

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053303.D
 Acq On : 20 Mar 2023 13:27
 Operator : JC/MD
 Sample : 01956-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0287DL

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\SFAMULM031523WMA.M
 Title : VOC Analysis

Signal : TIC: VU053303.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	19	rVB	304641	273731	62.13%	5.618%
2	1.600	74	81	87	rBV	58702	65847	14.95%	1.351%
3	1.633	87	91	103	rVB	50227	53323	12.10%	1.094%
4	1.915	171	179	191	rVB	47702	63019	14.30%	1.293%
5	2.568	370	382	394	rBV	92554	150149	34.08%	3.082%
6	2.684	409	418	430	rVB3	8789	14955	3.39%	0.307%
7	3.044	523	530	539	rVB4	1934	2973	0.67%	0.061%
8	3.137	548	559	568	rBV3	2570	5227	1.19%	0.107%
9	3.356	621	627	634	rBV2	717	1081	0.25%	0.022%
10	3.452	653	657	662	rVB3	338	259	0.06%	0.005%
11	3.980	810	821	823	rBV5	3288	4981	1.13%	0.102%
12	4.533	978	993	1006	rVV4	7660	17955	4.08%	0.369%
13	4.613	1007	1018	1049	rBV2	33625	86891	19.72%	1.783%
14	5.057	1142	1156	1173	rBV	87080	190338	43.20%	3.907%
15	5.182	1187	1195	1200	rBV2	312	531	0.12%	0.011%
16	5.385	1243	1258	1275	rVB3	27208	59534	13.51%	1.222%
17	5.465	1281	1283	1290	rVB	326	312	0.07%	0.006%
18	5.722	1342	1363	1368	rBV2	172910	440559	100.00%	9.042%
19	5.957	1427	1436	1458	rVB2	22769	49289	11.19%	1.012%
20	6.140	1488	1493	1498	rBV2	575	622	0.14%	0.013%
21	6.243	1510	1525	1557	rBV	144480	275146	62.45%	5.647%
22	6.468	1586	1595	1612	rBV4	13660	26882	6.10%	0.552%
23	6.687	1648	1663	1675	rBV2	109148	214186	48.62%	4.396%
24	6.983	1750	1755	1760	rBV5	1117	1349	0.31%	0.028%
25	7.336	1861	1865	1868	rBB2	324	277	0.06%	0.006%
26	7.388	1877	1881	1884	rBV	271	247	0.06%	0.005%
27	7.562	1923	1935	1957	rVB	62136	109098	24.76%	2.239%
28	7.684	1969	1973	1975	rBV	693	560	0.13%	0.011%
29	7.751	1992	1994	2000	rVB3	383	340	0.08%	0.007%
30	7.780	2000	2003	2004	rBV	857	460	0.10%	0.009%
31	7.893	2016	2038	2052	rBV	218334	374781	85.07%	7.692%
32	8.031	2078	2081	2085	rVB2	361	304	0.07%	0.006%
33	8.176	2115	2126	2140	rVV2	41829	72522	16.46%	1.488%
34	8.240	2141	2146	2152	rVB6	2251	2961	0.67%	0.061%
35	8.356	2177	2182	2183	rBV2	473	313	0.07%	0.006%
36	8.571	2240	2249	2256	rBV2	3219	5138	1.17%	0.105%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Stop Thrs : 0

Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Title : VOC Analysis

37	8.626	2256	2266	2295	rVB3	102470	199583	45.30%	4.096%
38	8.864	2329	2340	2350	rVB4	2412	3802	0.86%	0.078%
39	9.330	2477	2485	2488	rBV	226	335	0.08%	0.007%
40	9.414	2497	2511	2514	rBV	211526	312297	70.89%	6.410%
41	9.565	2548	2558	2572	rVB	56031	89142	20.23%	1.830%
42	9.690	2586	2597	2615	rVB	52175	89662	20.35%	1.840%
43	9.761	2616	2619	2624	rBV2	312	269	0.06%	0.006%
44	9.944	2667	2676	2685	rVB6	6888	10745	2.44%	0.221%
45	10.005	2685	2695	2703	rBV4	6667	11240	2.55%	0.231%
46	10.108	2717	2727	2744	rVB6	4376	9310	2.11%	0.191%
47	10.188	2745	2752	2755	rBV2	310	398	0.09%	0.008%
48	10.240	2765	2768	2770	rBV	387	248	0.06%	0.005%
49	10.269	2770	2777	2782	rVB4	1053	1297	0.29%	0.027%
50	10.346	2797	2801	2804	rBV3	921	854	0.19%	0.018%
51	10.481	2832	2843	2854	rVV2	8502	13009	2.95%	0.267%
52	10.645	2889	2894	2901	rVB6	2623	3536	0.80%	0.073%
53	10.751	2914	2927	2945	rVV	151471	242994	55.16%	4.987%
54	10.822	2945	2949	2958	rVB5	506	697	0.16%	0.014%
55	10.902	2964	2974	2987	rVB	10041	14948	3.39%	0.307%
56	10.992	2987	3002	3008	rBV3	12016	20225	4.59%	0.415%
57	11.082	3018	3030	3044	rVB	14866	27452	6.23%	0.563%
58	11.288	3087	3094	3097	rBV	830	897	0.20%	0.018%
59	11.340	3103	3110	3119	rVB6	1887	2824	0.64%	0.058%
60	11.401	3119	3129	3136	rBV5	1810	2669	0.61%	0.055%
61	11.462	3139	3148	3162	rVV	25794	39993	9.08%	0.821%
62	11.516	3162	3165	3170	rVB3	533	426	0.10%	0.009%
63	11.639	3199	3203	3213	rVB5	1448	1966	0.45%	0.040%
64	11.709	3218	3225	3228	rBV3	1266	1609	0.37%	0.033%
65	11.806	3243	3255	3273	rBV	209669	337151	76.53%	6.920%
66	11.995	3310	3314	3323	rBV5	1019	1191	0.27%	0.024%
67	12.092	3335	3344	3349	rBV3	6995	10407	2.36%	0.214%
68	12.188	3362	3374	3395	rBV	217972	354175	80.39%	7.269%
69	12.301	3402	3409	3417	rBV5	2090	3150	0.72%	0.065%
70	12.458	3451	3458	3465	rBV4	3948	5529	1.25%	0.113%
71	12.568	3485	3492	3500	rBV	9862	12316	2.80%	0.253%
72	12.680	3517	3527	3549	rBV6	4586	12688	2.88%	0.260%
73	12.803	3561	3565	3571	rBV3	1164	1291	0.29%	0.026%
74	12.854	3577	3581	3582	rBV	796	560	0.13%	0.011%
75	12.921	3594	3602	3604	rBV4	3083	3506	0.80%	0.072%
76	12.966	3610	3616	3623	rVB3	9946	13012	2.95%	0.267%

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 Title : VOC Analysis

77	13.021	3624	3633	3645	rVB	12194	19354	4.39%	0.397%
78	13.323	3722	3727	3736	rVB3	3553	4653	1.06%	0.096%
79	13.401	3742	3751	3755	rBV5	1210	2045	0.46%	0.042%
80	13.442	3756	3764	3781	rVB3	32819	56056	12.72%	1.151%
81	13.516	3782	3787	3790	rBV2	890	846	0.19%	0.017%
82	13.616	3809	3818	3832	rVB	84818	133384	30.28%	2.738%
83	13.777	3862	3868	3869	rBV	1115	838	0.19%	0.017%
84	14.037	3942	3949	3955	rBV7	5178	8021	1.82%	0.165%
85	14.082	3955	3963	3979	rVB2	29827	49043	11.13%	1.007%
86	14.185	3986	3995	4003	rBV3	8572	12022	2.73%	0.247%
87	14.278	4016	4024	4033	rBV3	7027	10651	2.42%	0.219%
88	14.446	4072	4076	4078	rBV2	517	423	0.10%	0.009%
89	14.478	4082	4086	4087	rBV3	805	542	0.12%	0.011%
90	14.584	4110	4119	4131	rBV7	2086	3346	0.76%	0.069%
91	14.680	4138	4149	4159	rVV2	21824	35170	7.98%	0.722%
92	14.802	4182	4187	4189	rBV3	903	743	0.17%	0.015%
93	14.838	4195	4198	4202	rBV2	422	331	0.08%	0.007%
94	15.011	4242	4252	4261	rBV2	22353	33979	7.71%	0.697%
95	15.073	4266	4271	4276	rVB2	1572	1799	0.41%	0.037%
96	15.220	4302	4317	4325	rBV2	17259	29271	6.64%	0.601%
97	15.404	4365	4374	4389	rVV	24780	38916	8.83%	0.799%
98	15.465	4391	4393	4397	rVV4	911	636	0.14%	0.013%
99	15.500	4401	4404	4409	rVB2	1120	831	0.19%	0.017%
100	16.407	4679	4686	4691	rBV5	4213	5745	1.30%	0.118%

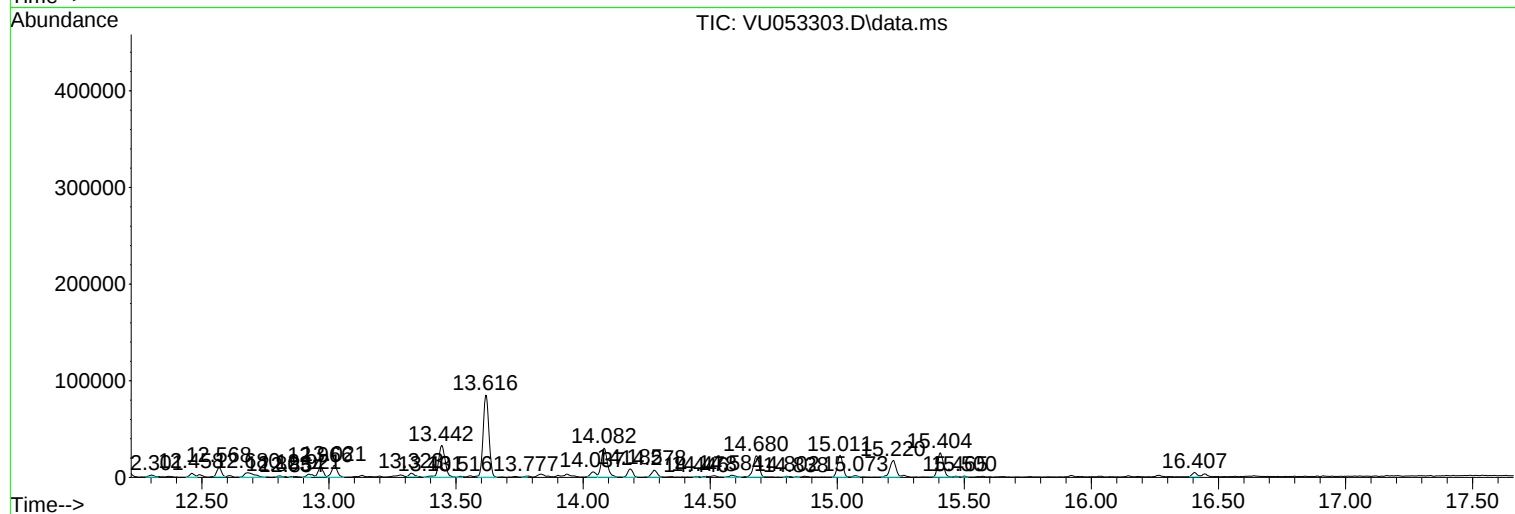
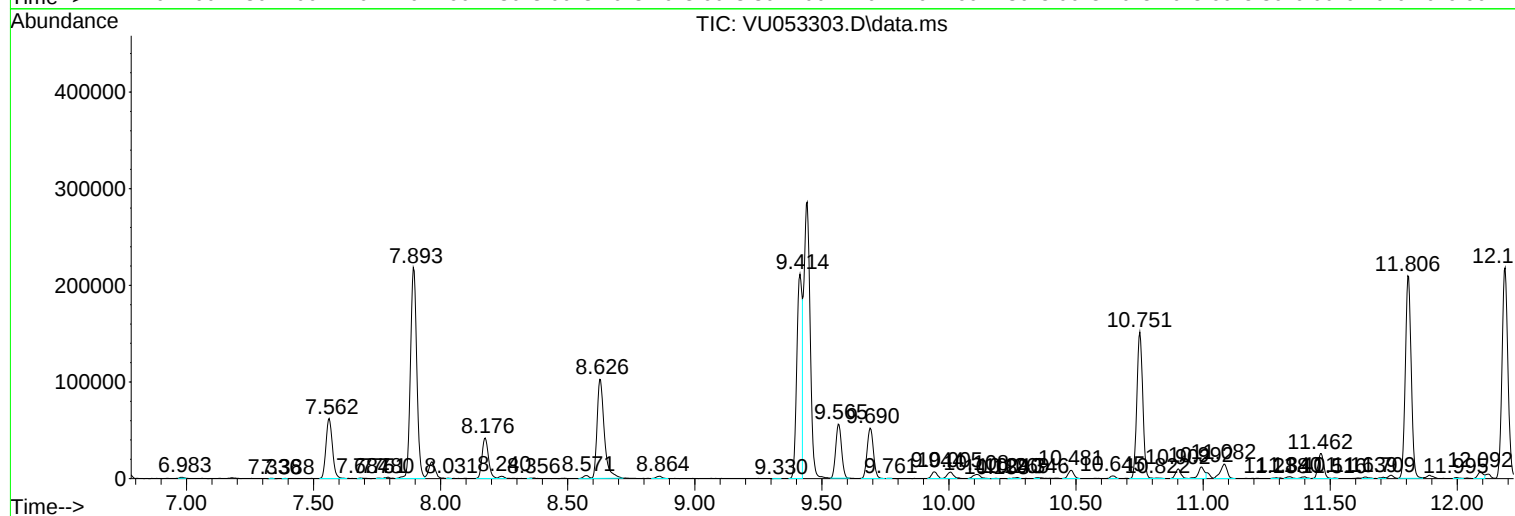
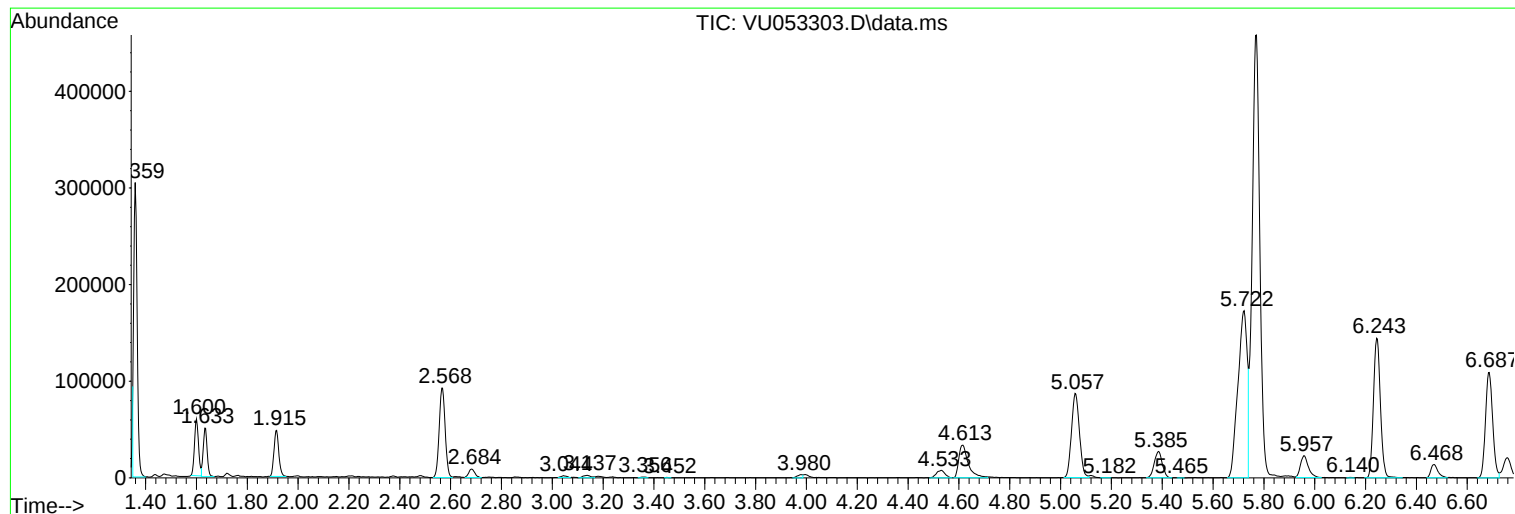
Sum of corrected areas: 4872188

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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



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E0287DL

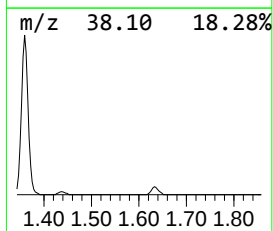
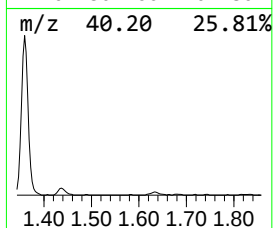
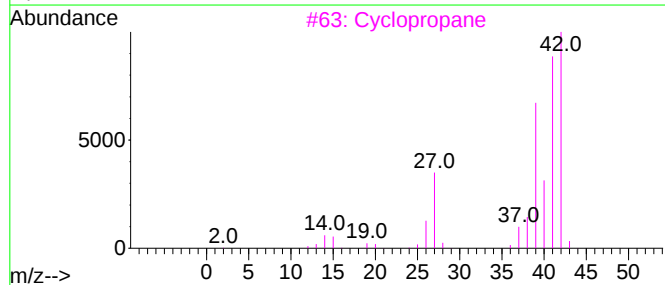
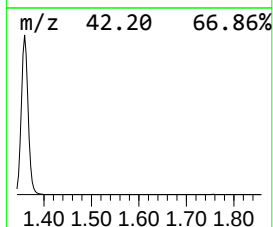
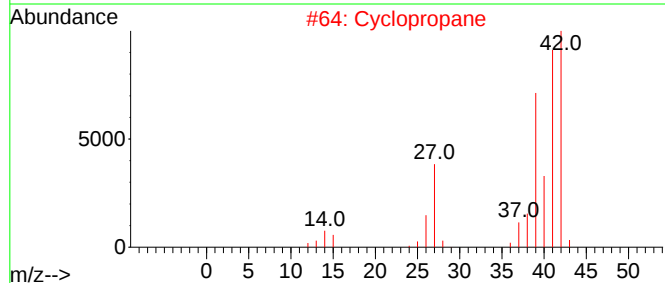
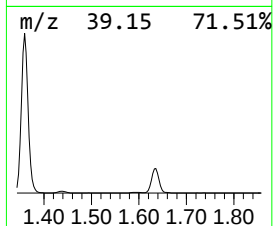
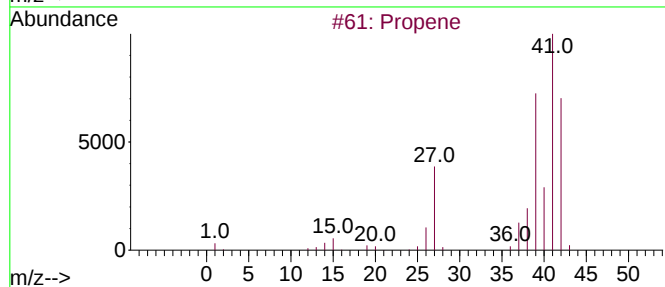
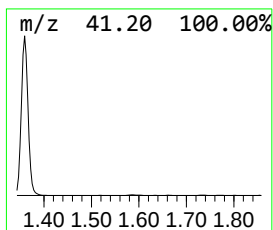
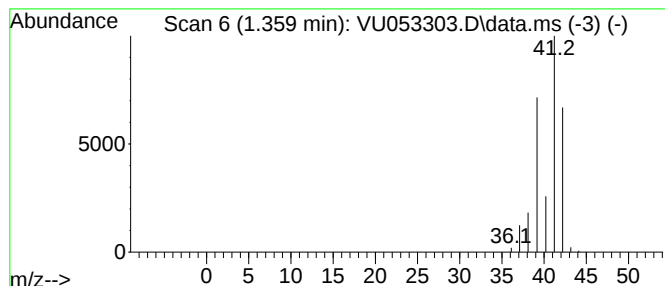
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	49.74 ug/L	273731	1,4-Difluorobenzene	6.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Cyclopropane	42	C3H6	000075-19-4	86
3			Cyclopropane	42	C3H6	000075-19-4	78
4			Propene	42	C3H6	000115-07-1	50
5			Cyclopropene	40	C3H4	002781-85-3	16



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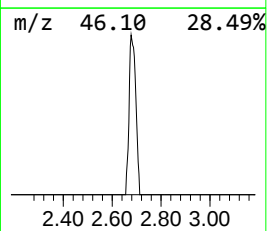
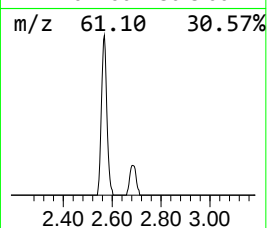
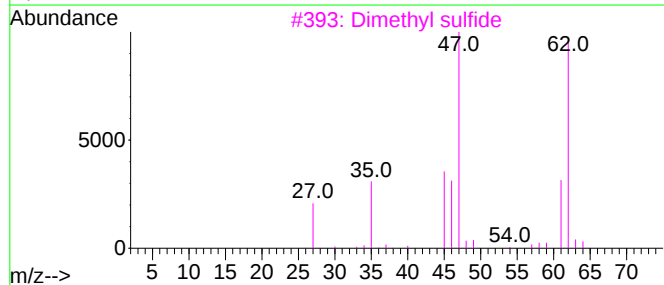
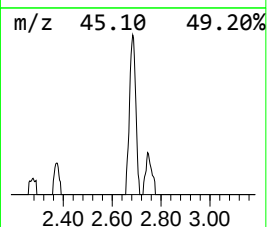
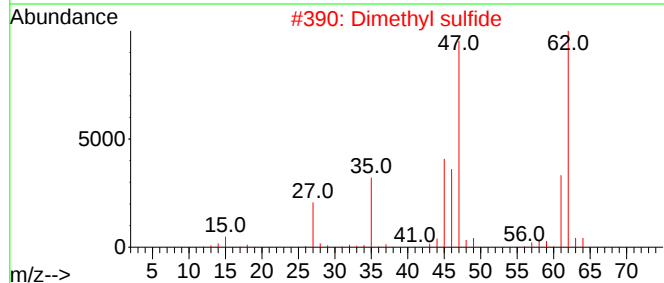
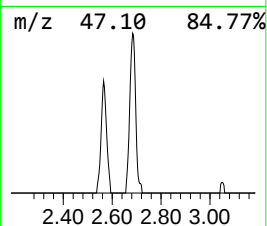
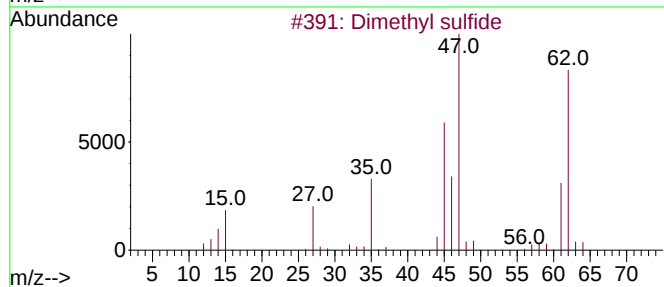
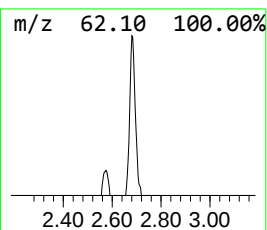
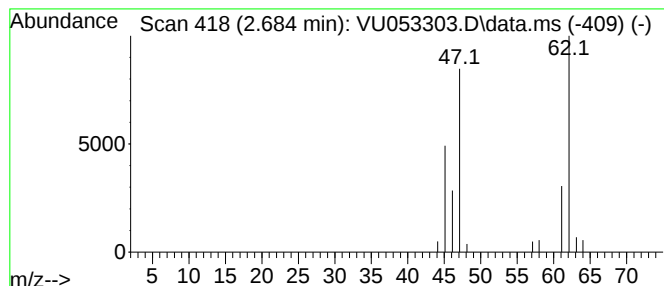
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Dimethyl sulfide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.684	2.72 ug/L	14955	1,4-Difluorobenzene	6.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	91
2			Dimethyl sulfide	62	C2H6S	000075-18-3	91
3			Dimethyl sulfide	62	C2H6S	000075-18-3	91
4			Dimethyl sulfide	62	C2H6S	000075-18-3	91
5			Dimethyl sulfide	62	C2H6S	000075-18-3	91



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ClientSampleId :
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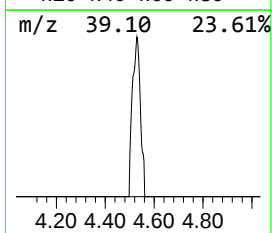
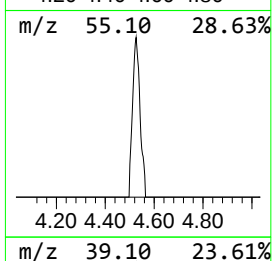
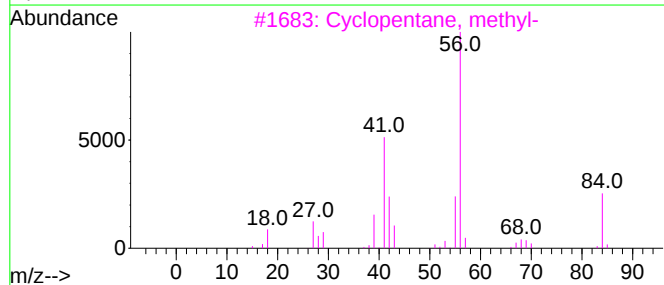
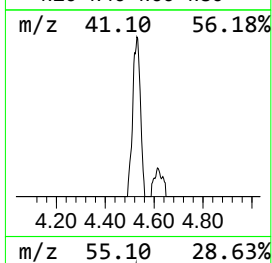
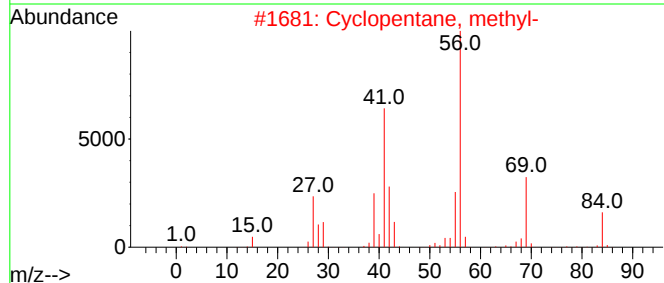
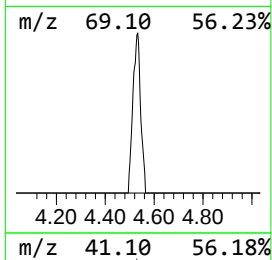
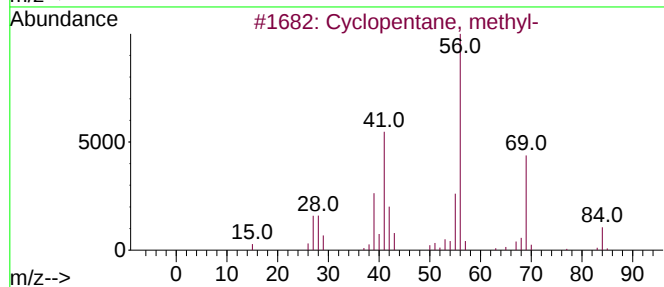
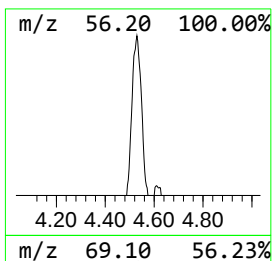
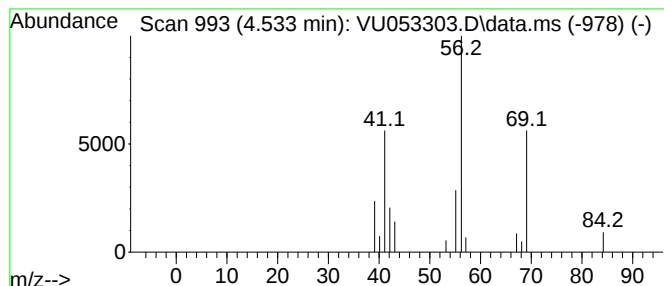
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic4.533 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.533	3.26 ug/L	17955	1,4-Difluorobenzene	6.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	83
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053303.D
Acq On : 20 Mar 2023 13:27
Operator : JC/MD
Sample : 01956-04DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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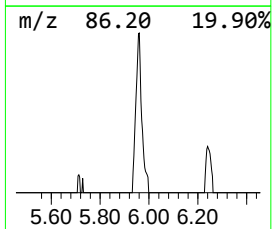
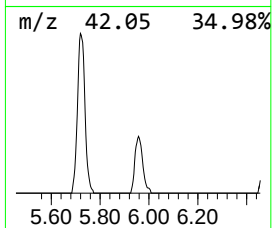
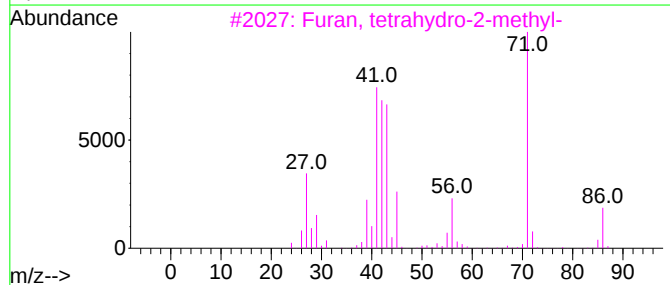
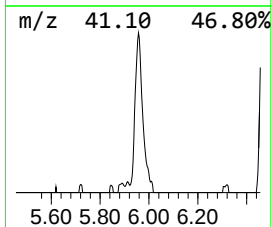
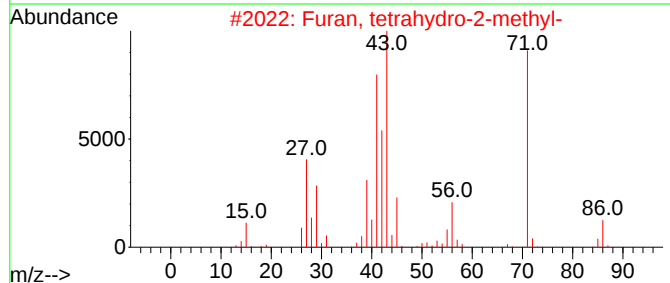
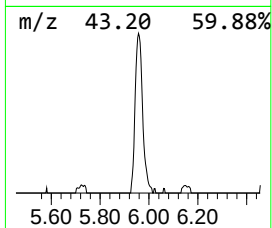
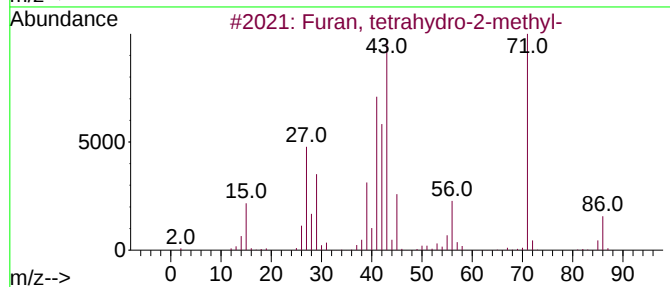
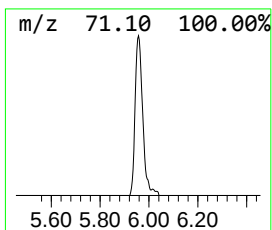
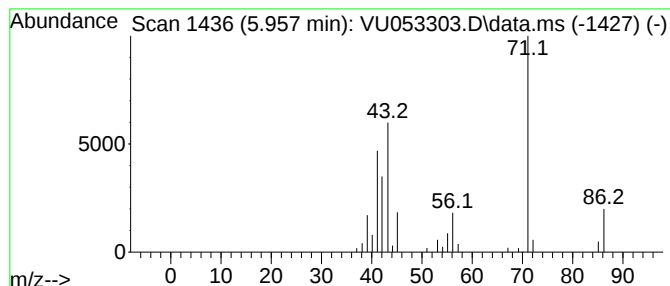
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Quant Title : VOC Analysis

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

Peak Number 4 Furan, tetrahydro-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.957	8.96 ug/L	49289	1,4-Difluorobenzene	6.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	91
2			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	78
3			Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	56
4			Tetrahydrofurfuryl chloride	120	C5H9ClO	003003-84-7	53
5			Prenol	86	C5H10O	000556-82-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053303.D
Acq On : 20 Mar 2023 13:27
Operator : JC/MD
Sample : 01956-04DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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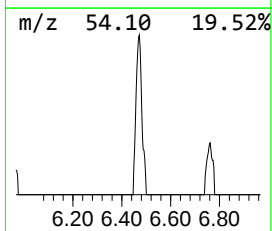
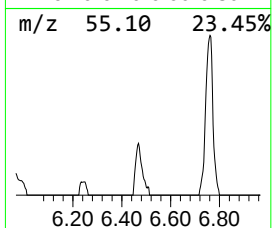
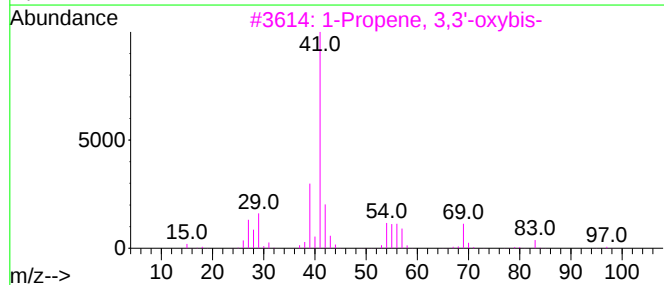
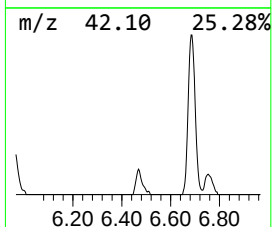
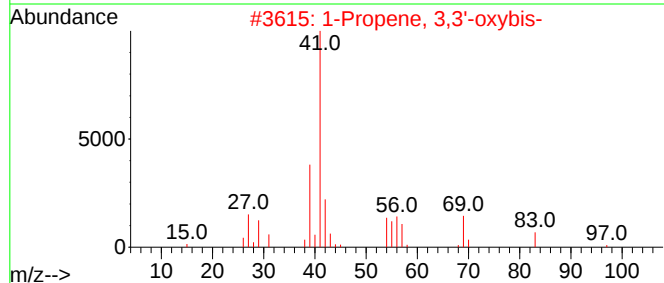
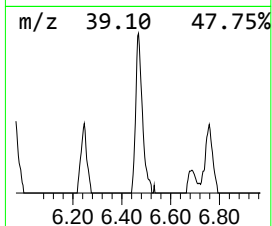
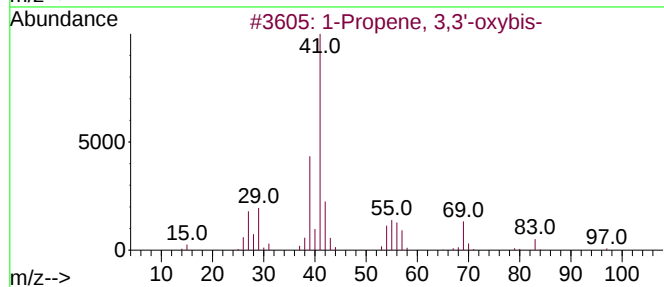
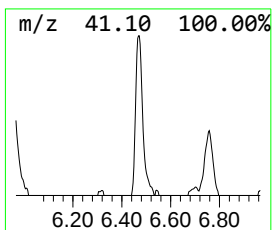
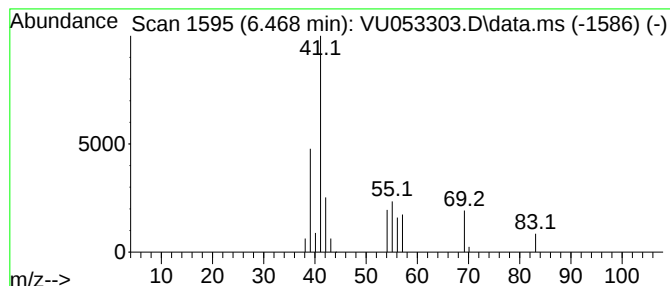
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Quant Title : VOC Analysis

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

Peak Number 5 1-Propene, 3,3'-oxybis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.468	4.89 ug/L	26882	1,4-Difluorobenzene	6.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3,3'-oxybis-			98	C6H10O	000557-40-4	72
2	1-Propene, 3,3'-oxybis-			98	C6H10O	000557-40-4	53
3	1-Propene, 3,3'-oxybis-			98	C6H10O	000557-40-4	50
4	1-Propene, 3,3'-oxybis-			98	C6H10O	000557-40-4	50
5	1,2:4,5:9,10-Triepoxydecane			184	C10H16O3	052338-90-6	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
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Acq On : 20 Mar 2023 13:27
Operator : JC/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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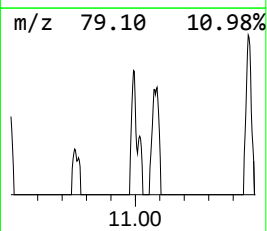
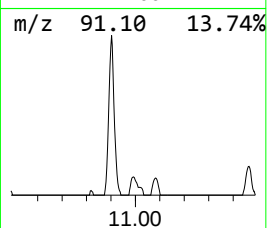
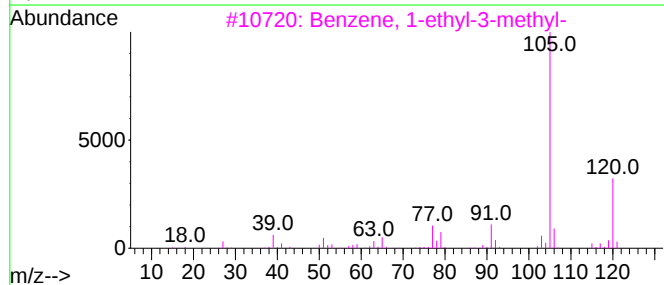
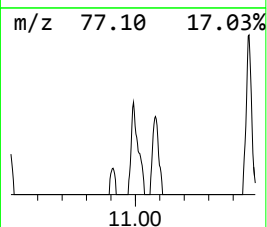
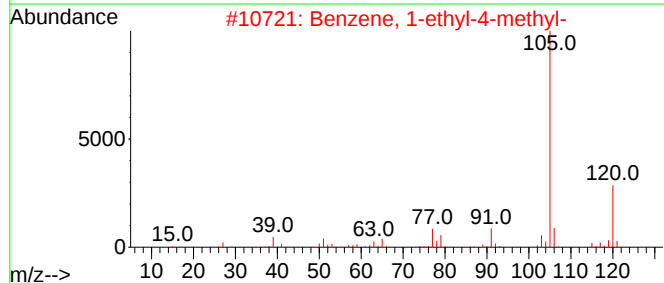
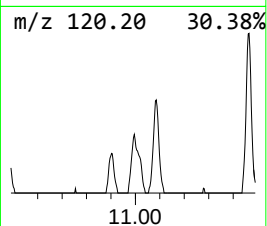
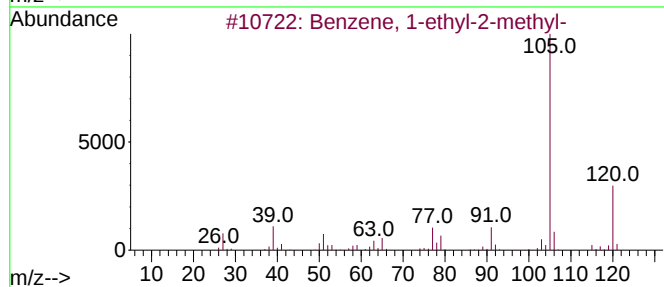
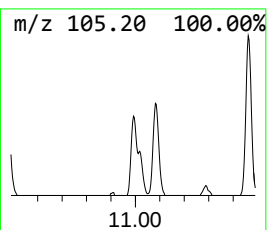
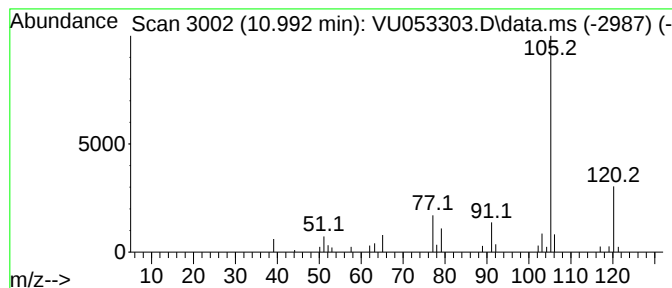
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	3.00 ug/L	20225	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	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053303.D
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Operator : JC/MD
Sample : 01956-04DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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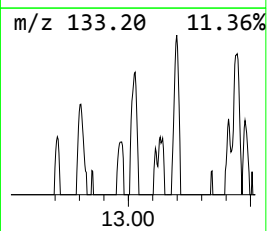
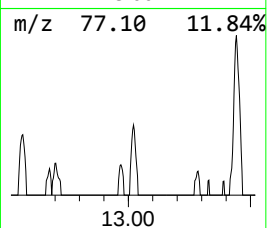
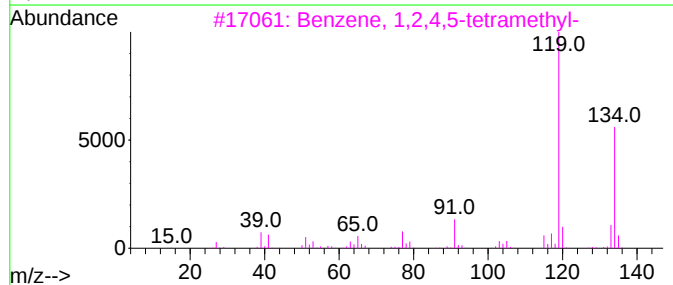
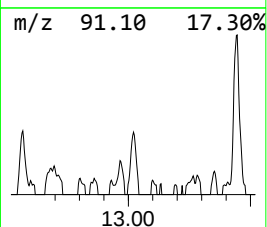
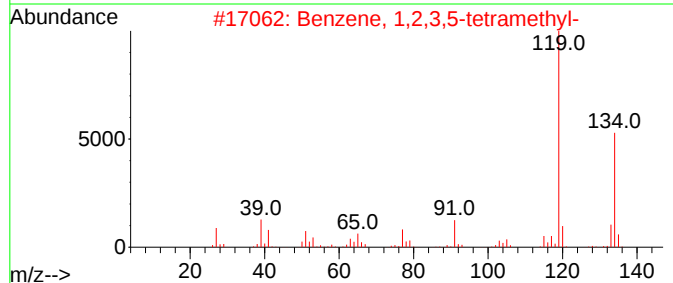
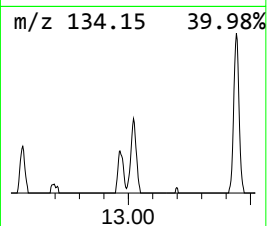
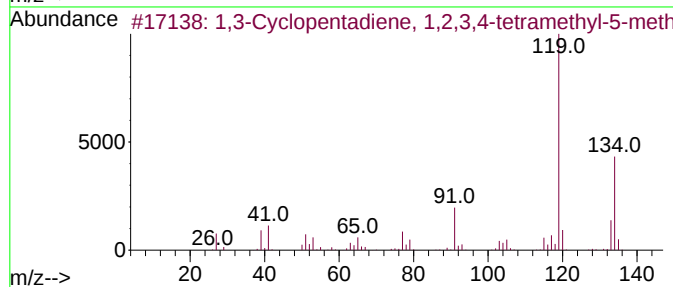
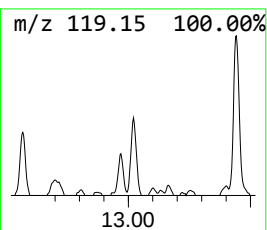
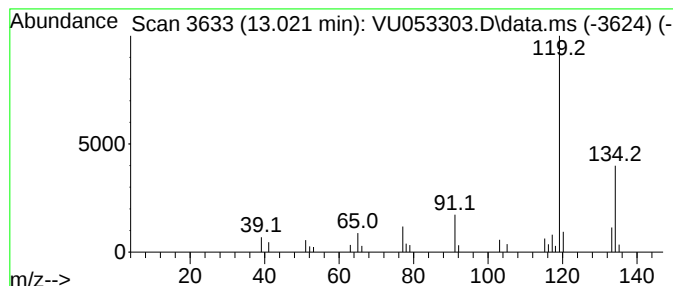
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Quant Title : VOC Analysis

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

Peak Number 8 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	2.87 ug/L	19354	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
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Acq On : 20 Mar 2023 13:27
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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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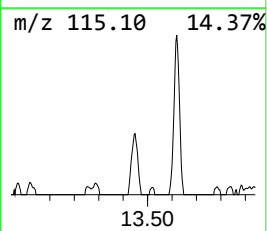
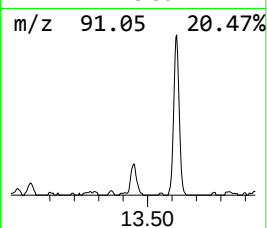
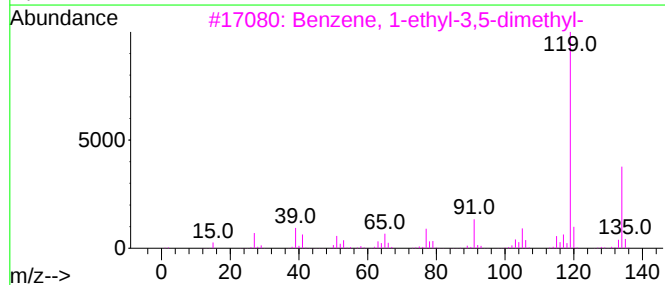
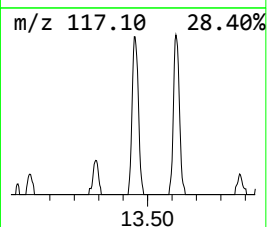
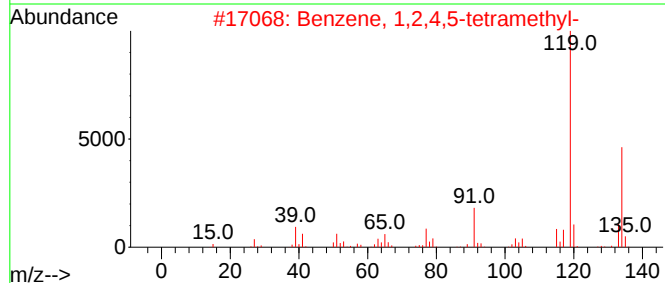
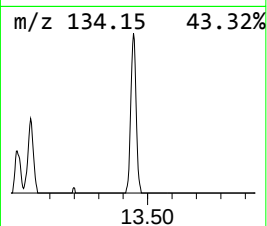
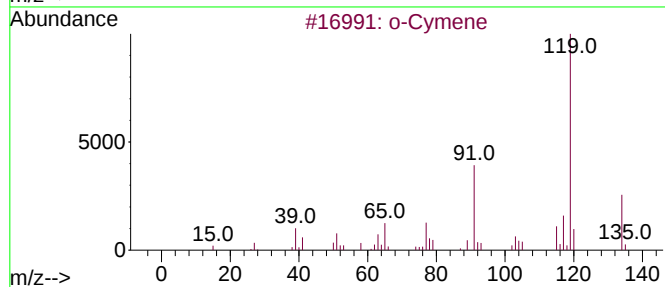
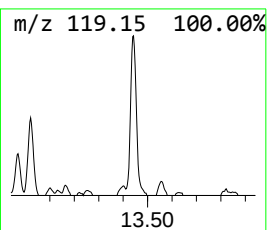
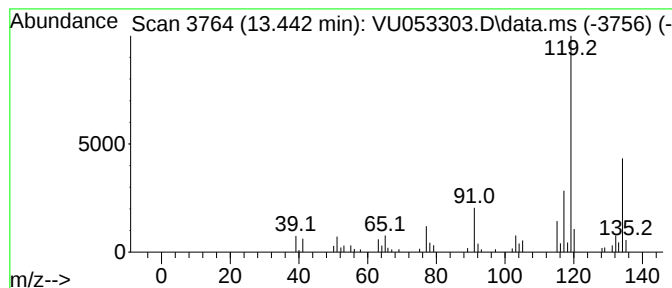
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Quant Title : VOC Analysis

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

Peak Number 9 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.442	8.31 ug/L	56056	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	90
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87



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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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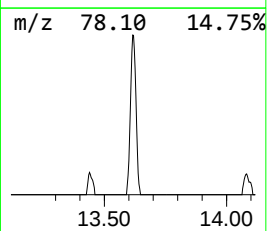
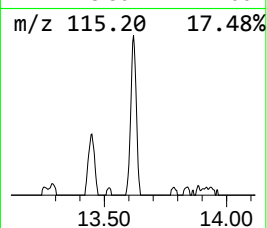
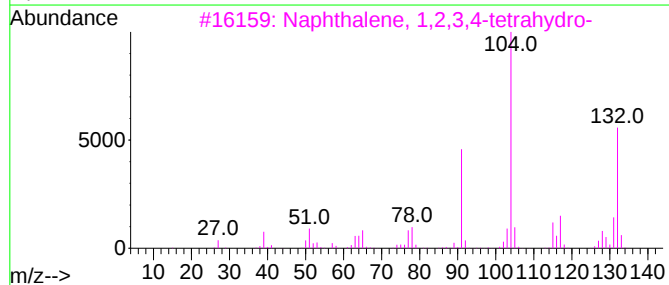
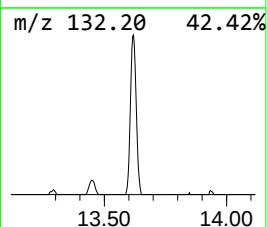
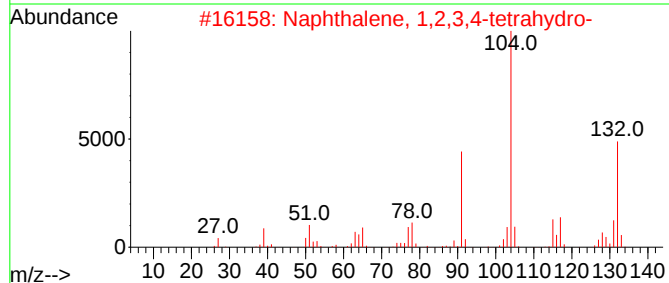
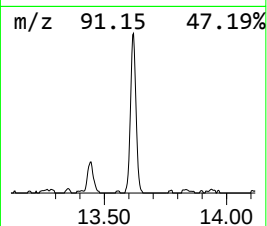
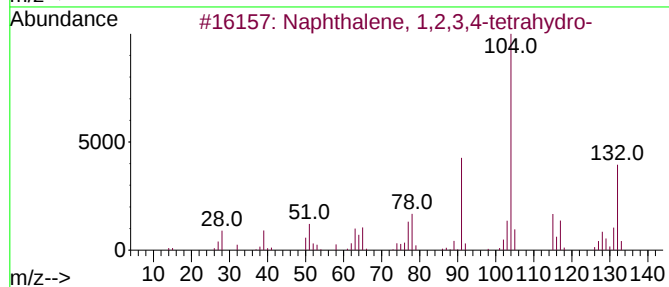
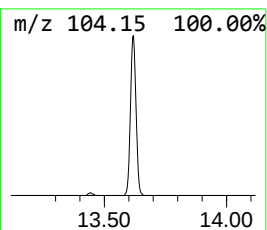
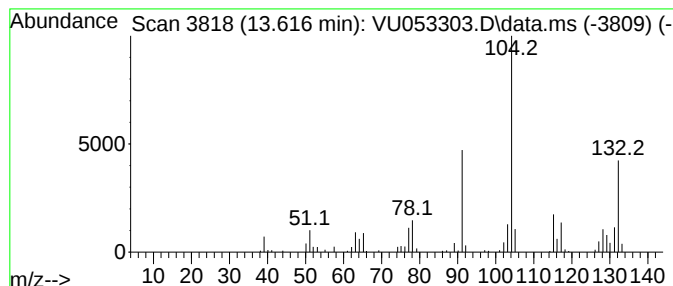
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.616	19.78 ug/L	133384	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053303.D
Acq On : 20 Mar 2023 13:27
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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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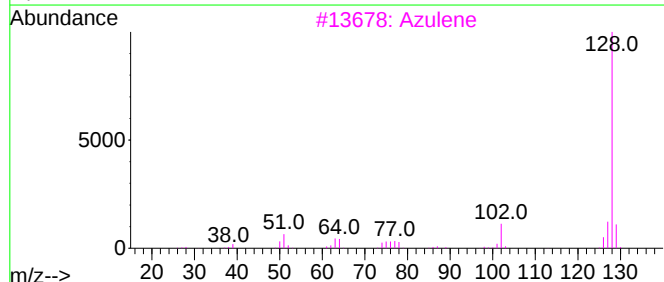
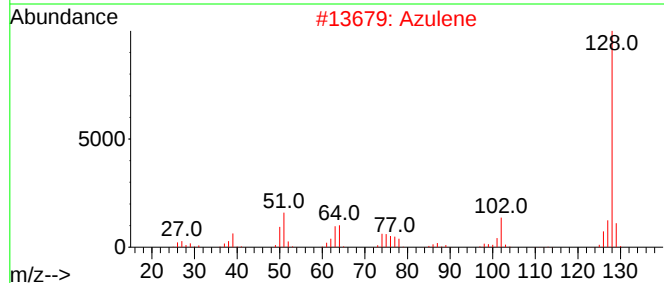
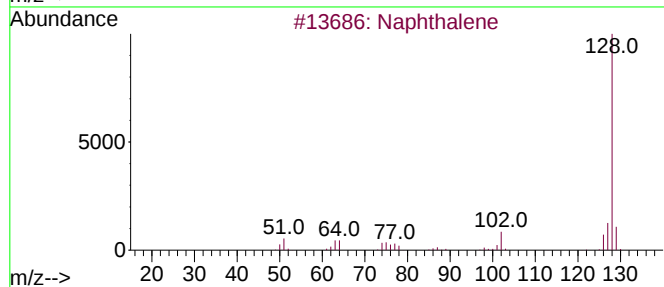
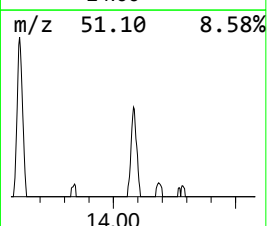
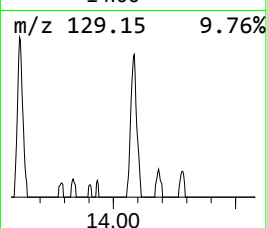
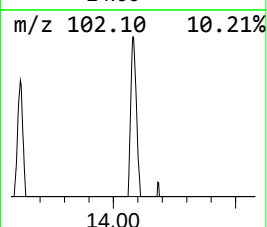
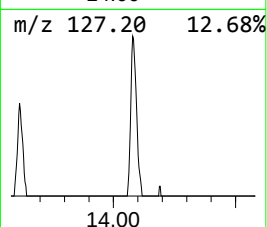
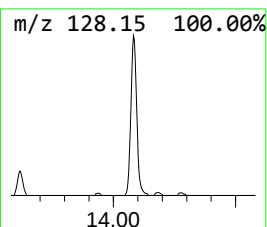
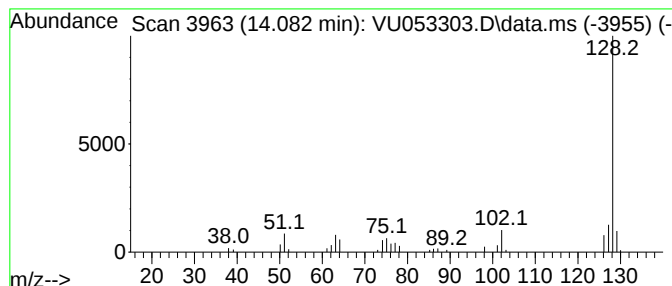
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Quant Title : VOC Analysis

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

Peak Number 11 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	7.27 ug/L	49043	1,4-Dichlorobenzene-d4	11.806

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053303.D
Acq On : 20 Mar 2023 13:27
Operator : JC/MD
Sample : 01956-04DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

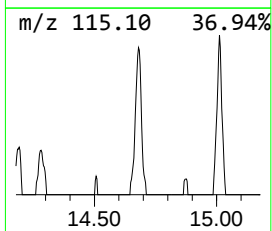
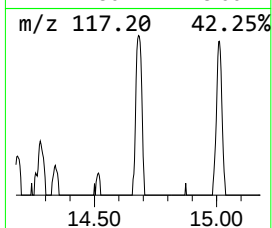
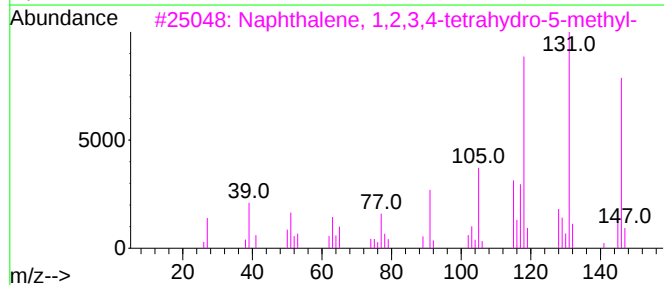
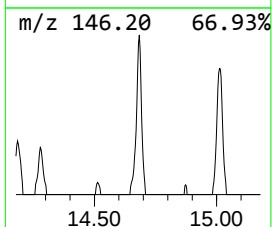
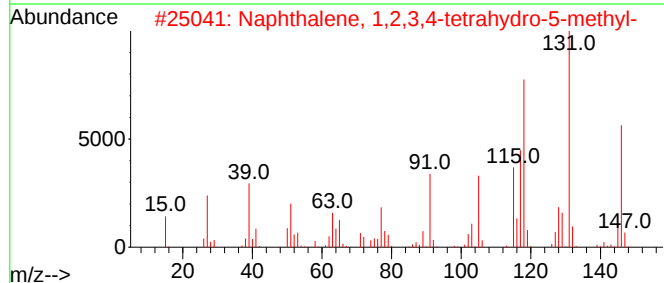
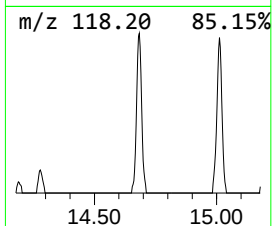
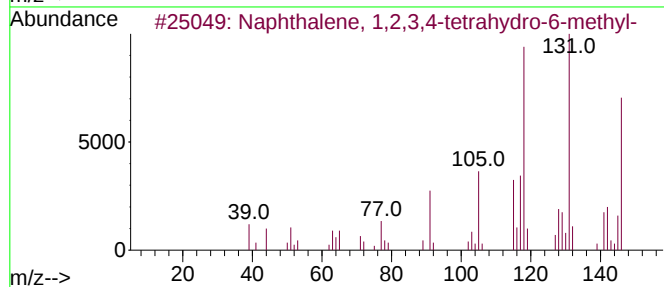
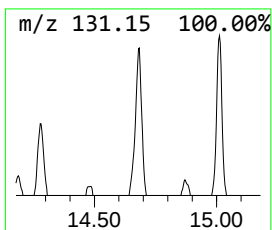
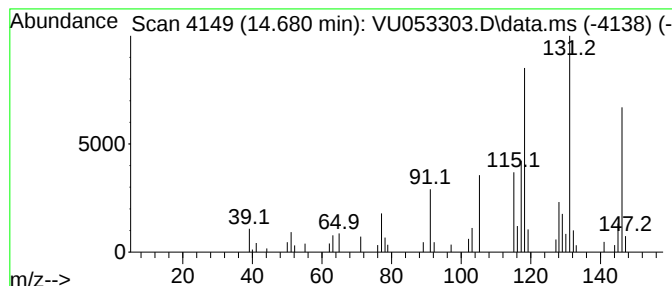
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Quant Title : VOC Analysis

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

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.680	5.22 ug/L	35170	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	98
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053303.D
Acq On : 20 Mar 2023 13:27
Operator : JC/MD
Sample : 01956-04DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

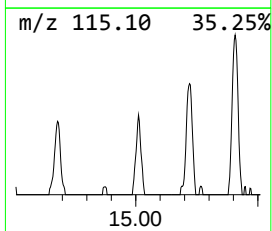
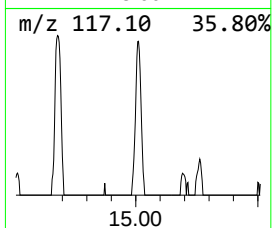
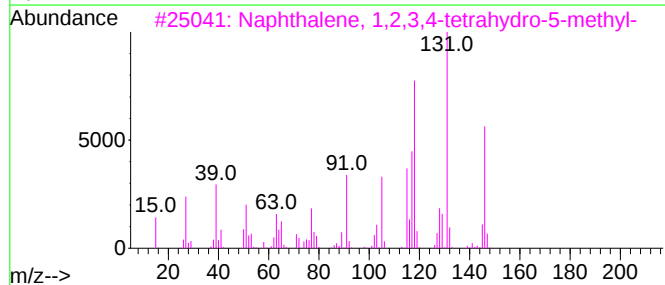
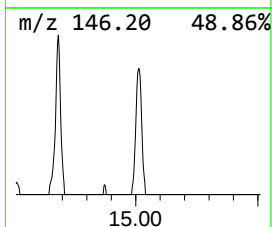
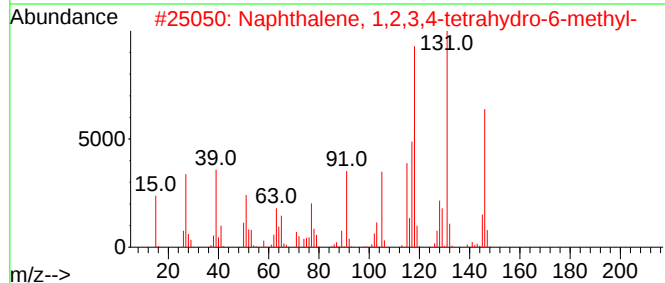
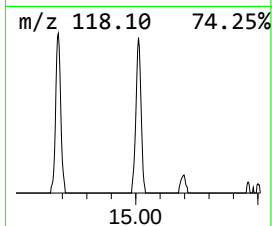
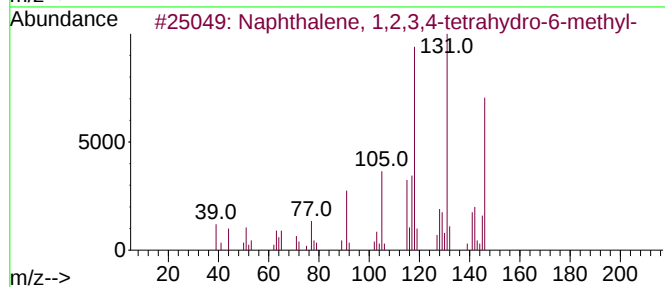
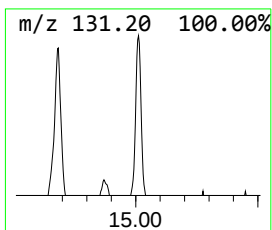
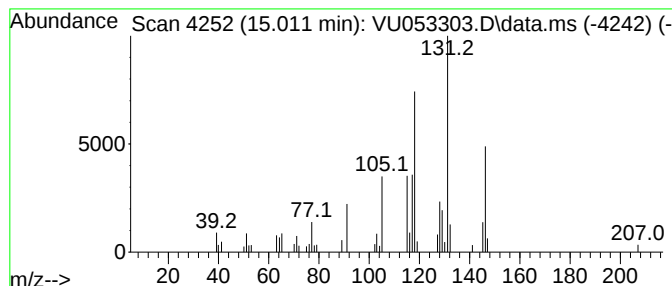
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Quant Title : VOC Analysis

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

Peak Number 13 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.011	5.04 ug/L	33979	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053303.D
Acq On : 20 Mar 2023 13:27
Operator : JC/MD
Sample : 01956-04DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

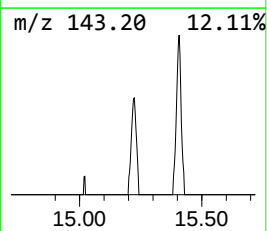
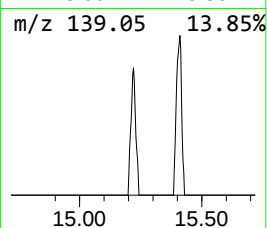
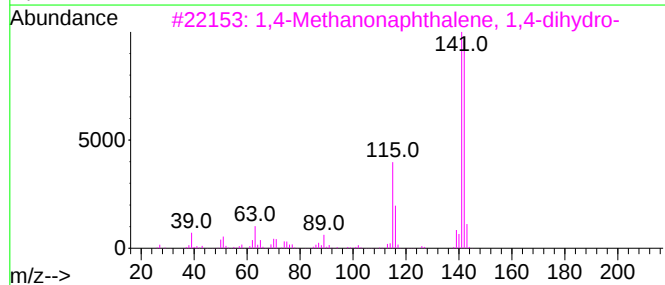
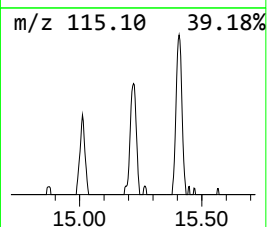
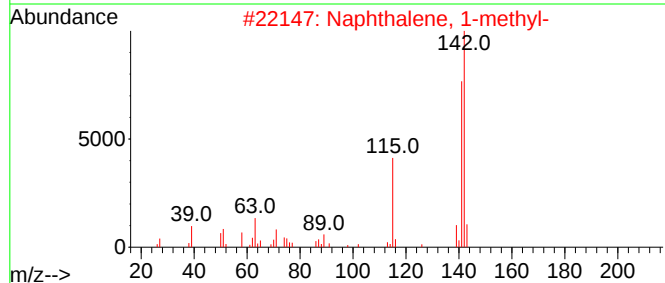
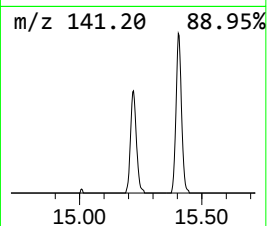
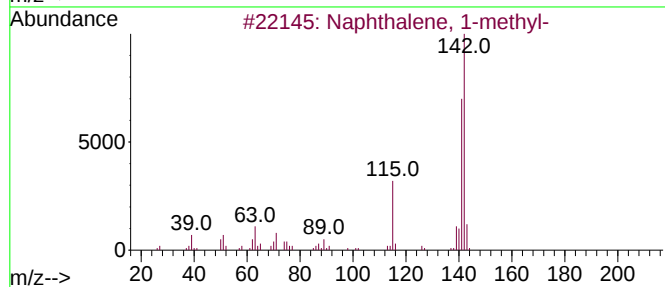
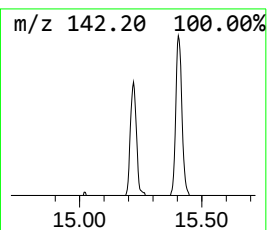
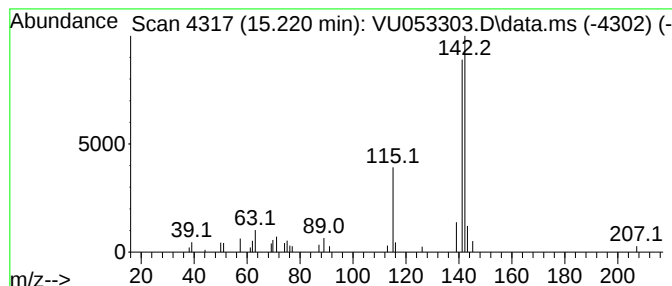
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Quant Title : VOC Analysis

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

Peak Number 14 1,4-Methanonaphthalene, 1,4... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.220	4.34 ug/L	29271	1,4-Dichlorobenzene-d4	11.806

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053303.D
Acq On : 20 Mar 2023 13:27
Operator : JC/MD
Sample : 01956-04DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

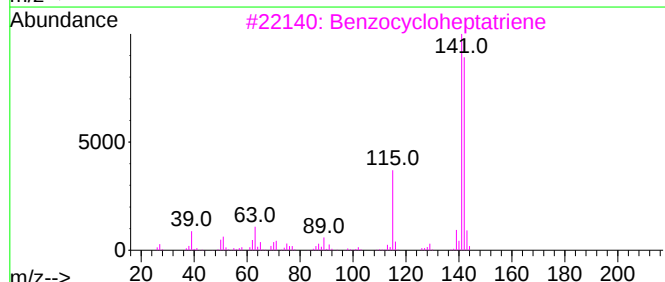
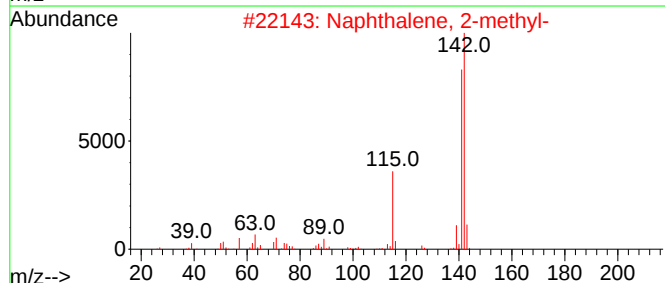
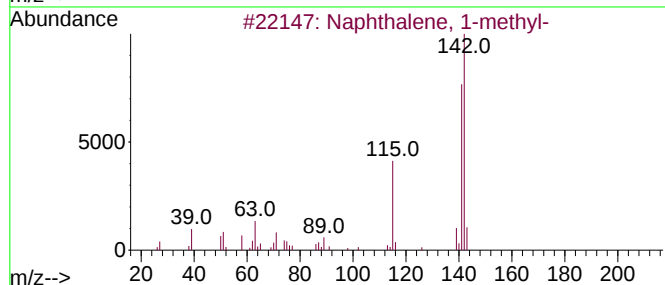
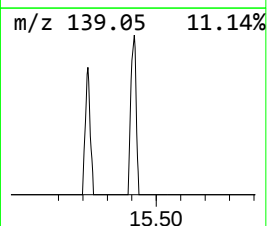
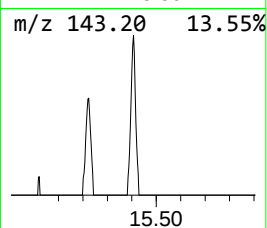
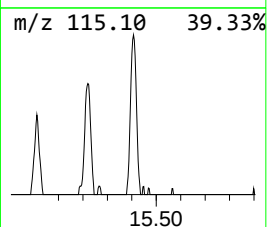
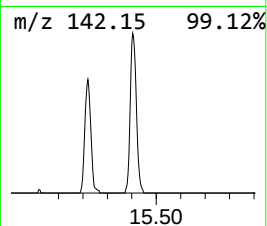
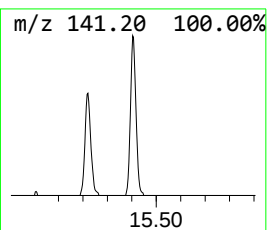
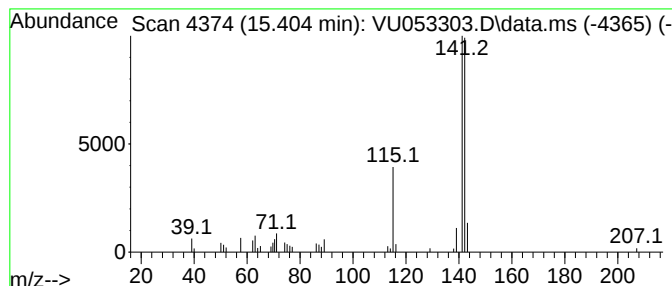
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Quant Title : VOC Analysis

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

Peak Number 15 Benzocycloheptatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	5.77 ug/L	38916	1,4-Dichlorobenzene-d4	11.806

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053303.D
 Acq On : 20 Mar 2023 13:27
 Operator : JC/MD
 Sample : 01956-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0287DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.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...	1.359	49.7	ug/L	273731	1	6.243	275146	50.0
Dimethyl sulfide	2.684	2.7	ug/L	14955	1	6.243	275146	50.0
(DEL) Alkane: C...	4.533	3.3	ug/L	17955	1	6.243	275146	50.0
Furan, tetrahyd...	5.957	9.0	ug/L	49289	1	6.243	275146	50.0
1-Propene, 3,3'...	6.468	4.9	ug/L	26882	1	6.243	275146	50.0
Benzene, 1-ethy...	10.992	3.0	ug/L	20225	3	11.806	337151	50.0
1,3-Cyclopentad...	13.021	2.9	ug/L	19354	3	11.806	337151	50.0
o-Cymene	13.442	8.3	ug/L	56056	3	11.806	337151	50.0
Naphthalene, 1,...	13.616	19.8	ug/L	133384	3	11.806	337151	50.0
Azulene	14.082	7.3	ug/L	49043	3	11.806	337151	50.0
Naphthalene, 1,...	14.680	5.2	ug/L	35170	3	11.806	337151	50.0
Naphthalene, 1,...	15.011	5.0	ug/L	33979	3	11.806	337151	50.0
1,4-Methanonaph...	15.220	4.3	ug/L	29271	3	11.806	337151	50.0
Benzocyclohepta...	15.404	5.8	ug/L	38916	3	11.806	337151	50.0