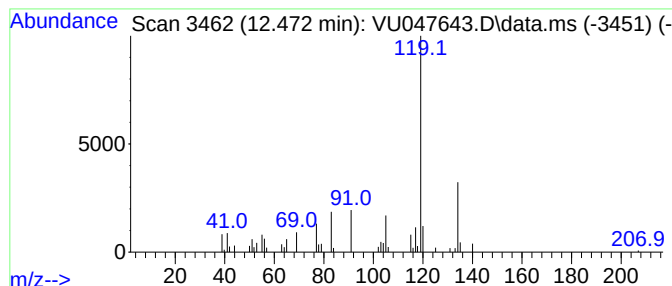
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.472	5.46 ug/L	28611	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X1

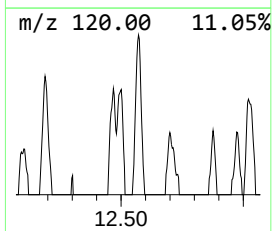
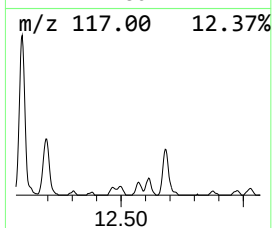
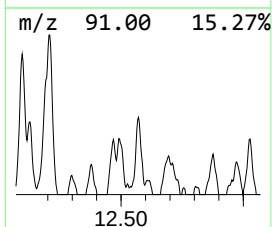
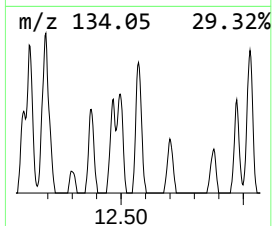
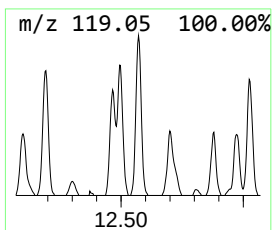
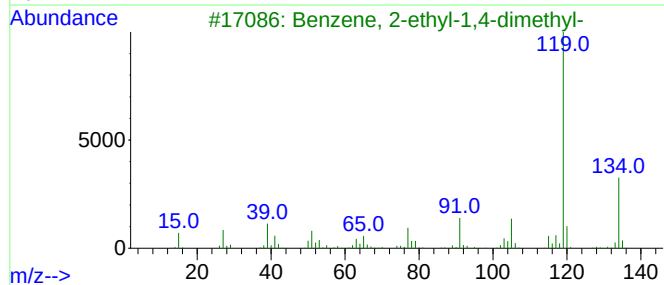
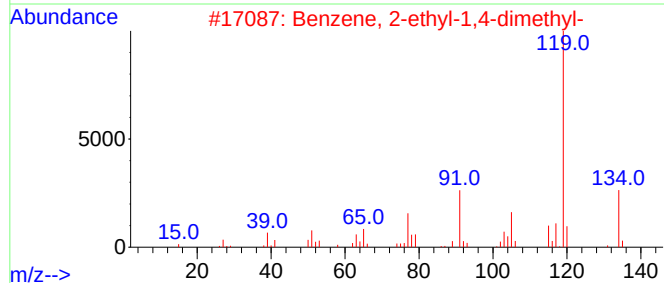
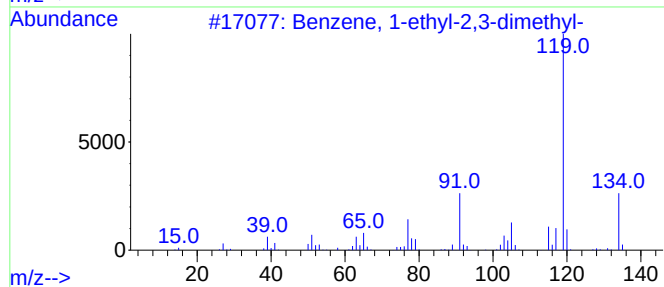
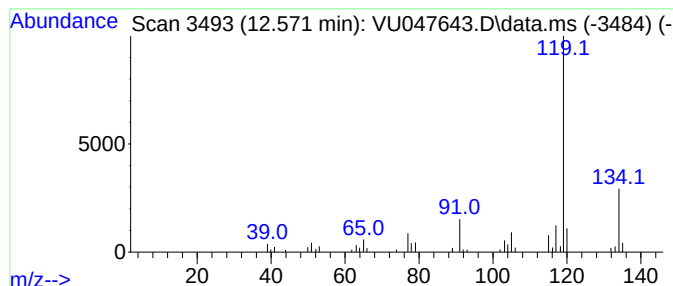
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	7.10 ug/L	37187	1,4-Dichlorobenzene-d4	11.812

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			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X1

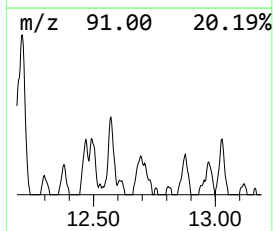
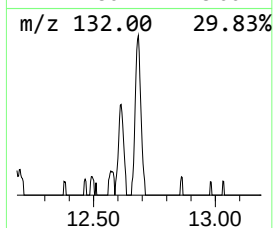
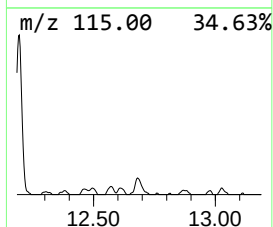
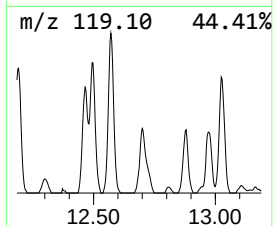
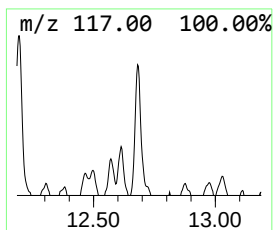
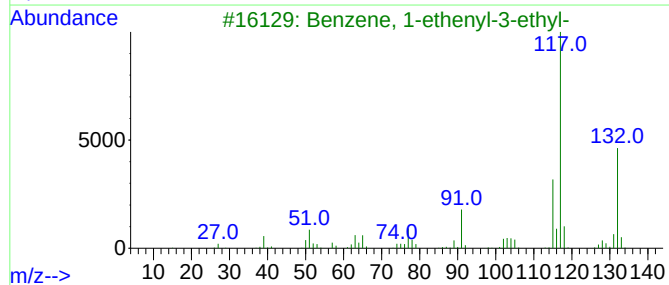
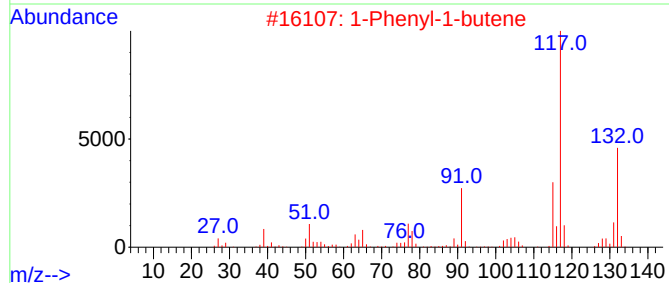
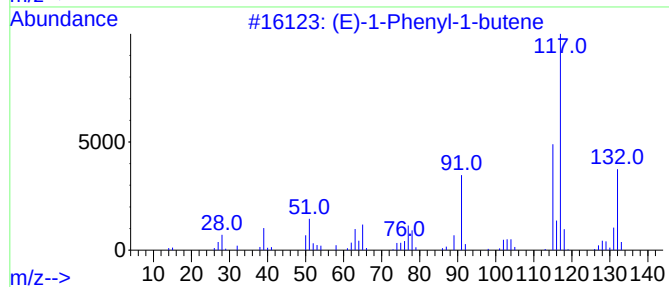
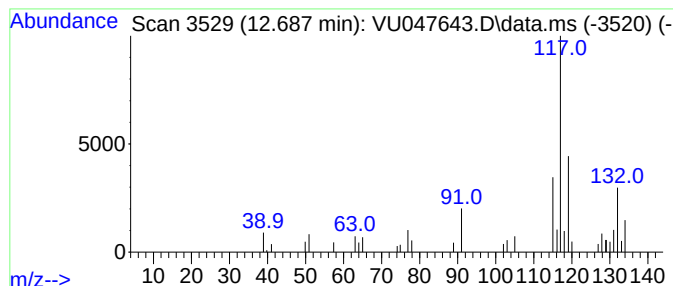
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Quant Title : VOC Analysis

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

Peak Number 14 (E)-1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	7.58 ug/L	39715	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	70
2	1-Phenyl-1-butene			132	C10H12	000824-90-8	70
3	Benzene, 1-ethenyl-3-ethyl-			132	C10H12	007525-62-4	70
4	Benzene, 1-methyl-2-(2-propenyl)-			132	C10H12	001587-04-8	70
5	Benzene, 1-methyl-2-(2-propenyl)-			132	C10H12	001587-04-8	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X1

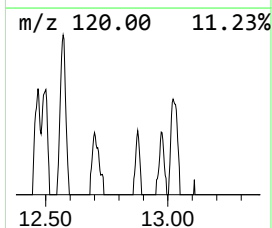
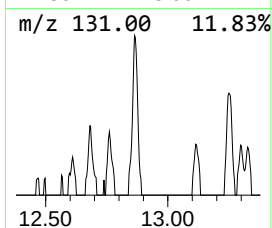
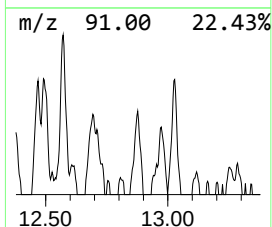
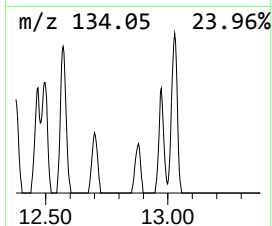
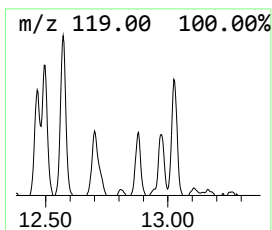
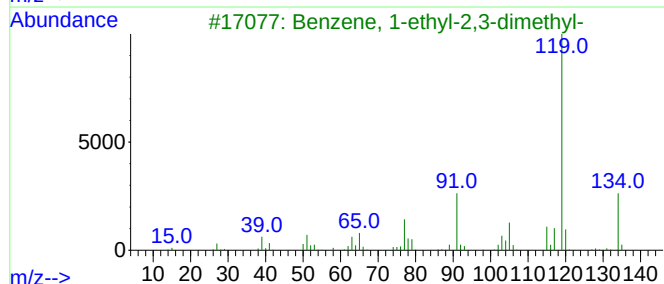
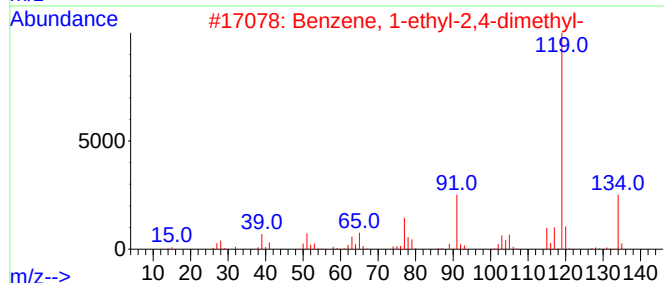
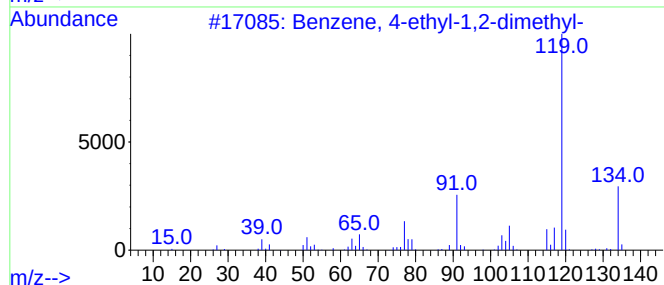
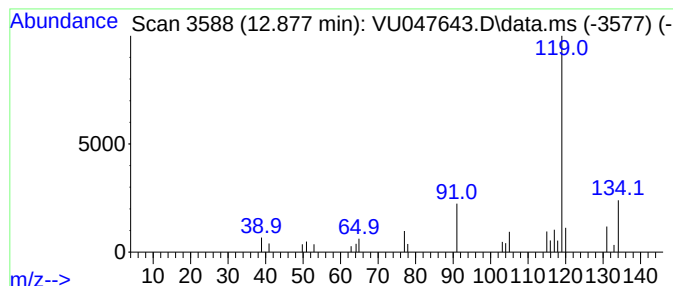
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	3.19 ug/L	16730	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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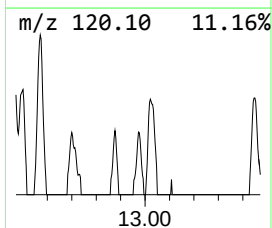
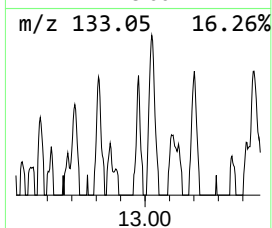
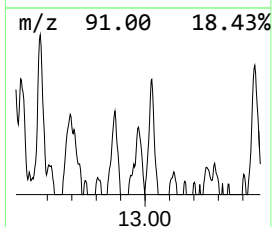
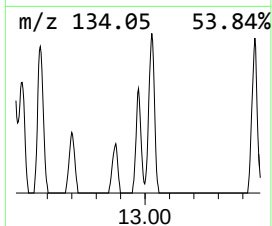
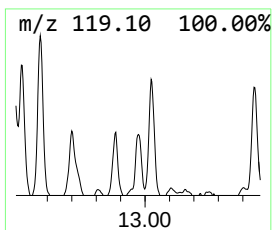
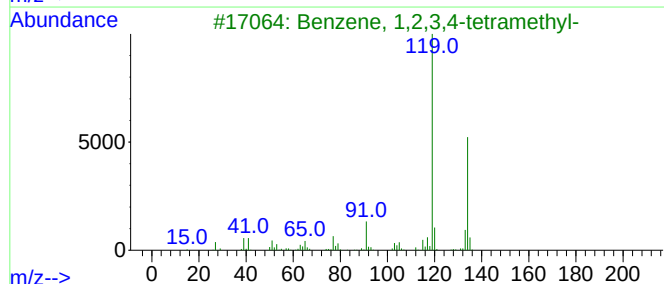
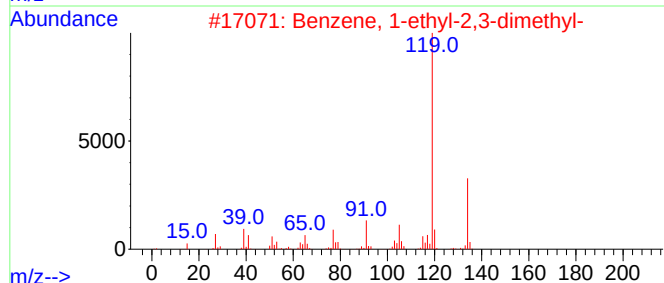
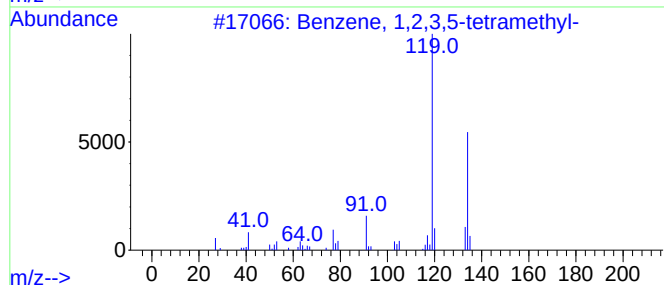
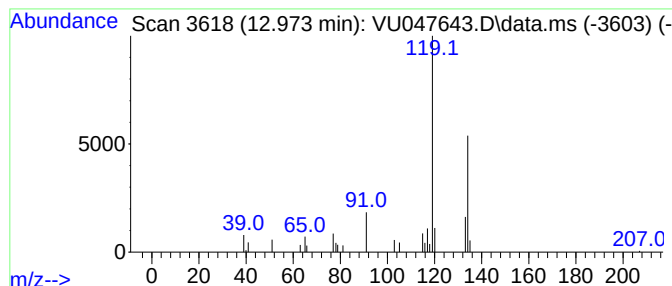
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	3.61 ug/L	18921	1,4-Dichlorobenzene-d4	11.812

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X1

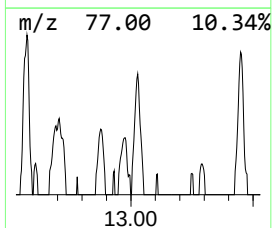
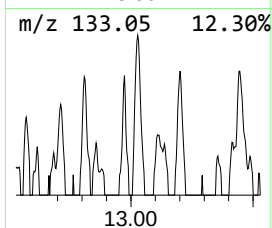
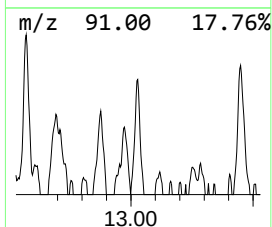
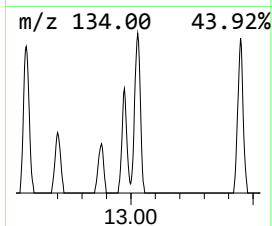
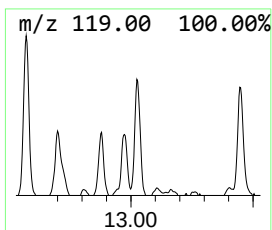
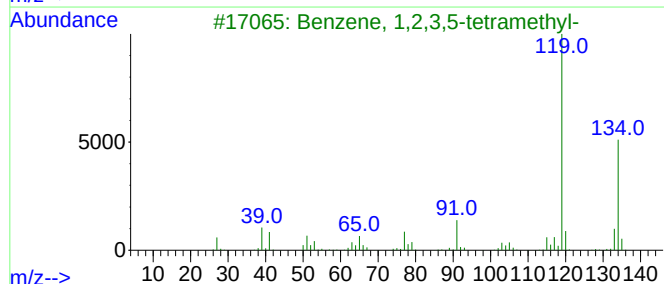
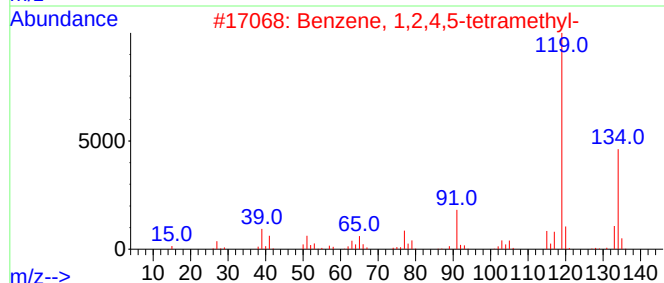
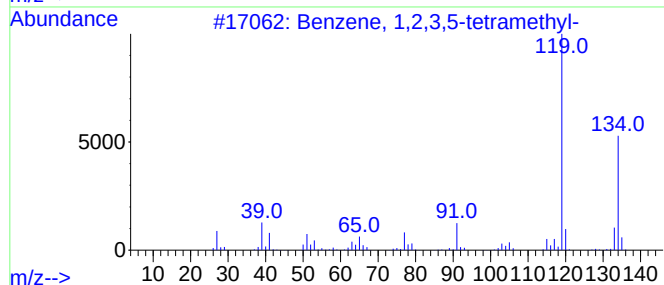
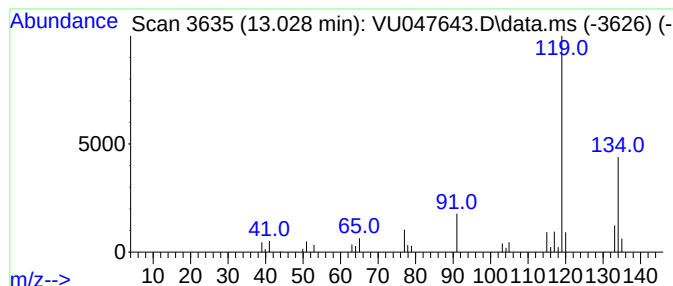
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	5.60 ug/L	29335	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X1

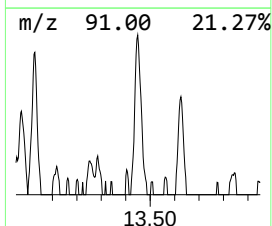
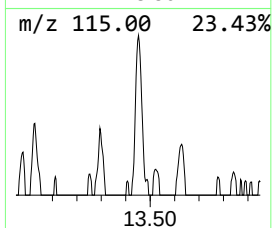
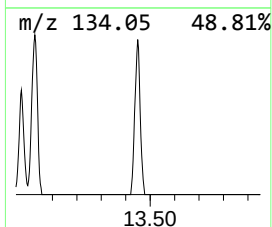
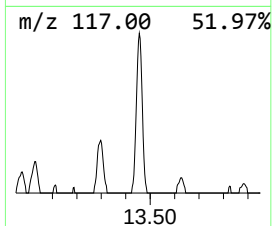
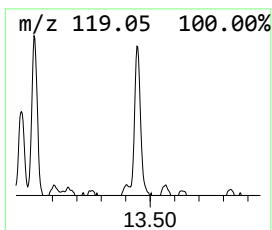
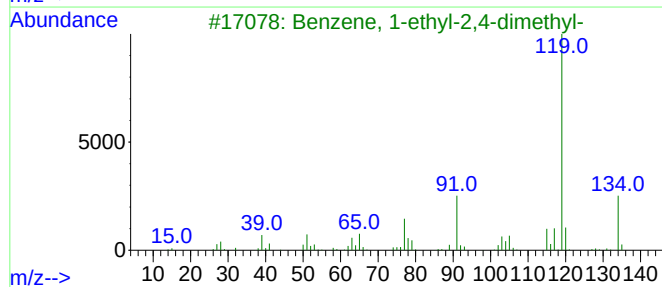
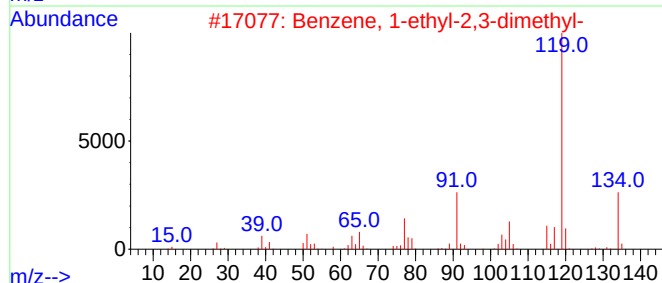
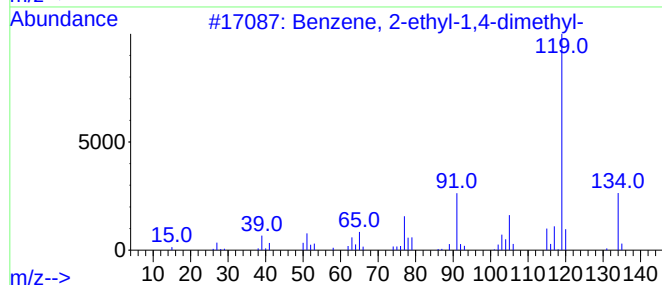
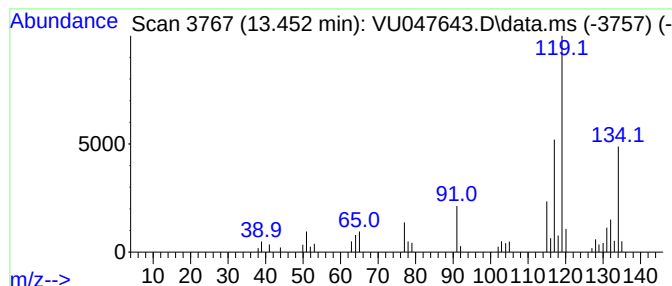
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	8.45 ug/L	44259	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047643.D
Acq On : 24 Mar 2022 19:38
Operator : SY/MD
Sample : N2081-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X1

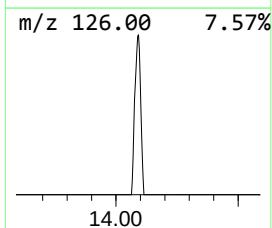
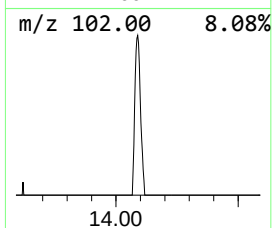
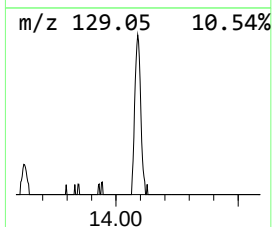
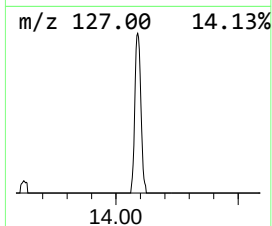
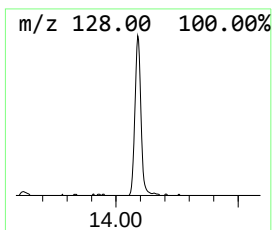
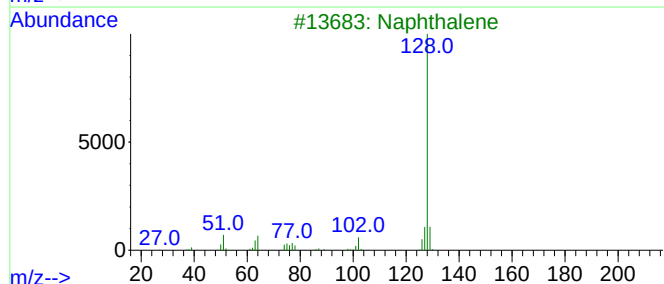
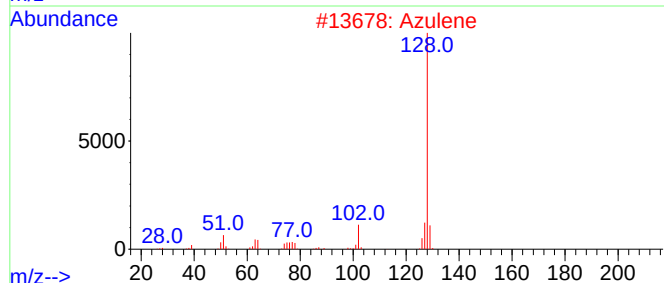
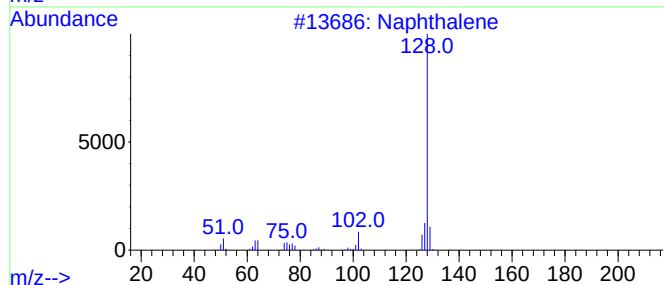
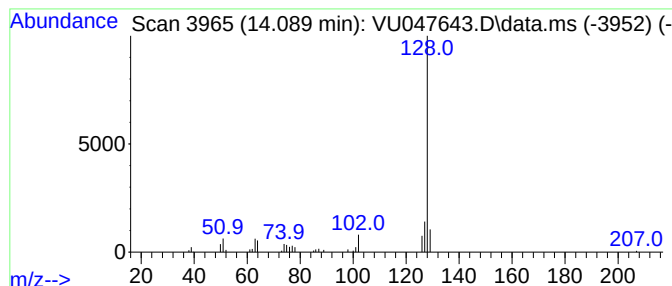
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Quant Title : VOC Analysis

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

Peak Number 19 Azulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.089	9.73 ug/L	50963	1,4-Dichlorobenzene-d4	11.812

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047643.D
 Acq On : 24 Mar 2022 19:38
 Operator : SY/MD
 Sample : N2081-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.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
(DEL) Alkane: S...	5.903	3.5	ug/L	10177	1	6.253	143153	50.0
Acetamide, 2-ph...	10.903	14.7	ug/L	76917	3	11.812	261950	50.0
Benzene, 1-ethy...	10.999	40.2	ug/L	210408	3	11.812	261950	50.0
Benzene, 1-ethy...	11.292	27.2	ug/L	142518	3	11.812	261950	50.0
Benzene, 1-meth...	11.642	3.7	ug/L	19615	3	11.812	261950	50.0
p-Cymene	11.745	5.4	ug/L	28385	3	11.812	261950	50.0
Benzene, 1,2,3-...	11.896	38.9	ug/L	203670	3	11.812	261950	50.0
Benzene, 1-ethe...	12.095	21.7	ug/L	113702	3	11.812	261950	50.0
Benzene, 1-meth...	12.378	4.5	ug/L	23584	3	11.812	261950	50.0
Benzene, 2-ethy...	12.472	5.5	ug/L	28611	3	11.812	261950	50.0
Benzene, 1-ethy...	12.571	7.1	ug/L	37187	3	11.812	261950	50.0
(E)-1-Phenyl-1-...	12.687	7.6	ug/L	39715	3	11.812	261950	50.0
Benzene, 4-ethy...	12.877	3.2	ug/L	16730	3	11.812	261950	50.0
Benzene, 1,2,3,...	12.973	3.6	ug/L	18921	3	11.812	261950	50.0
Benzene, 1,2,4,...	13.028	5.6	ug/L	29335	3	11.812	261950	50.0
Benzene, 1-ethy...	13.452	8.4	ug/L	44259	3	11.812	261950	50.0
Azulene	14.089	9.7	ug/L	50963	3	11.812	261950	50.0