

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053496.D
 Acq On : 31 Mar 2023 17:00
 Operator : JC/MD
 Sample : 02054-01DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYF58DL

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\SFAMULM033123WMA.M

Title : VOC Analysis

Signal : TIC: VU053496.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	73	80	96	rVB	138121	152635	14.05%	1.328%
2	1.909	169	177	197	rVB	98678	135197	12.45%	1.177%
3	2.565	369	381	399	rBV	205415	335720	30.91%	2.922%
4	3.044	519	530	551	rVB4	7343	17463	1.61%	0.152%
5	3.411	641	644	648	rVB	450	312	0.03%	0.003%
6	3.507	671	674	679	rVB	269	213	0.02%	0.002%
7	3.539	679	684	687	rBV	239	271	0.02%	0.002%
8	3.690	727	731	733	rBV3	405	375	0.03%	0.003%
9	4.427	952	960	973	rVB7	3185	8234	0.76%	0.072%
10	4.501	979	983	984	rBV	554	439	0.04%	0.004%
11	4.517	985	988	992	rBV2	1288	1411	0.13%	0.012%
12	4.613	1007	1018	1050	rBV	67921	174880	16.10%	1.522%
13	4.977	1128	1131	1134	rBV2	396	287	0.03%	0.002%
14	5.057	1140	1156	1179	rBV	167124	359243	33.08%	3.127%
15	5.369	1242	1253	1262	rBV6	3491	7305	0.67%	0.064%
16	5.456	1267	1280	1297	rVB2	15245	34397	3.17%	0.299%
17	5.591	1310	1322	1329	rBV5	4436	9048	0.83%	0.079%
18	5.719	1341	1362	1386	rBV2	324077	873651	80.44%	7.604%
19	5.986	1434	1445	1455	rVB7	2332	4783	0.44%	0.042%
20	6.034	1458	1460	1462	rBV2	573	244	0.02%	0.002%
21	6.198	1505	1511	1512	rBV	434	244	0.02%	0.002%
22	6.243	1512	1525	1548	rBV	326237	628447	57.86%	5.470%
23	6.526	1604	1613	1620	rBV7	4872	9623	0.89%	0.084%
24	6.684	1646	1662	1682	rBV	196399	391482	36.04%	3.407%
25	6.800	1694	1698	1701	rBV3	1033	1193	0.11%	0.010%
26	6.864	1710	1718	1724	rBV4	1626	2229	0.21%	0.019%
27	6.912	1729	1733	1734	rBV	439	332	0.03%	0.003%
28	6.973	1749	1752	1762	rVB6	1489	1983	0.18%	0.017%
29	7.063	1776	1780	1788	rVV3	759	1074	0.10%	0.009%
30	7.144	1801	1805	1807	rBV2	315	223	0.02%	0.002%
31	7.169	1809	1813	1814	rBV	308	239	0.02%	0.002%
32	7.253	1826	1839	1851	rVB4	8982	18419	1.70%	0.160%
33	7.333	1859	1864	1865	rBV2	355	239	0.02%	0.002%
34	7.378	1865	1878	1893	rBV7	11372	27996	2.58%	0.244%
35	7.494	1909	1914	1918	rBV	395	324	0.03%	0.003%
36	7.562	1923	1935	1957	rVV	114011	204414	18.82%	1.779%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Title : VOC Analysis

37	7.677	1969	1971	1973	rBV2	350	221	0.02%	0.002%
38	7.729	1983	1987	1989	rBV	403	320	0.03%	0.003%
39	7.848	2018	2024	2025	rBV2	2096	1663	0.15%	0.014%
40	7.893	2026	2038	2055	rVV	436611	749980	69.05%	6.527%
41	8.086	2096	2098	2102	rVB2	683	468	0.04%	0.004%
42	8.173	2114	2125	2146	rVV	81589	142168	13.09%	1.237%
43	8.317	2167	2170	2176	rBV3	396	346	0.03%	0.003%
44	8.362	2176	2184	2189	rBV4	2399	3447	0.32%	0.030%
45	8.462	2212	2215	2218	rBV2	340	284	0.03%	0.002%
46	8.552	2237	2243	2249	rVB5	1656	2235	0.21%	0.019%
47	8.626	2254	2266	2294	rBV	204062	380560	35.04%	3.312%
48	8.777	2308	2313	2314	rBV3	910	682	0.06%	0.006%
49	9.073	2401	2405	2411	rBV3	447	519	0.05%	0.005%
50	9.118	2415	2419	2424	rBV2	324	257	0.02%	0.002%
51	9.269	2464	2466	2473	rVB	283	220	0.02%	0.002%
52	9.337	2485	2487	2493	rVB2	284	268	0.02%	0.002%
53	9.414	2497	2511	2534	rBV	448737	749710	69.03%	6.525%
54	9.565	2550	2558	2573	rVB	16471	26365	2.43%	0.229%
55	9.690	2590	2597	2599	rBV4	2215	2252	0.21%	0.020%
56	10.099	2713	2724	2739	rVB7	4881	9296	0.86%	0.081%
57	10.234	2763	2766	2770	rVB2	326	255	0.02%	0.002%
58	10.427	2823	2826	2830	rVB2	324	215	0.02%	0.002%
59	10.481	2831	2843	2858	rBV	31159	49397	4.55%	0.430%
60	10.674	2899	2903	2908	rVB2	278	277	0.03%	0.002%
61	10.751	2914	2927	2945	rBV	282884	461307	42.47%	4.015%
62	10.902	2962	2974	2992	rBV	90009	140537	12.94%	1.223%
63	11.021	3002	3011	3021	rVB2	14180	20610	1.90%	0.179%
64	11.086	3026	3031	3037	rVB4	1023	1220	0.11%	0.011%
65	11.288	3081	3094	3108	rBV	199059	311000	28.63%	2.707%
66	11.407	3128	3131	3136	rBV2	275	269	0.02%	0.002%
67	11.462	3136	3148	3163	rBV	710459	1086142	100.00%	9.453%
68	11.607	3185	3193	3198	rBV	7386	11202	1.03%	0.097%
69	11.742	3226	3235	3243	rBV3	6742	9897	0.91%	0.086%
70	11.806	3243	3255	3271	rVV	521263	834368	76.82%	7.262%
71	11.889	3271	3281	3295	rVB	140922	217927	20.06%	1.897%
72	12.005	3310	3317	3324	rVB3	2088	2791	0.26%	0.024%
73	12.092	3332	3344	3356	rBV2	115981	186679	17.19%	1.625%
74	12.185	3360	3373	3391	rBV2	506451	872611	80.34%	7.595%
75	12.298	3400	3408	3418	rVB3	12569	18603	1.71%	0.162%
76	12.372	3421	3431	3444	rBV	37148	57382	5.28%	0.499%

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 Title : VOC Analysis

77	12.462	3447	3459	3463	rBV	85422	130456	12.01%	1.135%
78	12.565	3481	3491	3500	rBV	152656	231938	21.35%	2.019%
79	12.677	3515	3526	3549	rVB2	78568	145525	13.40%	1.267%
80	12.803	3560	3565	3574	rVB4	2807	3764	0.35%	0.033%
81	12.873	3574	3587	3600	rVB	29447	46768	4.31%	0.407%
82	12.967	3600	3616	3624	rBV	95061	144792	13.33%	1.260%
83	13.021	3625	3633	3648	rVB	123859	186679	17.19%	1.625%
84	13.102	3651	3658	3665	rBV4	9266	15459	1.42%	0.135%
85	13.214	3682	3693	3699	rBV9	5679	10400	0.96%	0.091%
86	13.288	3708	3716	3729	rVB	69056	105519	9.72%	0.918%
87	13.407	3743	3753	3756	rBV5	12313	18725	1.72%	0.163%
88	13.449	3758	3766	3780	rVB3	159795	267467	24.63%	2.328%
89	13.619	3811	3819	3833	rVB4	22359	37412	3.44%	0.326%
90	13.729	3844	3853	3861	rBV5	12091	19769	1.82%	0.172%
91	13.783	3861	3870	3877	rVV	25915	40958	3.77%	0.356%
92	13.835	3878	3886	3902	rVB6	34547	73531	6.77%	0.640%
93	14.082	3954	3963	3987	rVB	36122	64927	5.98%	0.565%
94	14.185	3990	3995	3997	rBV4	3519	3428	0.32%	0.030%
95	14.285	4015	4026	4034	rBV5	13435	24820	2.29%	0.216%
96	14.478	4078	4086	4097	rBV2	21519	32534	3.00%	0.283%
97	14.664	4135	4144	4158	rBV4	19154	42639	3.93%	0.371%
98	14.806	4182	4188	4199	rVB2	7079	10736	0.99%	0.093%
99	15.015	4246	4253	4265	rBV7	3833	6526	0.60%	0.057%
100	15.407	4365	4375	4388	rBV2	39523	66443	6.12%	0.578%

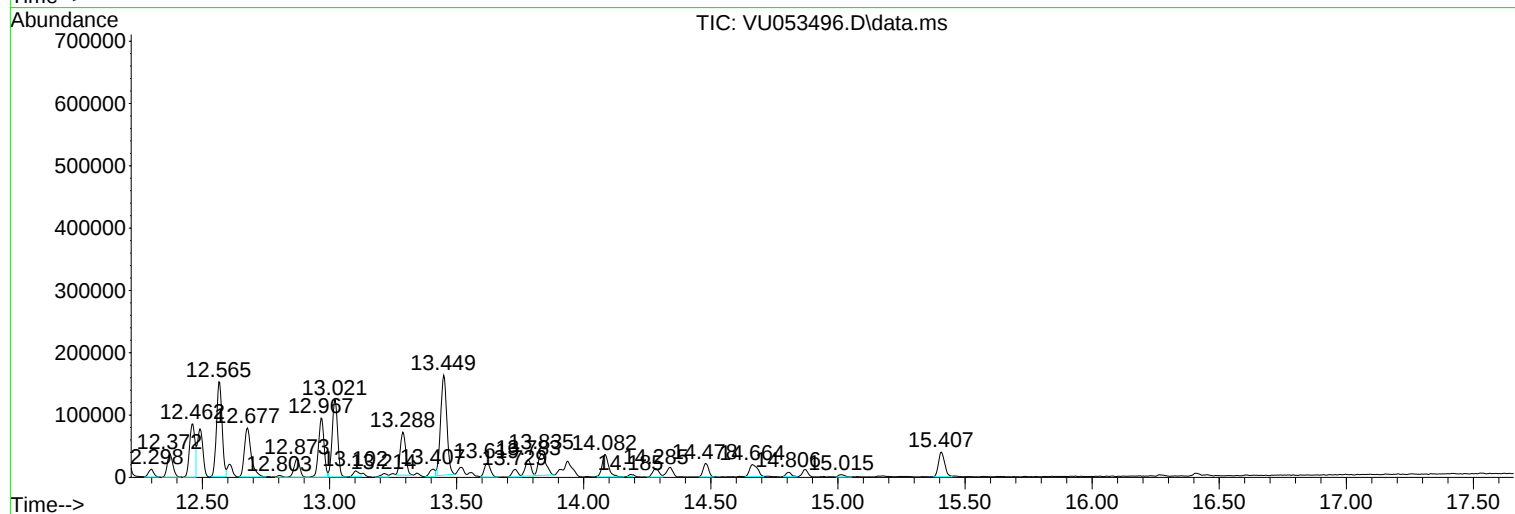
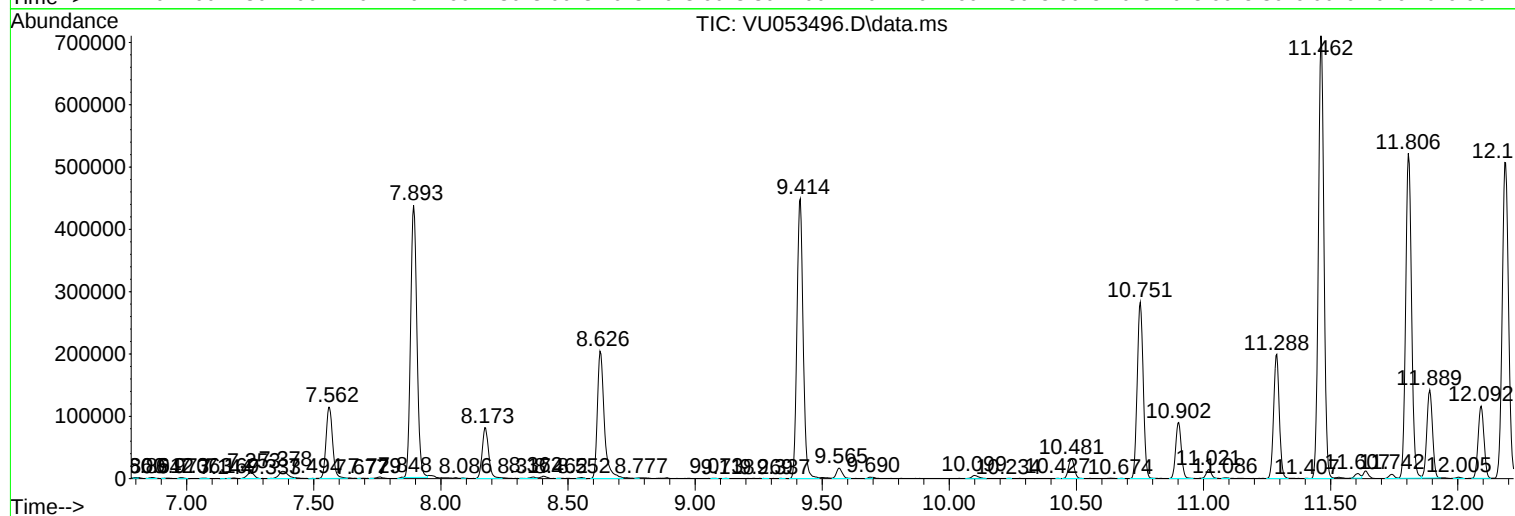
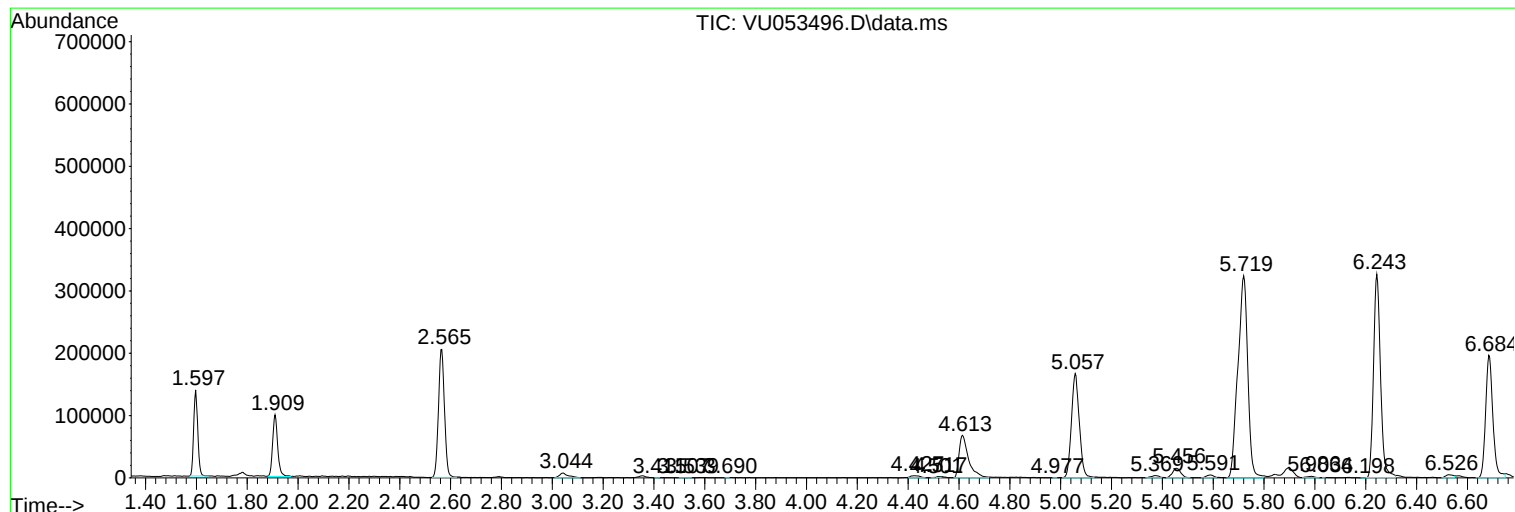
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis

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



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Instrument :
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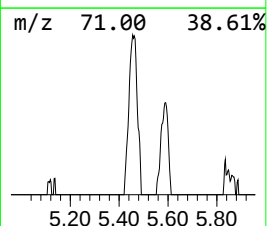
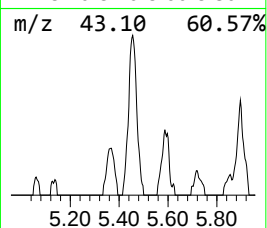
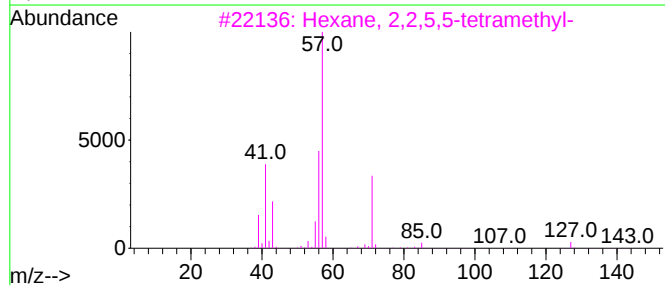
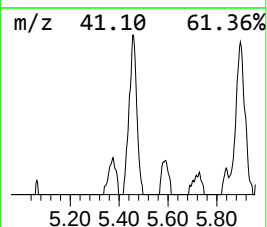
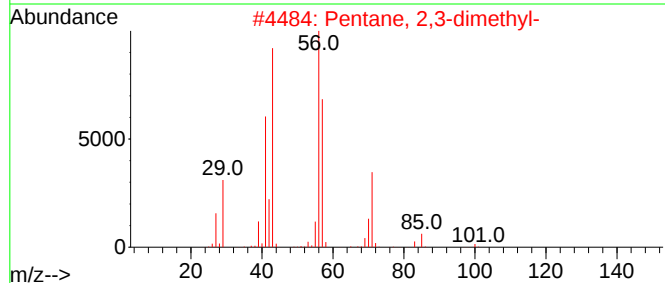
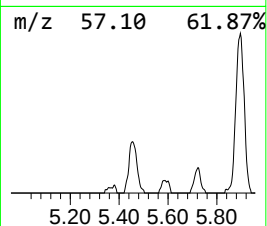
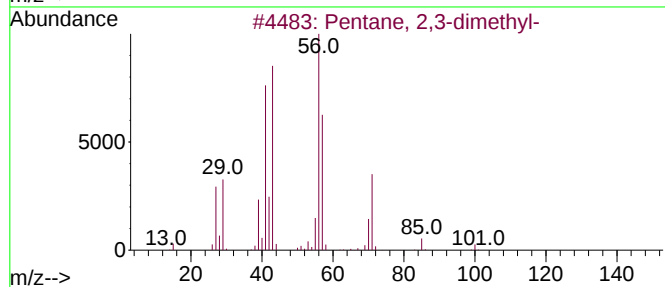
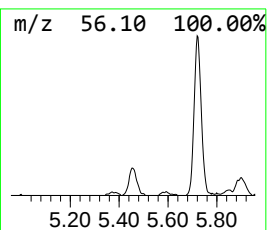
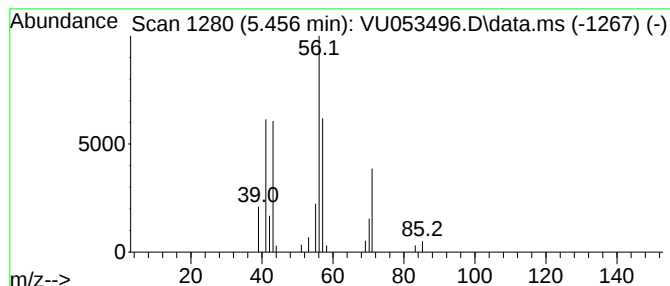
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis

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.
5.456	2.74 ug/L	34397	1,4-Difluorobenzene	6.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	47
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	40
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	38
5			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	38



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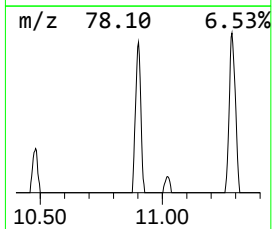
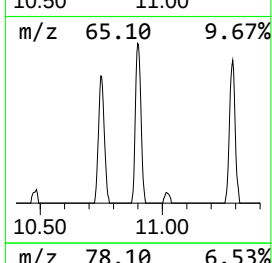
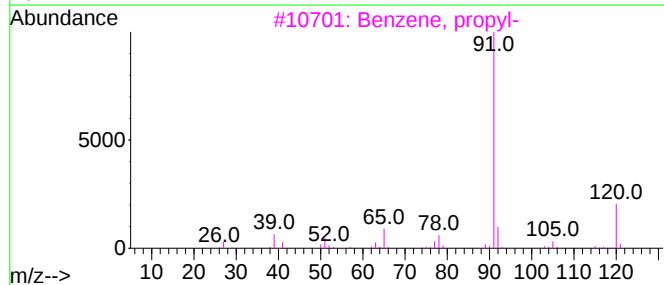
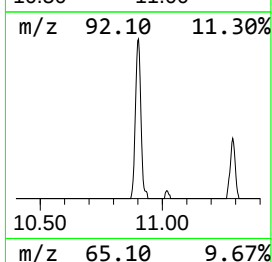
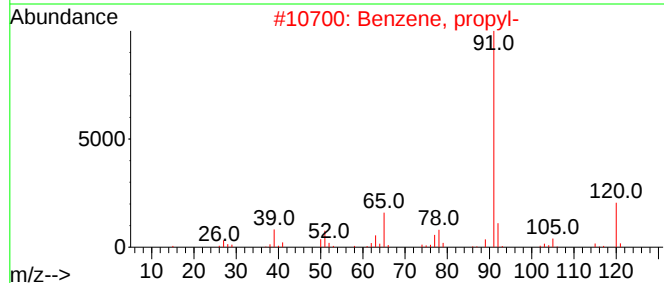
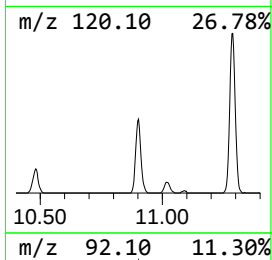
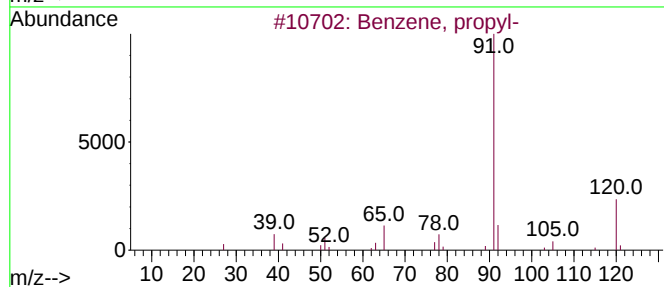
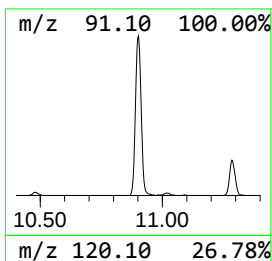
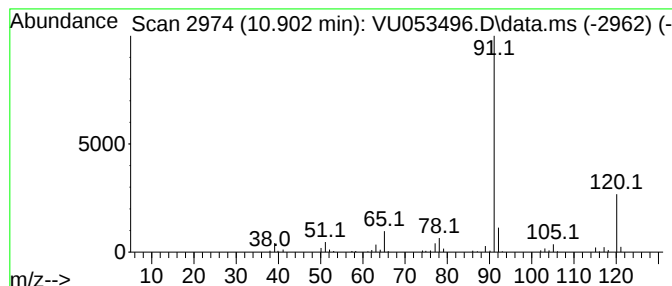
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.902	8.42 ug/L	140537	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	94
2			Benzene, propyl-	120	C9H12	000103-65-1	91
3			Benzene, propyl-	120	C9H12	000103-65-1	90
4			Benzene, propyl-	120	C9H12	000103-65-1	90
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78



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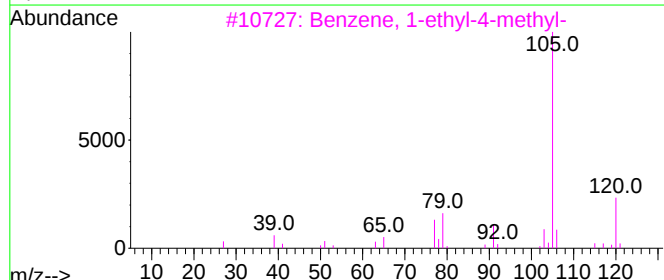
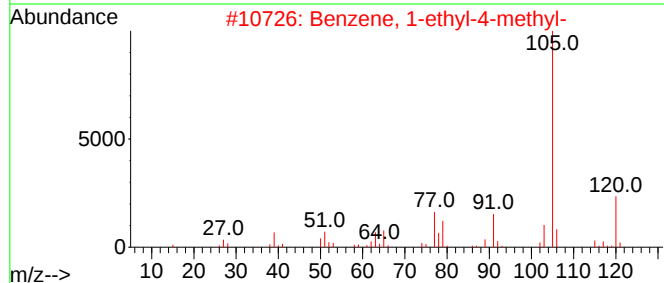
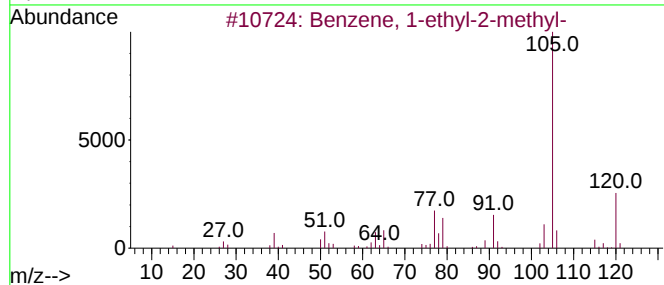
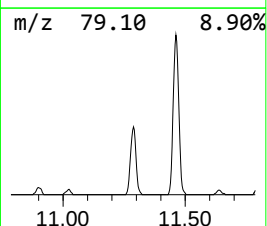
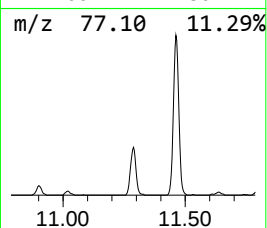
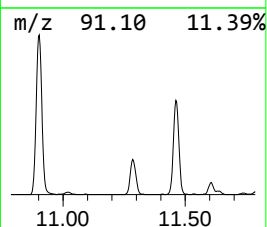
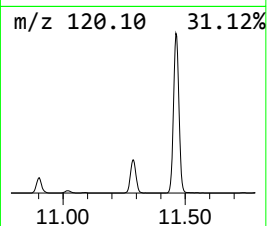
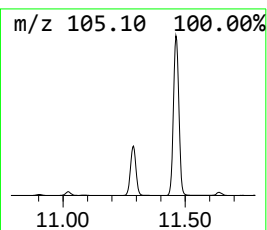
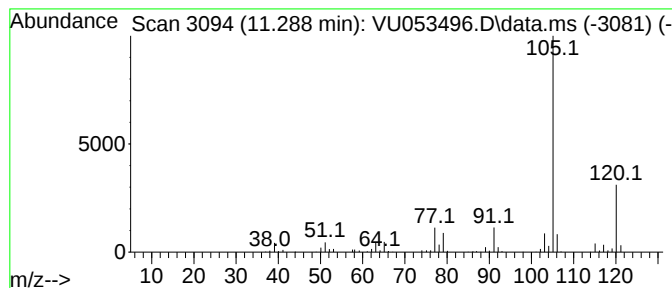
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.288	18.64 ug/L	311000	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Mesitylene	120	C9H12	000108-67-8	90
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

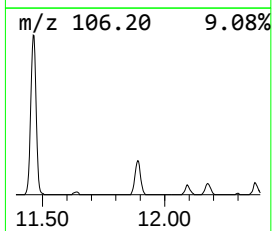
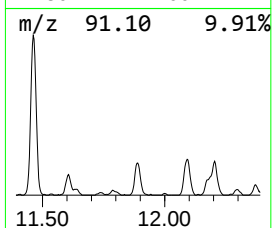
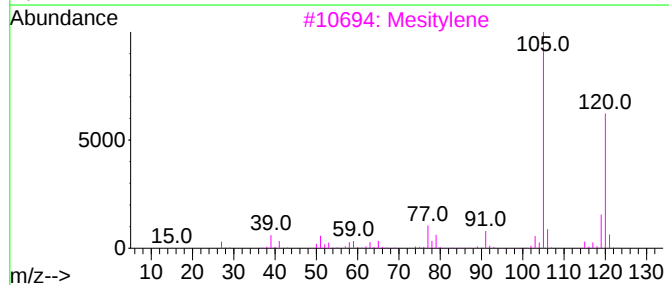
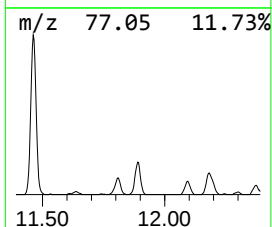
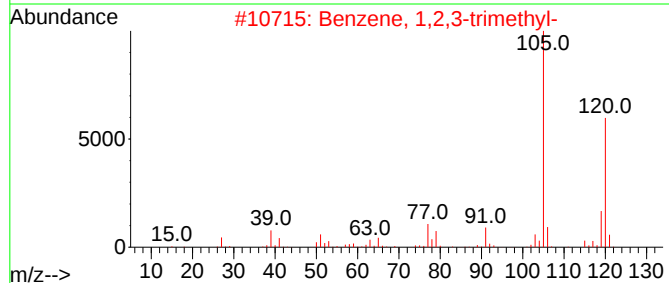
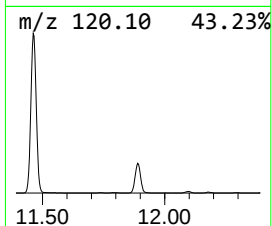
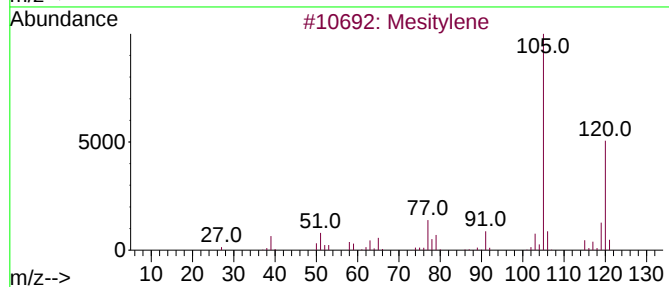
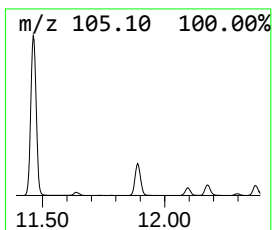
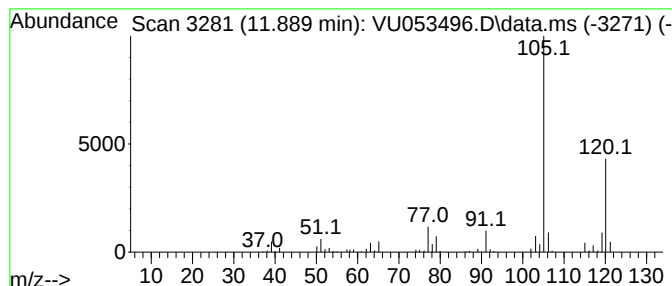
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	13.06 ug/L	217927	1,4-Dichlorobenzene-d4	11.806

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			Mesitylene	120	C9H12	000108-67-8	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

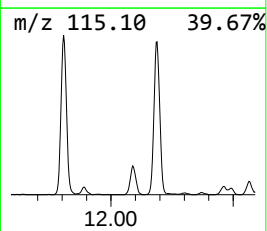
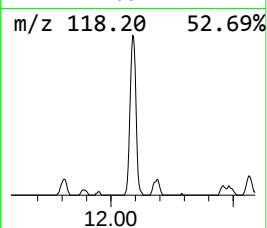
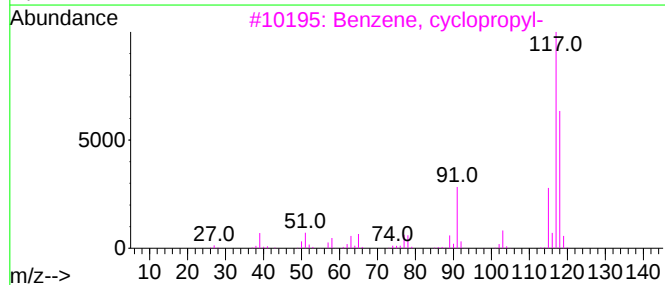
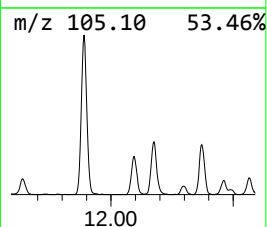
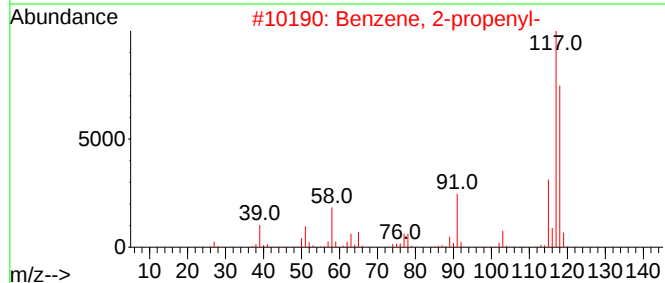
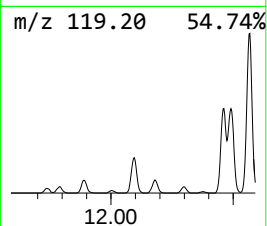
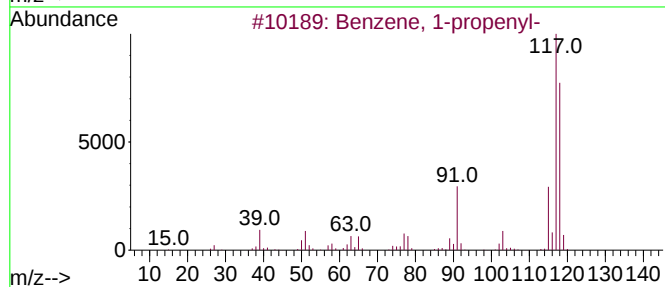
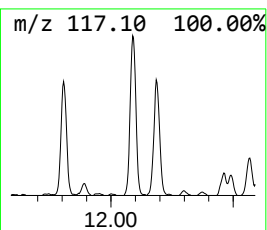
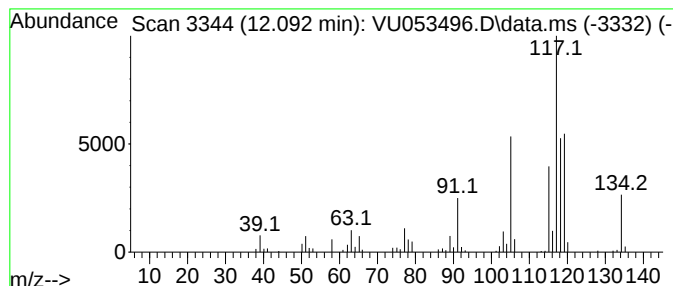
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	11.19 ug/L	186679	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propenyl-	118	C9H10	000637-50-3	87
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

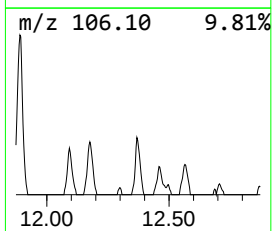
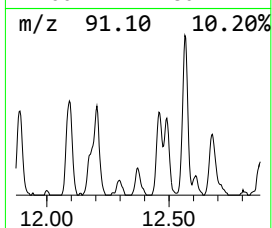
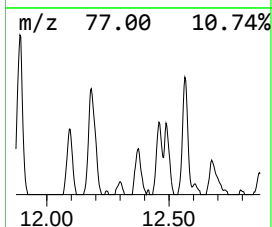
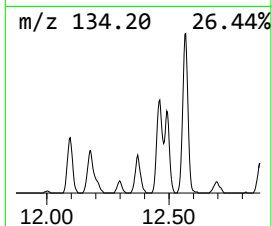
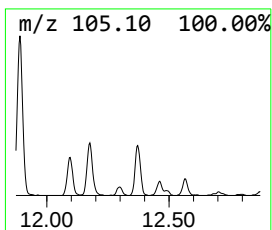
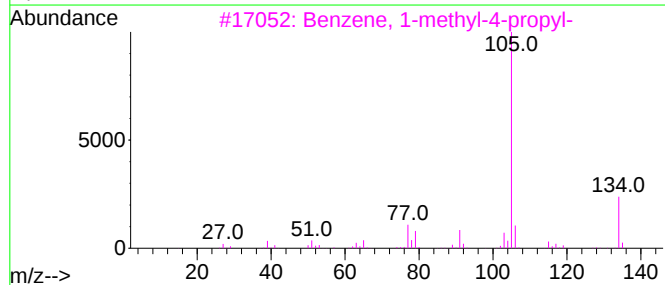
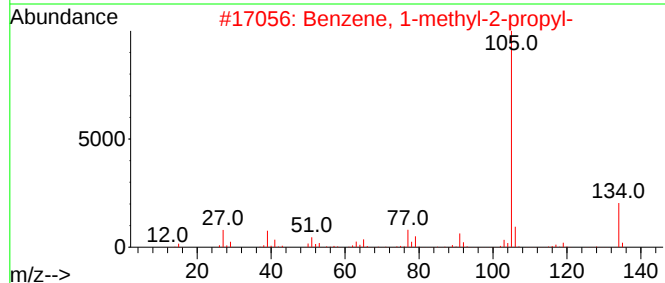
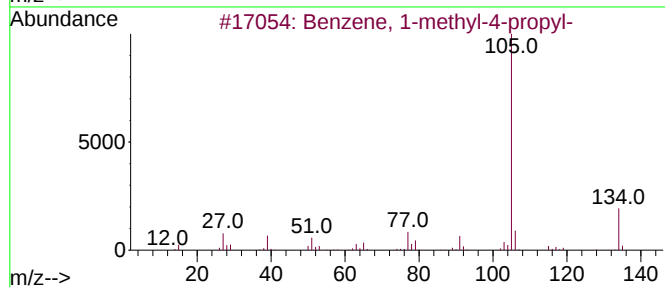
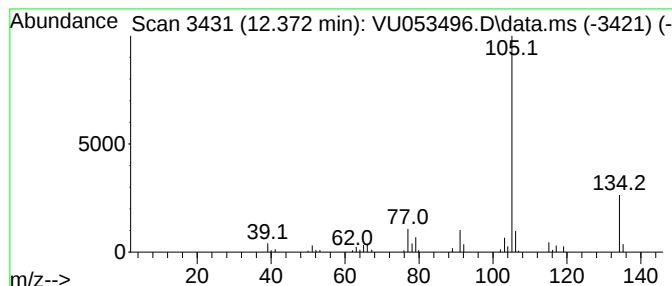
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Quant Title : VOC Analysis

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.
12.372	3.44 ug/L	57382	1,4-Dichlorobenzene-d4	11.806

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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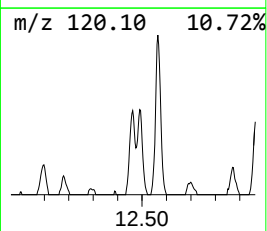
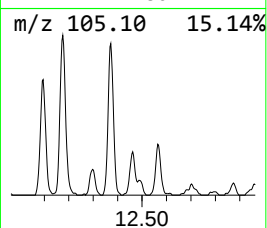
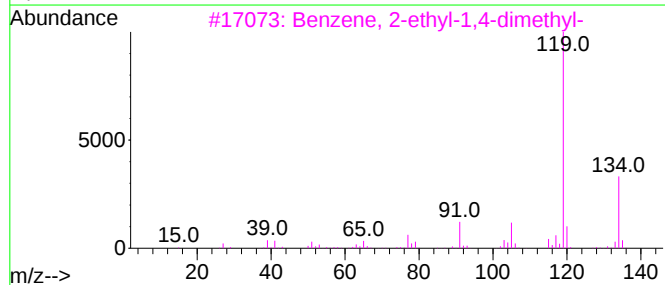
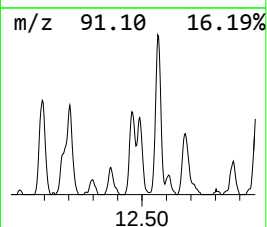
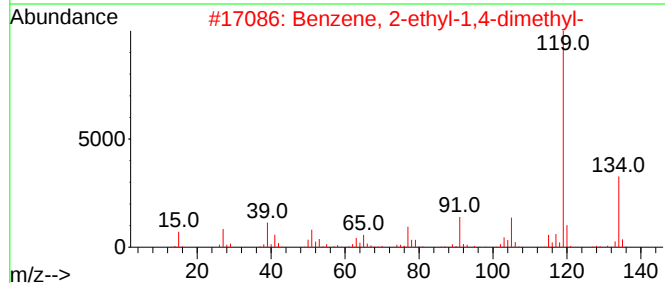
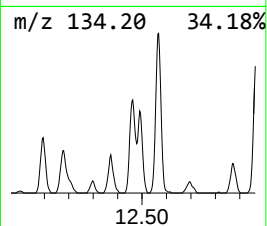
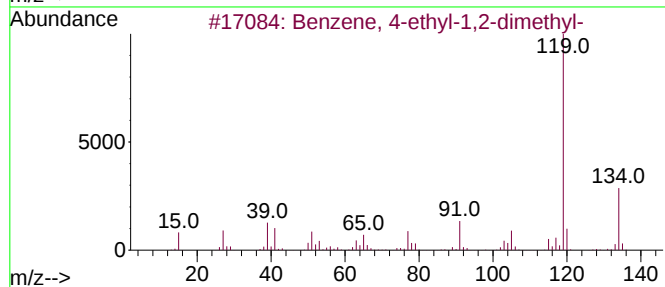
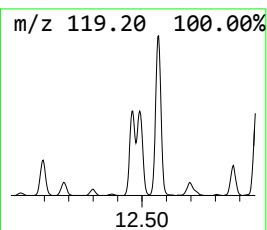
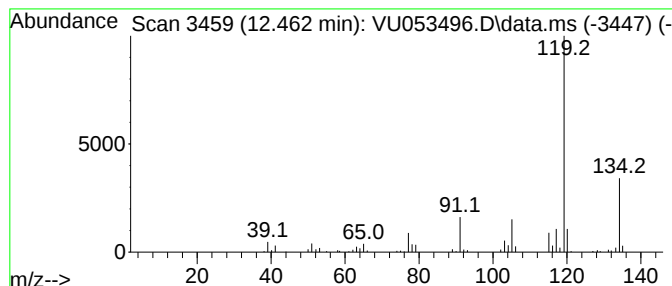
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.462	7.82 ug/L	130456	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

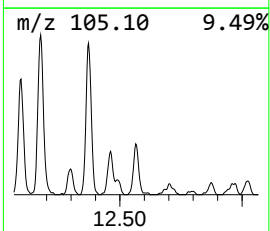
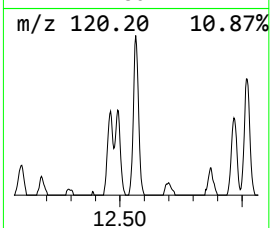
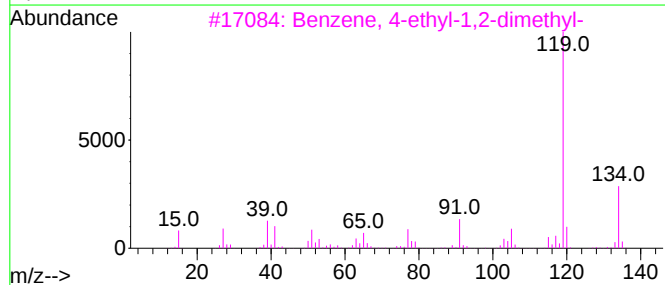
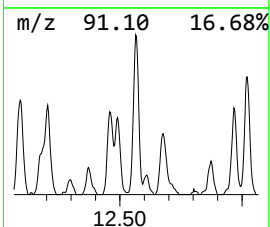
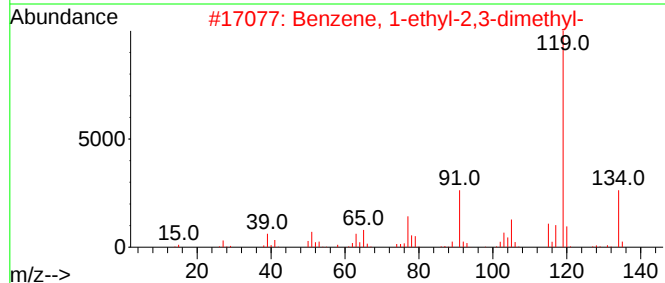
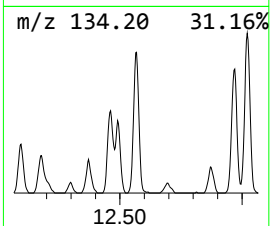
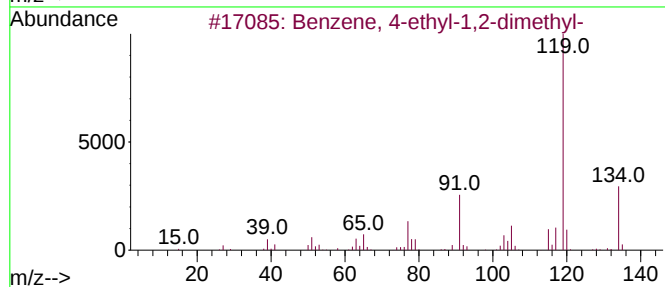
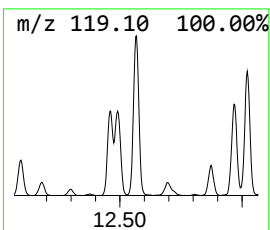
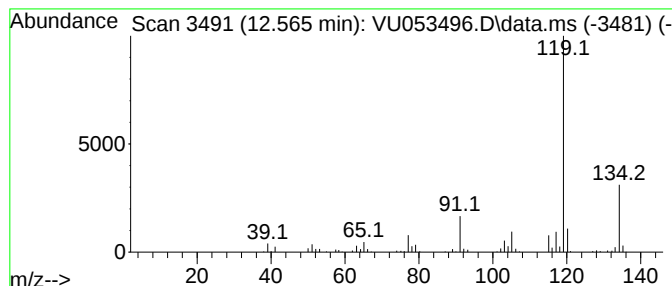
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.565	13.90 ug/L	231938	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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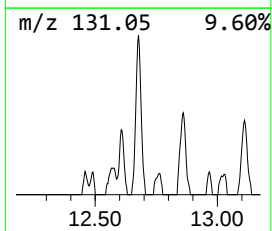
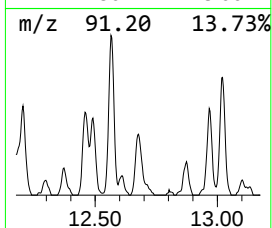
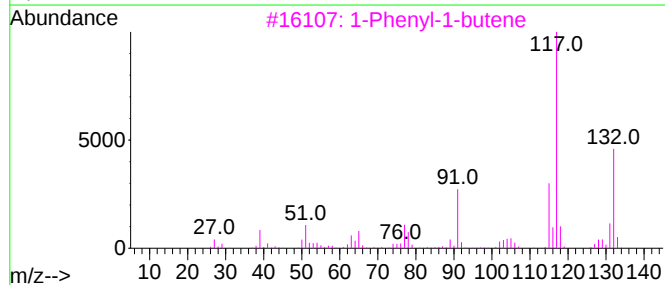
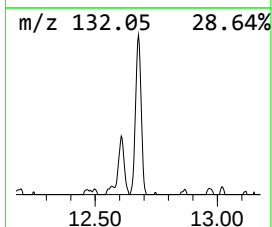
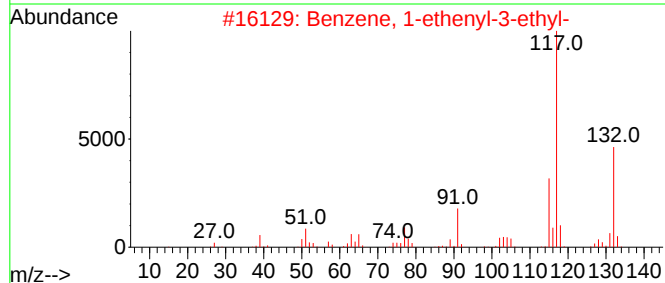
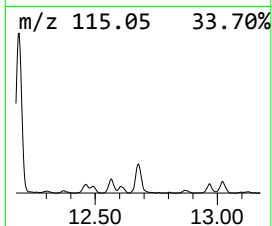
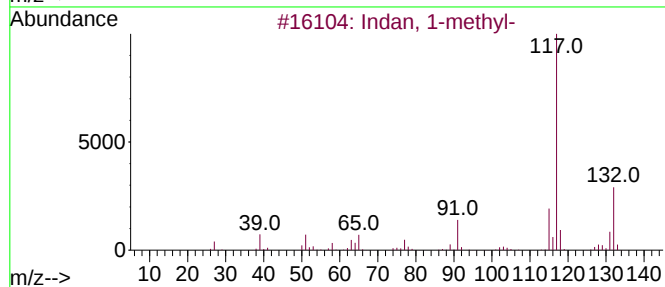
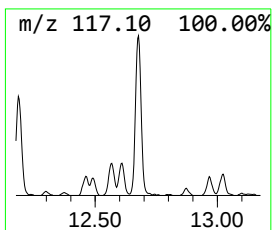
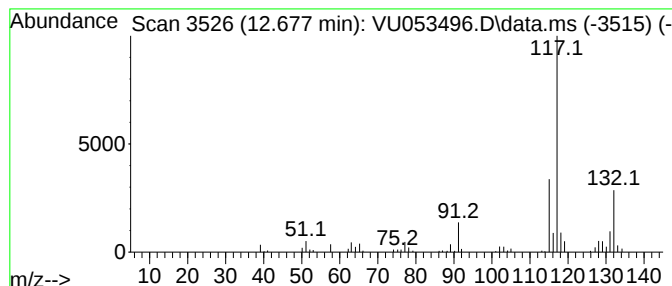
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Quant Title : VOC Analysis

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

Peak Number 10 Indan, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.677	8.72 ug/L	145525	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	87
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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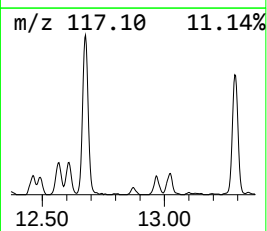
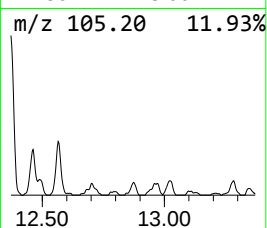
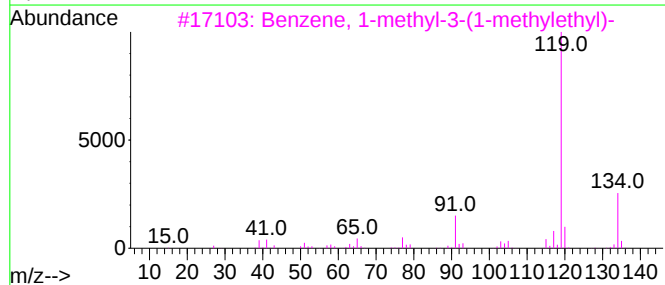
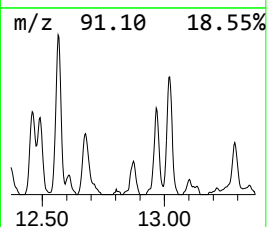
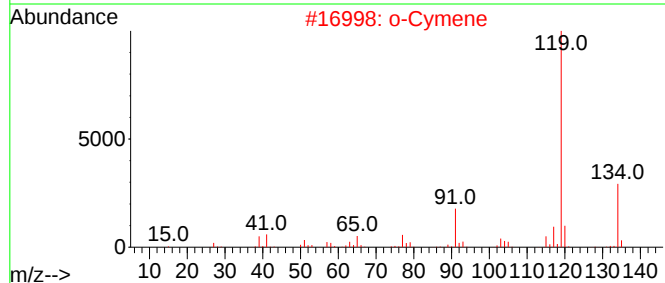
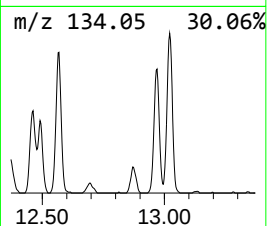
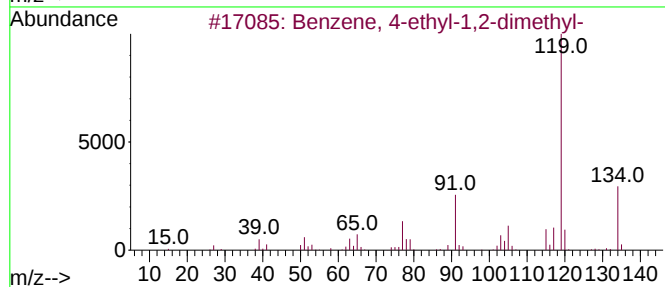
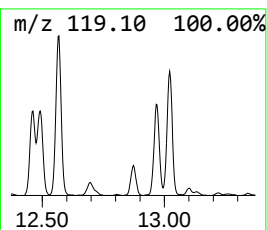
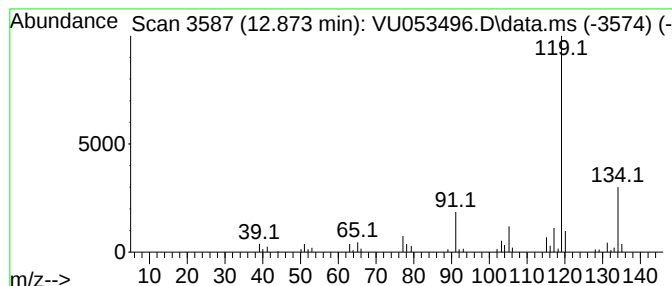
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Quant Title : VOC Analysis

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

Peak Number 11 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	2.80 ug/L	46768	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2			o-Cymene	134	C10H14	000527-84-4	93
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

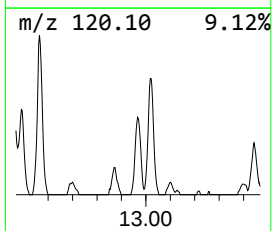
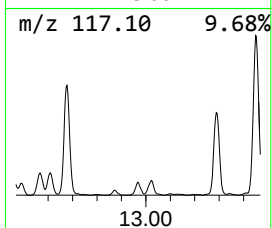
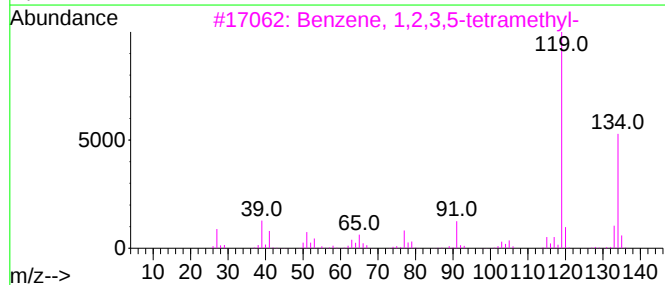
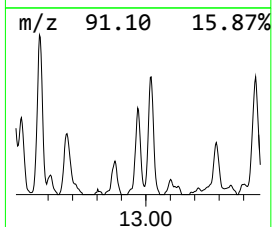
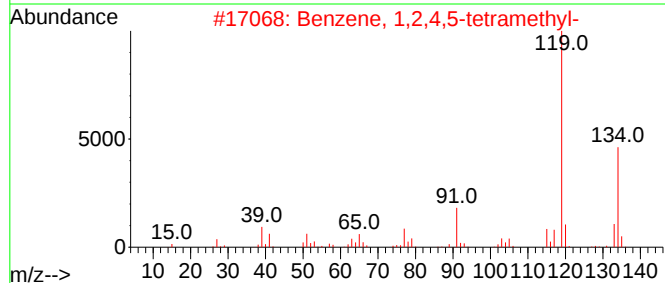
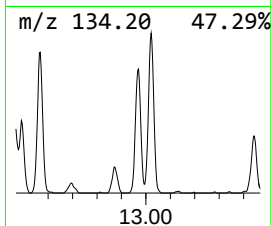
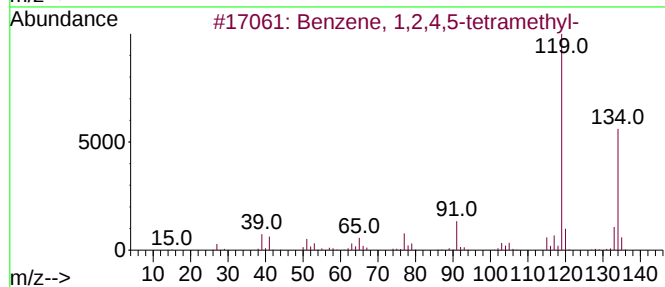
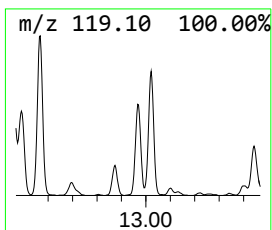
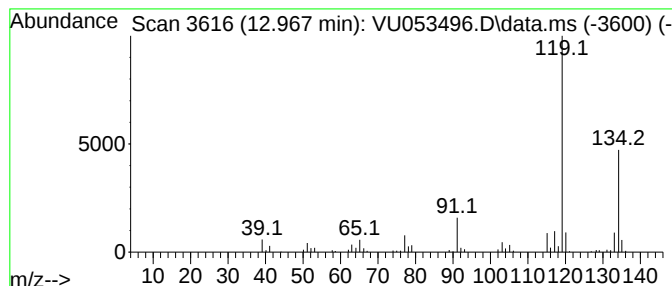
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.967	8.68 ug/L	144792	1,4-Dichlorobenzene-d4	11.806

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

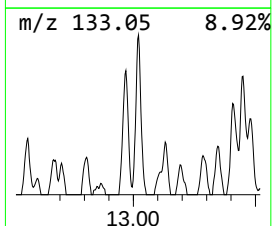
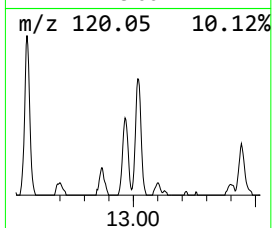
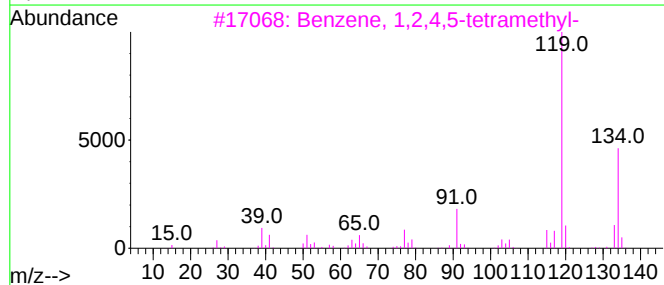
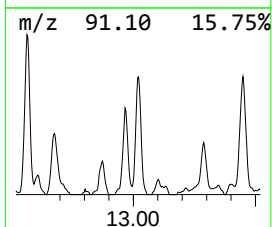
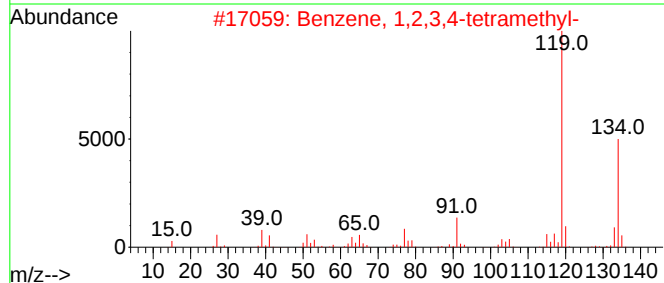
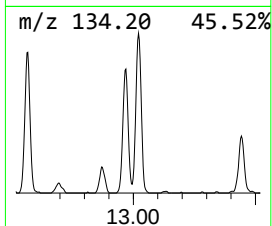
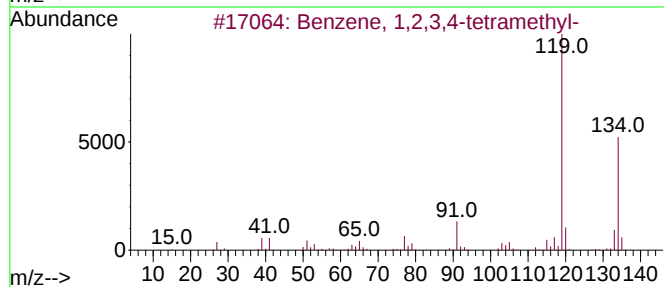
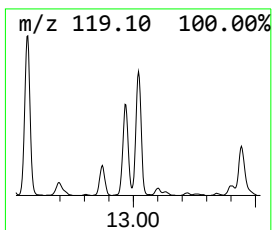
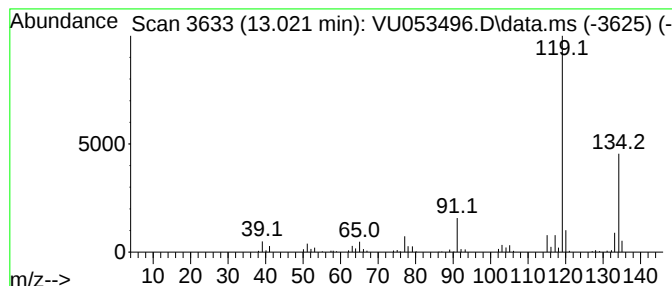
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	11.19 ug/L	186679	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

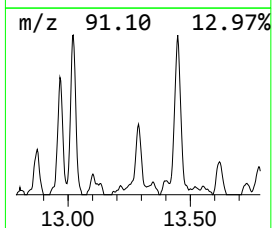
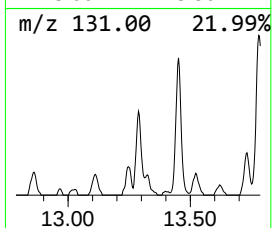
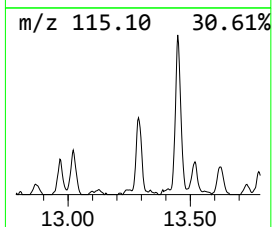
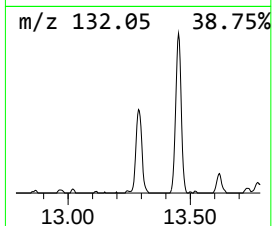
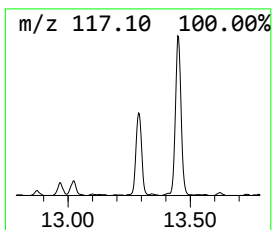
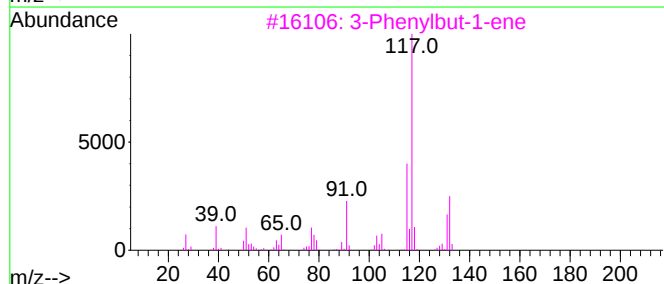
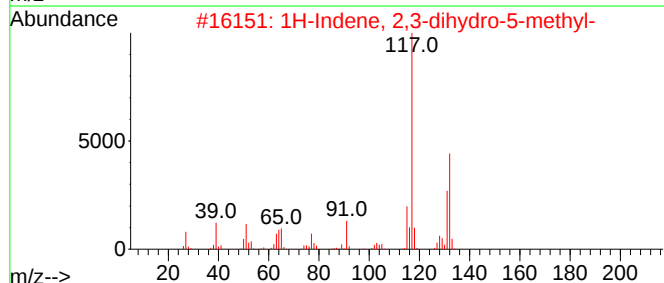
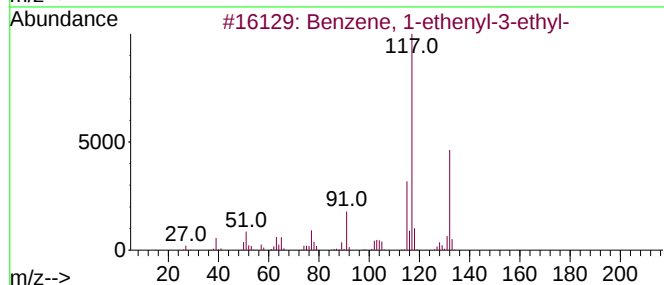
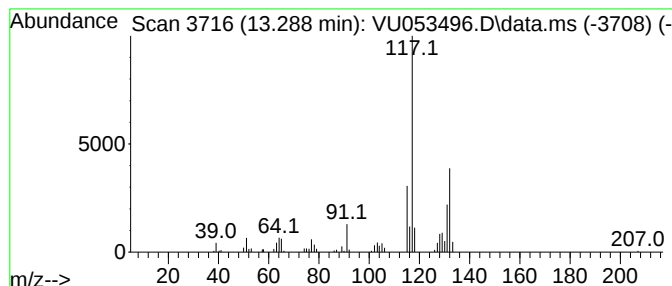
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	6.32 ug/L	105519	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

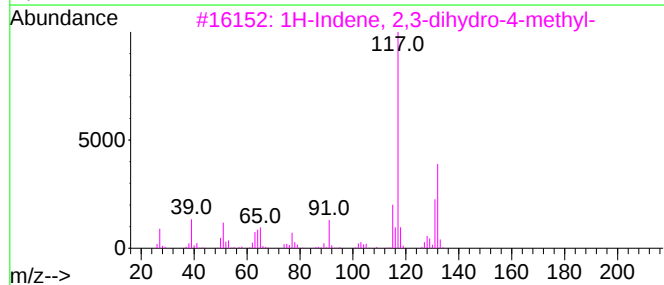
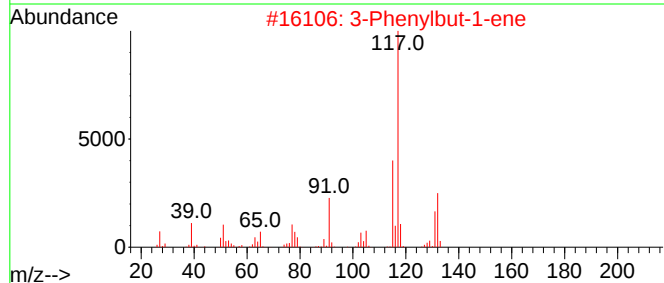
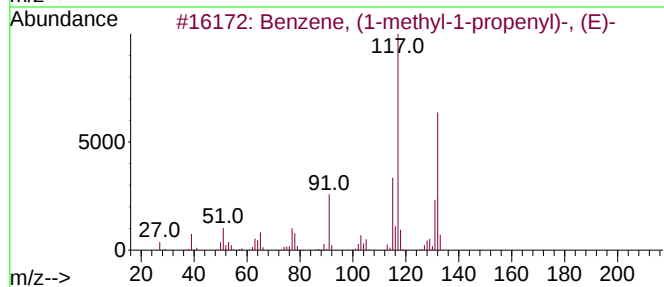
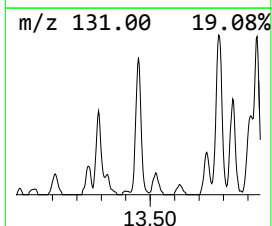
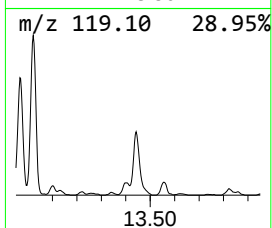
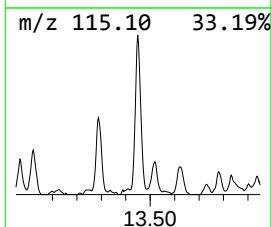
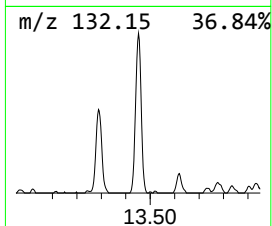
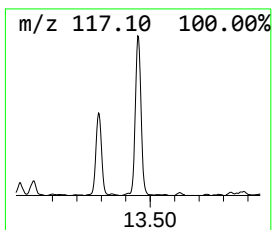
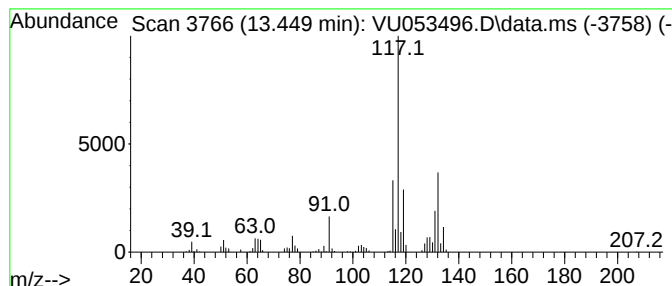
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, (1-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	16.03 ug/L	267467	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
4			Indan, 1-methyl-	132	C10H12	000767-58-8	76
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

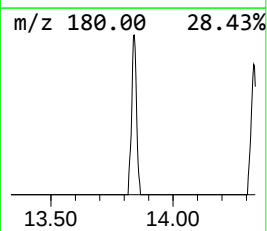
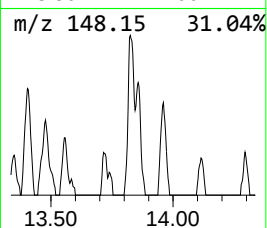
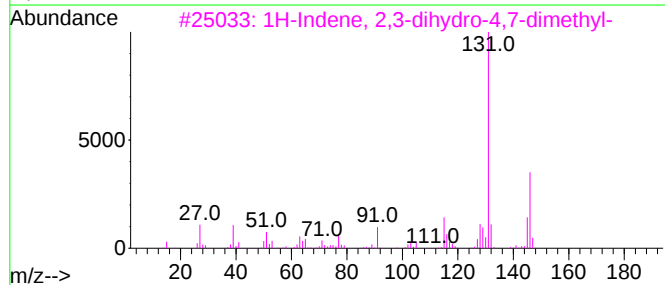
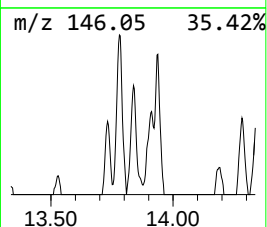
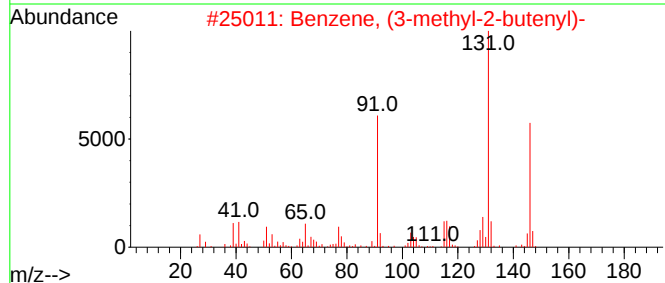
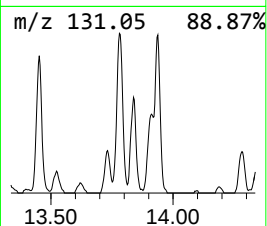
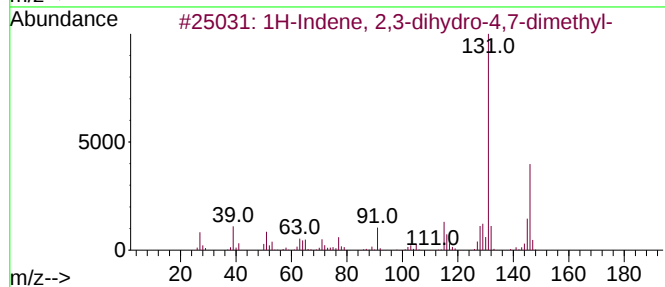
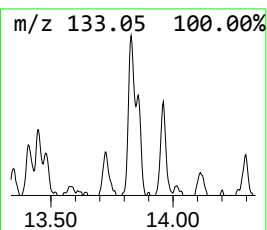
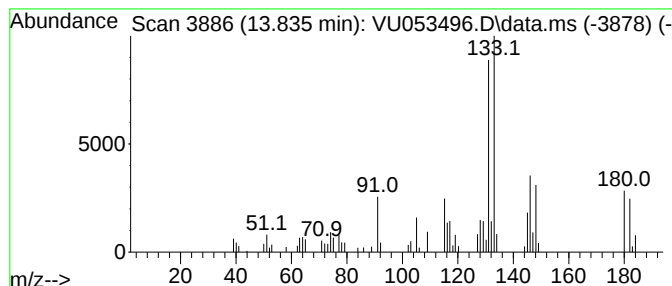
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Quant Title : VOC Analysis

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

Peak Number 16 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.835	4.41 ug/L	73531	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83		
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83		
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46		
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	42		
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

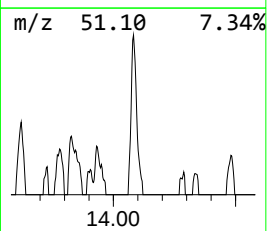
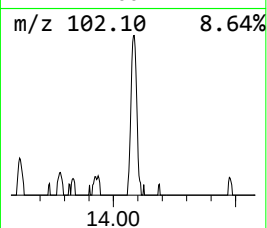
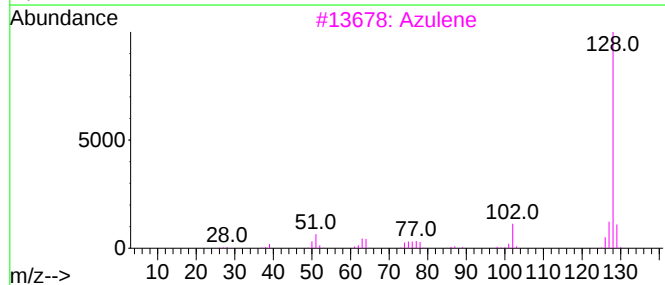
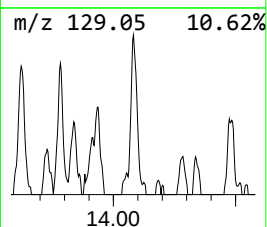
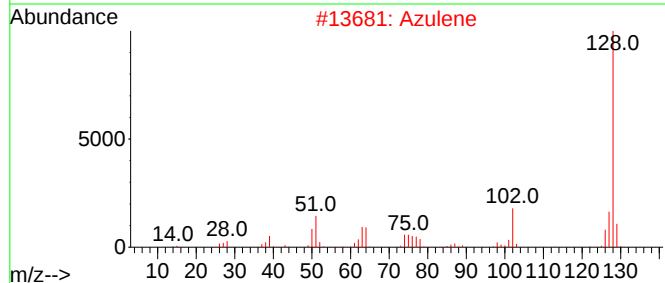
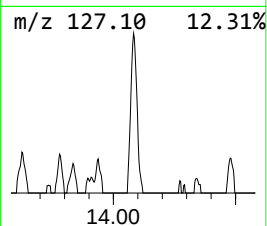
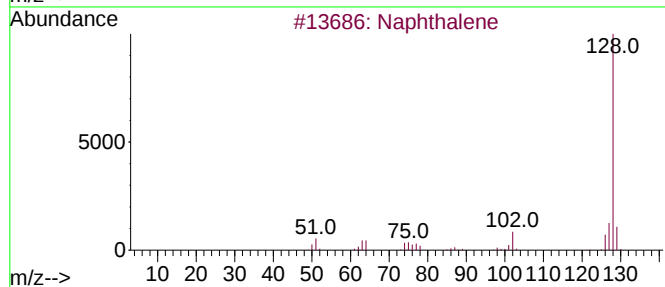
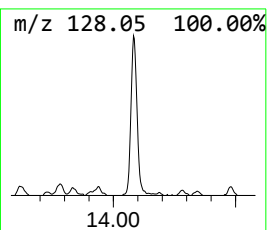
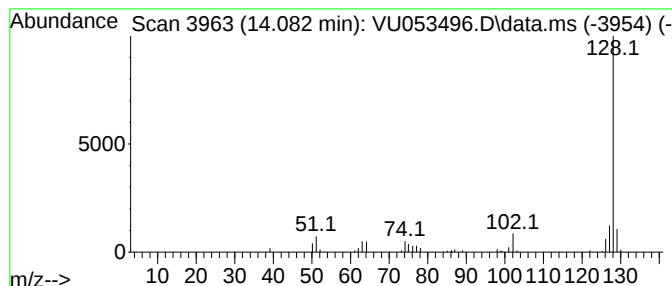
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Quant Title : VOC Analysis

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

Peak Number 17 Azulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	3.89 ug/L	64927	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	94
3			Azulene	128	C10H8	000275-51-4	93
4			Azulene	128	C10H8	000275-51-4	91
5			Naphthalene	128	C10H8	000091-20-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

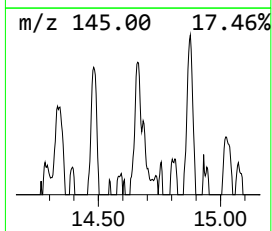
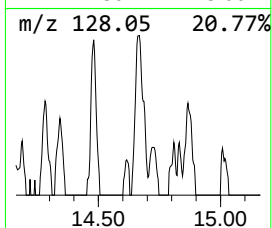
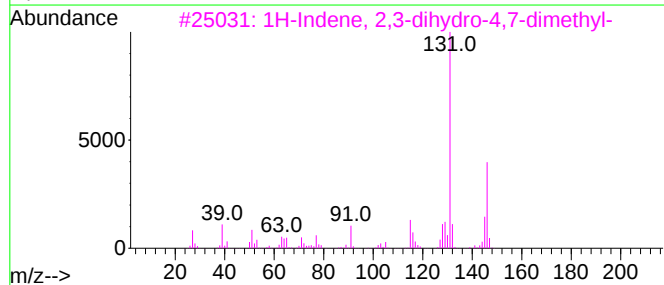
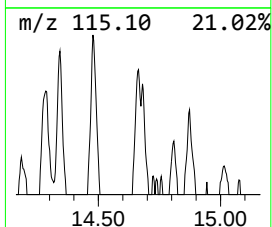
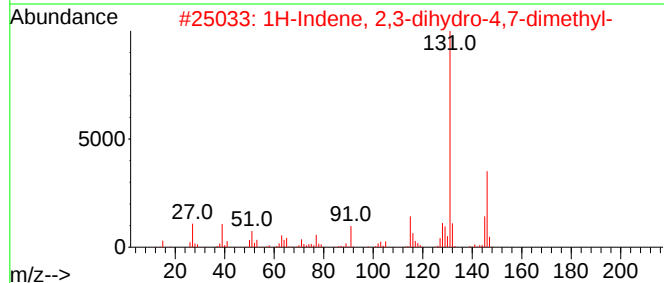
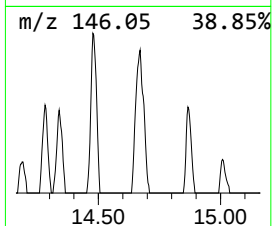
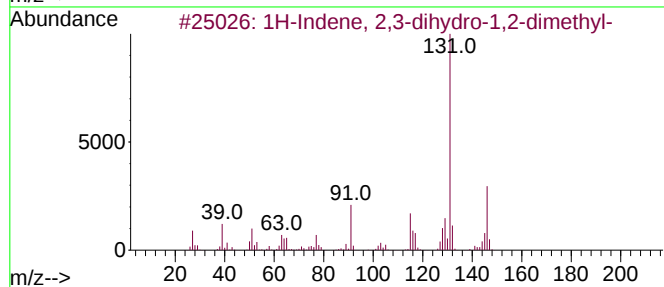
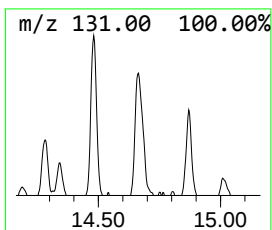
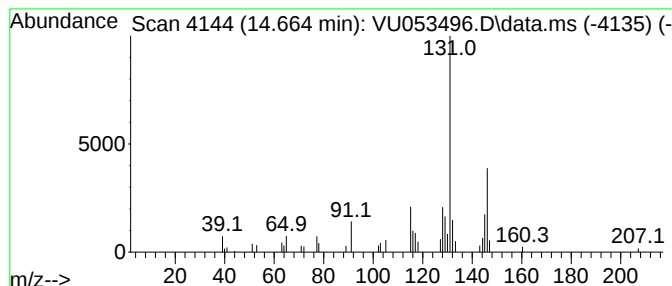
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Quant Title : VOC Analysis

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

Peak Number 18 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.664	2.56 ug/L	42639	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053496.D
Acq On : 31 Mar 2023 17:00
Operator : JC/MD
Sample : 02054-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYF58DL

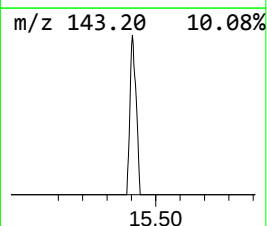
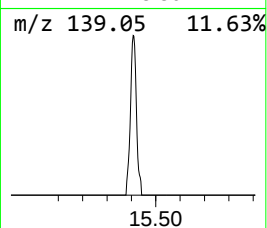
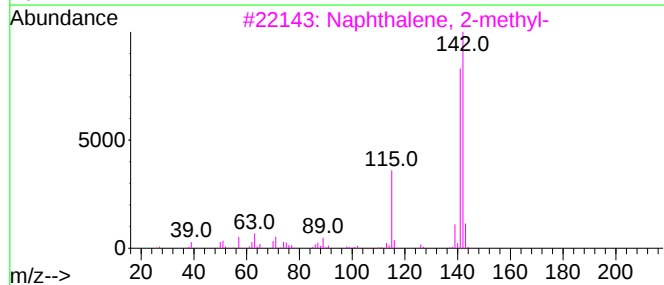
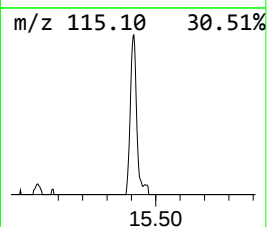
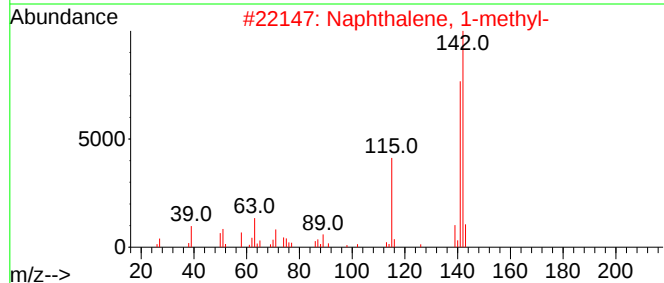
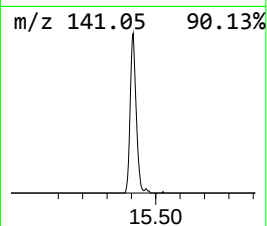
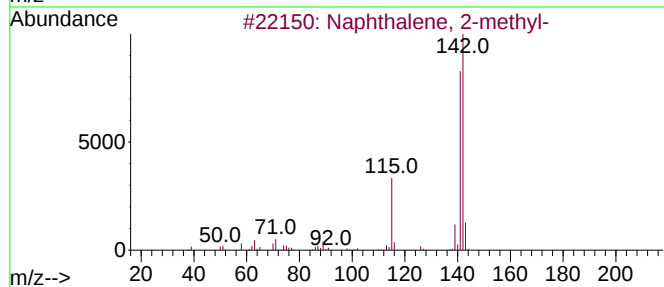
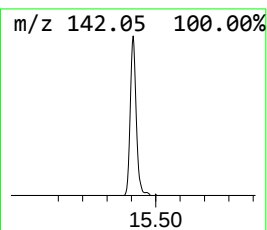
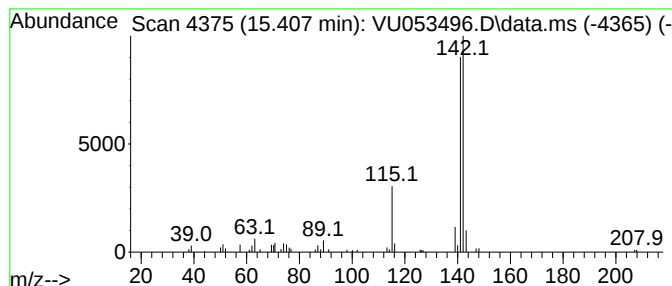
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis

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

Peak Number 19 Naphthalene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.407	3.98 ug/L	66443	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5			Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053496.D
 Acq On : 31 Mar 2023 17:00
 Operator : JC/MD
 Sample : 02054-01DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYF58DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.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...	5.456	2.7	ug/L	34397	1	6.243	628447	50.0
Benzene, propyl-	10.902	8.4	ug/L	140537	3	11.806	834368	50.0
Benzene, 1-ethy...	11.288	18.6	ug/L	311000	3	11.806	834368	50.0
Benzene, 1,2,3-...	11.890	13.1	ug/L	217927	3	11.806	834368	50.0
Benzene, 1-prop...	12.092	11.2	ug/L	186679	3	11.806	834368	50.0
Benzene, 1-meth...	12.372	3.4	ug/L	57382	3	11.806	834368	50.0
Benzene, 4-ethy...	12.462	7.8	ug/L	130456	3	11.806	834368	50.0
Benzene, 1-ethy...	12.565	13.9	ug/L	231938	3	11.806	834368	50.0
Indan, 1-methyl-	12.677	8.7	ug/L	145525	3	11.806	834368	50.0
o-Cymene	12.873	2.8	ug/L	46768	3	11.806	834368	50.0
Benzene, 1,2,4,...	12.967	8.7	ug/L	144792	3	11.806	834368	50.0
Benzene, 1,2,3,...	13.021	11.2	ug/L	186679	3	11.806	834368	50.0
Benzene, 1-ethe...	13.288	6.3	ug/L	105519	3	11.806	834368	50.0
Benzene, (1-met...	13.449	16.0	ug/L	267467	3	11.806	834368	50.0
1H-Indene, 2,3-...	13.835	4.4	ug/L	73531	3	11.806	834368	50.0
Azulene	14.082	3.9	ug/L	64927	3	11.806	834368	50.0
1H-Indene, 2,3-...	14.664	2.6	ug/L	42639	3	11.806	834368	50.0
Naphthalene, 2-...	15.407	4.0	ug/L	66443	3	11.806	834368	50.0