

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047710.D
 Acq On : 26 Mar 2022 15:42
 Operator : SY/MD
 Sample : N2081-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X5

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: VU047710.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	74	82	105	rVB2	347972	438529	8.35%	1.324%
2	1.919	171	180	182	rBV	82521	94049	1.79%	0.284%
3	2.572	371	383	401	rBV2	192104	353080	6.72%	1.066%
4	3.054	525	533	538	rVV4	1368	2003	0.04%	0.006%
5	3.093	538	545	553	rVB6	1102	1641	0.03%	0.005%
6	3.359	615	628	644	rBV3	19837	40402	0.77%	0.122%
7	3.703	725	735	747	rBV6	4313	8562	0.16%	0.026%
8	3.874	768	788	820	rBV	726921	1725126	32.84%	5.210%
9	4.536	982	994	1009	rVB5	3181	7375	0.14%	0.022%
10	4.668	1012	1035	1080	rBV	1633351	3901104	74.27%	11.781%
11	5.067	1144	1159	1180	rBV	169770	373200	7.10%	1.127%
12	5.321	1218	1238	1255	rBV	583933	1320068	25.13%	3.987%
13	5.594	1318	1323	1331	rVB5	1328	2033	0.04%	0.006%
14	5.726	1343	1364	1381	rBV2	328296	901415	17.16%	2.722%
15	6.137	1478	1492	1501	rBV7	2135	4763	0.09%	0.014%
16	6.250	1512	1527	1553	rBV	376986	717627	13.66%	2.167%
17	6.546	1605	1619	1639	rVB	98328	186993	3.56%	0.565%
18	6.694	1650	1665	1678	rBV	210101	414017	7.88%	1.250%
19	6.764	1679	1687	1703	rVB2	33533	66449	1.27%	0.201%
20	7.189	1813	1819	1824	rBV4	1363	1557	0.03%	0.005%
21	7.234	1828	1833	1835	rBV4	1508	1437	0.03%	0.004%
22	7.568	1924	1937	1954	rBV	119188	212516	4.05%	0.642%
23	7.796	1999	2008	2017	rBV3	4639	8609	0.16%	0.026%
24	7.854	2018	2026	2028	rBV4	11051	12886	0.25%	0.039%
25	7.899	2029	2040	2052	rVV	414127	718054	13.67%	2.169%
26	7.970	2052	2062	2074	rVB	125702	214323	4.08%	0.647%
27	8.128	2106	2111	2117	rVB5	1758	2002	0.04%	0.006%
28	8.179	2117	2127	2139	rBV	85294	141835	2.70%	0.428%
29	8.243	2140	2147	2157	rVB4	12992	22027	0.42%	0.067%
30	8.369	2177	2186	2194	rBV5	6238	11170	0.21%	0.034%
31	8.475	2210	2219	2229	rVB3	3710	6571	0.13%	0.020%
32	8.552	2229	2243	2257	rBV	295282	502300	9.56%	1.517%
33	8.636	2258	2269	2297	rVV	345962	649487	12.36%	1.961%
34	8.809	2315	2323	2331	rBV6	6059	9947	0.19%	0.030%
35	8.864	2332	2340	2350	rVB	22545	35336	0.67%	0.107%
36	8.925	2350	2359	2368	rBV4	9789	15055	0.29%	0.045%

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

37	9.163	2426	2433	2441	rBV5	2832	4122	0.08%	0.012%
38	9.417	2498	2512	2532	rBV	571057	943152	17.96%	2.848%
39	9.510	2534	2541	2549	rVB3	9060	13747	0.26%	0.042%
40	9.571	2549	2560	2573	rBV	215276	342681	6.52%	1.035%
41	9.694	2585	2598	2614	rBV	222511	380825	7.25%	1.150%
42	9.886	2651	2658	2674	rVB7	4261	7538	0.14%	0.023%
43	10.034	2692	2704	2711	rBV4	6612	13429	0.26%	0.041%
44	10.102	2712	2725	2756	rVB	249754	420784	8.01%	1.271%
45	10.237	2757	2767	2770	rBV7	3723	6001	0.11%	0.018%
46	10.272	2770	2778	2791	rVB4	23824	40419	0.77%	0.122%
47	10.362	2793	2806	2825	rVB6	11058	22799	0.43%	0.069%
48	10.484	2833	2844	2858	rBV	72661	113891	2.17%	0.344%
49	10.571	2867	2871	2879	rVB3	3382	4280	0.08%	0.013%
50	10.645	2886	2894	2898	rBV5	1443	2314	0.04%	0.007%
51	10.697	2898	2910	2918	rBV5	11127	20057	0.38%	0.061%
52	10.758	2918	2929	2941	rBV	356171	571635	10.88%	1.726%
53	10.906	2958	2975	2991	rBV	301621	477281	9.09%	1.441%
54	10.999	2992	3004	3009	rBV	307186	514633	9.80%	1.554%
55	11.089	3021	3032	3055	rVB	816639	1265833	24.10%	3.823%
56	11.234	3069	3077	3083	rBV4	3081	4489	0.09%	0.014%
57	11.292	3083	3095	3117	rVB	792728	1249039	23.78%	3.772%
58	11.420	3125	3135	3137	rBV2	9172	11204	0.21%	0.034%
59	11.468	3138	3150	3177	rVB	3457297	5252681	100.00%	15.863%
60	11.610	3182	3194	3198	rBV	40000	61292	1.17%	0.185%
61	11.642	3199	3204	3215	rVB	76771	113944	2.17%	0.344%
62	11.745	3225	3236	3244	rBV	109522	168215	3.20%	0.508%
63	11.812	3244	3257	3270	rVB	722554	1204280	22.93%	3.637%
64	11.893	3270	3282	3296	rBV	999775	1529329	29.12%	4.619%
65	12.009	3311	3318	3329	rVB2	21005	32667	0.62%	0.099%
66	12.095	3329	3345	3351	rBV2	386158	655253	12.47%	1.979%
67	12.192	3363	3375	3394	rVB3	822217	1490857	28.38%	4.502%
68	12.301	3400	3409	3422	rVB2	36775	59010	1.12%	0.178%
69	12.375	3422	3432	3446	rVB	123459	188586	3.59%	0.570%
70	12.468	3448	3461	3464	rBV	169563	261327	4.98%	0.789%
71	12.571	3482	3493	3501	rBV	244412	369787	7.04%	1.117%
72	12.613	3502	3506	3518	rVB	47440	66460	1.27%	0.201%
73	12.687	3518	3529	3548	rBV4	106782	288277	5.49%	0.871%
74	12.809	3561	3567	3576	rVB	16659	23622	0.45%	0.071%
75	12.877	3576	3588	3599	rVB2	92638	157049	2.99%	0.474%
76	12.973	3599	3618	3626	rBV	115259	195061	3.71%	0.589%

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 Title : VOC Analysis

77	13.028	3626	3635	3648	rVB	195675	302185	5.75%	0.913%
78	13.108	3650	3660	3667	rBV4	19484	35944	0.68%	0.109%
79	13.166	3675	3678	3684	rVB	5966	5477	0.10%	0.017%
80	13.198	3685	3688	3697	rVB2	6407	6802	0.13%	0.021%
81	13.253	3699	3705	3710	rBV4	12247	16911	0.32%	0.051%
82	13.291	3711	3717	3730	rVB2	37256	56947	1.08%	0.172%
83	13.349	3731	3735	3744	rVB3	9472	13043	0.25%	0.039%
84	13.407	3744	3753	3757	rBV5	16878	26709	0.51%	0.081%
85	13.449	3757	3766	3781	rVB3	207350	352334	6.71%	1.064%
86	13.558	3795	3800	3809	rVB	7700	9945	0.19%	0.030%
87	13.623	3811	3820	3837	rVB	69951	113572	2.16%	0.343%
88	13.735	3846	3855	3862	rBV7	8099	13480	0.26%	0.041%
89	13.787	3863	3871	3878	rVV3	8516	12695	0.24%	0.038%
90	13.838	3878	3887	3903	rVV6	20947	45498	0.87%	0.137%
91	14.086	3950	3964	3983	rBV	178518	301407	5.74%	0.910%
92	14.189	3990	3996	4009	rVB8	4183	7202	0.14%	0.022%
93	14.291	4021	4028	4036	rVB6	5297	8834	0.17%	0.027%
94	14.488	4083	4089	4095	rBV2	3149	3978	0.08%	0.012%
95	14.684	4137	4150	4160	rVB6	7648	16833	0.32%	0.051%
96	14.809	4184	4189	4199	rVB6	2269	2978	0.06%	0.009%
97	14.877	4203	4210	4218	rBV6	2064	3061	0.06%	0.009%
98	15.018	4247	4254	4262	rBV5	4871	7110	0.14%	0.021%
99	15.224	4308	4318	4330	rBV	28087	44993	0.86%	0.136%
100	15.410	4367	4376	4389	rBV	20813	33299	0.63%	0.101%

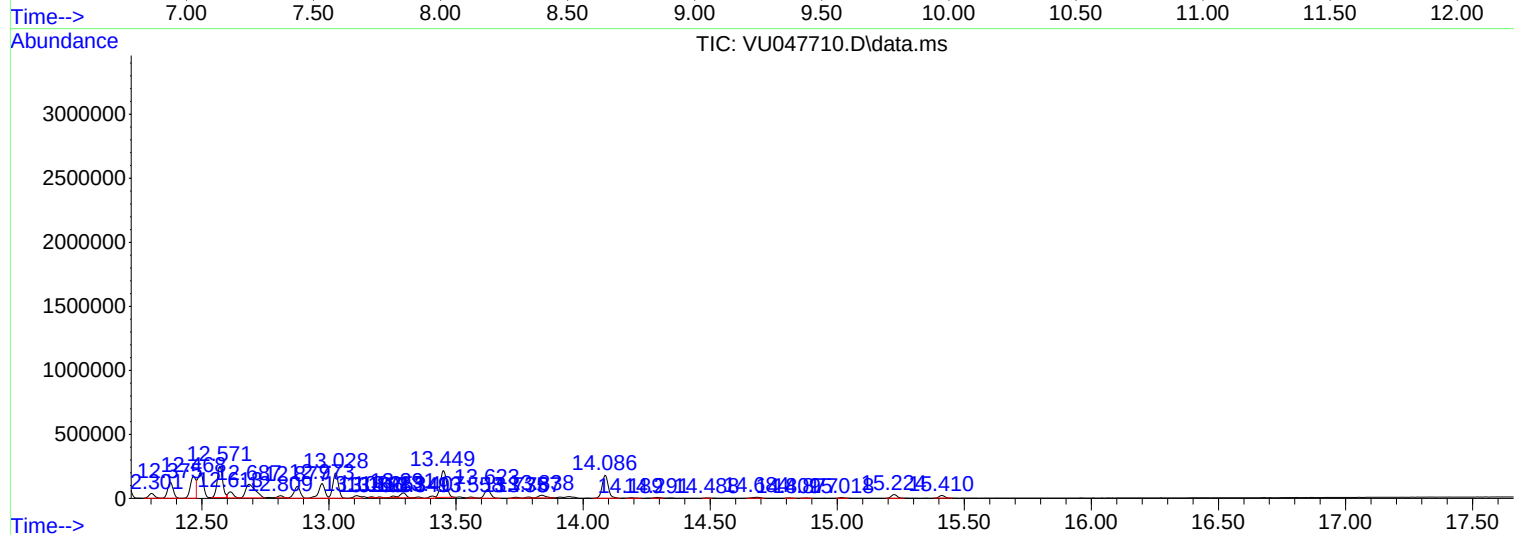
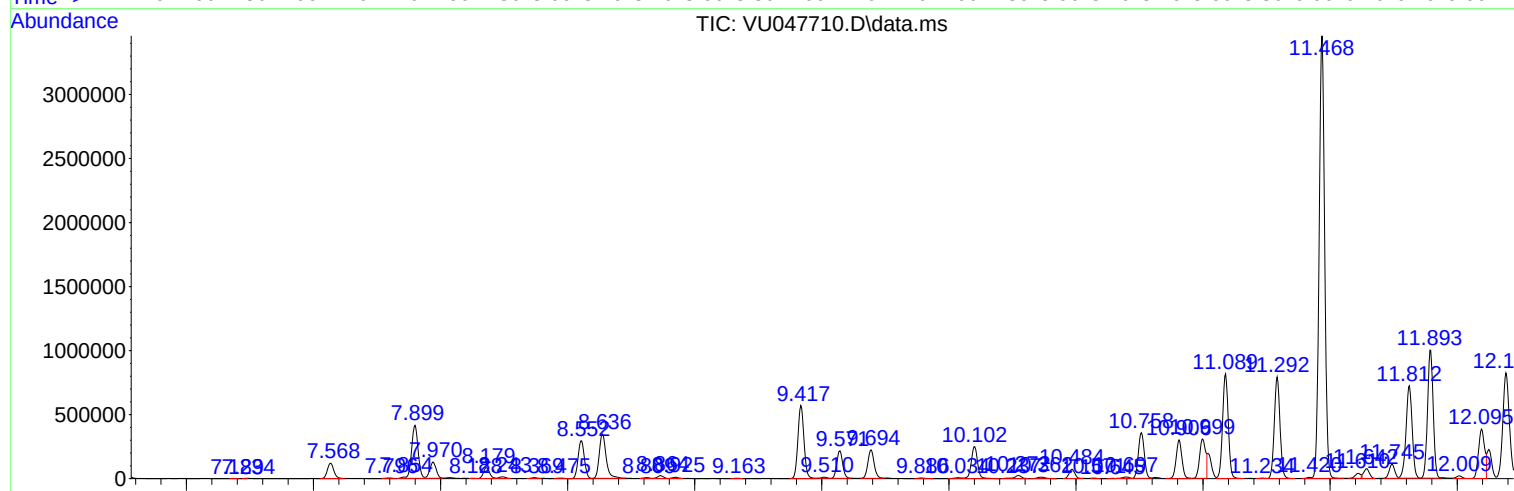
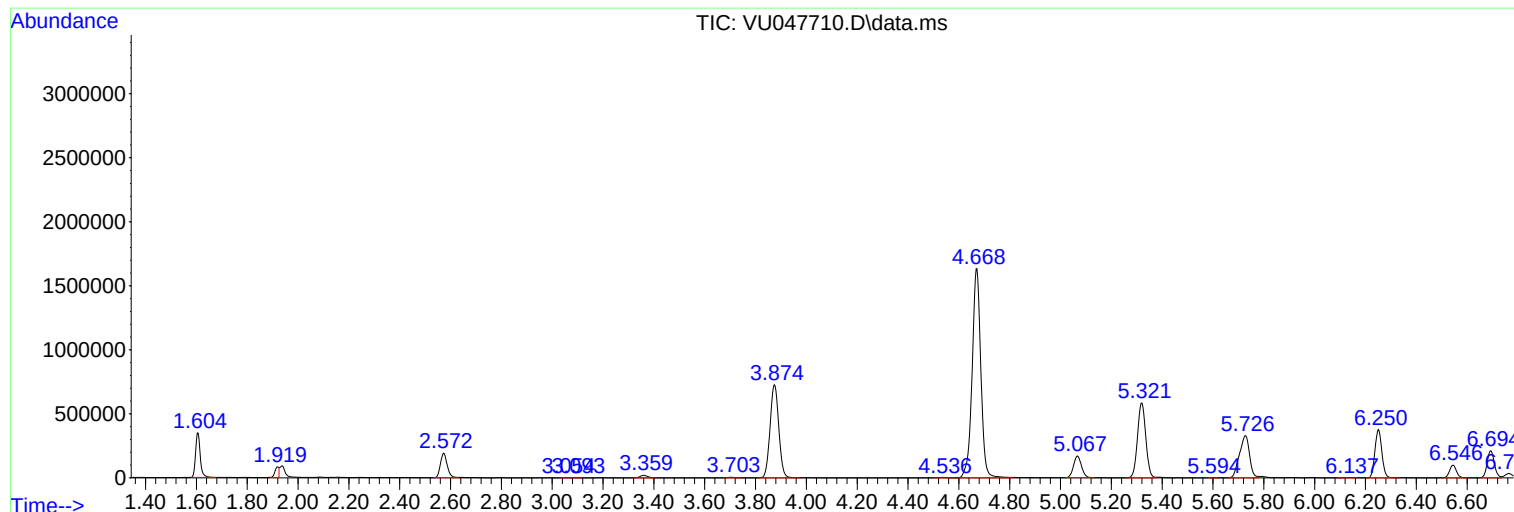
Sum of corrected areas: 33112635

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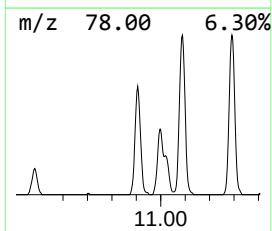
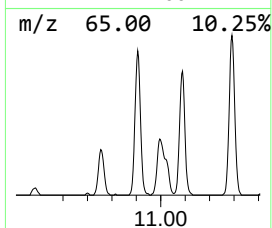
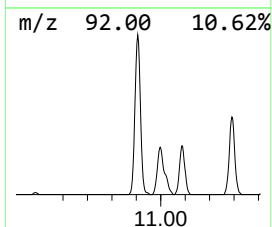
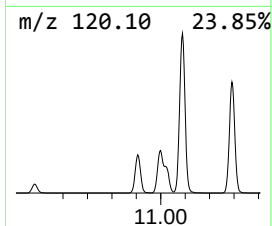
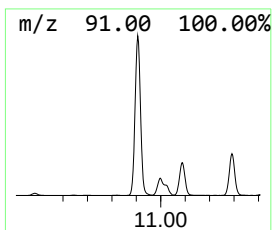
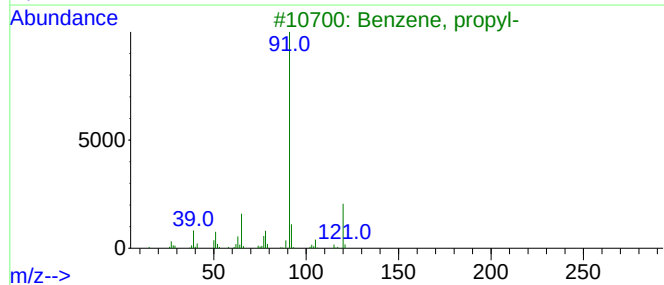
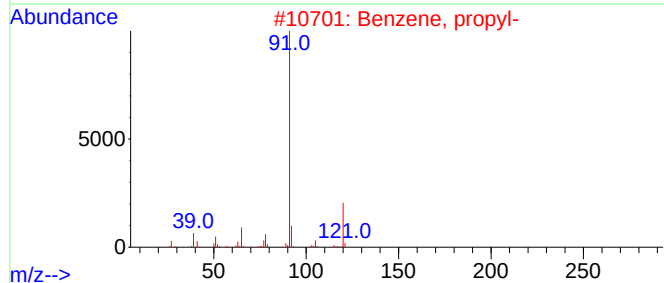
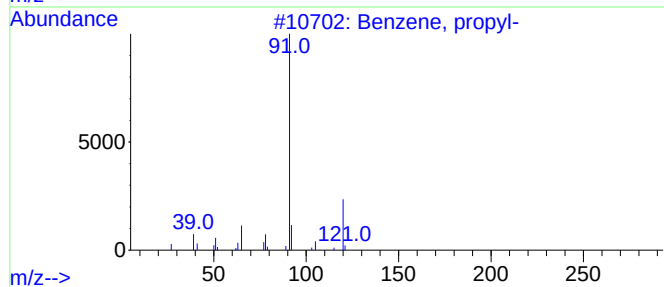
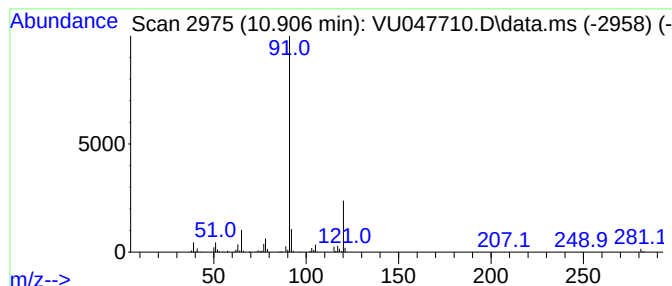
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	19.82 ug/L	477281	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	87
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			Benzene, propyl-	120	C9H12	000103-65-1	80
5			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64



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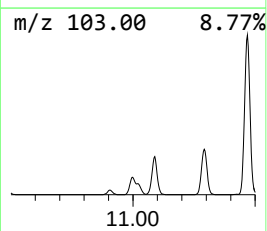
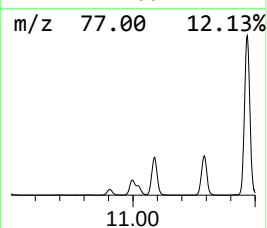
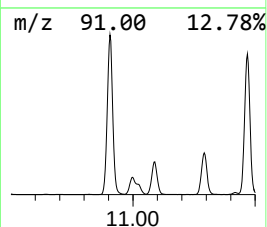
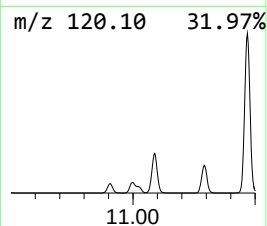
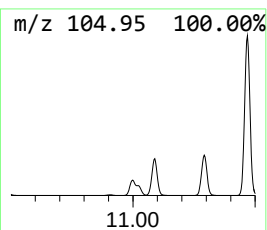
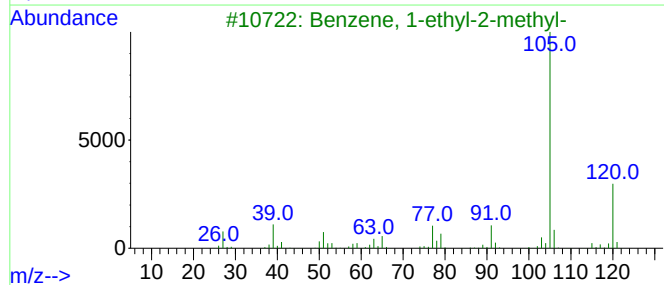
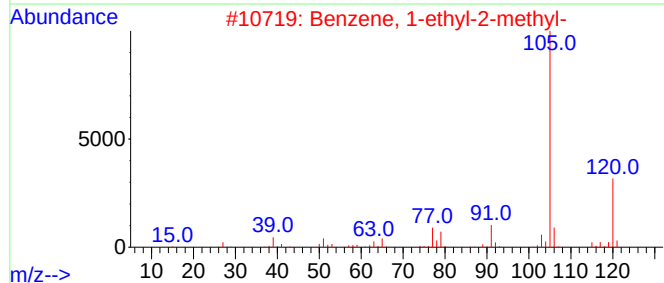
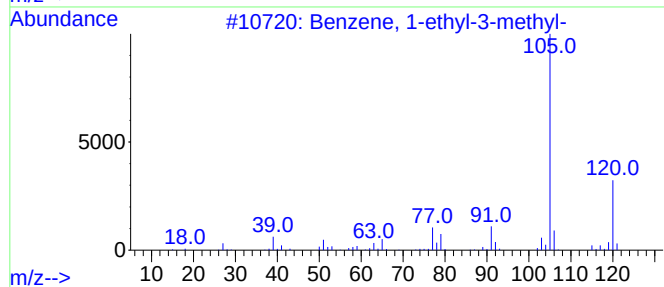
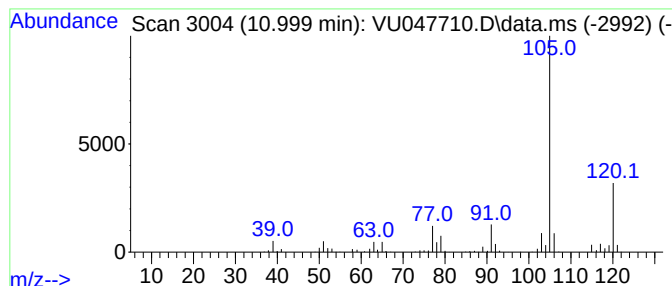
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	21.37 ug/L	514633	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	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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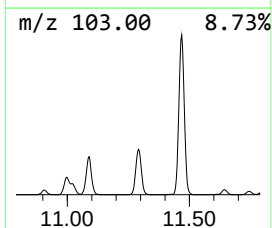
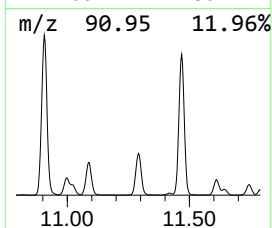
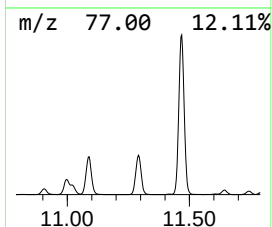
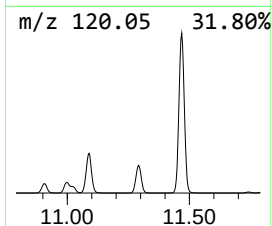
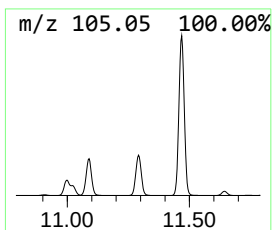
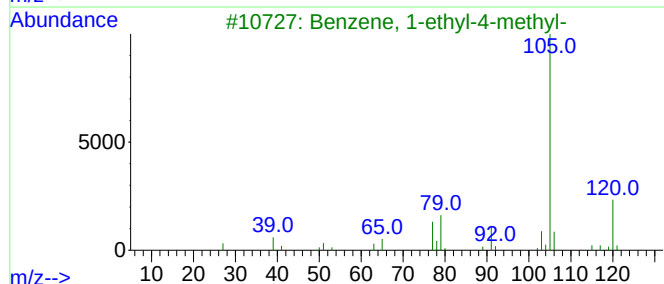
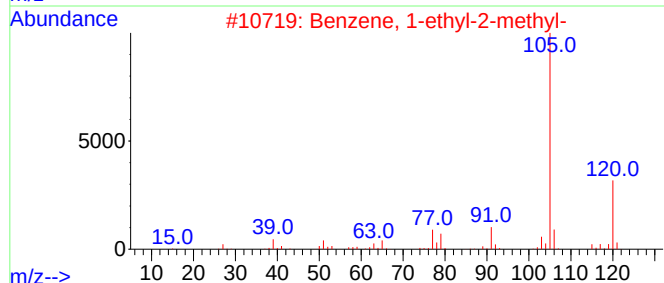
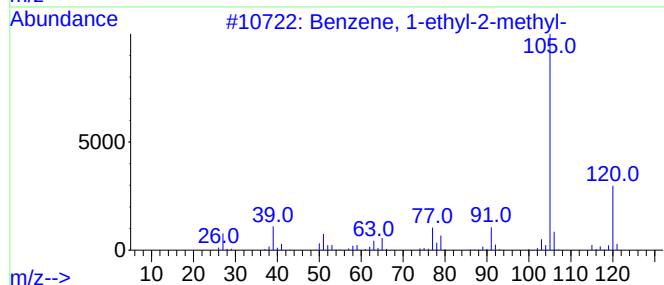
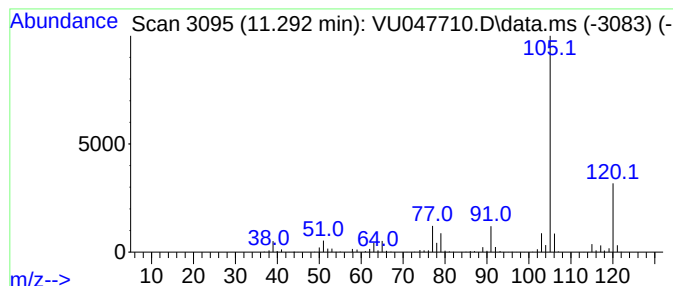
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	51.86 ug/L	1249040	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-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X5

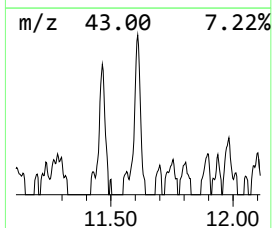
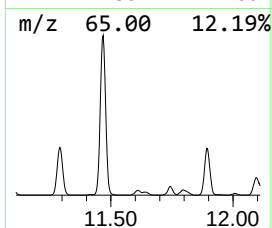
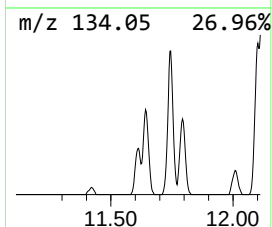
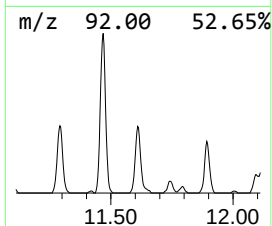
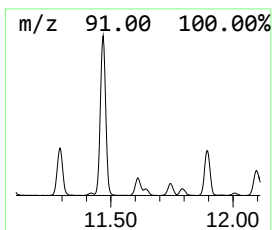
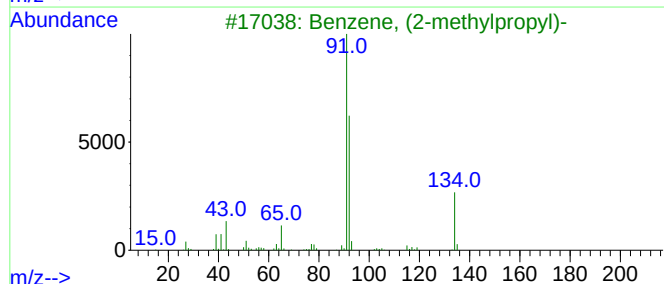
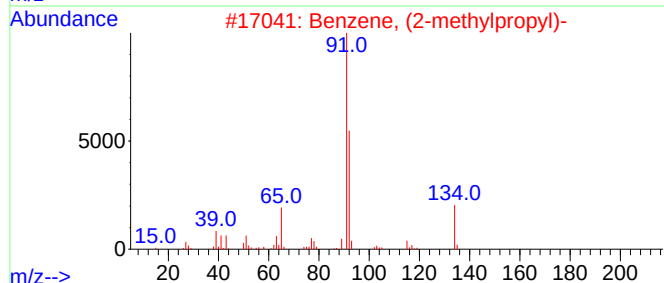
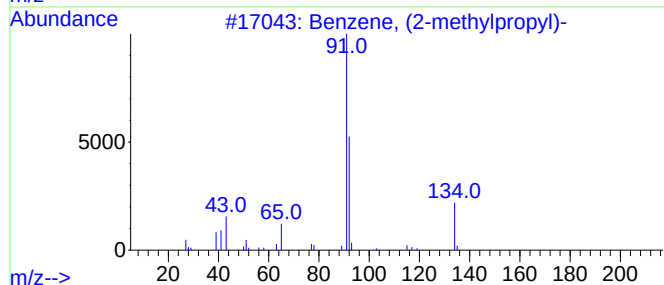
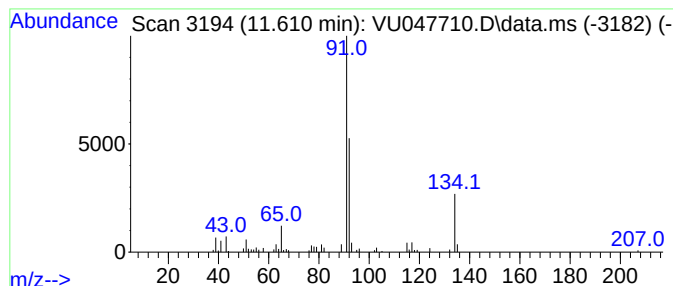
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, (2-methylpropyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	2.54 ug/L	61292	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
4			Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
5			Benzene, n-butyl-	134	C10H14	000104-51-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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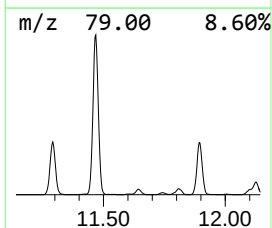
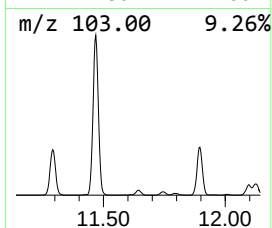
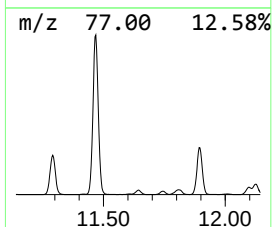
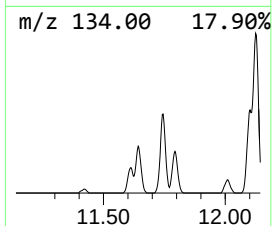
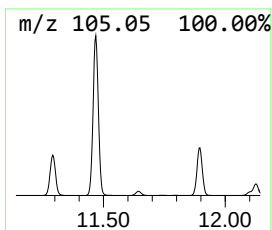
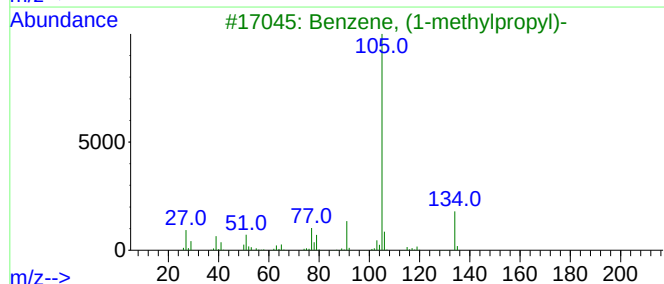
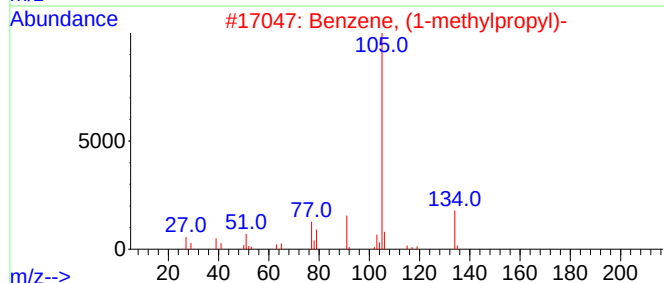
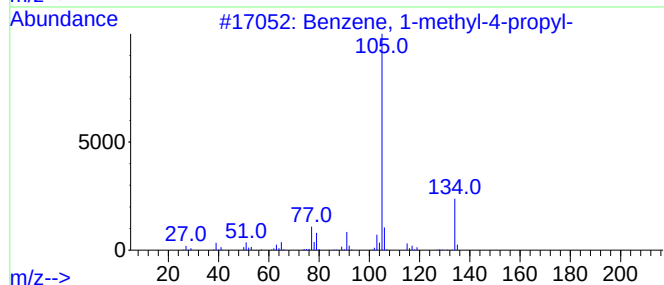
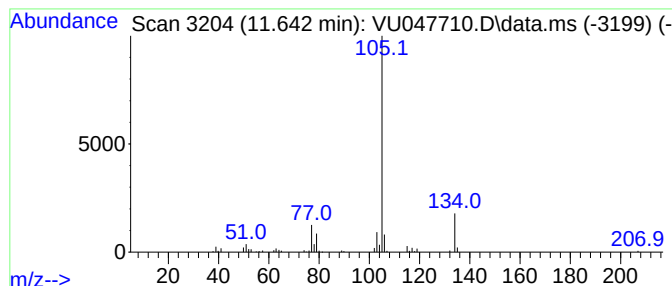
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.642	4.73 ug/L	113944	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	91
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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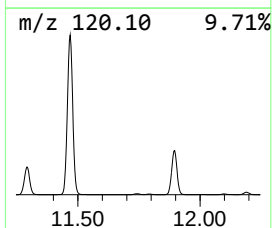
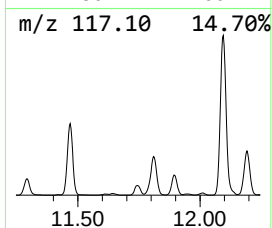
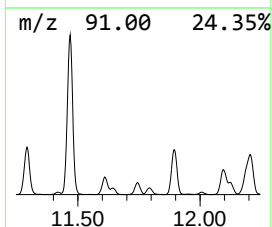
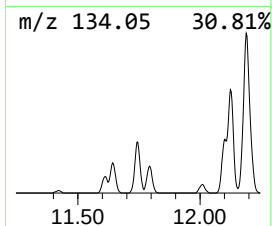
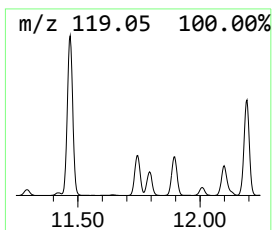
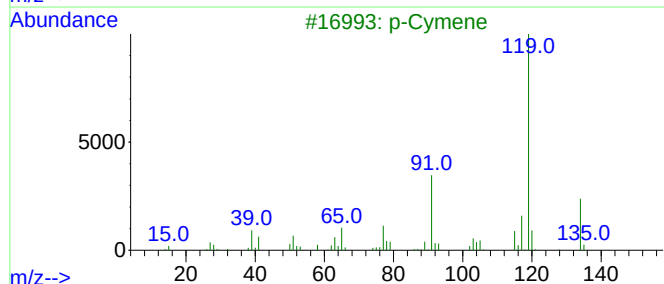
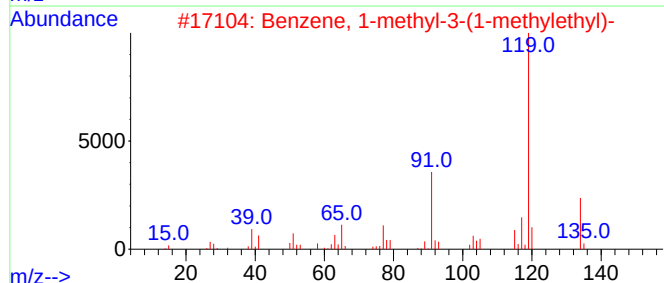
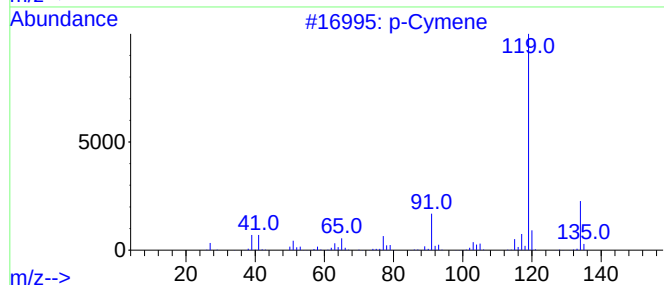
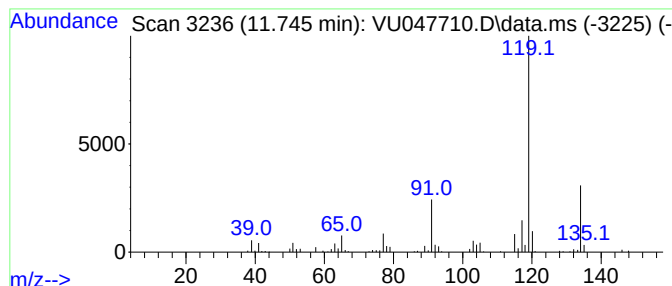
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Quant Title : VOC Analysis

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

Peak Number 7 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	6.98 ug/L	168215	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	97
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3			p-Cymene	134	C10H14	000099-87-6	95
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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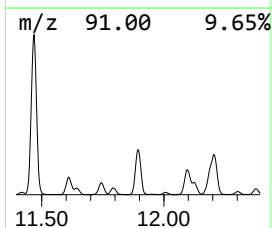
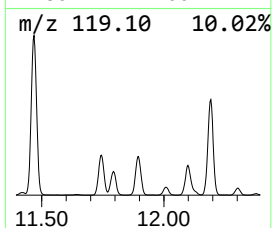
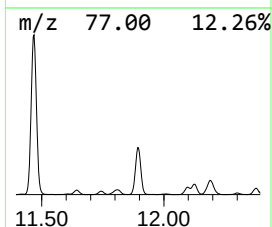
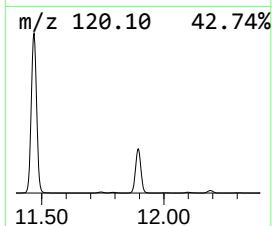
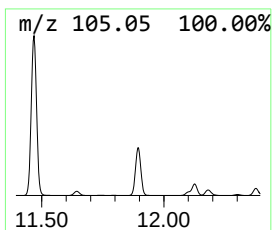
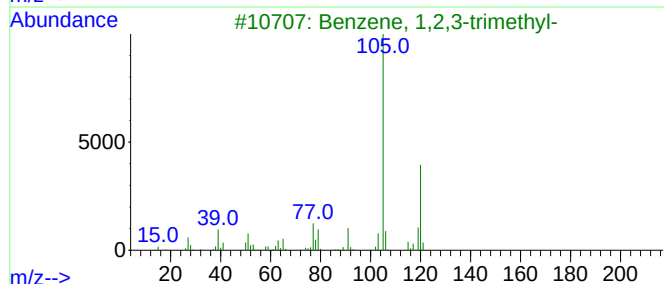
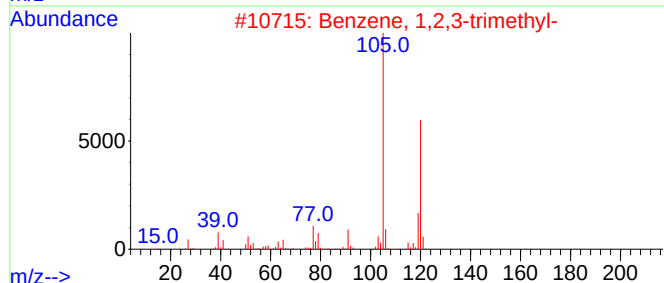
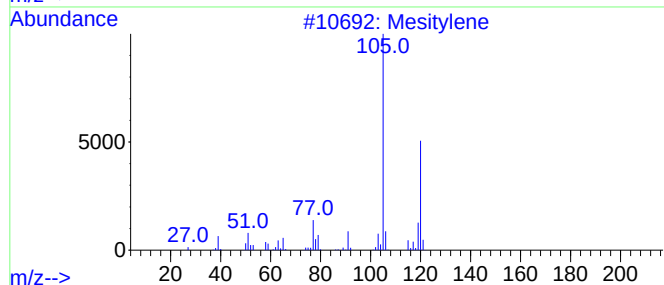
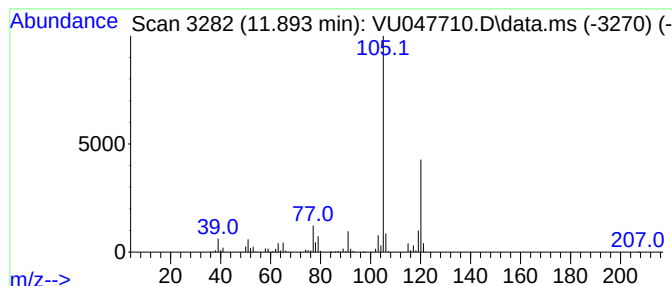
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	63.50 ug/L	1529330	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Mesitylene	120	C9H12	000108-67-8	93
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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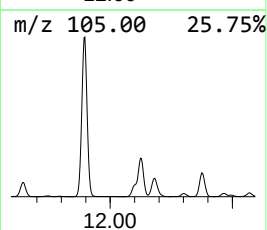
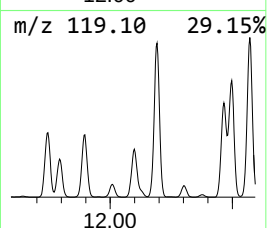
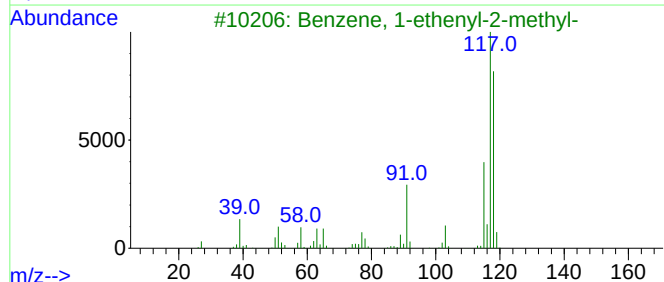
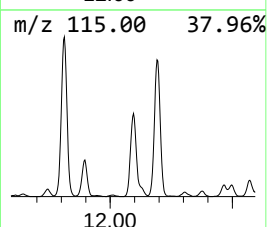
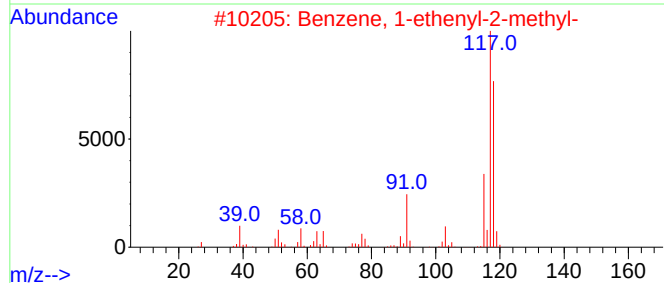
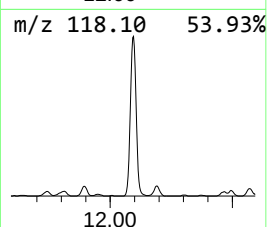
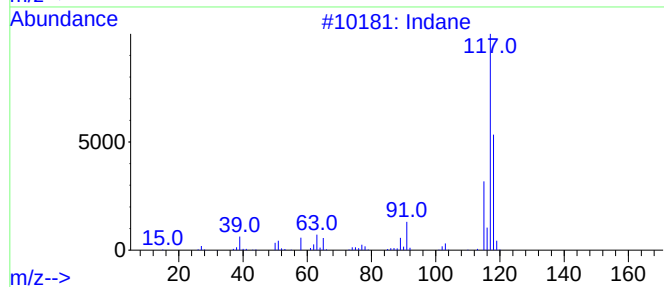
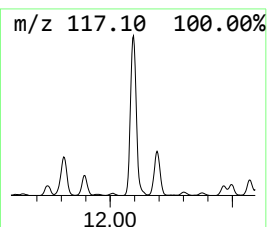
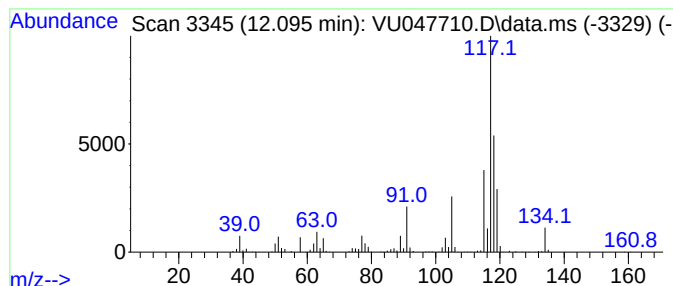
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Quant Title : VOC Analysis

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

Peak Number 9 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	27.21 ug/L	655253	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	92
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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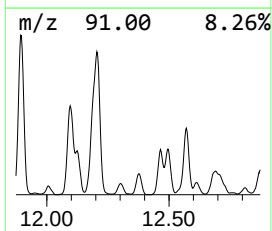
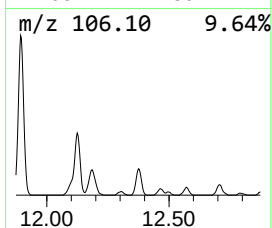
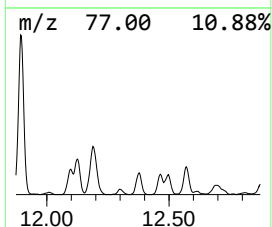
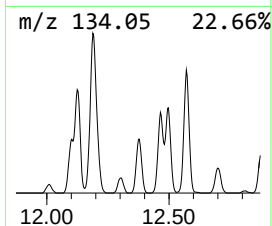
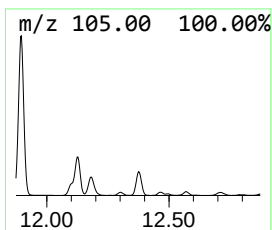
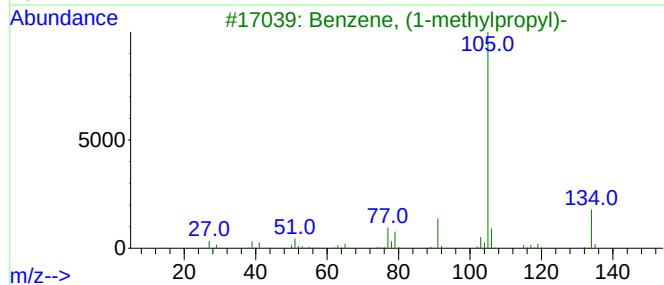
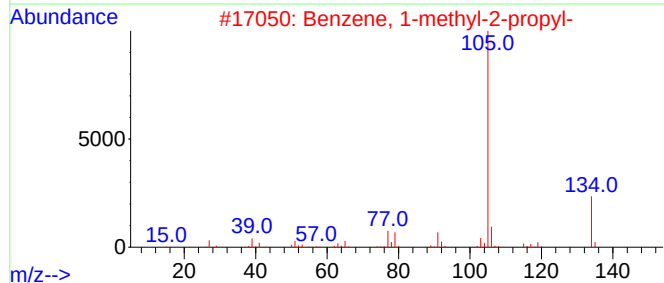
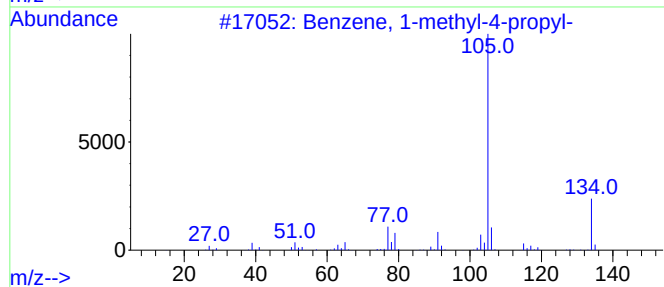
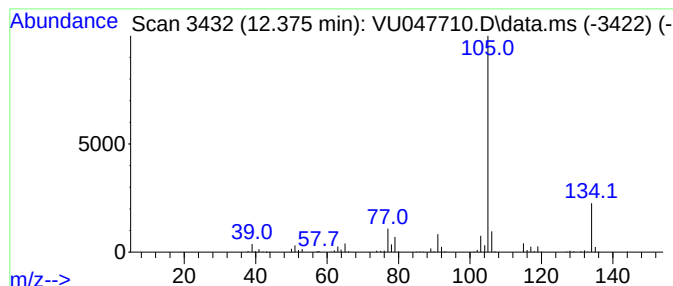
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-methyl-2-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	7.83 ug/L	188586	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	93
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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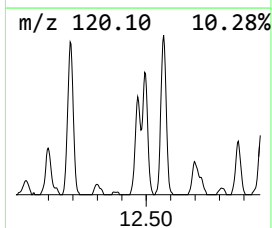
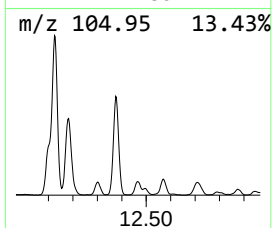
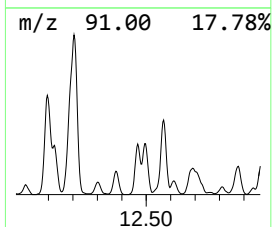
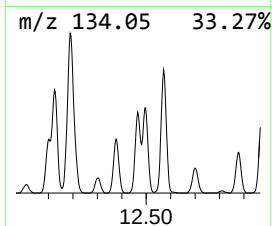
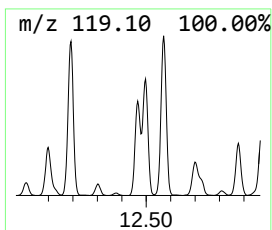
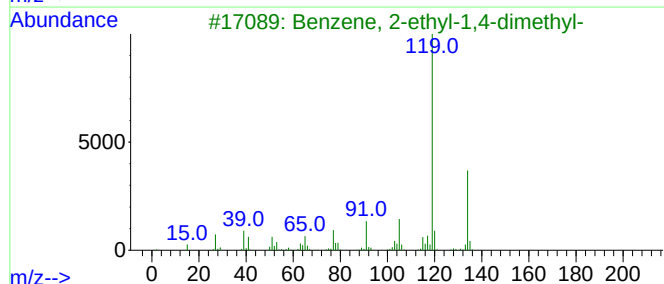
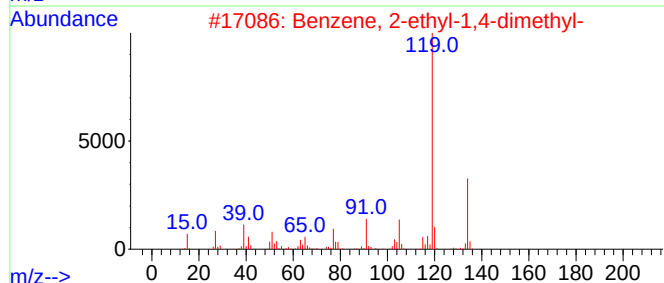
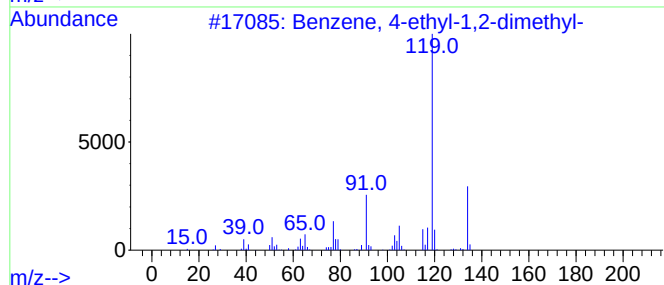
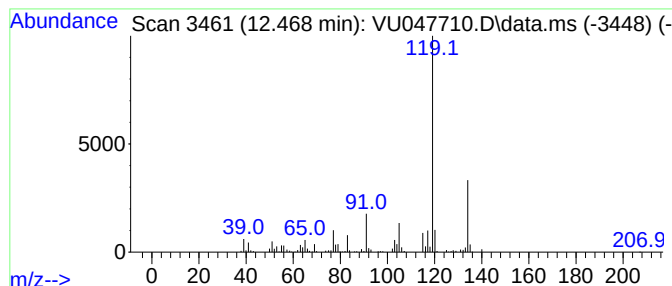
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	10.85 ug/L	261327	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	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X5

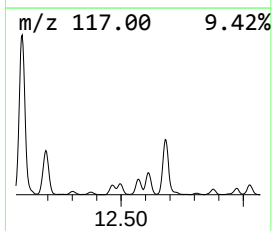
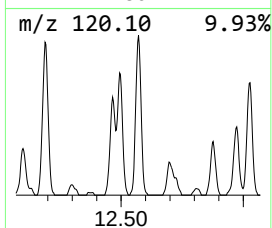
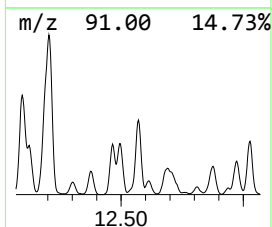
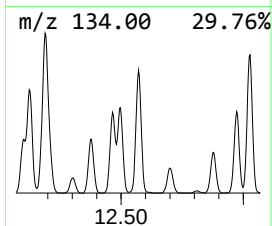
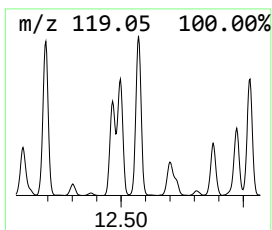
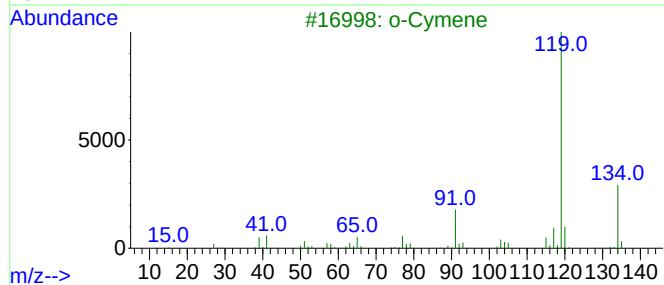
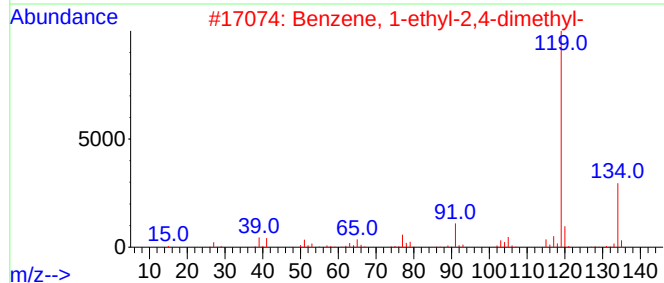
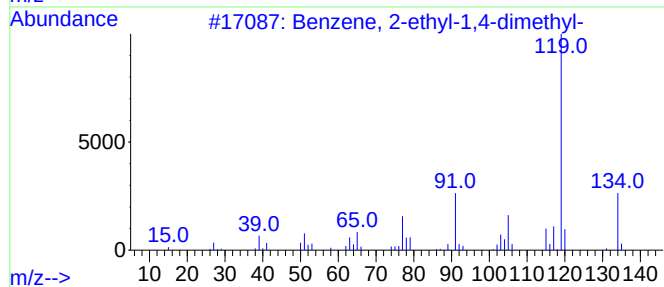
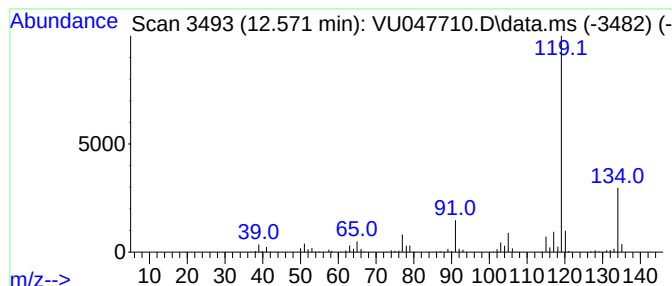
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	15.35 ug/L	369787	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	96
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X5

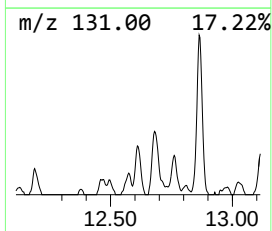
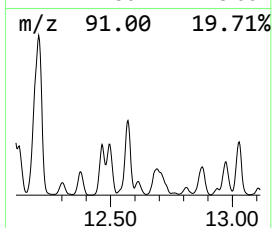
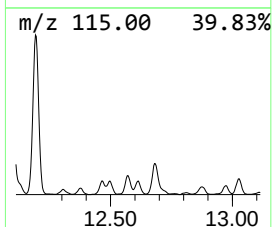
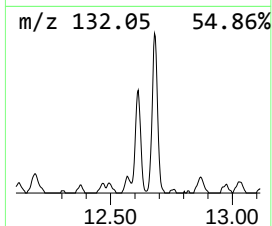
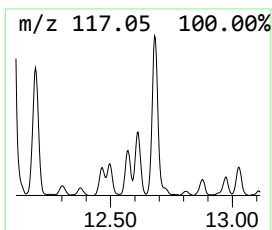
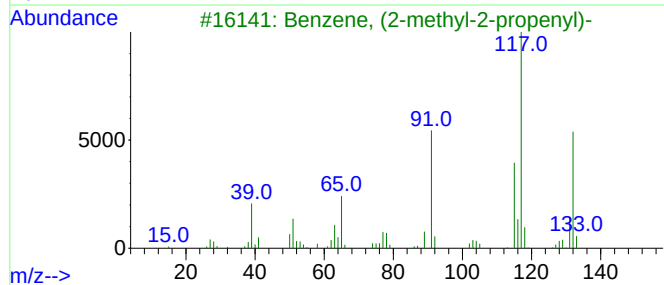
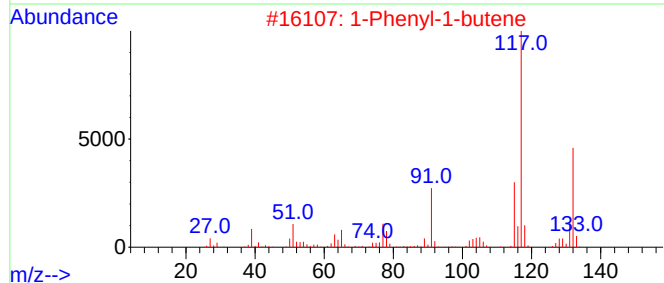
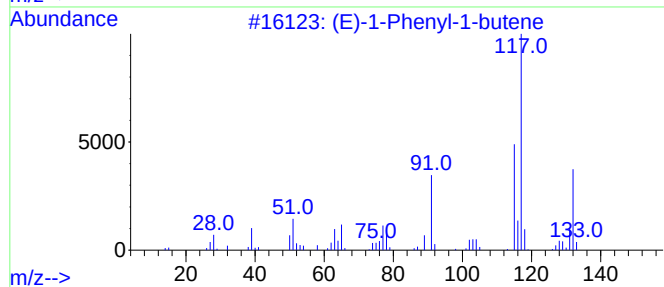
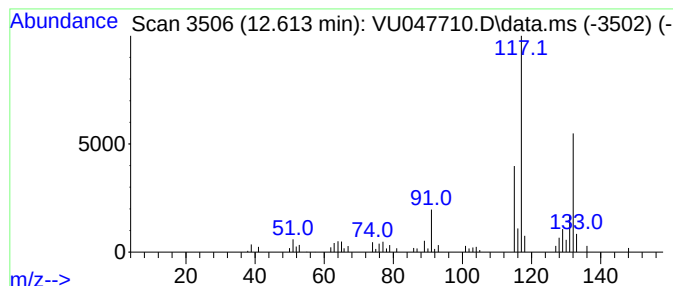
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Quant Title : VOC Analysis

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

Peak Number 13 (E)-1-Phenyl-1-butene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.613	2.76 ug/L	66460	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	90
2	1-Phenyl-1-butene			132	C10H12	000824-90-8	87
3	Benzene, (2-methyl-2-propenyl)-			132	C10H12	003290-53-7	87
4	Benzene, 2-ethenyl-1,4-dimethyl-			132	C10H12	002039-89-6	86
5	Benzene, (1-methylenepropyl)-			132	C10H12	002039-93-2	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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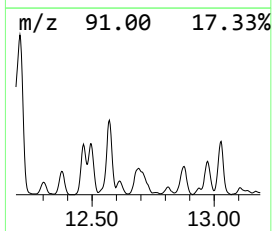
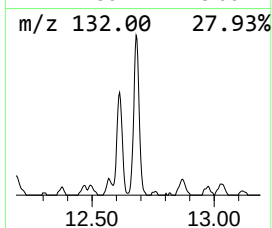
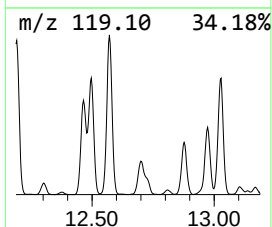
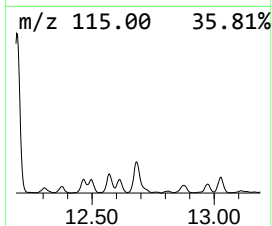
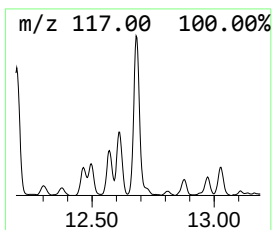
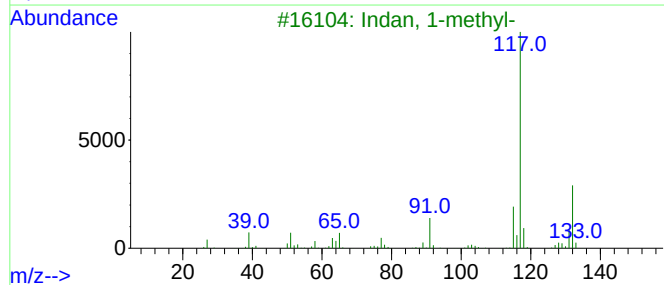
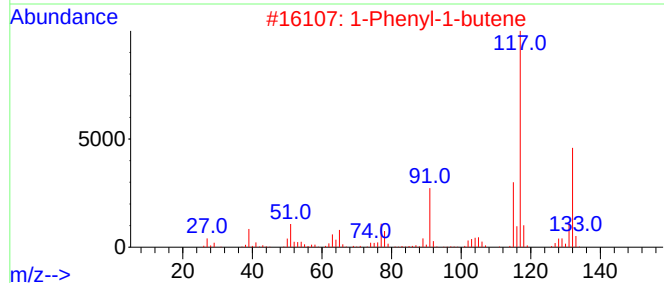
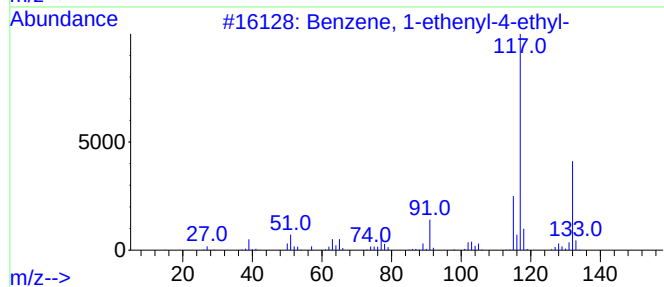
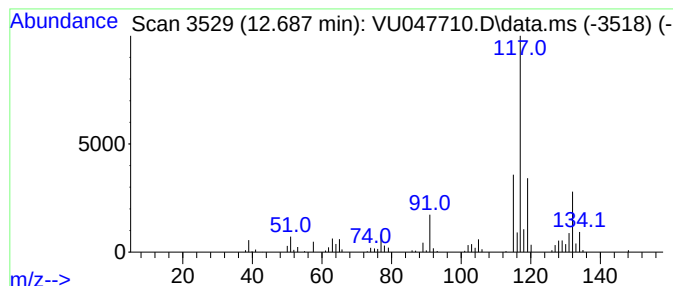
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	11.97 ug/L	288277	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	81
3			Indan, 1-methyl-	132	C10H12	000767-58-8	76
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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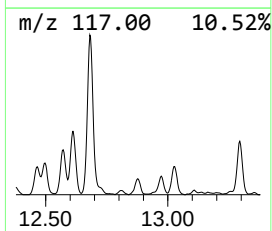
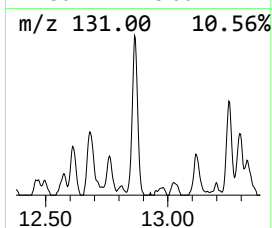
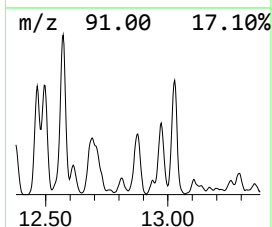
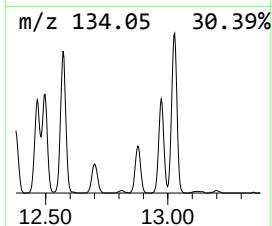
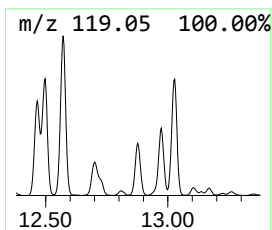
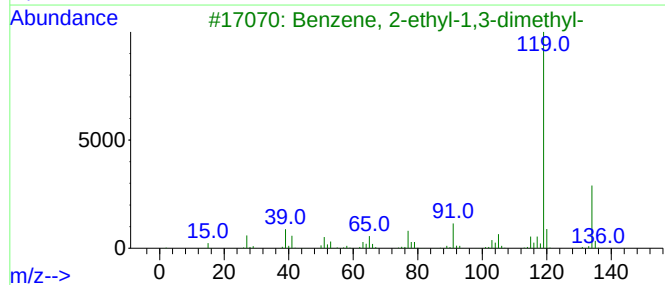
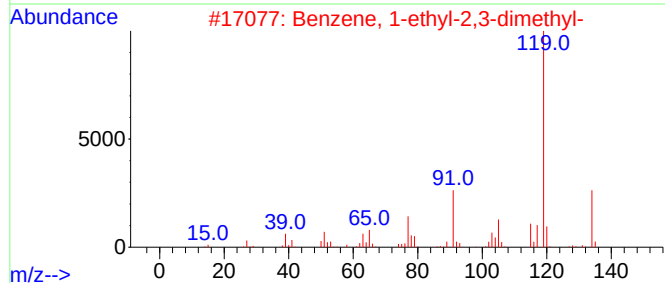
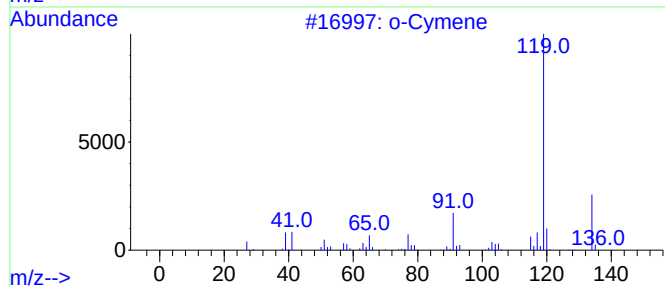
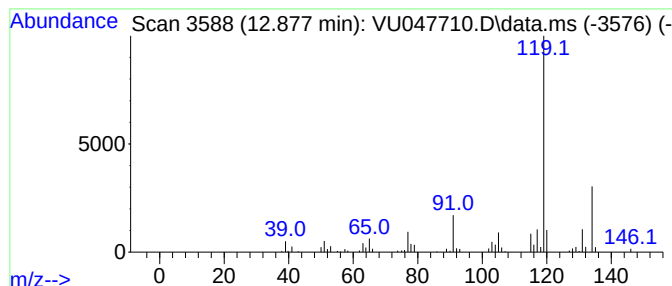
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Quant Title : VOC Analysis

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

Peak Number 15 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	6.52 ug/L	157049	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4			o-Cymene	134	C10H14	000527-84-4	93
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X5

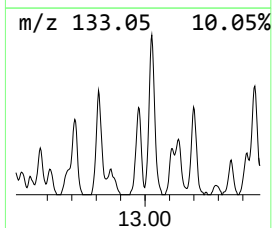
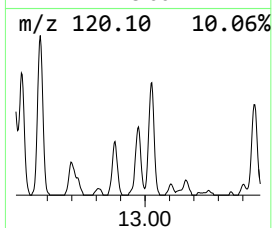
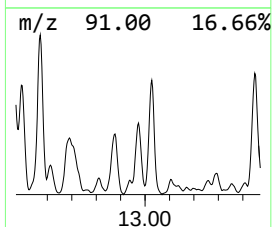
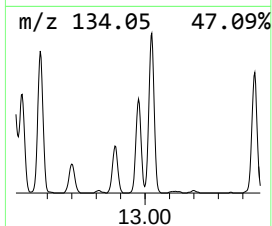
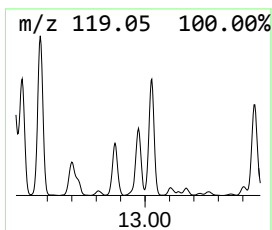
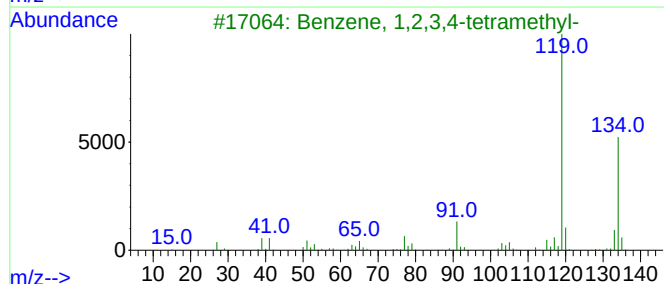
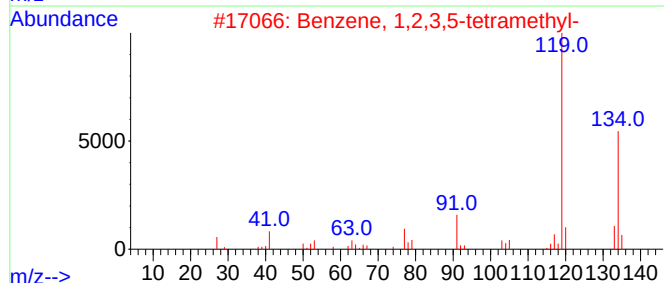
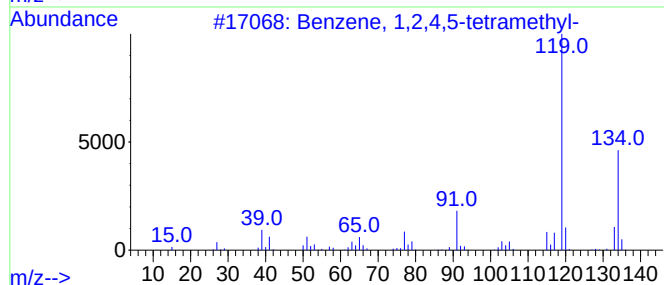
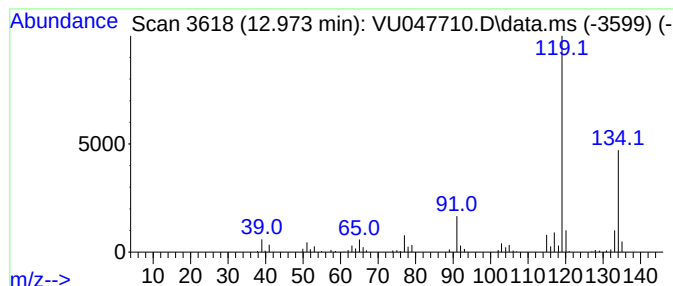
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	8.10 ug/L	195061	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X5

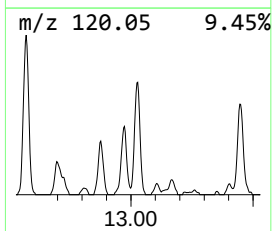
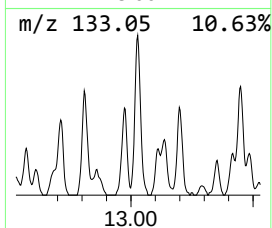
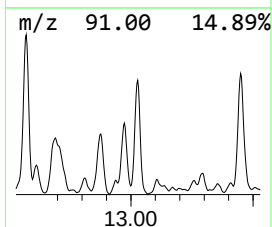
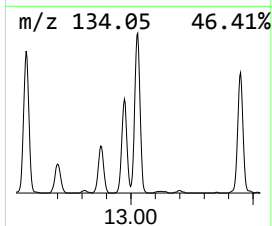
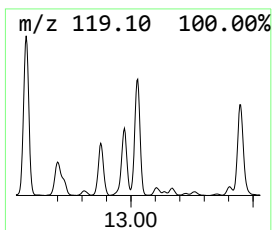
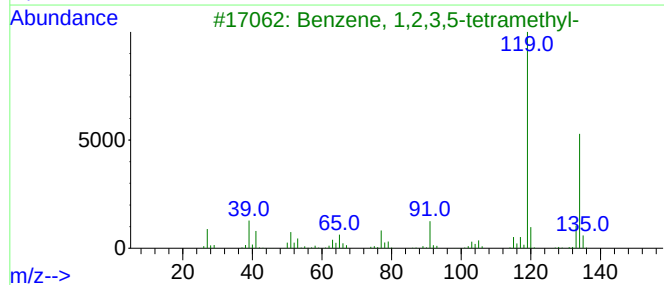
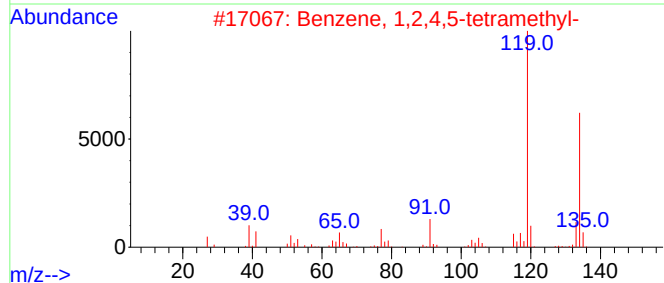
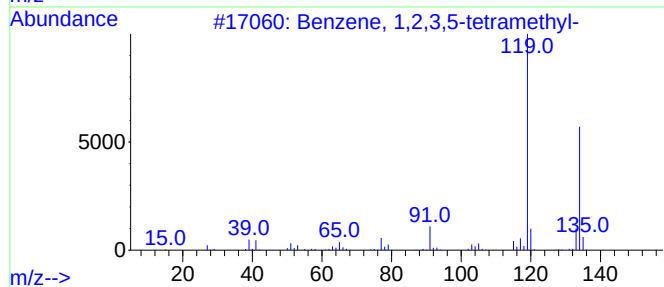
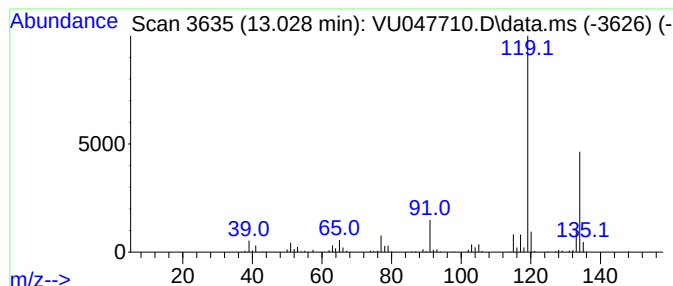
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	12.55 ug/L	302185	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	95
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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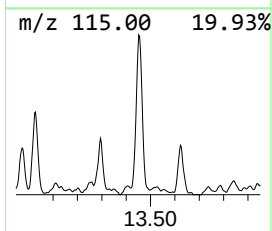
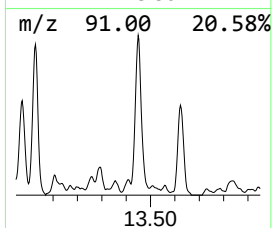
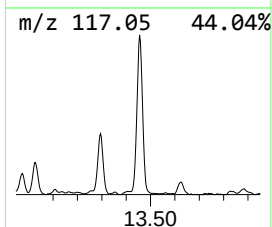
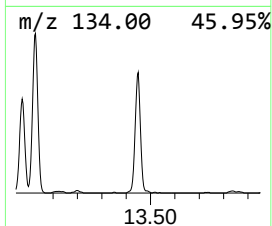
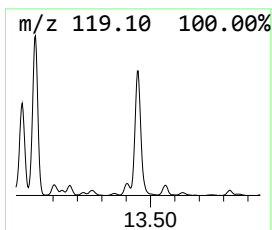
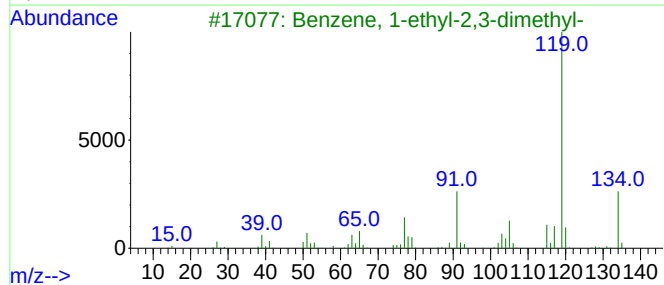
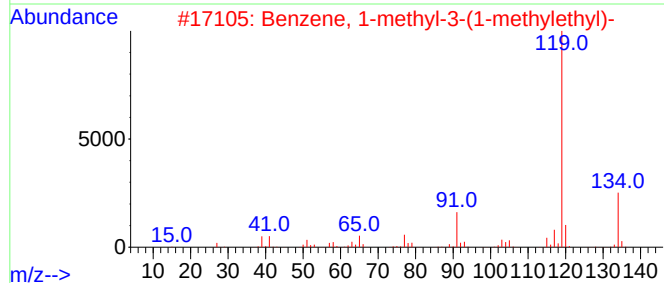
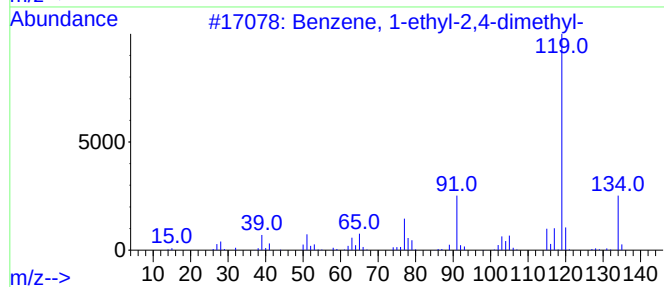
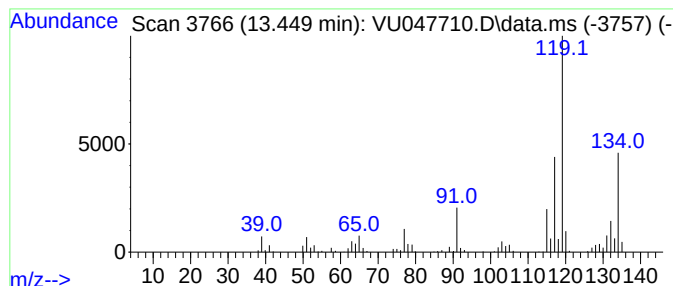
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	14.63 ug/L	352334	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	64
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	58
5			p-Cymene	134	C10H14	000099-87-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X5

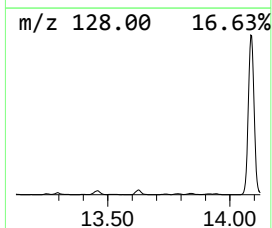
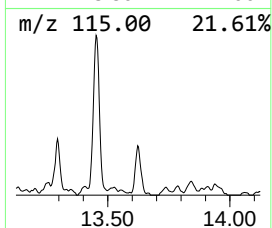
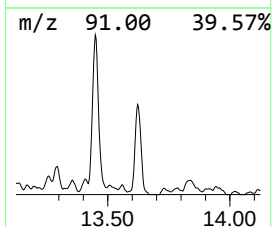
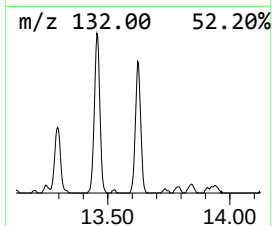
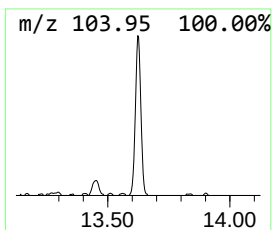
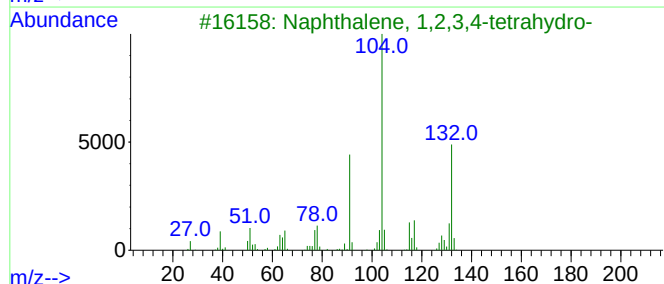
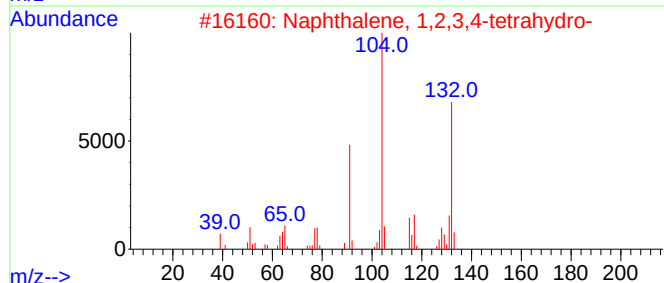
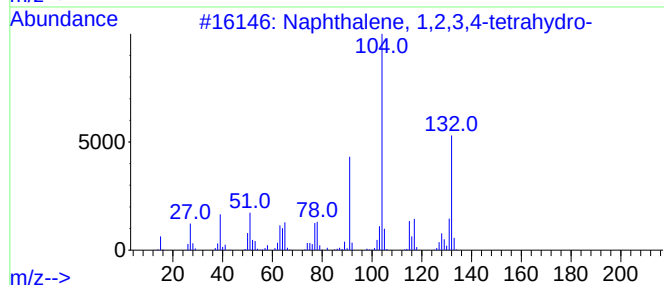
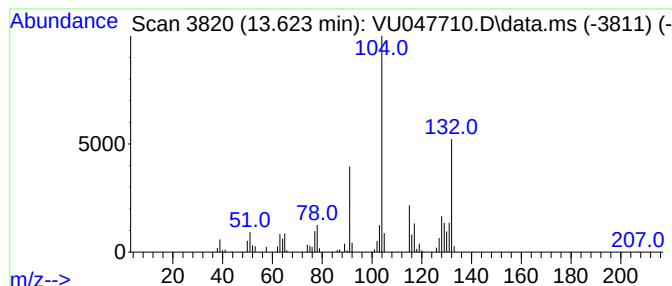
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Quant Title : VOC Analysis

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

Peak Number 19 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	4.72 ug/L	113572	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X5

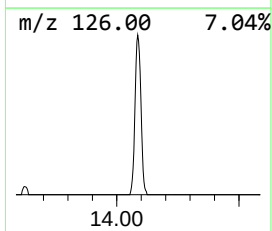
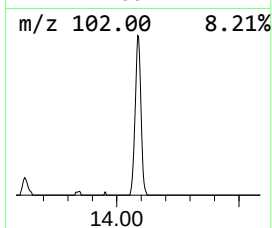
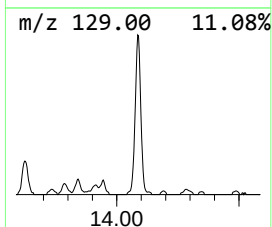
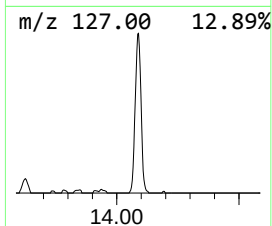
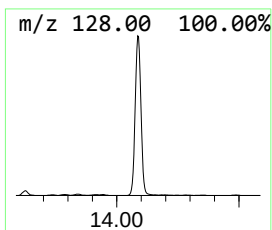
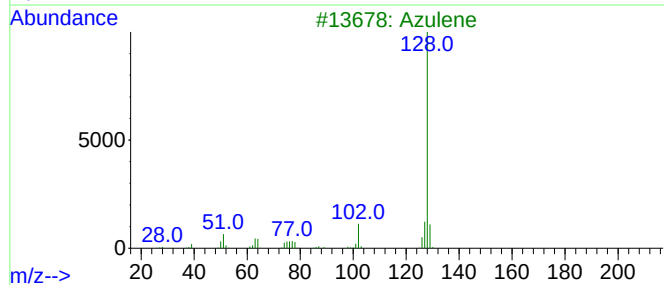
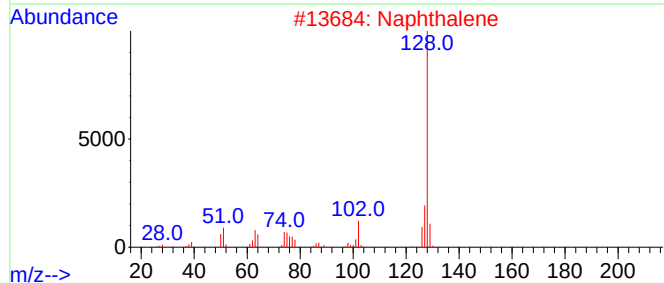
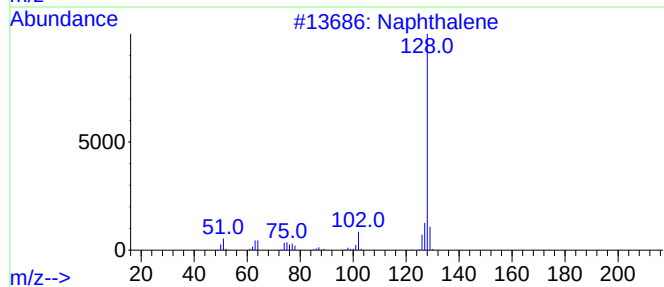
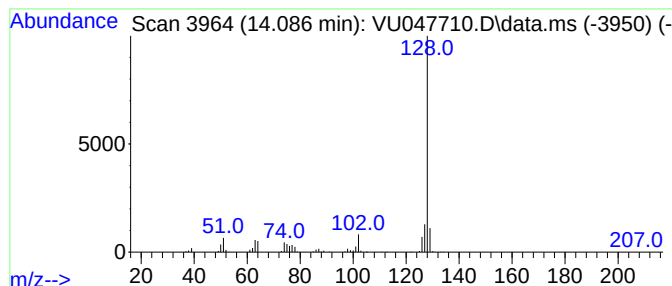
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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

Peak Number 20 Azulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	12.51 ug/L	301407	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Azulene	128	C10H8	000275-51-4	93
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047710.D
Acq On : 26 Mar 2022 15:42
Operator : SY/MD
Sample : N2081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X5

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
Benzene, propyl-	10.906	19.8	ug/L	477281	3	11.812	1204280	50.0
Benzene, 1-ethy...	10.999	21.4	ug/L	514633	3	11.812	1204280	50.0
Benzene, 1-ethy...	11.291	51.9	ug/L	1249040	3	11.812	1204280	50.0
Benzene, (2-met...	11.610	2.5	ug/L	61292	3	11.812	1204280	50.0
Benzene, 1-meth...	11.642	4.7	ug/L	113944	3	11.812	1204280	50.0
p-Cymene	11.745	7.0	ug/L	168215	3	11.812	1204280	50.0
Benzene, 1,2,3-...	11.893	63.5	ug/L	1529330	3	11.812	1204280	50.0
Indane	12.095	27.2	ug/L	655253	3	11.812	1204280	50.0
Benzene, 1-meth...	12.375	7.8	ug/L	188586	3	11.812	1204280	50.0
Benzene, 4-ethy...	12.468	10.9	ug/L	261327	3	11.812	1204280	50.0
Benzene, 2-ethy...	12.571	15.4	ug/L	369787	3	11.812	1204280	50.0
(E)-1-Phenyl-1-...	12.613	2.8	ug/L	66460	3	11.812	1204280	50.0
Benzene, 1-ethe...	12.687	12.0	ug/L	288277	3	11.812	1204280	50.0
o-Cymene	12.877	6.5	ug/L	157049	3	11.812	1204280	50.0
Benzene, 1,2,4,...	12.973	8.1	ug/L	195061	3	11.812	1204280	50.0
Benzene, 1,2,3,...	13.028	12.6	ug/L	302185	3	11.812	1204280	50.0
Benzene, 1-ethy...	13.449	14.6	ug/L	352334	3	11.812	1204280	50.0
Naphthalene, 1,...	13.623	4.7	ug/L	113572	3	11.812	1204280	50.0
Azulene	14.086	12.5	ug/L	301407	3	11.812	1204280	50.0