

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055883.D
 Acq On : 25 Oct 2023 16:45
 Operator : MD/SY
 Sample : 04952-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOAR4

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\SFAMULM101023WMA.M
 Title : VOC Analysis

Signal : TIC: VU055883.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.480	48	59	68	rBV4	112609	203581	2.81%	0.291%
2	1.599	85	96	107	rBV2	376076	609088	8.41%	0.870%
3	1.885	177	185	202	rVB	219012	352445	4.87%	0.503%
4	1.968	204	211	226	rVB2	72184	114441	1.58%	0.163%
5	2.190	273	280	301	rVB3	61119	119802	1.65%	0.171%
6	2.457	354	363	378	rVB	57943	95514	1.32%	0.136%
7	2.557	378	394	409	rBV	539651	904196	12.49%	1.291%
8	3.017	525	537	546	rBV4	30200	83499	1.15%	0.119%
9	3.145	563	577	580	rBV4	51139	124183	1.72%	0.177%
10	3.354	626	642	666	rVB3	171212	403961	5.58%	0.577%
11	3.566	693	708	727	rVV3	41963	99399	1.37%	0.142%
12	3.968	811	833	854	rVV3	191140	503491	6.95%	0.719%
13	4.525	989	1006	1022	rBV	150855	402913	5.56%	0.575%
14	4.615	1024	1034	1084	rVB	245164	672346	9.29%	0.960%
15	5.055	1157	1171	1187	rBV	482393	1076771	14.87%	1.537%
16	5.171	1198	1207	1224	rVB3	68081	152816	2.11%	0.218%
17	5.380	1250	1272	1286	rVV4	134682	334084	4.61%	0.477%
18	5.457	1286	1296	1320	rVB4	46065	128835	1.78%	0.184%
19	5.586	1320	1336	1348	rBV3	48828	113904	1.57%	0.163%
20	5.721	1358	1378	1383	rBV2	960954	2416532	33.37%	3.450%
21	5.766	1383	1392	1410	rVB	3535023	7240982	100.00%	10.338%
22	5.891	1423	1431	1447	rVB4	121333	274905	3.80%	0.392%
23	6.245	1527	1541	1551	rBV	575911	1128035	15.58%	1.610%
24	6.563	1629	1640	1662	rVB7	93180	231005	3.19%	0.330%
25	6.685	1662	1678	1690	rBV	567389	1135273	15.68%	1.621%
26	6.756	1691	1700	1711	rVB2	159481	309975	4.28%	0.443%
27	7.155	1810	1824	1829	rBV6	44557	88337	1.22%	0.126%
28	7.393	1883	1898	1908	rBV	155211	328256	4.53%	0.469%
29	7.563	1939	1951	1967	rVB	327280	592689	8.19%	0.846%
30	7.698	1983	1993	2002	rBV2	75527	143640	1.98%	0.205%
31	7.753	2002	2010	2027	rVB	149626	272001	3.76%	0.388%
32	7.856	2029	2042	2043	rBV3	68090	93478	1.29%	0.133%
33	7.894	2044	2054	2069	rVV	1196209	2100071	29.00%	2.998%
34	7.968	2070	2077	2087	rVB	62841	105969	1.46%	0.151%
35	8.177	2126	2142	2154	rBV	236134	462173	6.38%	0.660%
36	8.409	2206	2214	2228	rVV4	89701	182879	2.53%	0.261%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Title : VOC Analysis

37	8.486	2228	2238	2249	rVV2	57858	106919	1.48%	0.153%
38	8.634	2272	2284	2298	rBV	934584	1687173	23.30%	2.409%
39	8.788	2324	2332	2346	rVB3	148765	292679	4.04%	0.418%
40	9.270	2472	2482	2491	rBV2	61776	106847	1.48%	0.153%
41	9.338	2491	2503	2515	rVB3	77771	156627	2.16%	0.224%
42	9.415	2515	2527	2530	rBV	932019	1360064	18.78%	1.942%
43	9.444	2531	2536	2567	rVV2	1485734	2707059	37.39%	3.865%
44	9.573	2568	2576	2595	rVV5	32707	81654	1.13%	0.117%
45	9.688	2602	2612	2626	rVB6	73478	181219	2.50%	0.259%
46	9.759	2626	2634	2644	rBV2	111965	178950	2.47%	0.255%
47	9.823	2644	2654	2662	rBV2	143863	233119	3.22%	0.333%
48	9.971	2685	2700	2707	rBV3	83706	175361	2.42%	0.250%
49	10.023	2709	2716	2729	rVV8	74840	173507	2.40%	0.248%
50	10.097	2731	2739	2756	rVB	166159	280511	3.87%	0.400%
51	10.264	2771	2791	2807	rBV	89529	317539	4.39%	0.453%
52	10.357	2810	2820	2825	rBV5	85763	160392	2.22%	0.229%
53	10.479	2847	2858	2868	rVV	477024	759214	10.48%	1.084%
54	10.547	2869	2879	2890	rVB7	52866	119648	1.65%	0.171%
55	10.753	2931	2943	2954	rBV	1000947	1616587	22.33%	2.308%
56	10.856	2968	2975	2979	rBV2	64066	85106	1.18%	0.122%
57	10.901	2979	2989	3005	rVV	1331614	2161931	29.86%	3.087%
58	11.290	3100	3110	3130	rBV2	307140	619022	8.55%	0.884%
59	11.412	3140	3148	3156	rBV5	67018	105042	1.45%	0.150%
60	11.608	3200	3209	3212	rBV	124625	180602	2.49%	0.258%
61	11.637	3213	3218	3230	rVB	278630	438680	6.06%	0.626%
62	11.807	3260	3271	3288	rVB	1065298	1919127	26.50%	2.740%
63	11.891	3290	3297	3313	rVV	78800	137512	1.90%	0.196%
64	12.003	3327	3332	3346	rVB	71784	120517	1.66%	0.172%
65	12.090	3347	3359	3371	rBV	2014804	3196023	44.14%	4.563%
66	12.190	3379	3390	3411	rVB2	1485586	2860808	39.51%	4.084%
67	12.299	3415	3424	3440	rVV2	164257	316689	4.37%	0.452%
68	12.373	3442	3447	3462	rVB2	65211	116487	1.61%	0.166%
69	12.566	3496	3507	3515	rBV	1684334	2537862	35.05%	3.623%
70	12.608	3515	3520	3530	rVV	319197	473727	6.54%	0.676%
71	12.679	3532	3542	3561	rVB2	1015775	1982751	27.38%	2.831%
72	12.968	3623	3632	3645	rVB	1102104	1688151	23.31%	2.410%
73	13.106	3667	3675	3691	rVB5	87441	171360	2.37%	0.245%
74	13.248	3712	3719	3723	rVV2	103492	150411	2.08%	0.215%
75	13.289	3724	3732	3750	rVB	852825	1322253	18.26%	1.888%
76	13.447	3761	3781	3798	rBV3	2599060	4692463	64.80%	6.699%

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 Title : VOC Analysis

77	13.556	3809	3815	3829	rVV	113293	175621	2.43%	0.251%
78	13.624	3830	3836	3848	rVB6	70815	123564	1.71%	0.176%
79	13.733	3861	3870	3876	rBV	132240	209786	2.90%	0.300%
80	13.781	3876	3885	3892	rVV2	279789	464624	6.42%	0.663%
81	13.833	3892	3901	3910	rVB5	406872	683188	9.44%	0.975%
82	13.907	3917	3924	3927	rBV2	115689	169793	2.34%	0.242%
83	13.936	3927	3933	3949	rVB2	394653	836980	11.56%	1.195%
84	14.113	3982	3988	4000	rVB	79809	138963	1.92%	0.198%
85	14.187	4002	4011	4024	rVB4	126639	219855	3.04%	0.314%
86	14.280	4025	4040	4051	rBV5	305631	614642	8.49%	0.878%
87	14.341	4052	4059	4069	rVB2	141843	206615	2.85%	0.295%
88	14.479	4092	4102	4120	rBV	296506	535599	7.40%	0.765%
89	14.666	4149	4160	4183	rVB3	330423	838598	11.58%	1.197%
90	14.804	4195	4203	4215	rVV2	153278	256219	3.54%	0.366%
91	14.871	4215	4224	4235	rVB2	272442	453558	6.26%	0.648%
92	14.939	4236	4245	4257	rVB5	54246	90793	1.25%	0.130%
93	15.013	4258	4268	4281	rBV3	179045	329734	4.55%	0.471%
94	15.167	4303	4316	4320	rBV	78411	142295	1.97%	0.203%
95	15.405	4378	4390	4402	rBV	1845004	3008657	41.55%	4.295%
96	15.923	4540	4551	4566	rBV3	59232	113329	1.57%	0.162%
97	16.145	4611	4620	4626	rBV	90257	141910	1.96%	0.203%
98	16.254	4646	4654	4662	rBV	84180	131883	1.82%	0.188%
99	16.405	4691	4701	4707	rBV	243874	376818	5.20%	0.538%
100	16.444	4708	4713	4728	rVB2	127343	207427	2.86%	0.296%

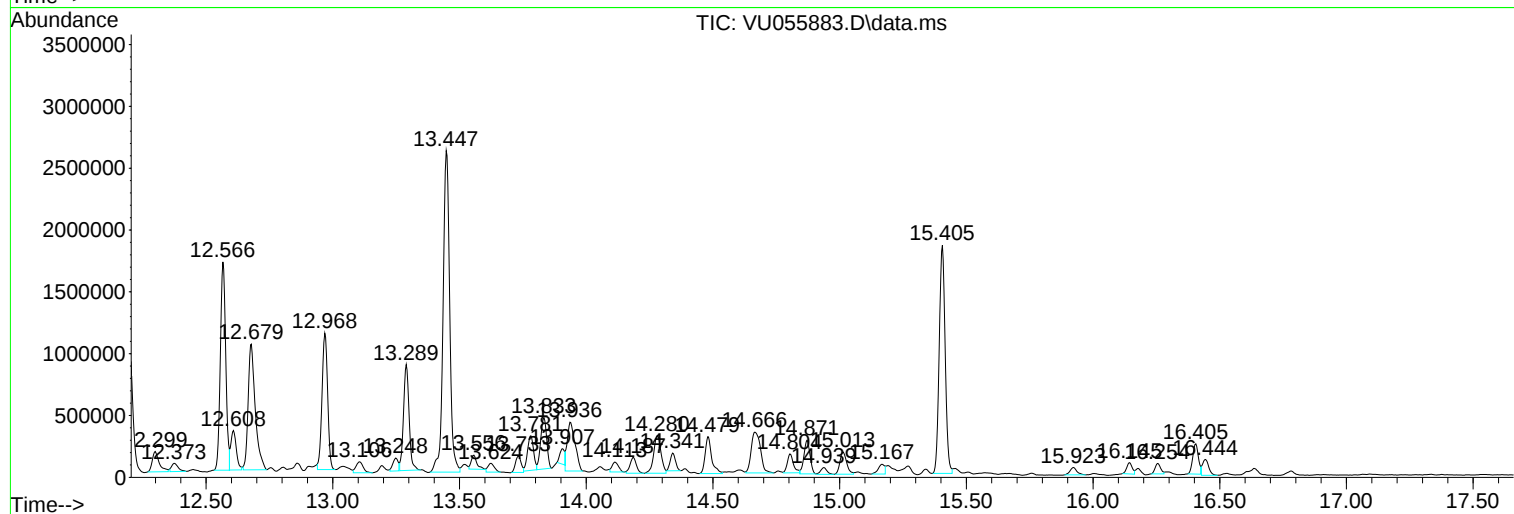
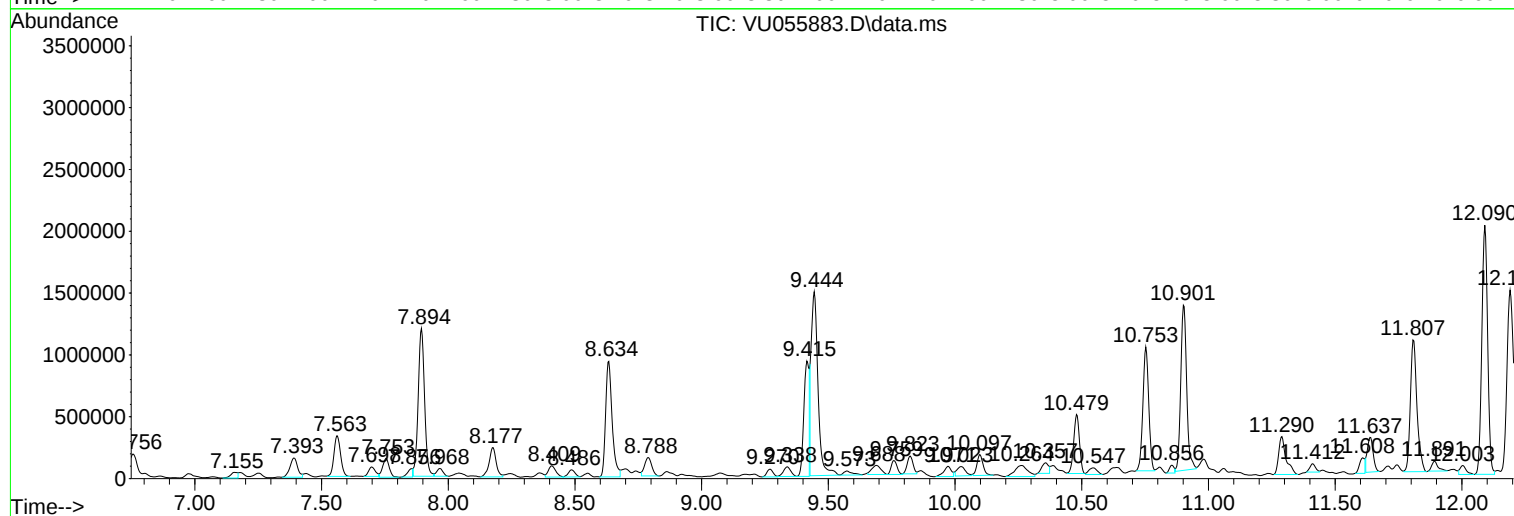
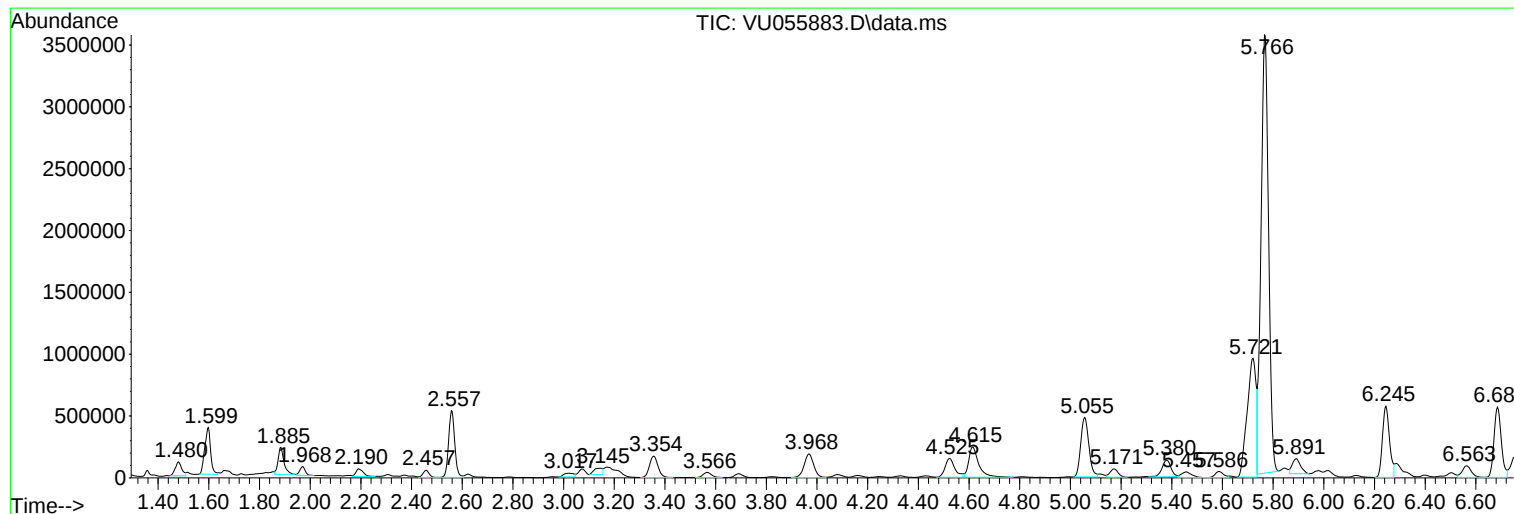
Sum of corrected areas: 70043513

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Instrument :
MSVOA_U
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EOAR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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



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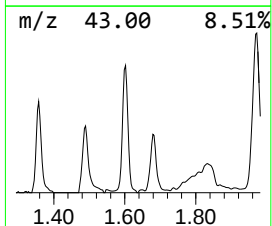
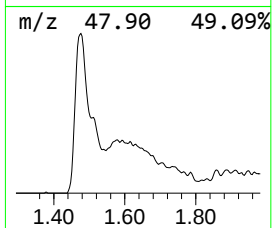
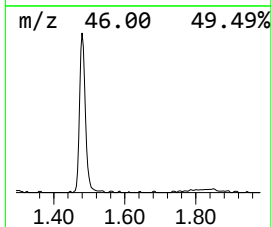
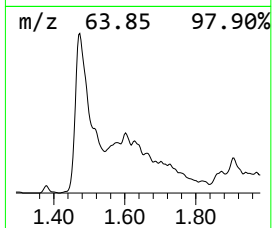
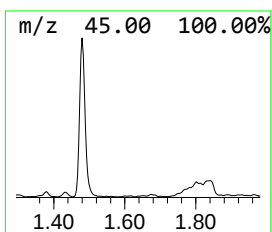
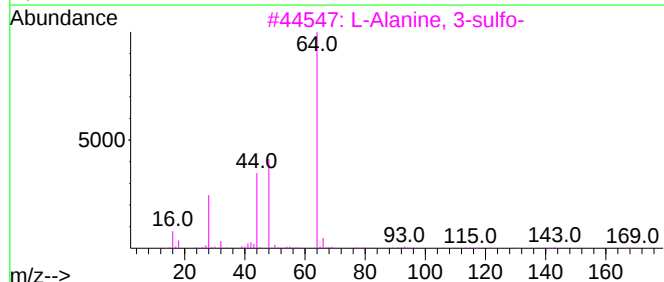
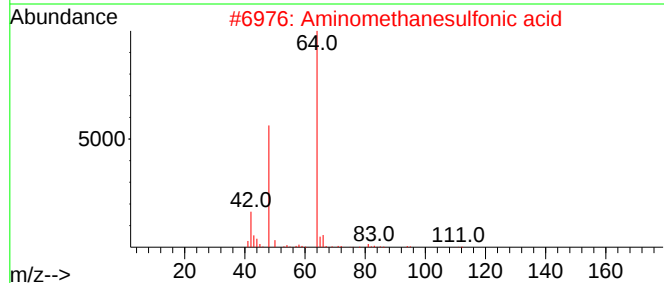
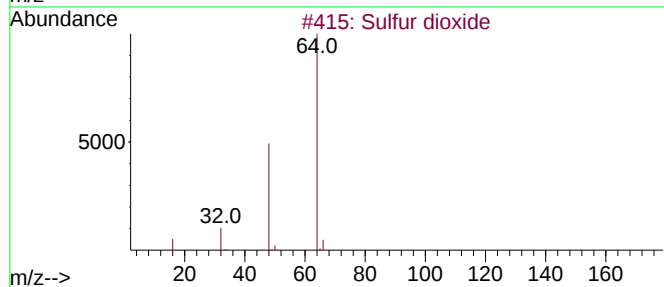
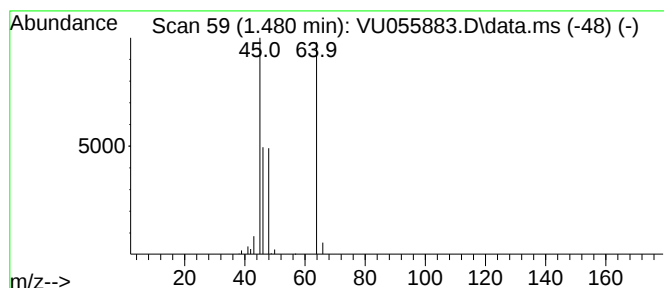
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.480	9.02 ug/L	203581	1,4-Difluorobenzene	6.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	64
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	38
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	38
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	38
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7



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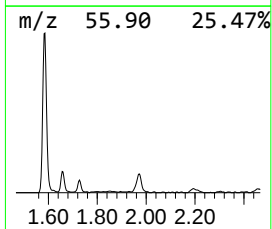
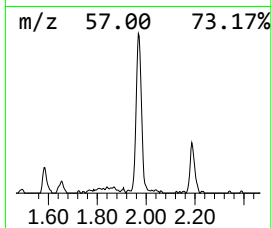
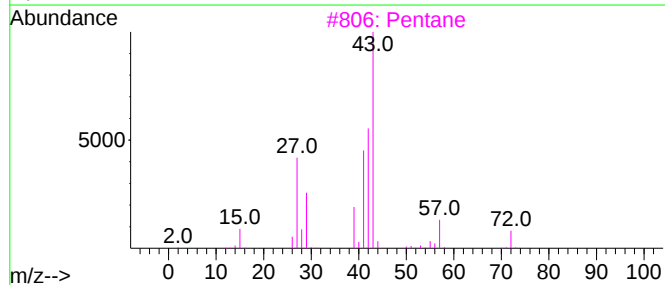
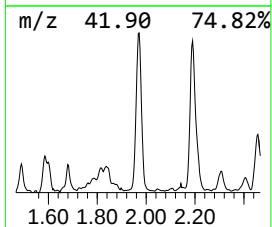
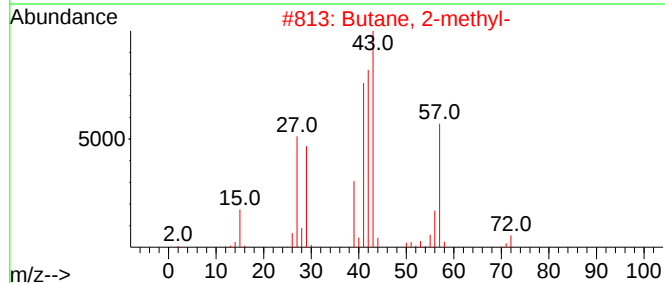
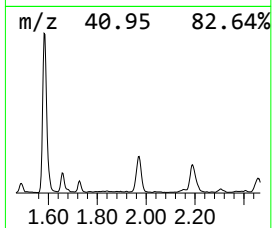
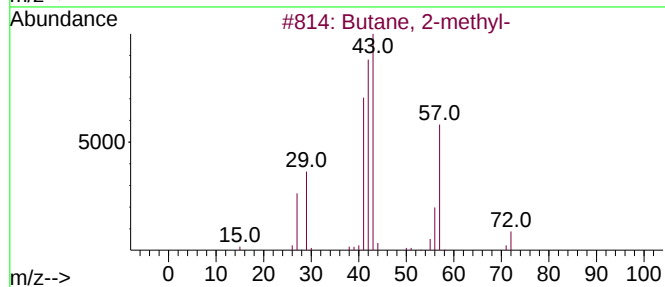
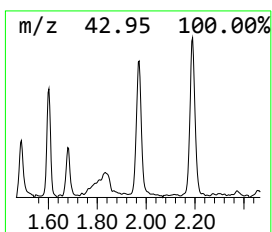
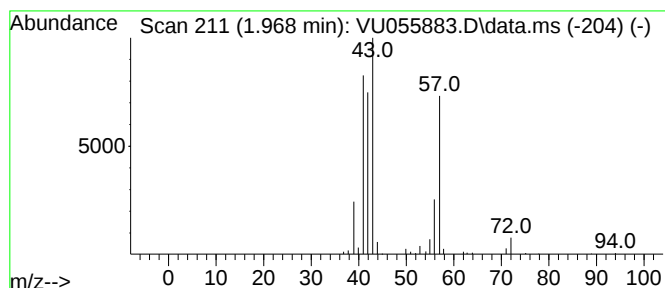
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.968	5.07 ug/L	114441	1,4-Difluorobenzene	6.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	90
2		Butane, 2-methyl-	72	C5H12	000078-78-4	86
3		Pentane	72	C5H12	000109-66-0	45
4		Pentane	72	C5H12	000109-66-0	38
5		3-Buten-1-ol	72	C4H8O	000627-27-0	37



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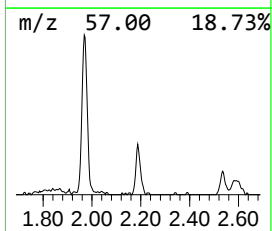
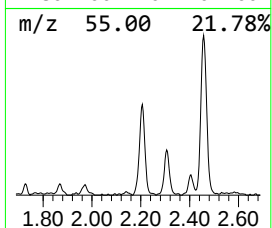
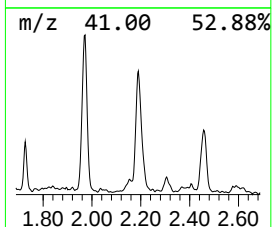
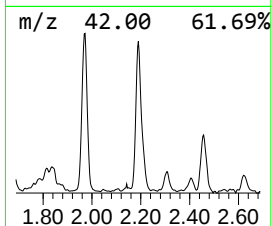
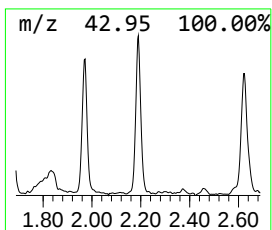
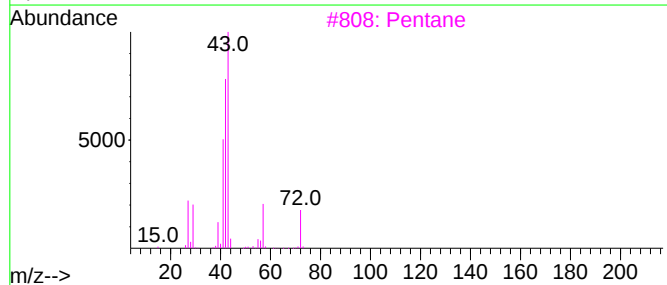
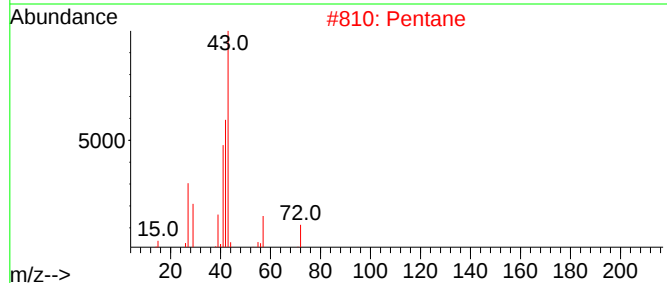
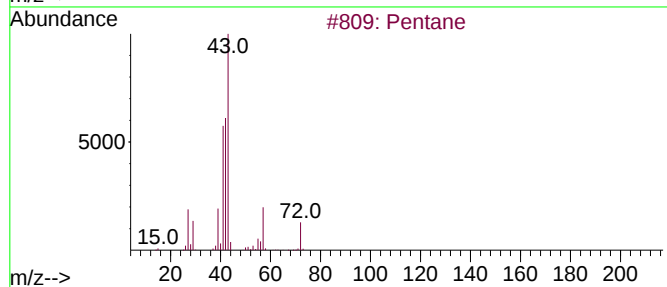
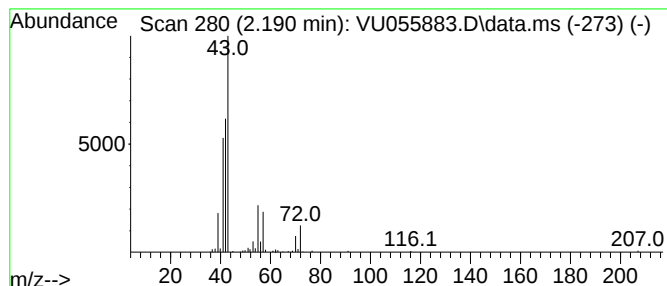
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.190	5.31 ug/L	119802	1,4-Difluorobenzene	6.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	80
2	Pentane			72	C5H12	000109-66-0	80
3	Pentane			72	C5H12	000109-66-0	72
4	Pentane			72	C5H12	000109-66-0	64
5	Cyclobutane, methyl-			70	C5H10	000598-61-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

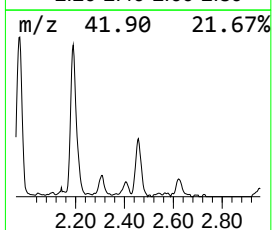
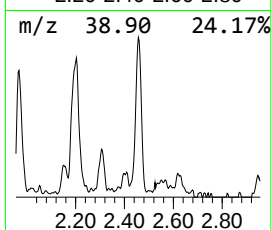
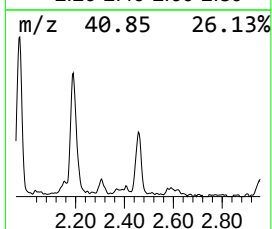
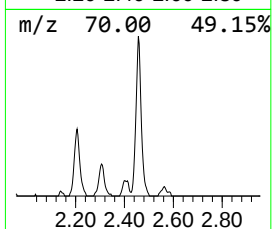
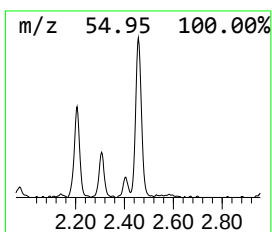
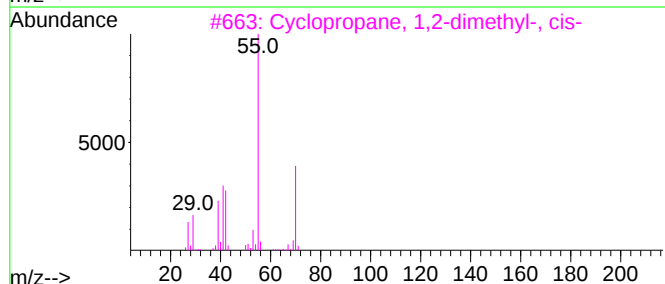
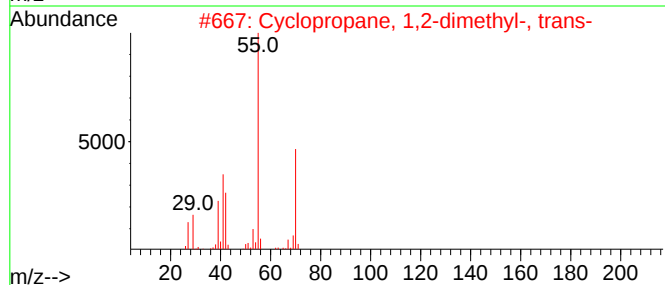
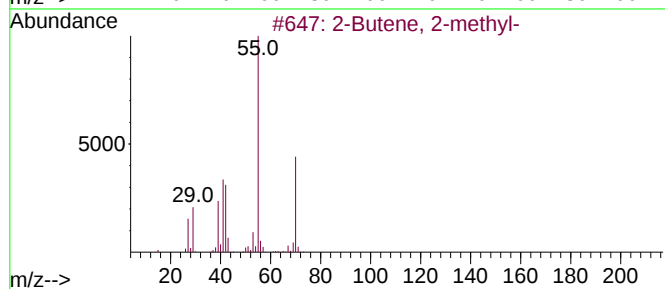
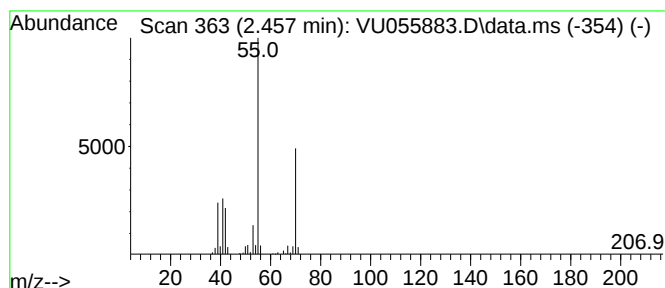
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.457	4.23 ug/L	95514	1,4-Difluorobenzene	6.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-			70	C5H10	000513-35-9	90
2	Cyclopropane, 1,2-dimethyl-, trans-			70	C5H10	002402-06-4	87
3	Cyclopropane, 1,2-dimethyl-, cis-			70	C5H10	000930-18-7	87
4	1-Butene, 3-methyl-			70	C5H10	000563-45-1	86
5	Cyclopropane, 1,1-dimethyl-			70	C5H10	001630-94-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

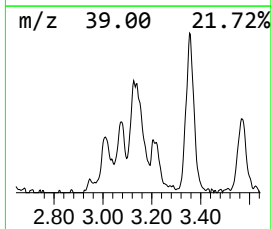
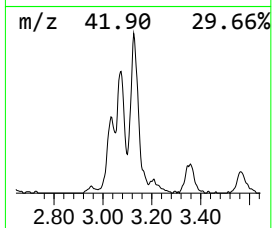
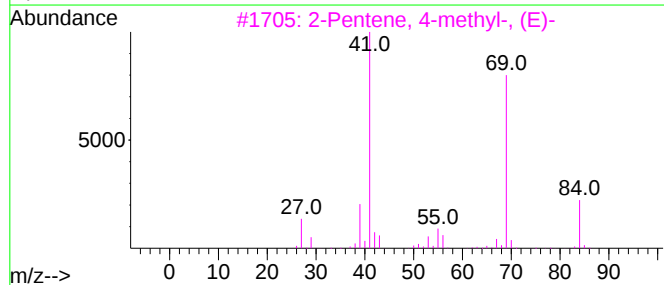
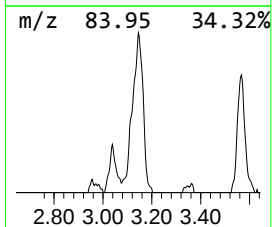
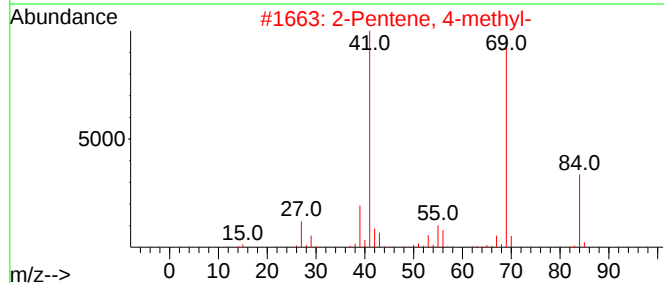
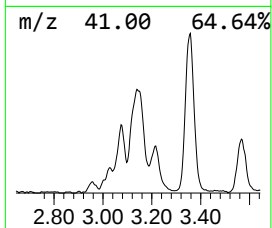
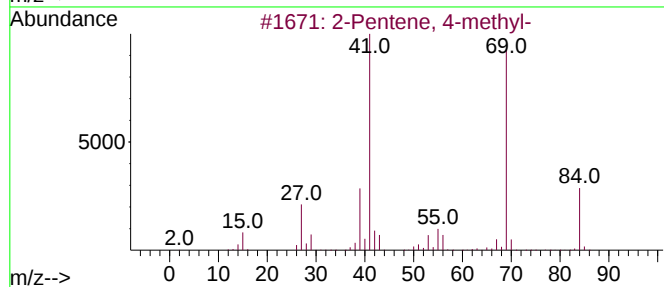
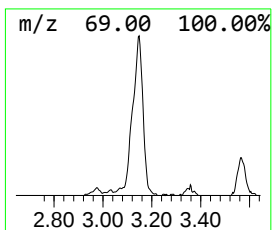
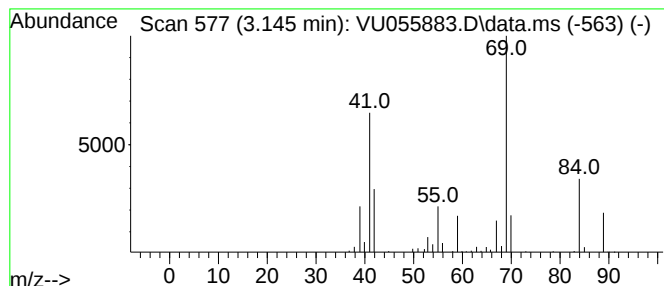
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.145	5.50 ug/L	124183	1,4-Difluorobenzene	6.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	58	
2	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	58	
3	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	53	
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	53	
5	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	53	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

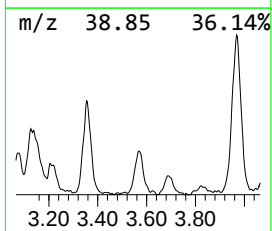
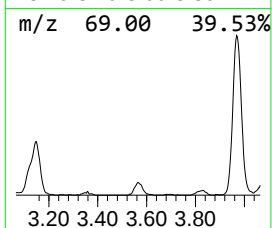
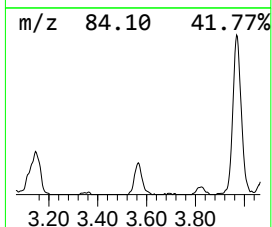
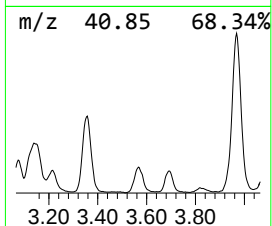
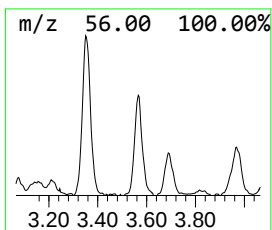
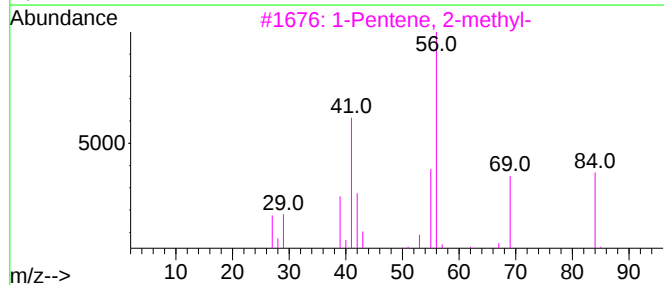
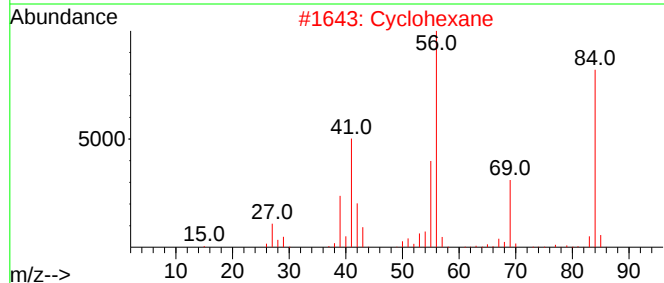
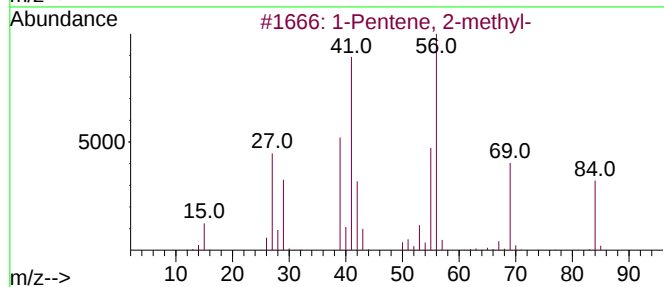
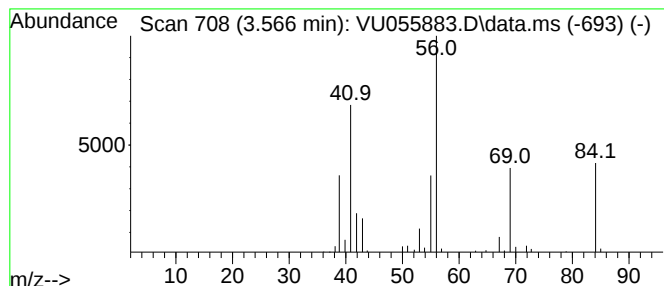
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.566	4.41 ug/L	99399	1,4-Difluorobenzene	6.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-		84	C6H12	000763-29-1	87
2	Cyclohexane		84	C6H12	000110-82-7	78
3	1-Pentene, 2-methyl-		84	C6H12	000763-29-1	72
4	1-Hexene		84	C6H12	000592-41-6	72
5	1-Hexene		84	C6H12	000592-41-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

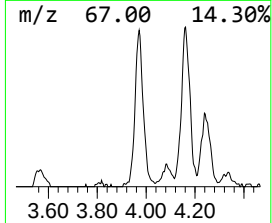
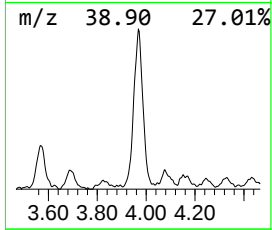
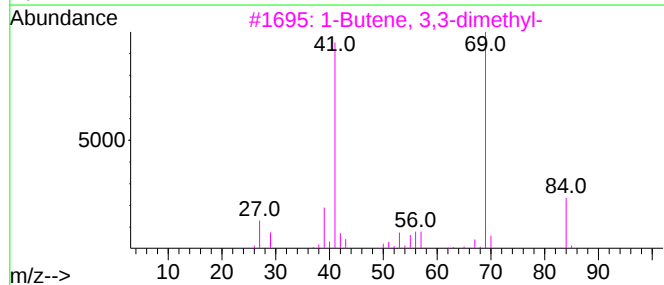
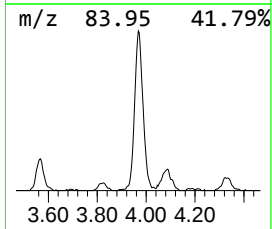
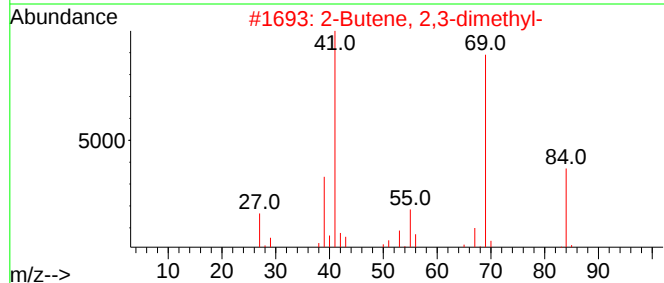
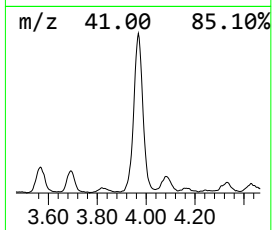
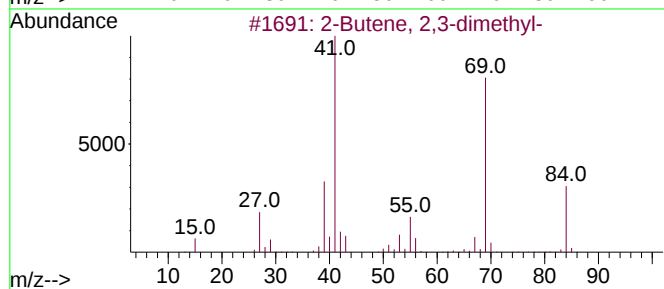
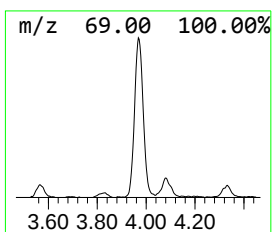
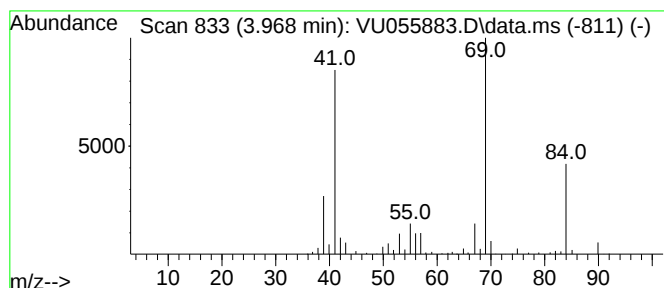
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.968	22.32 ug/L	503491	1,4-Difluorobenzene	6.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90	
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90	
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	90	
4	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	87	
5	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	87	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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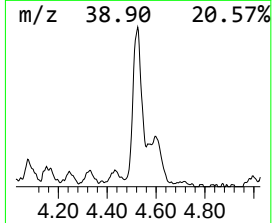
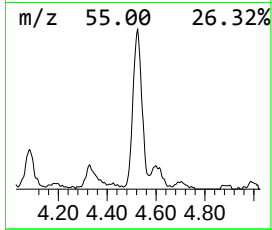
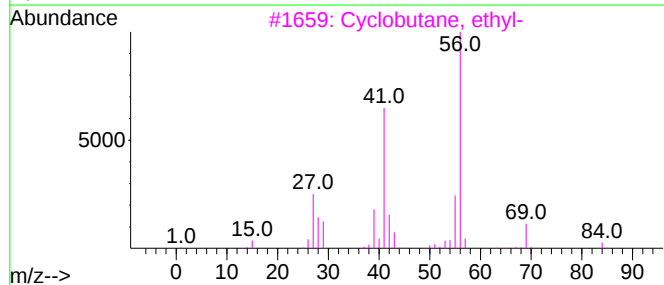
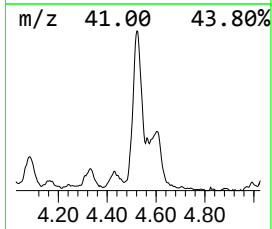
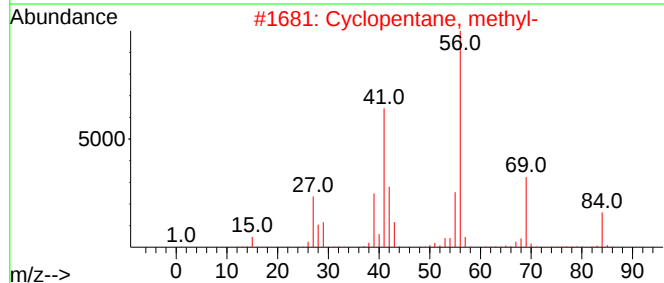
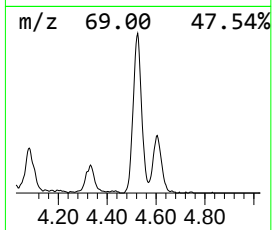
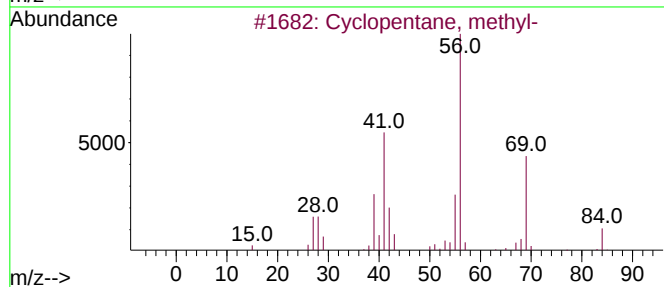
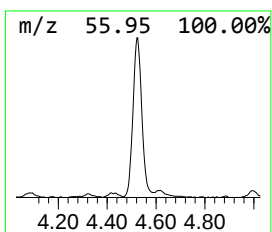
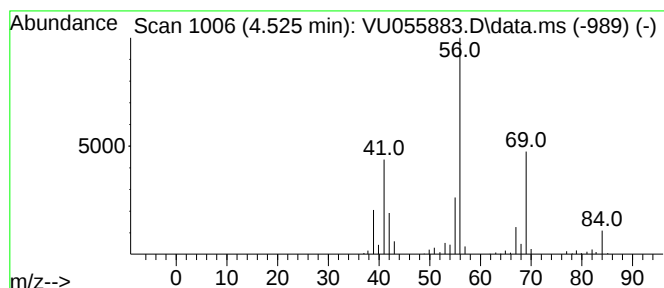
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic4.525 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.525	17.86 ug/L	402913	1,4-Difluorobenzene	6.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3			Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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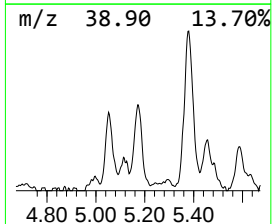
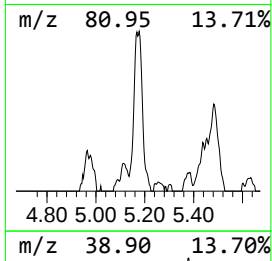
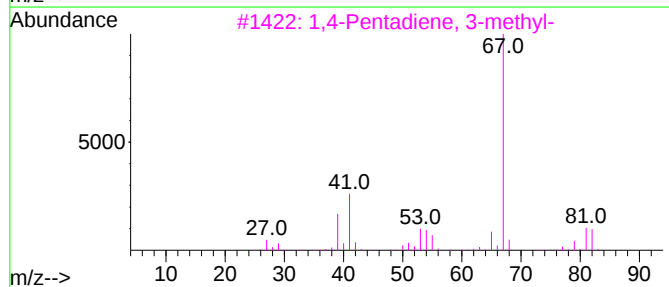
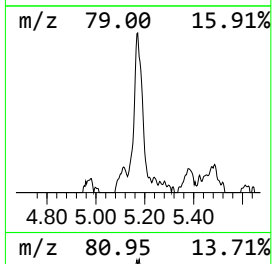
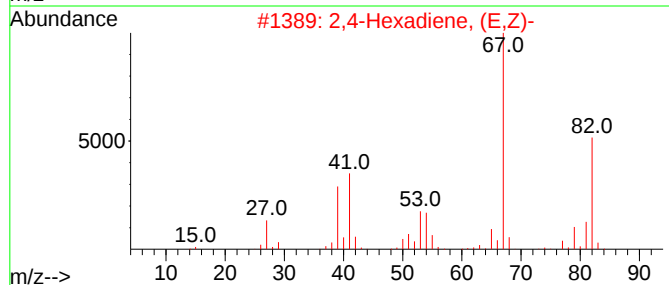
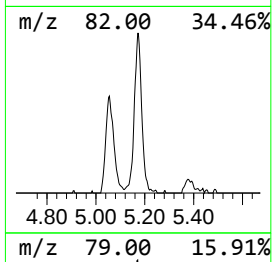
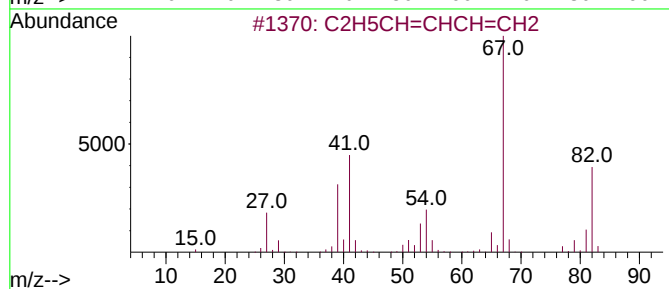
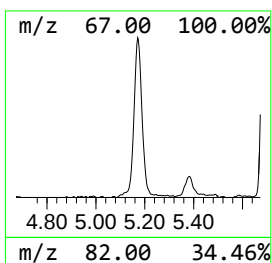
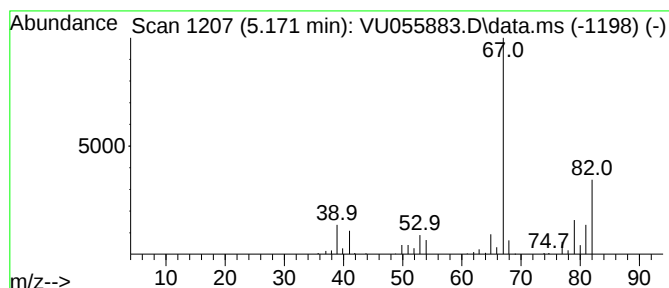
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Quant Title : VOC Analysis

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

Peak Number 10 2,4-Hexadiene, (E,Z)- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.171	6.77 ug/L	152816	1,4-Difluorobenzene	6.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	83
2		2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	80
3		1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	80
4		Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
5		Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

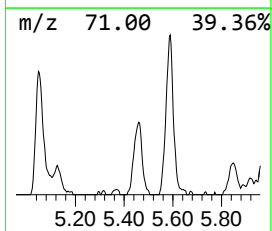
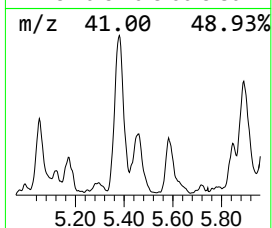
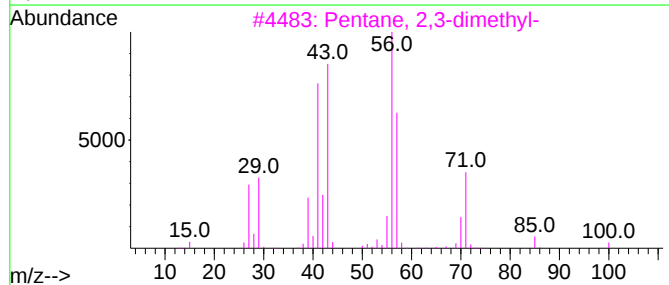
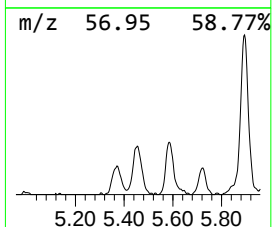
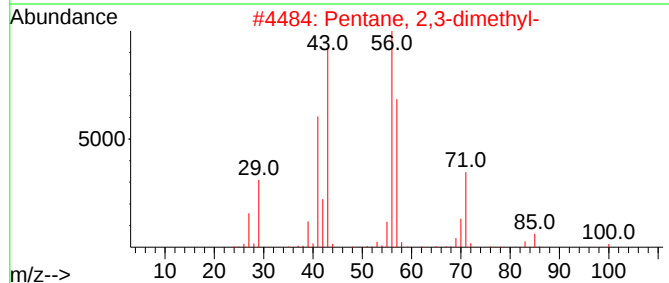
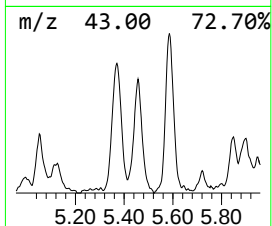
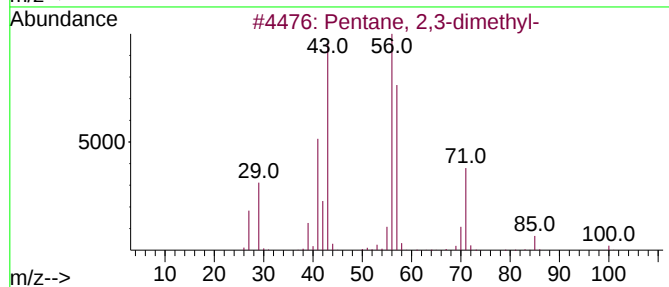
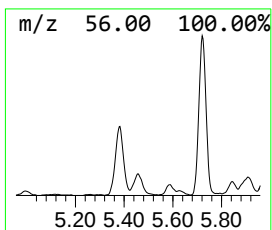
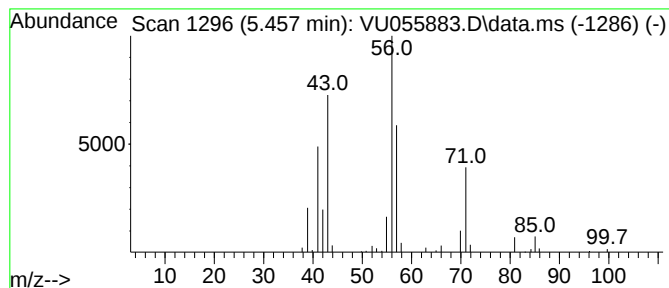
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.457	5.71 ug/L	128835	1,4-Difluorobenzene	6.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	56
4			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	47
5			Aziridine, 2-methyl-	57	C3H7N	000075-55-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

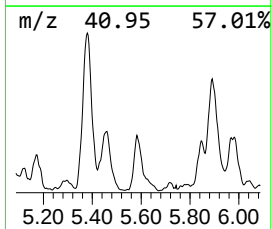
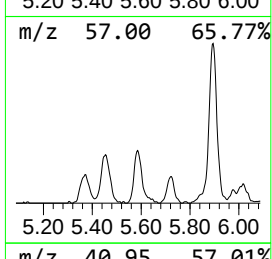
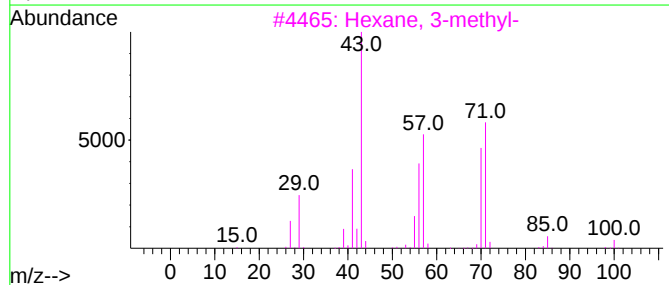
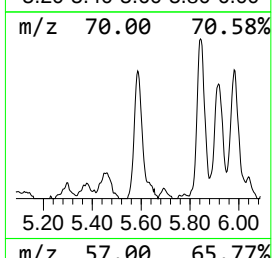
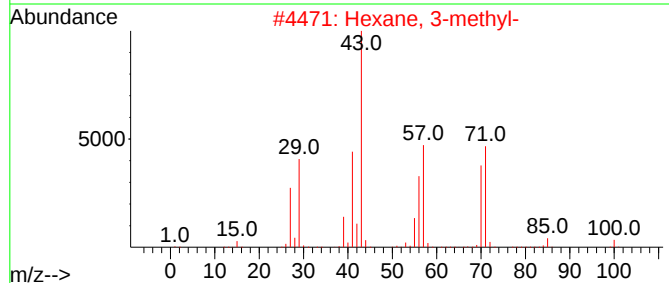
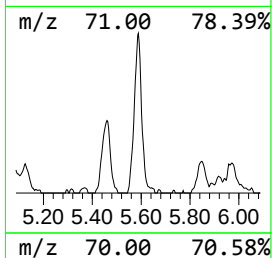
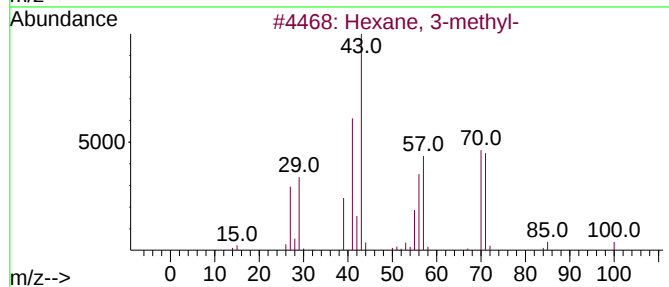
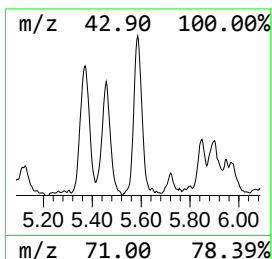
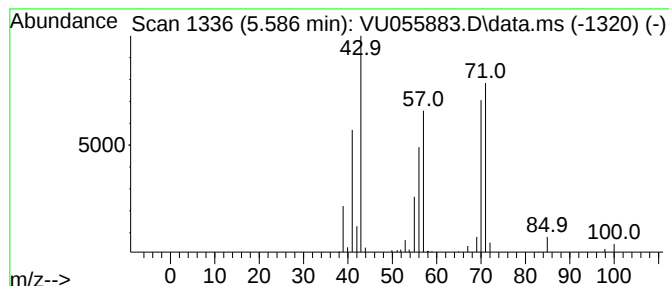
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.586	5.05 ug/L	113904	1,4-Difluorobenzene	6.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2		Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	90
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

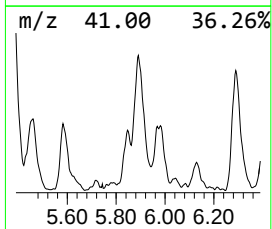
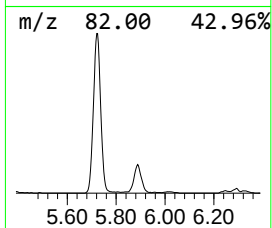
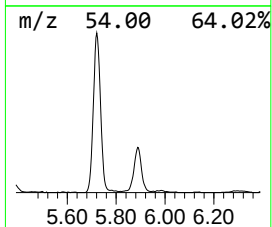
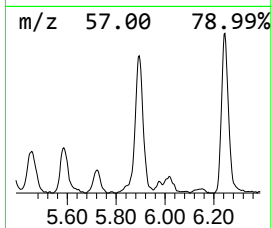
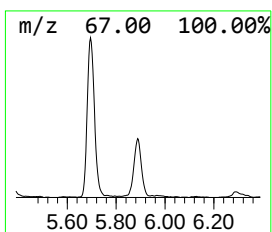
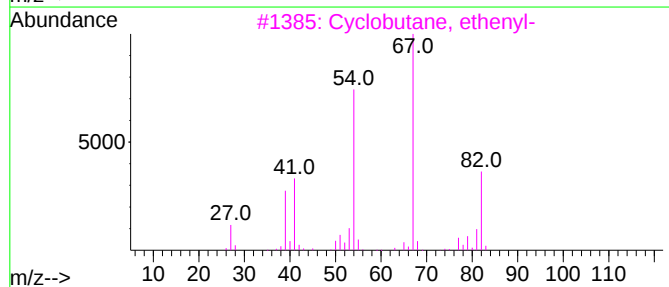
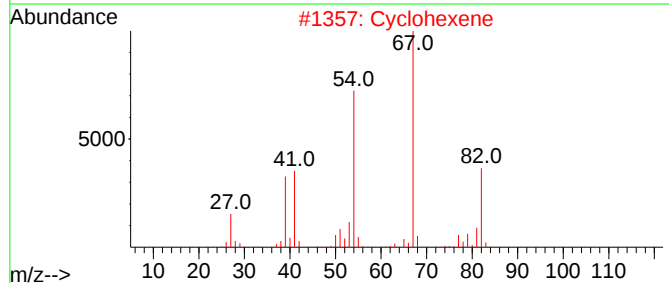
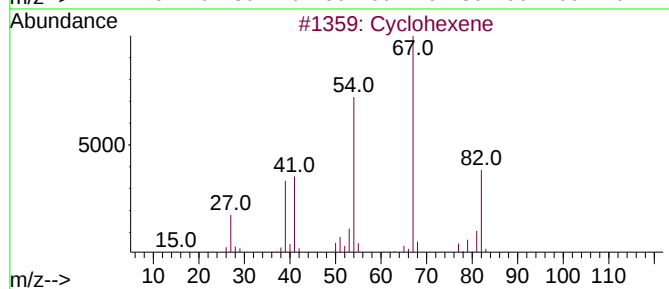
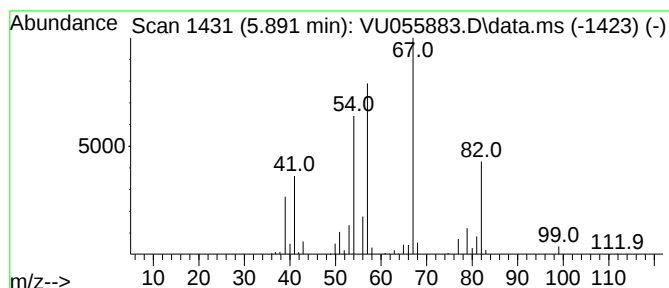
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Quant Title : VOC Analysis

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

Peak Number 13 Cyclohexene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.891	12.19 ug/L	274905	1,4-Difluorobenzene	6.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene	82	C6H10	000110-83-8	81
2			Cyclohexene	82	C6H10	000110-83-8	74
3			Cyclobutane, ethenyl-	82	C6H10	002597-49-1	74
4			Cyclohexene	82	C6H10	000110-83-8	68
5			Cyclohexene	82	C6H10	000110-83-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

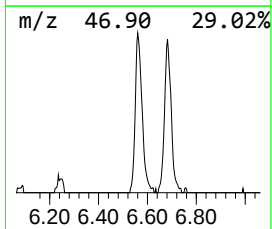
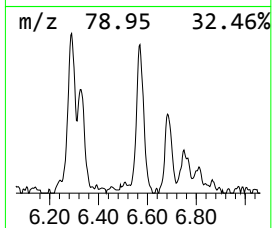
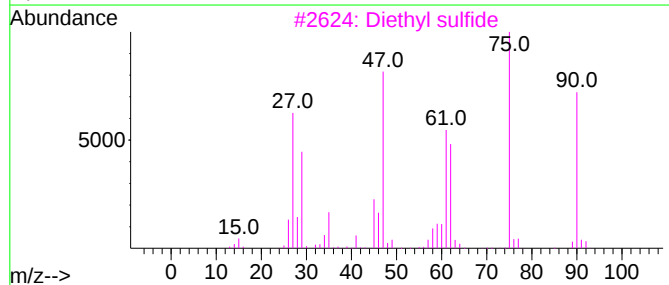
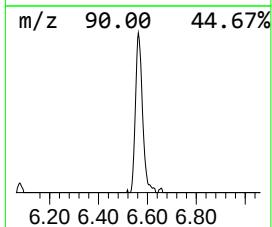
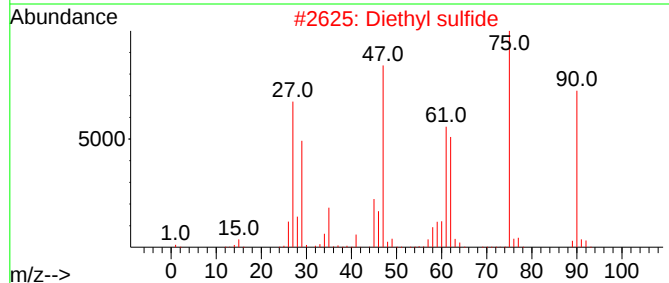
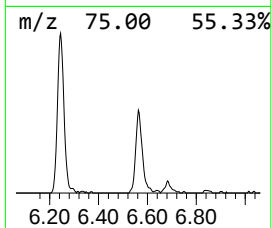
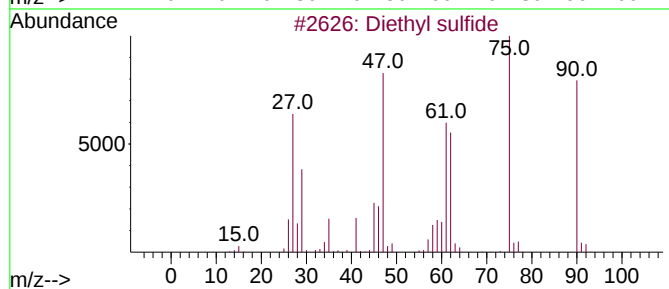
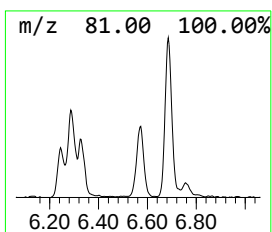
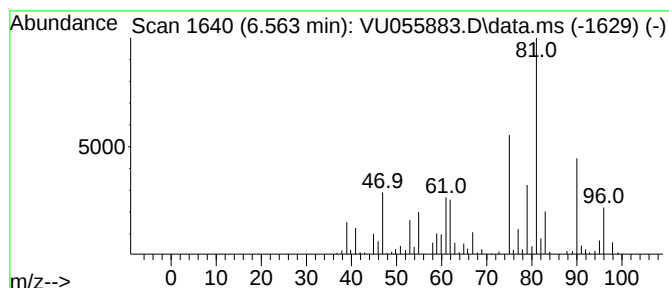
Instrument :
MSVOA_U
ClientSampleId :
EOAR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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

Peak Number 14 Diethyl sulfide Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.563	10.24 ug/L	231005	1,4-Difluorobenzene	6.245	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	90
2	Diethyl sulfide	90	C4H10S	000352-93-2	90
3	Diethyl sulfide	90	C4H10S	000352-93-2	90
4	Diethyl sulfide	90	C4H10S	000352-93-2	55
5	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

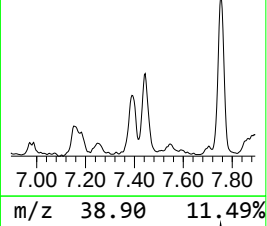
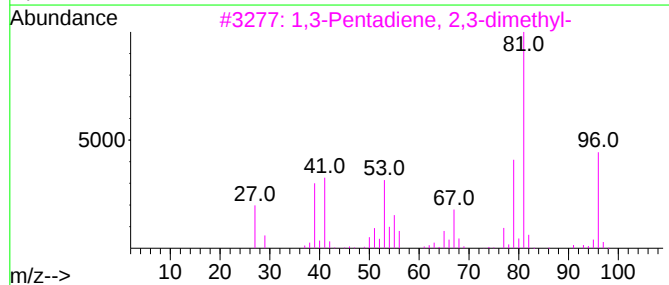
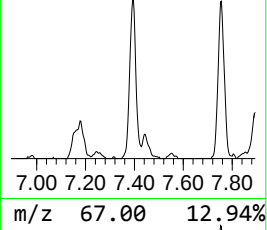
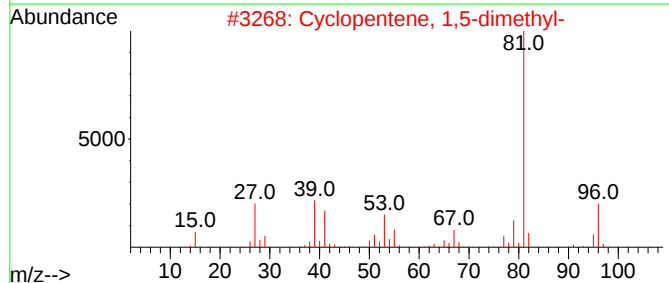
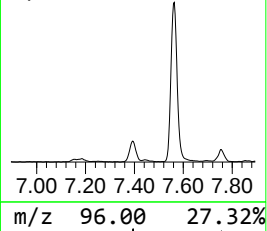
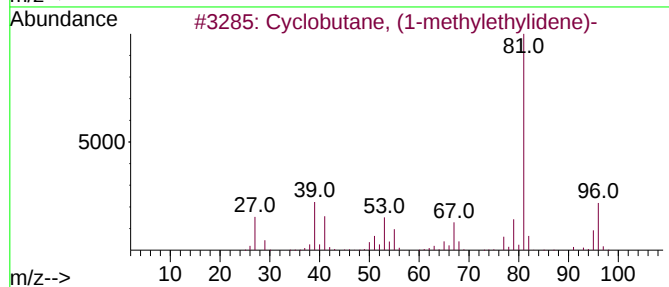
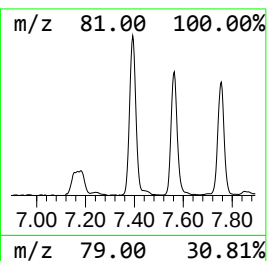
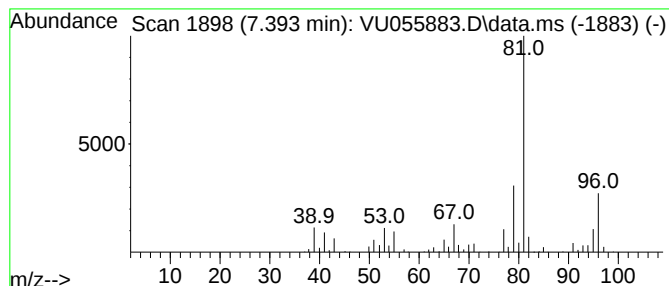
Instrument :
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ClientSampleId :
EOAR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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

Peak Number 16 Cyclobutane, (1-methylethyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.393	14.55 ug/L	328256	1,4-Difluorobenzene	6.245	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	83
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72
5	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

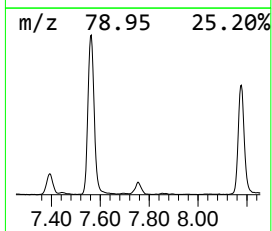
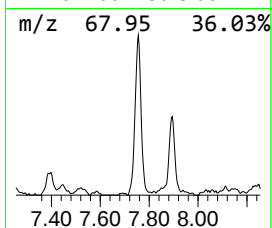
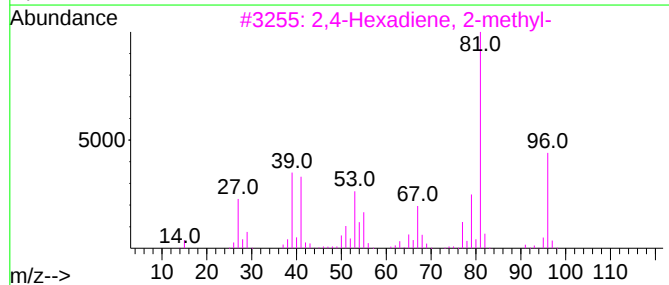
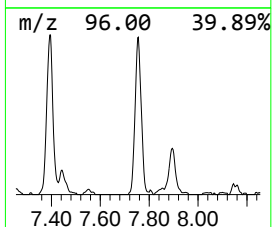
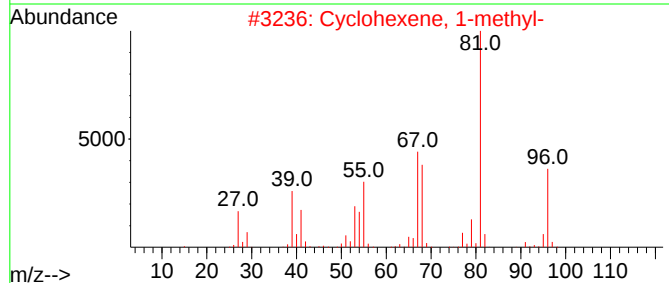
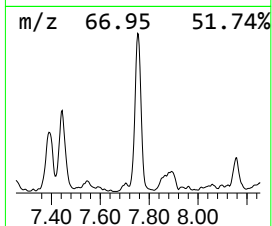
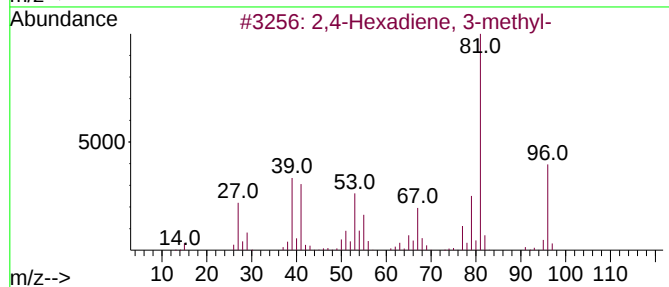
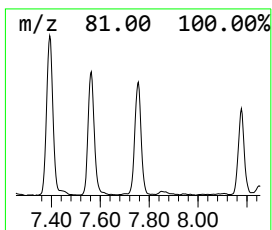
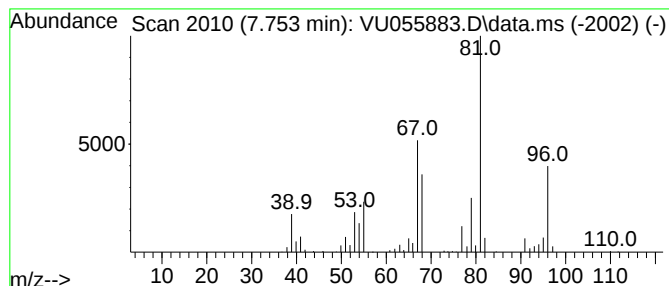
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Quant Title : VOC Analysis

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

Peak Number 19 2,4-Hexadiene, 3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.753	12.06 ug/L	272001	1,4-Difluorobenzene	6.245

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 3-methyl-		96	C7H12	028823-42-9	93
2	Cyclohexene, 1-methyl-		96	C7H12	000591-49-1	93
3	2,4-Hexadiene, 2-methyl-		96	C7H12	028823-41-8	93
4	Cyclohexene, 1-methyl-		96	C7H12	000591-49-1	90
5	Cyclohexene, 3-methyl-		96	C7H12	000591-48-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

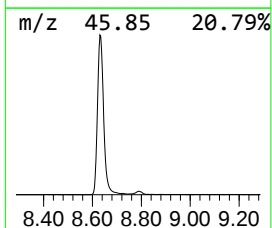
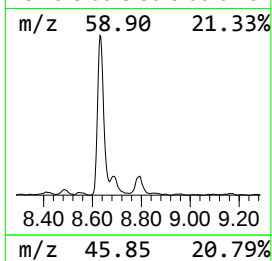
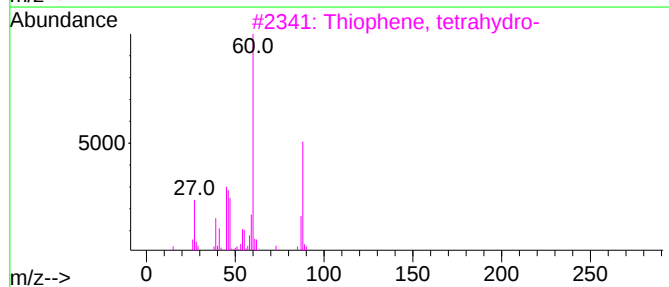
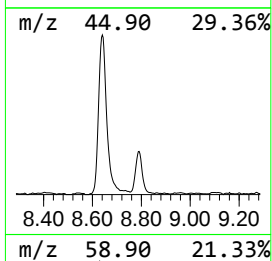
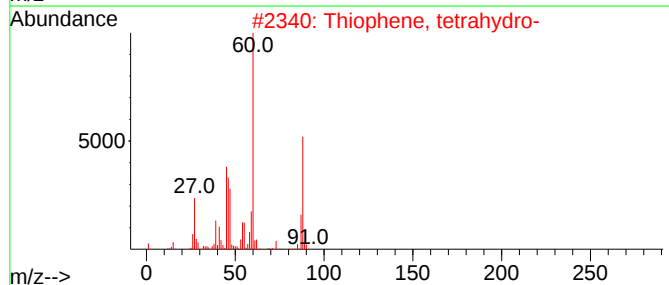
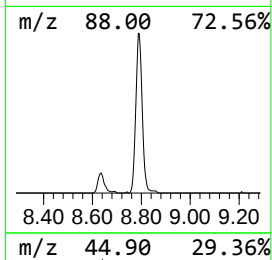
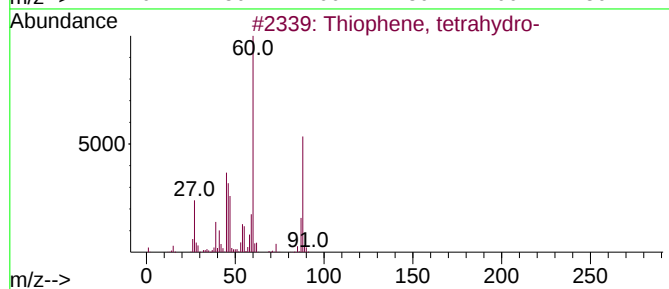
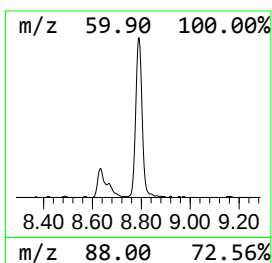
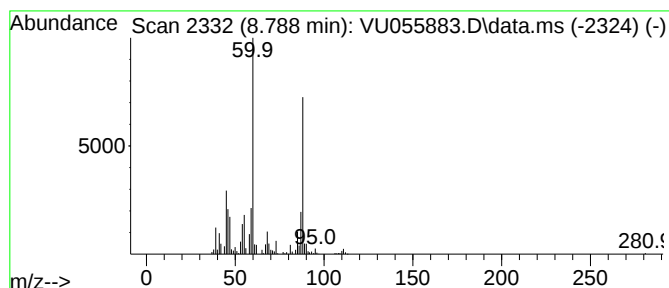
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Quant Title : VOC Analysis

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

Peak Number 22 Thiophene, tetrahydro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.788	10.76 ug/L	292679	Chlorobenzene-d5	9.415

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiophene, tetrahydro-	88	C4H8S	000110-01-0	95
2		Thiophene, tetrahydro-	88	C4H8S	000110-01-0	93
3		Thiophene, tetrahydro-	88	C4H8S	000110-01-0	90
4		Thietane, 2-methyl-	88	C4H8S	017837-41-1	68
5		Phospholane	88	C4H9P	003466-00-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

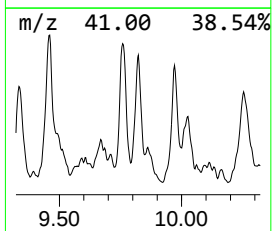
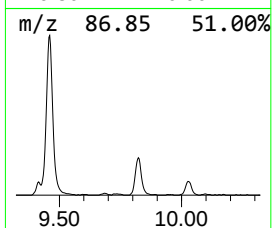
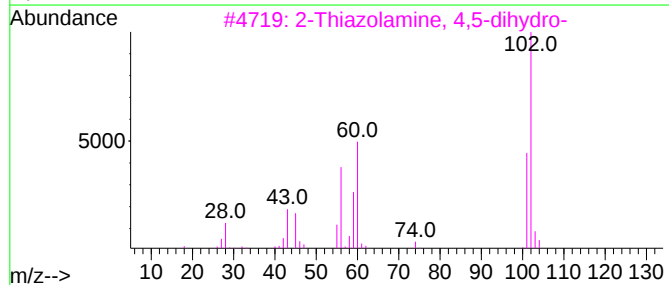
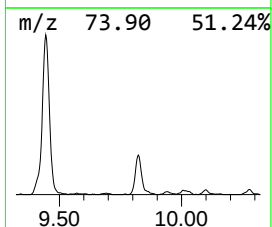
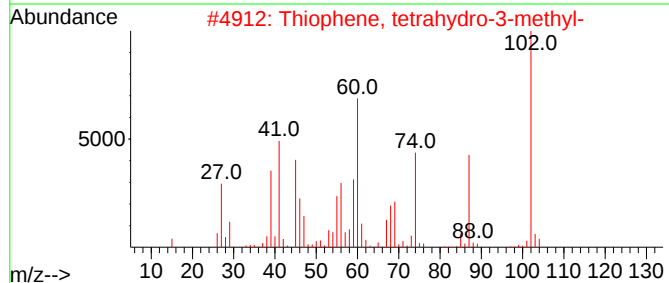
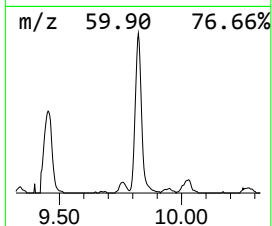
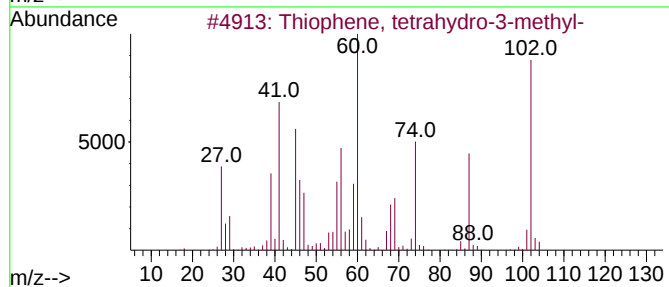
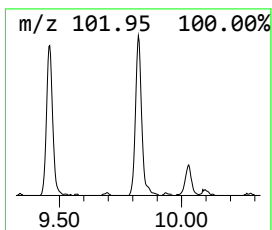
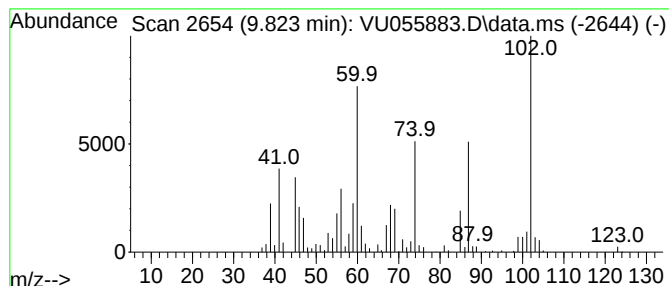
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Quant Title : VOC Analysis

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

Peak Number 26 Thiophene, tetrahydro-3-met... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.823	8.57 ug/L	233119	Chlorobenzene-d5	9.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	97
2			Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	91
3			2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	38
4			Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	35
5			2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

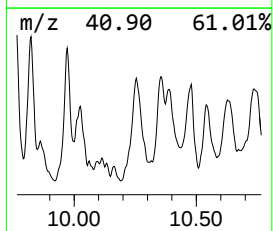
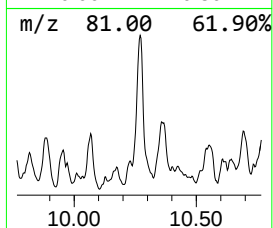
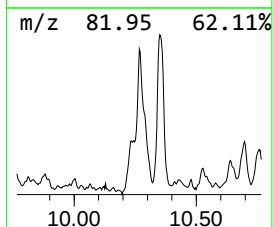
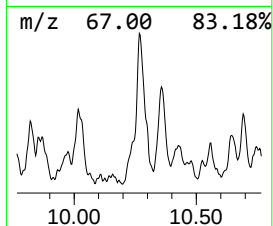
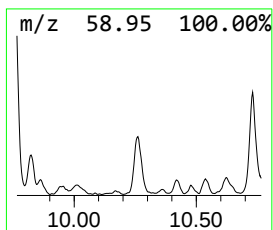
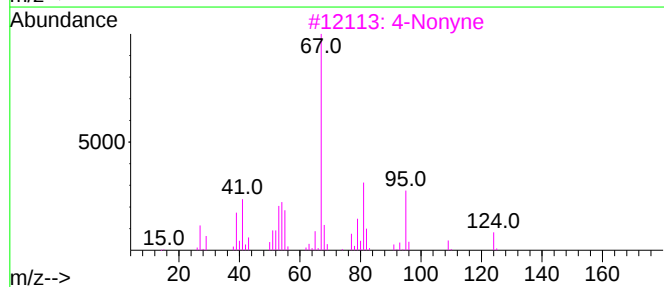
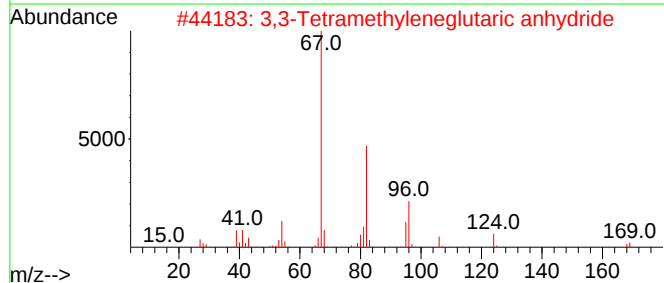
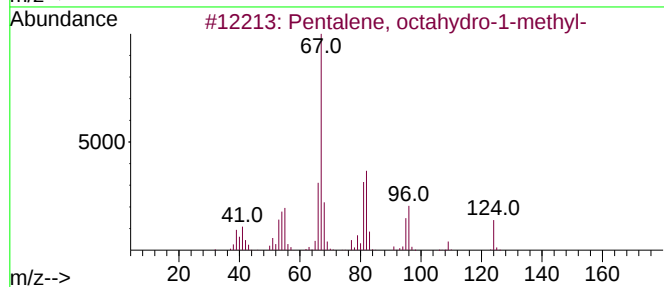
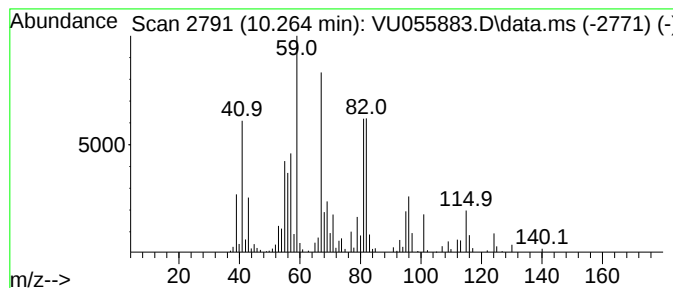
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Quant Title : VOC Analysis

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

Peak Number 29 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.264	11.67 ug/L	317539	Chlorobenzene-d5	9.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	43
2			3,3-Tetramethyleneglutaric anhyd...	168	C9H12O3	005662-95-3	43
3			4-Nonyne	124	C9H16	020184-91-2	30
4			4-Octyne, 2-methyl-	124	C9H16	010306-94-2	27
5			Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

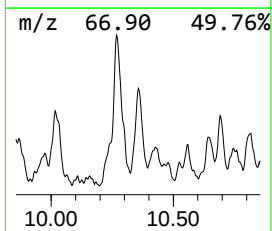
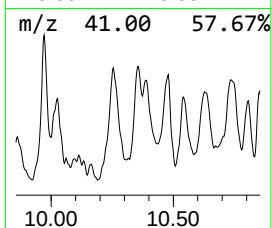
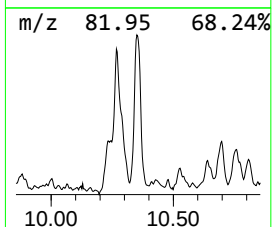
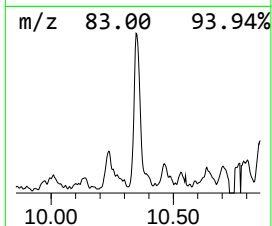
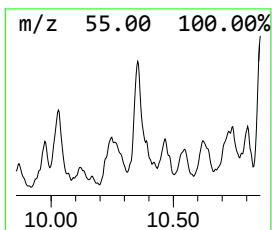
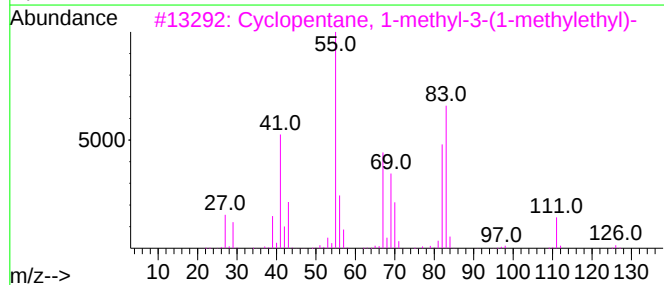
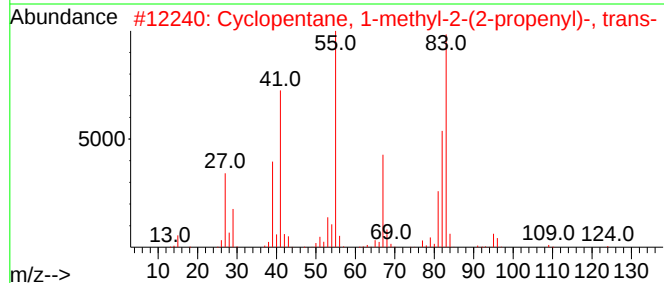
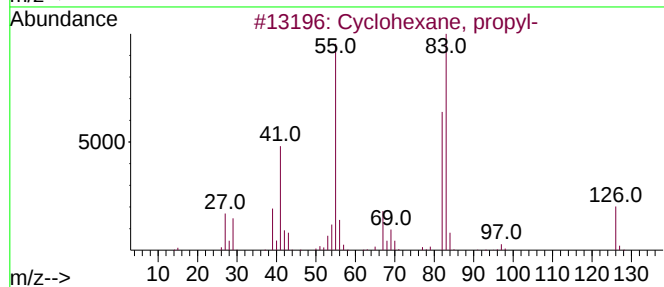
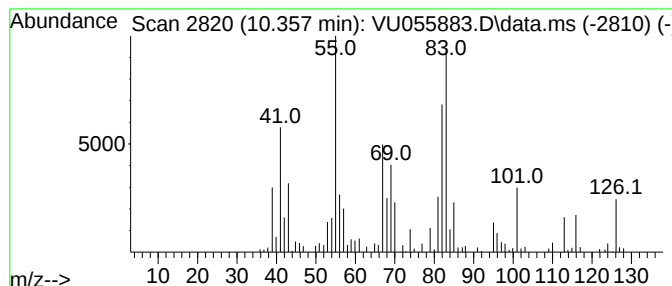
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Cyclic10.357 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	5.90 ug/L	160392	Chlorobenzene-d5	9.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	53
2			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	50
3			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	50
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	49
5			Vinylcyclohexyl ether	126	C8H14O	002182-55-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

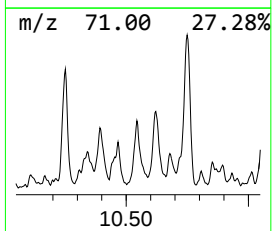
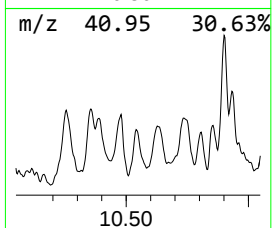
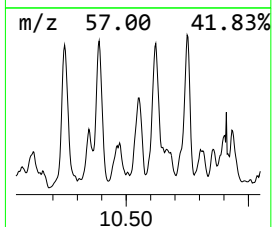
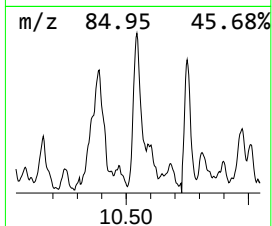
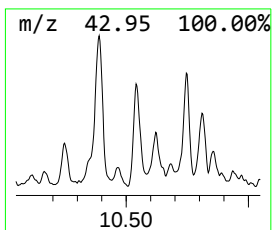
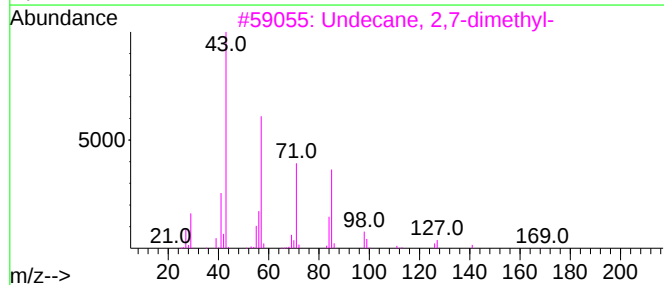
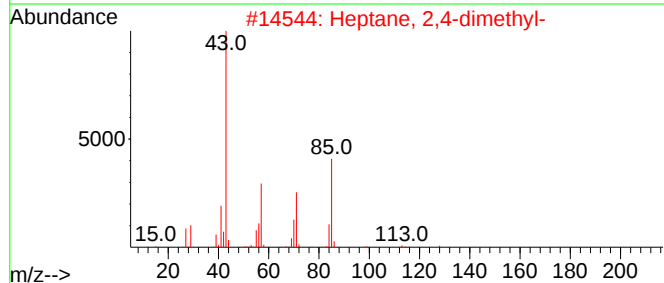
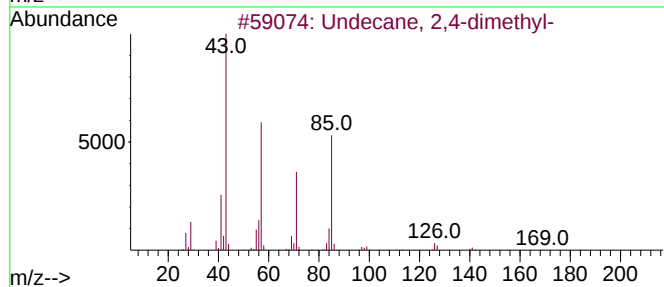
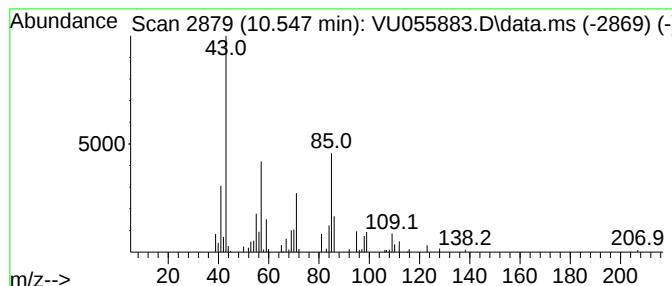
Instrument :
MSVOA_U
ClientSampleId :
EOAR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.547	4.40 ug/L	119648	Chlorobenzene-d5		9.415	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,4-dimethyl-		184	C13H28	017312-80-0	47
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	43
3	Undecane, 2,7-dimethyl-		184	C13H28	017301-24-5	40
4	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	38
5	Heptane, 2,4,6-trimethyl-		142	C10H22	002613-61-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

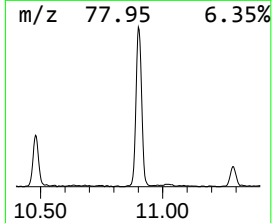
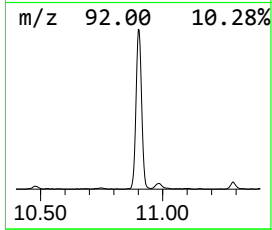
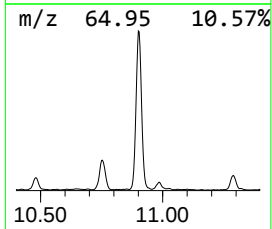
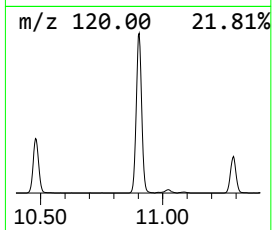
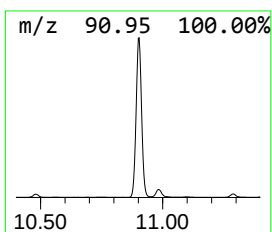
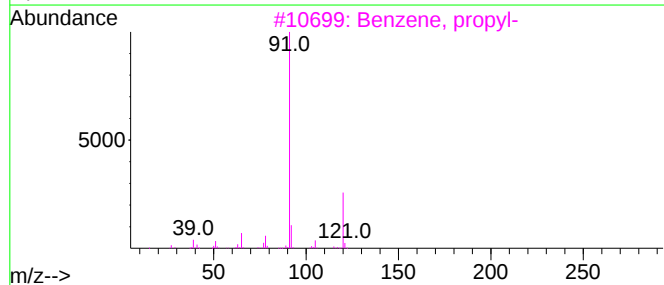
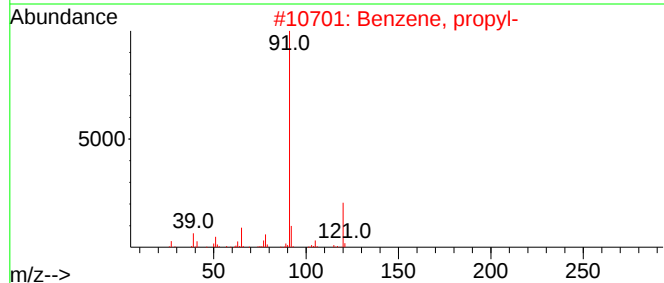
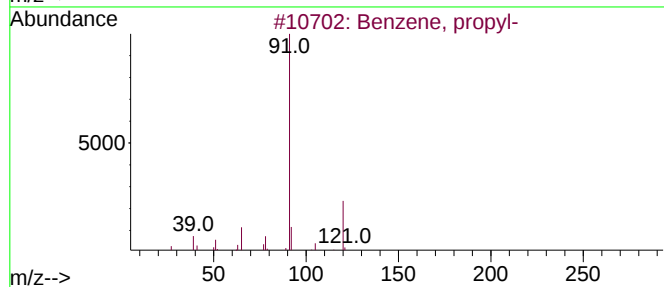
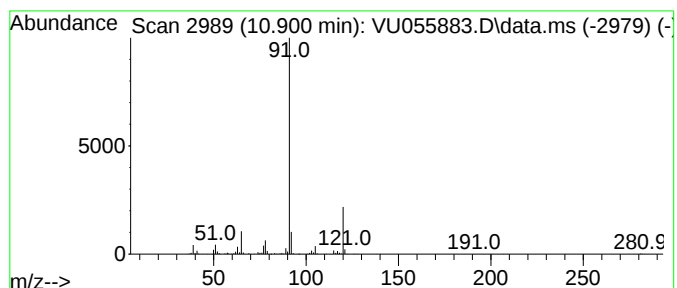
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Quant Title : VOC Analysis

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

Peak Number 32 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.900	56.33 ug/L	2161930	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	90
4			Benzene, propyl-	120	C9H12	000103-65-1	90
5			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

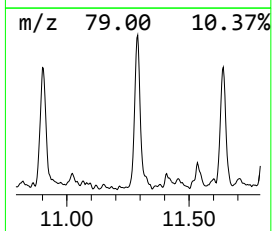
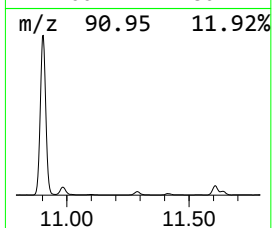
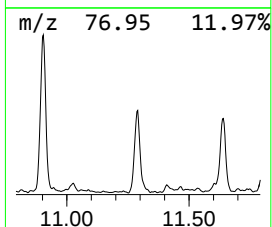
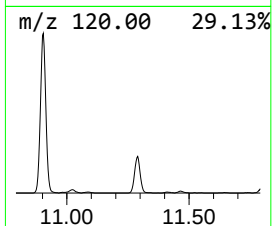
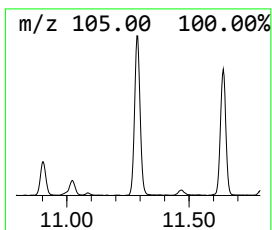
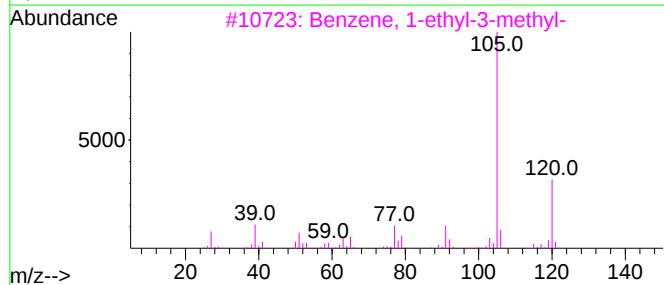
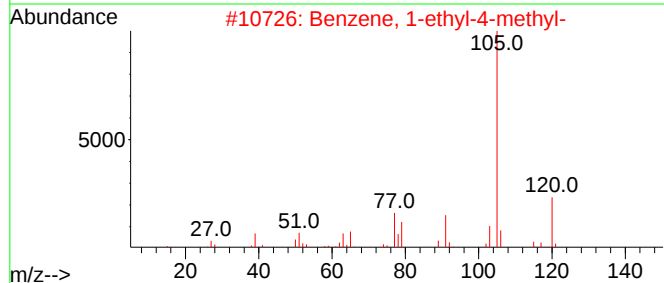
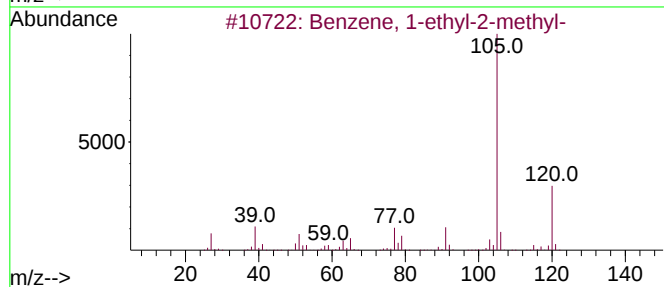
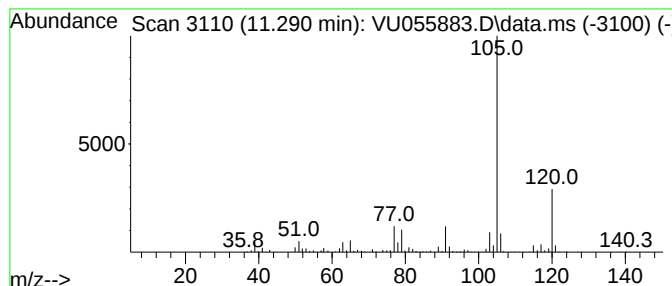
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.290	16.13 ug/L	619022	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
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\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

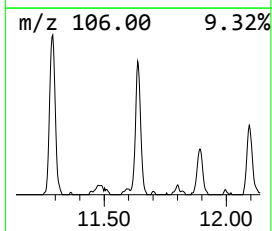
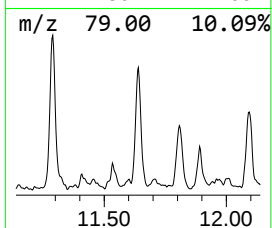
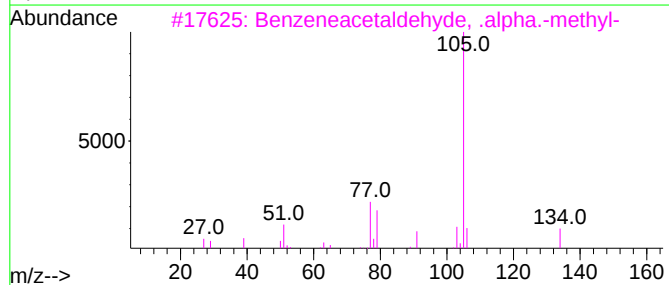
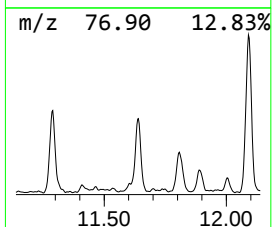
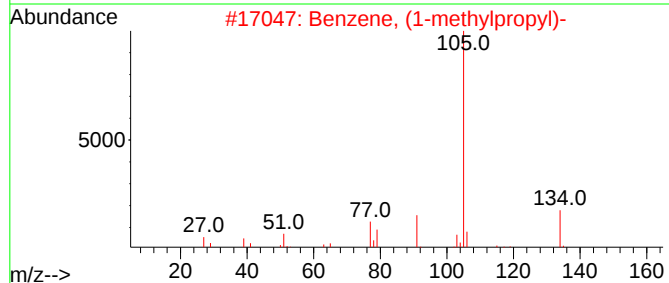
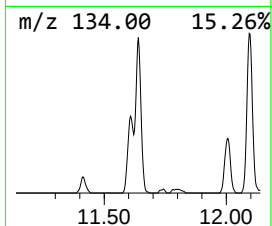
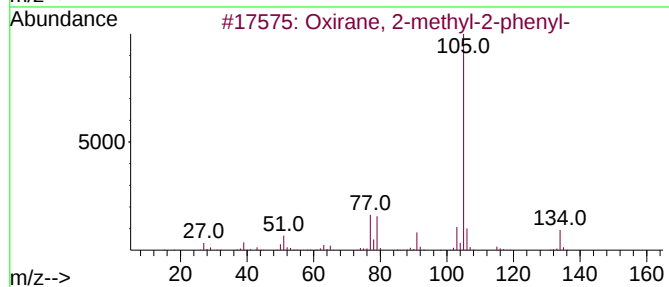
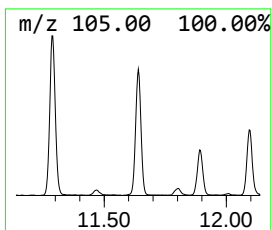
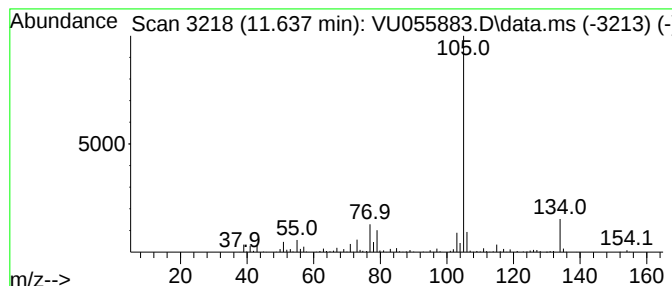
Instrument :
MSVOA_U
ClientSampleId :
EOAR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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

Peak Number 36 Oxirane, 2-methyl-2-phenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.637	11.43 ug/L	438680	1,4-Dichlorobenzene-d4	11.810	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

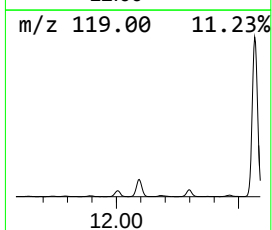
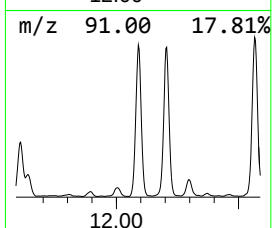
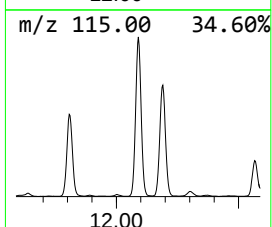
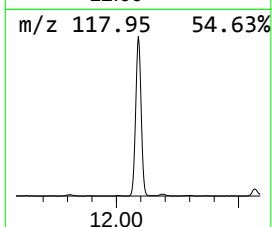
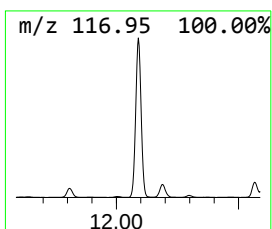
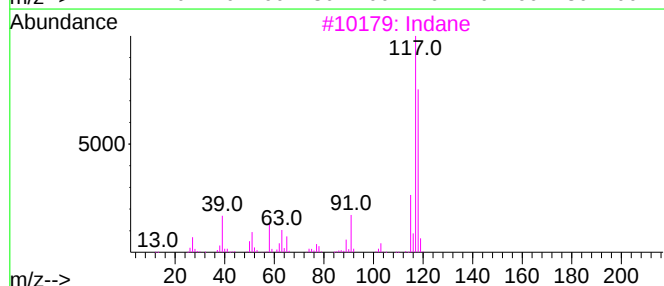
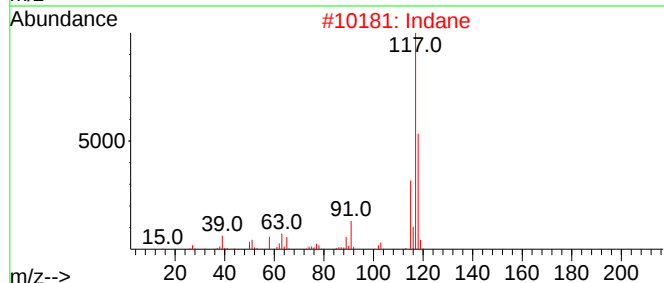
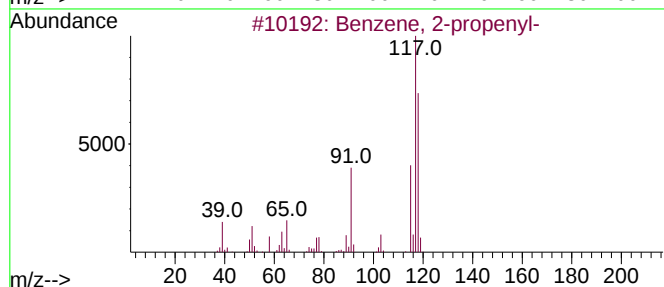
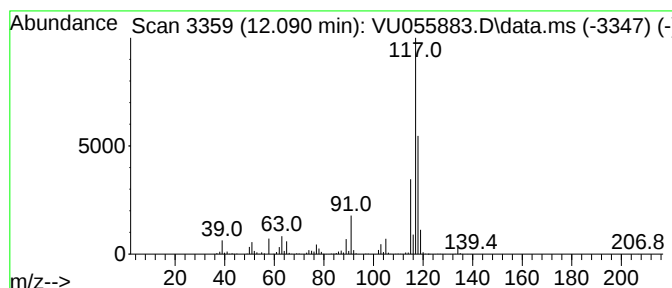
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Quant Title : VOC Analysis

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

Peak Number 39 Benzene, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	83.27 ug/L	3196020	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2			Indane	118	C9H10	000496-11-7	81
3			Indane	118	C9H10	000496-11-7	81
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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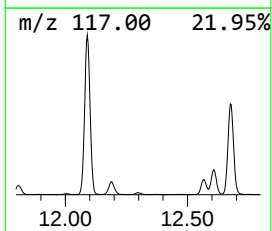
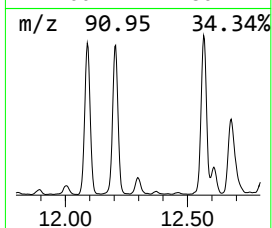
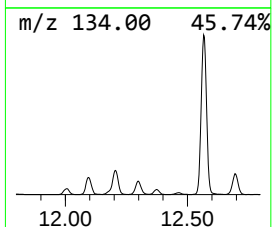
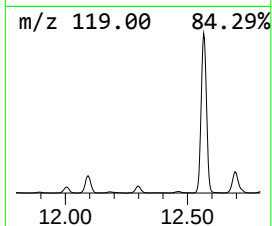
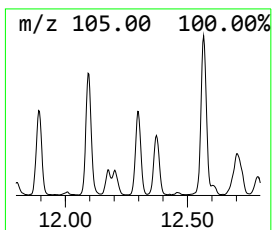
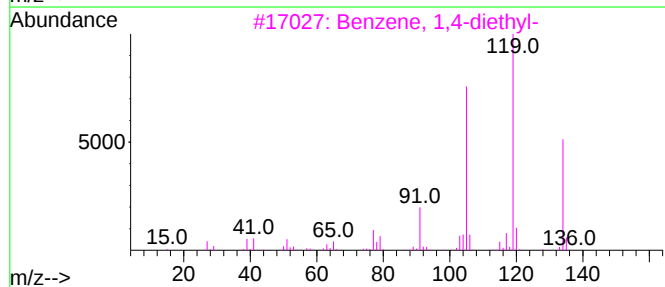
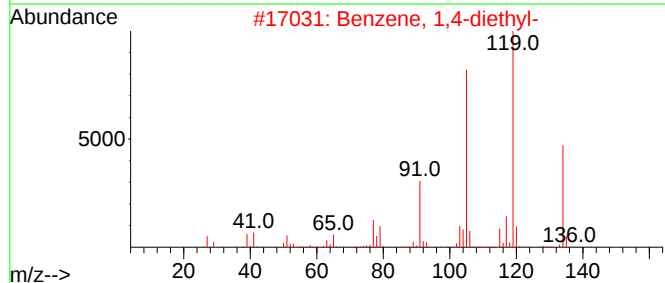
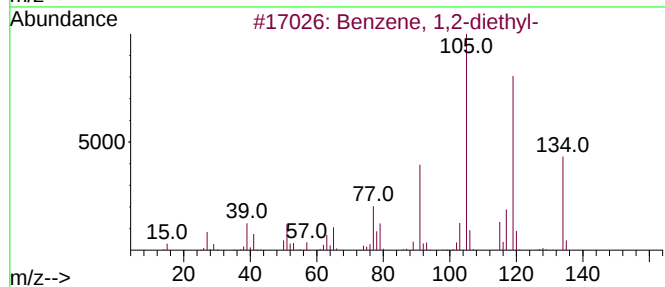
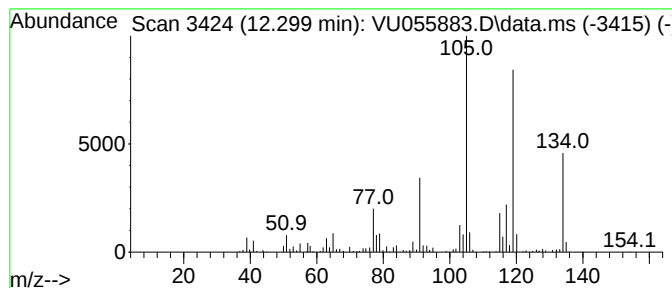
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Quant Title : VOC Analysis

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

Peak Number 40 Benzene, 1,2-diethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.299	8.25 ug/L	316689	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

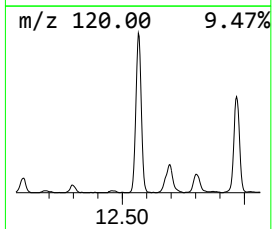
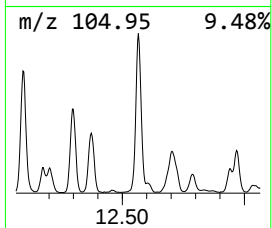
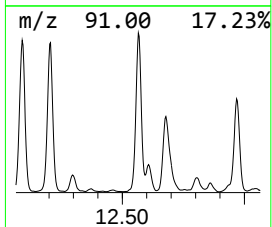
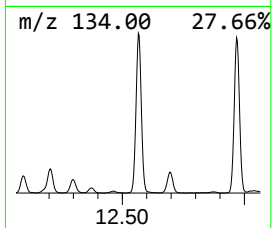
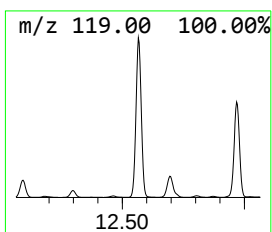
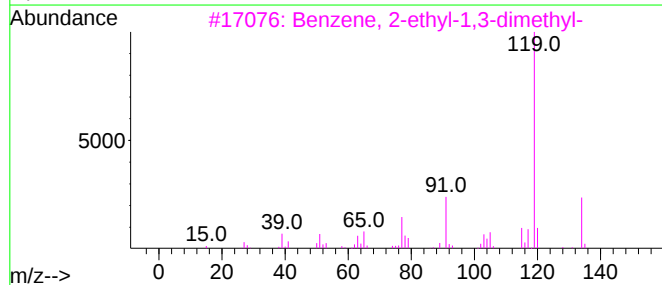
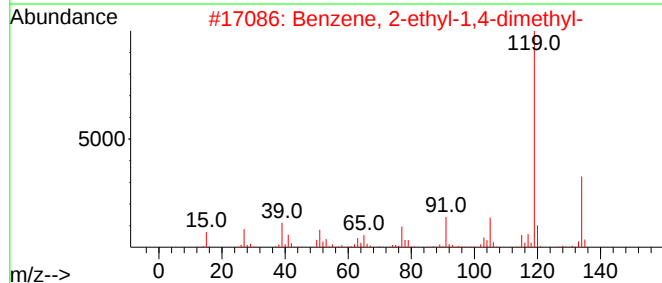
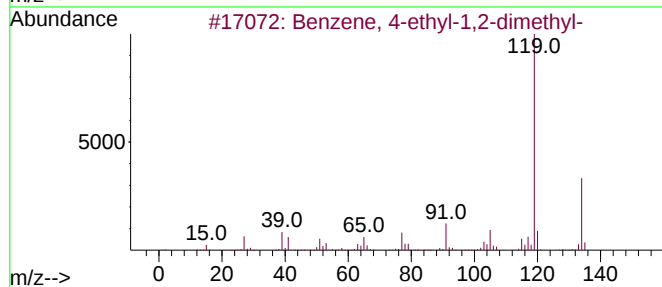
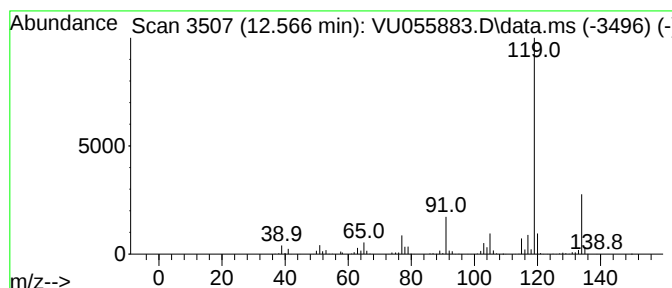
Instrument :
MSVOA_U
ClientSampleId :
EOAR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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

Peak Number 42 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.566	66.12 ug/L	2537860	1,4-Dichlorobenzene-d4			11.810
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,3-dimethyl-		134	C10H14	002870-04-4	95
4	o-Cymene		134	C10H14	000527-84-4	95
5	o-Cymene		134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

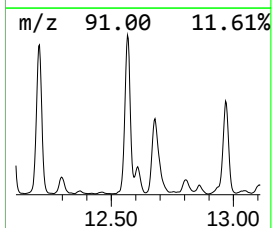
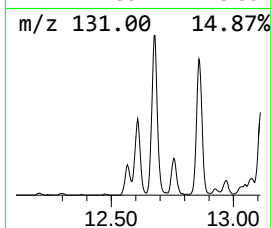
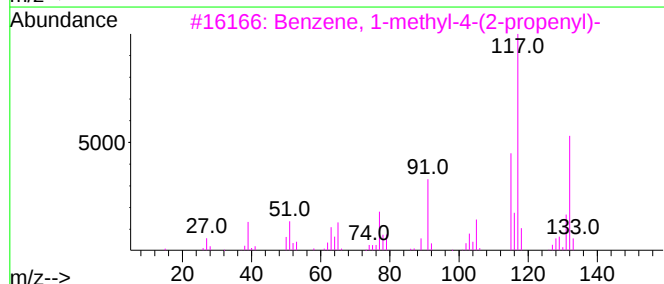
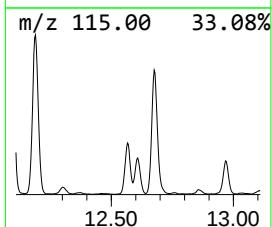
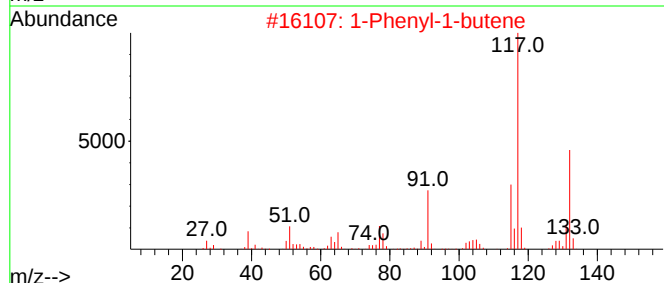
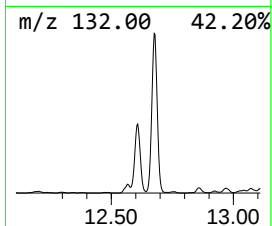
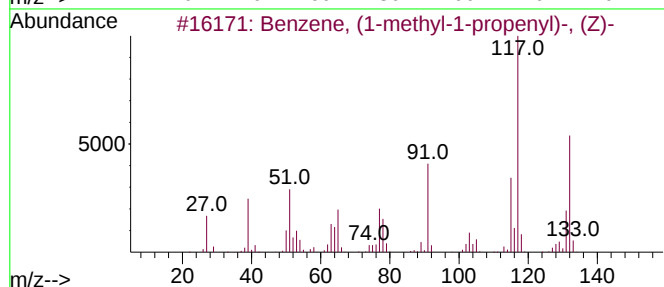
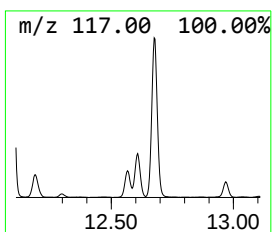
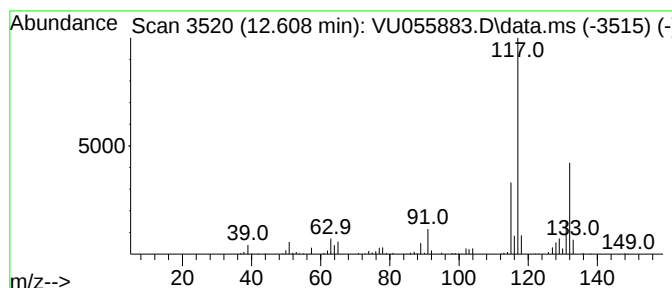
Instrument :
MSVOA_U
ClientSampleId :
EOAR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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

Peak Number 43 Benzene, (1-methyl-1-propen... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.608	12.34 ug/L	473727	1,4-Dichlorobenzene-d4			11.810
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...		132	C10H12	000767-99-7	87
2	1-Phenyl-1-butene		132	C10H12	000824-90-8	87
3	Benzene, 1-methyl-4-(2-propenyl)-		132	C10H12	003333-13-9	87
4	1H-Indene, 2,3-dihydro-2-methyl-		132	C10H12	000824-63-5	86
5	1-Methyl-2-phenylcyclopropane		132	C10H12	003145-76-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

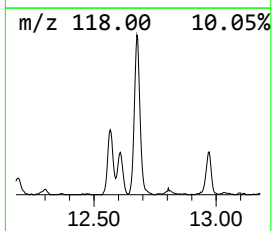
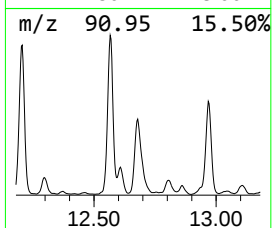
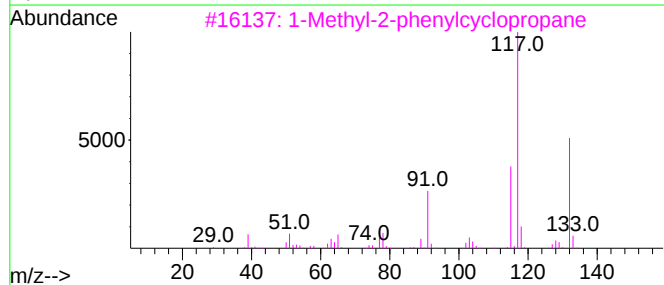
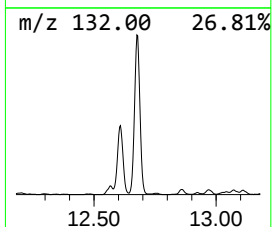
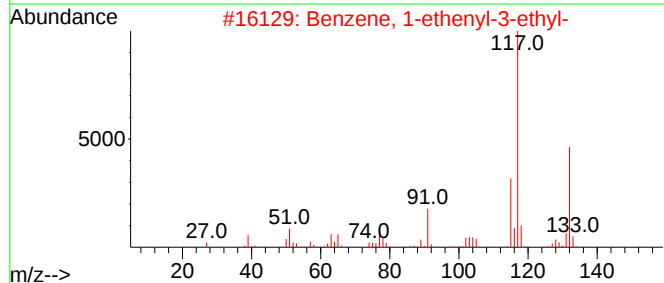
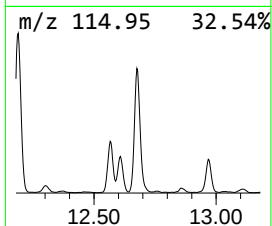
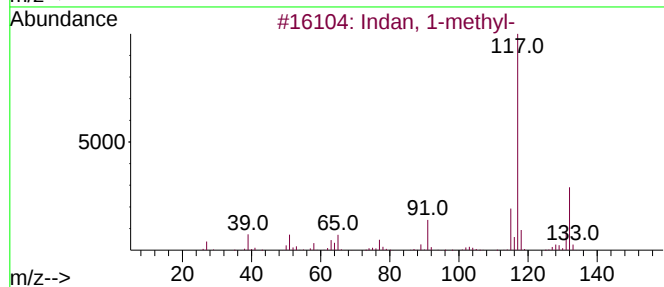
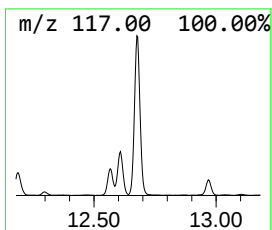
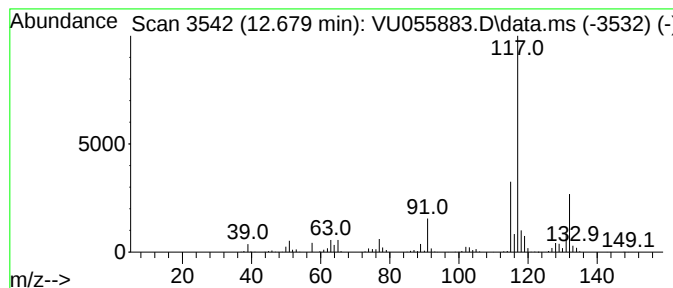
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Quant Title : VOC Analysis

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

Peak Number 44 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.679	51.66 ug/L	1982750	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	94
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5			Indan, 1-methyl-	132	C10H12	000767-58-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

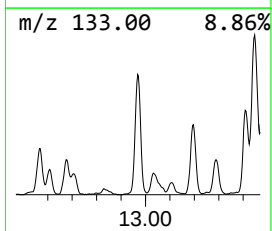
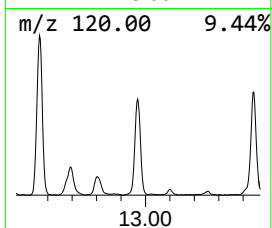
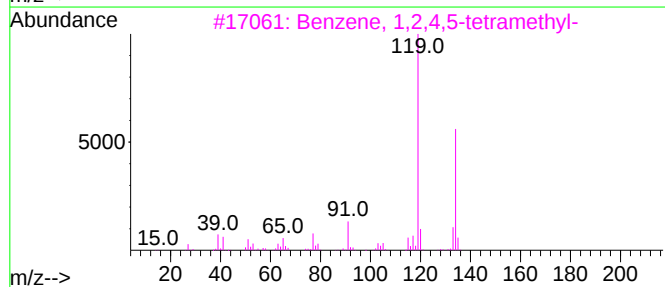
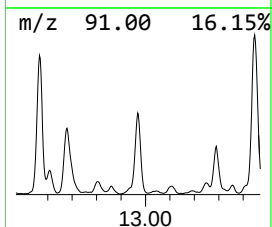
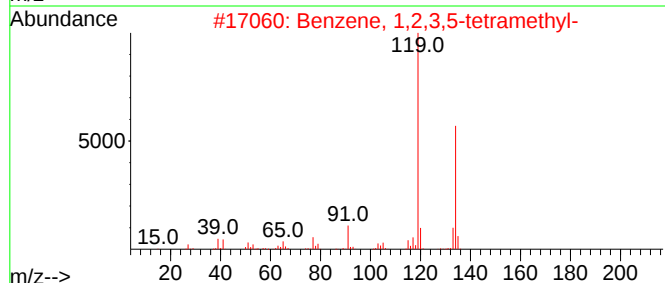
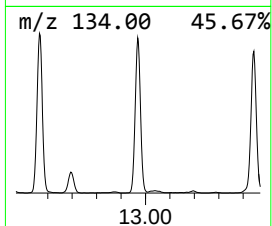
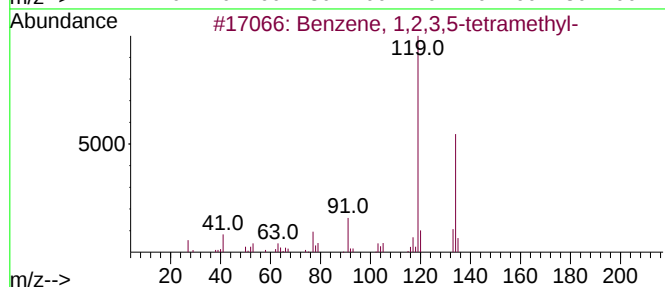
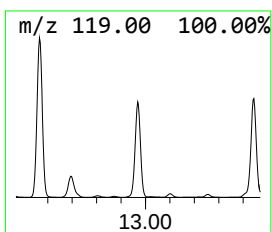
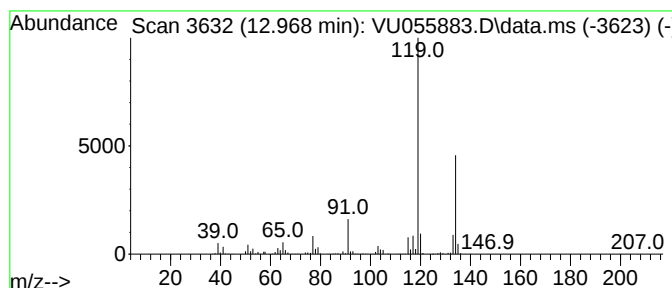
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Quant Title : VOC Analysis

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

Peak Number 45 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	43.98 ug/L	1688150	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

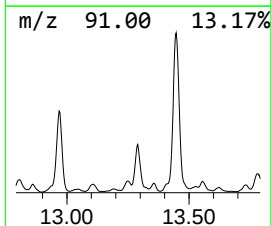
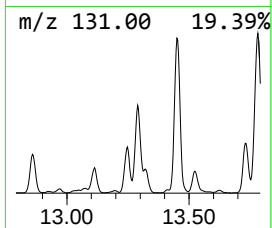
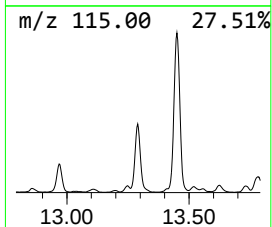
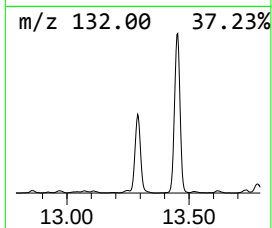
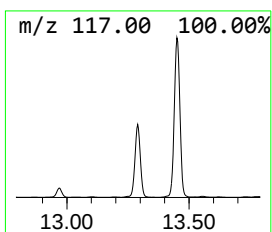
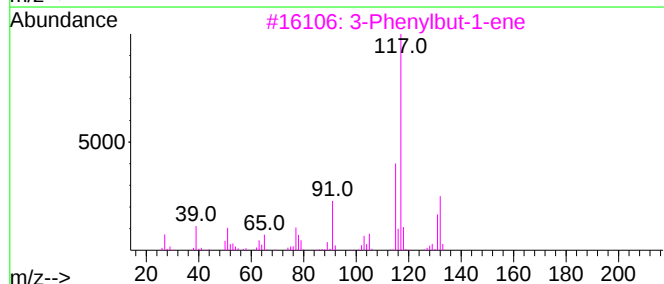
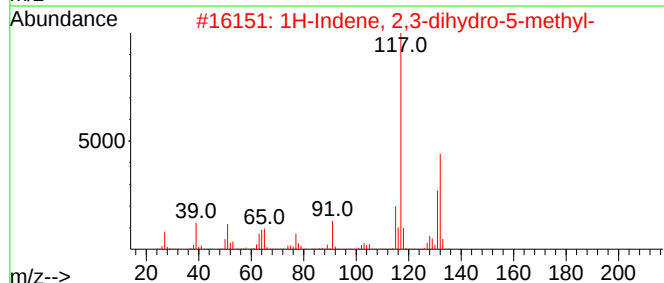
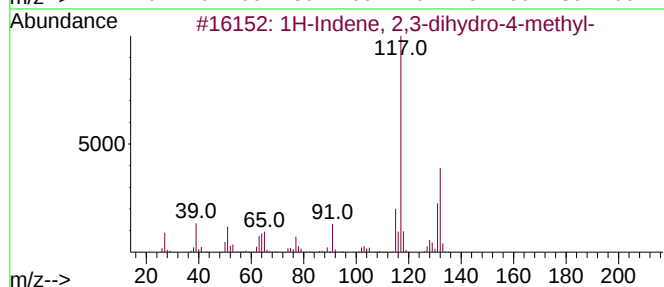
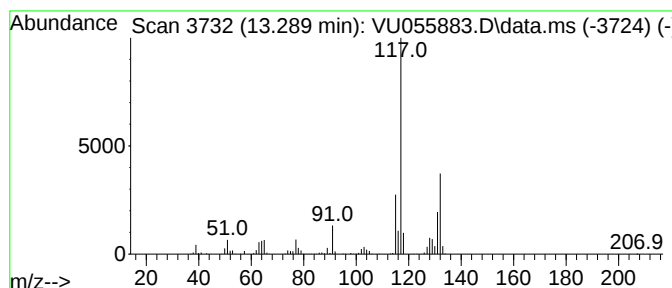
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Quant Title : VOC Analysis

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

Peak Number 48 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.290	34.45 ug/L	1322250	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
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, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
5			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

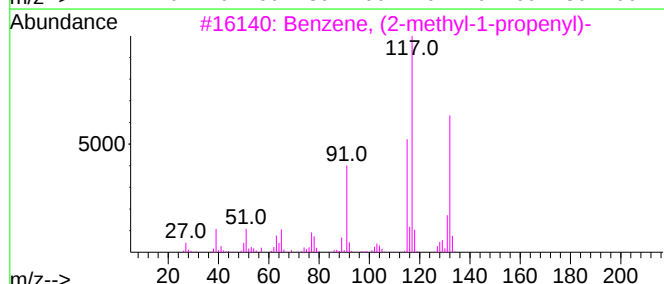
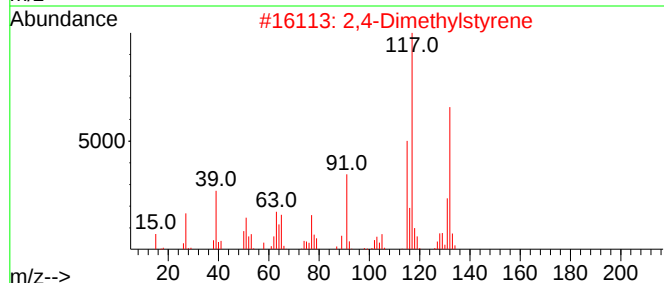
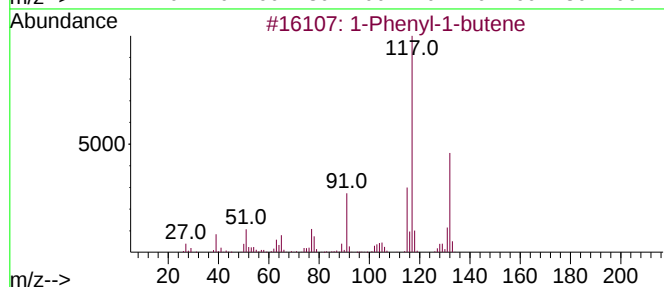
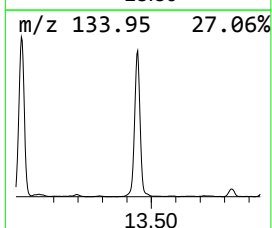
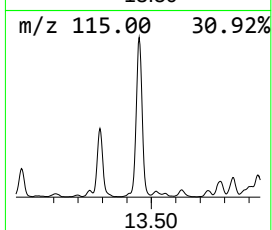
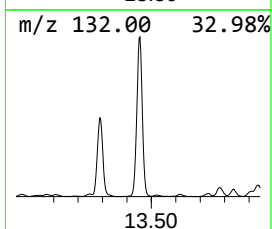
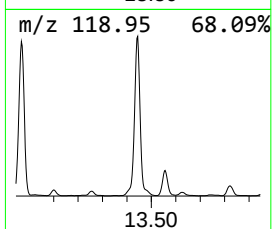
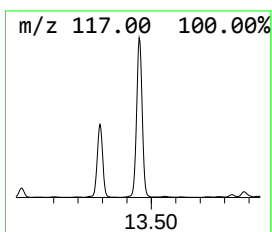
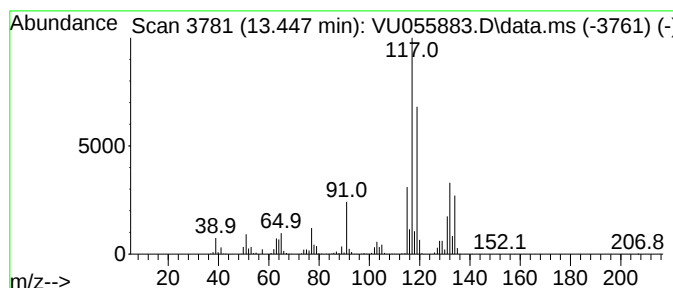
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Quant Title : VOC Analysis

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

Peak Number 49 1-Phenyl-1-butene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	122.26 ug/L	4692460	1,4-Dichlorobenzene-d4	11.810

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

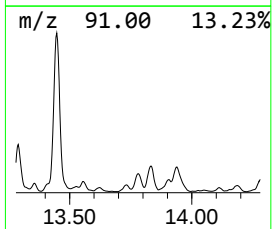
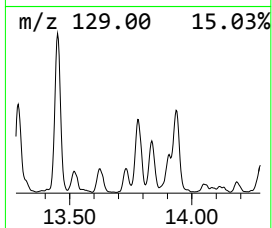
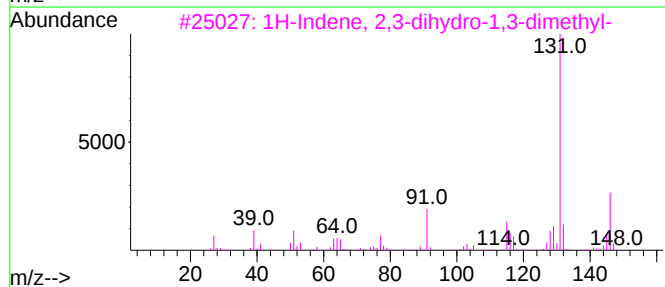
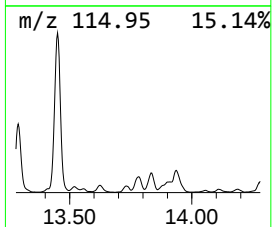
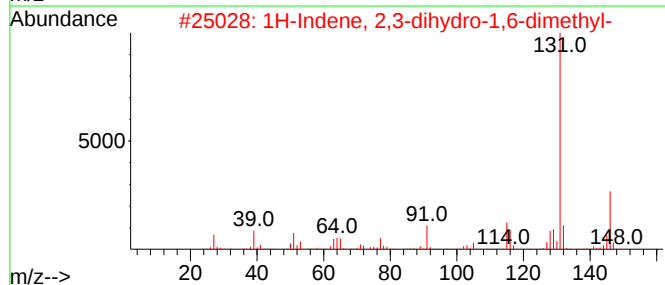
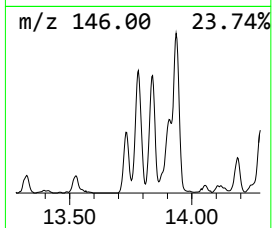
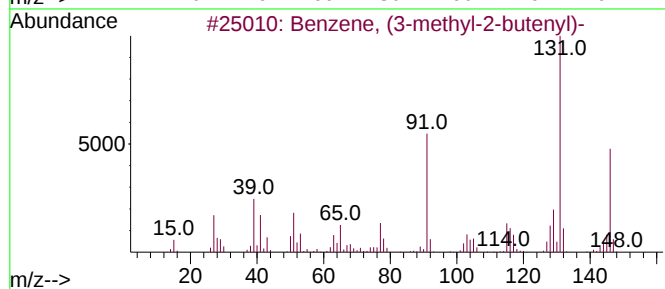
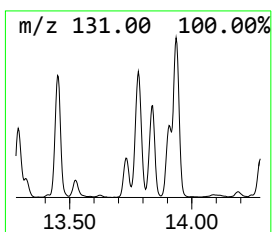
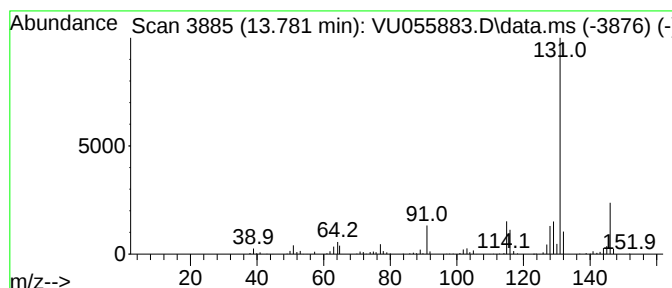
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Quant Title : VOC Analysis

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

Peak Number 53 Benzene, (3-methyl-2-butenyl)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	12.11 ug/L	464624	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
4			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

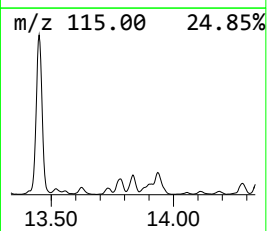
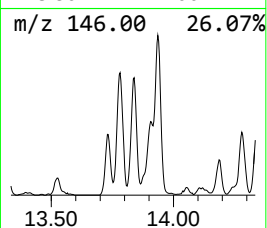
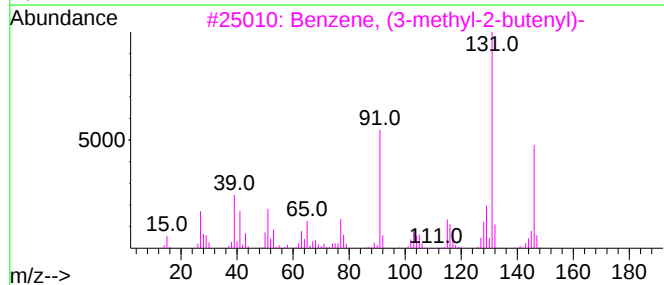
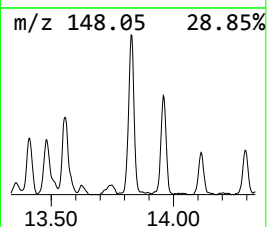
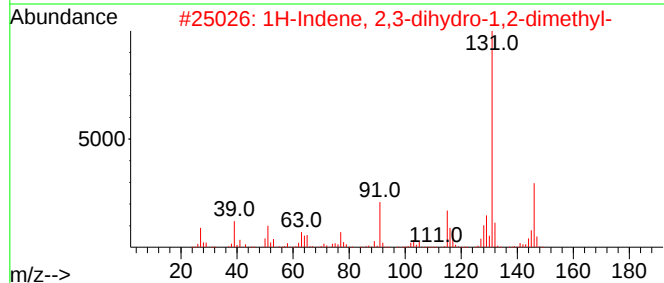
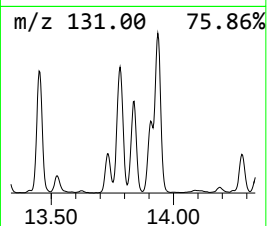
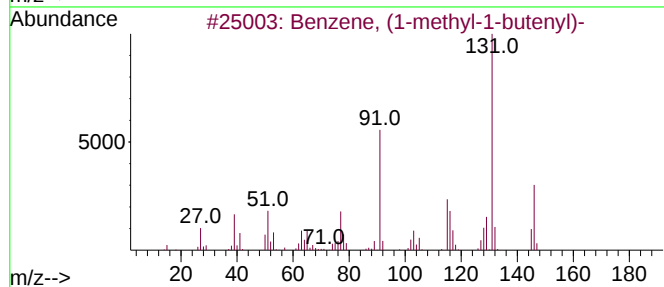
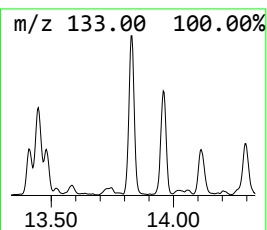
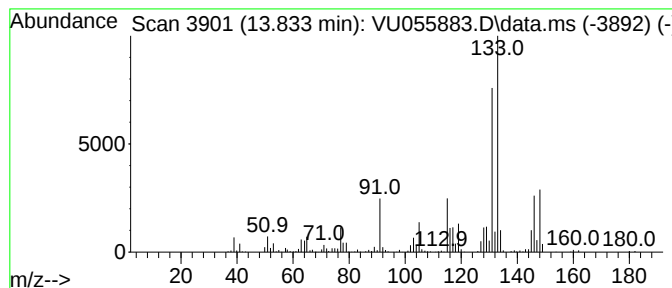
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Quant Title : VOC Analysis

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

Peak Number 54 Benzene, (1-methyl-1-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	17.80 ug/L	683188	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

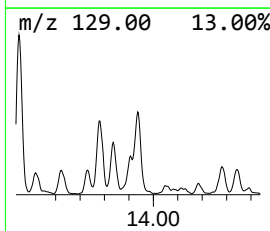
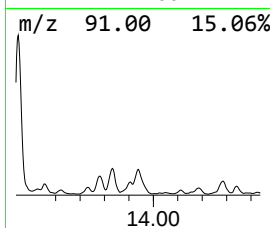
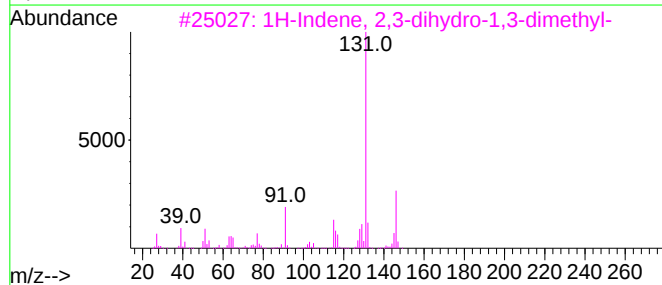
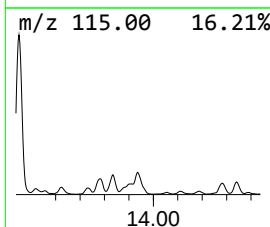
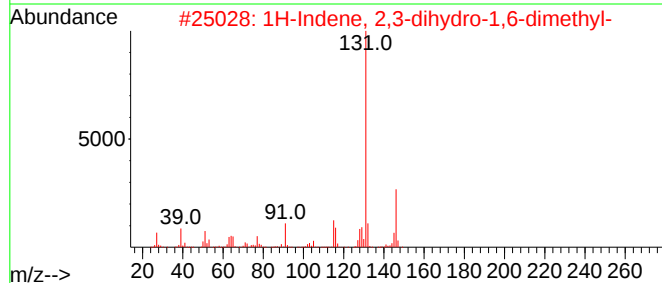
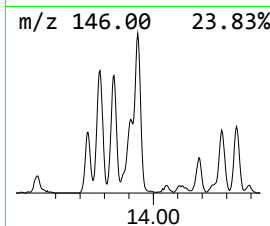
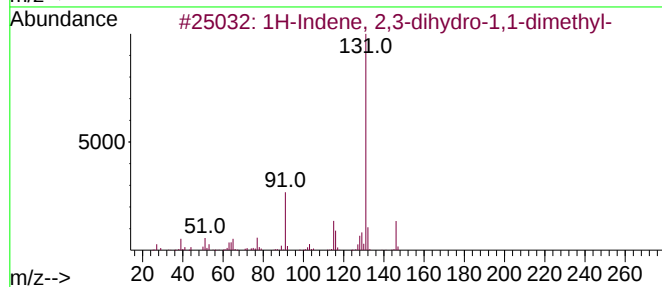
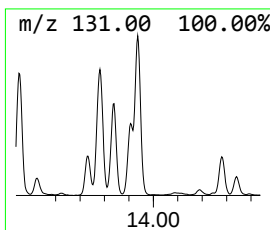
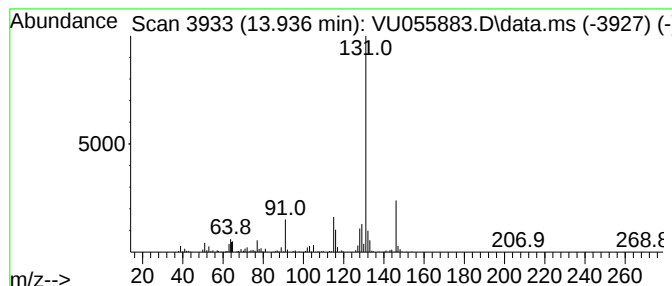
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Quant Title : VOC Analysis

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

Peak Number 56 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.936	21.81 ug/L	836980	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	95
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
5			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

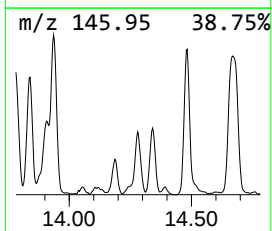
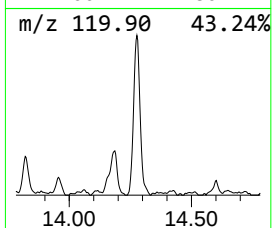
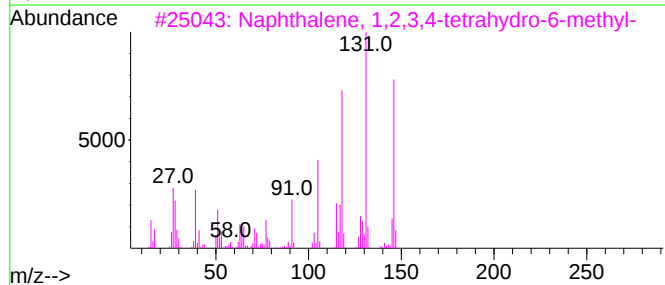
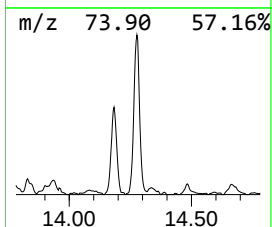
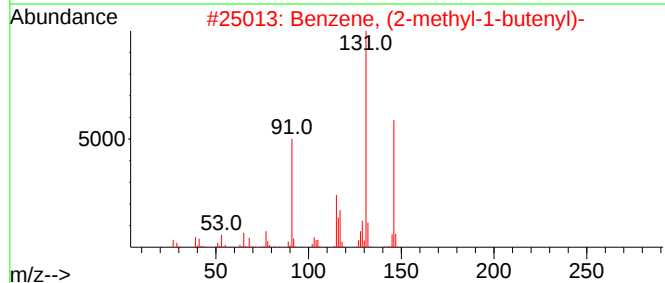
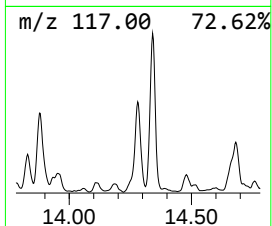
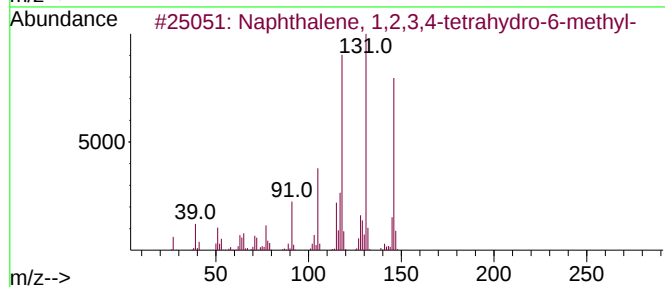
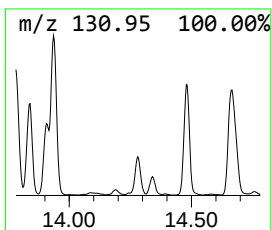
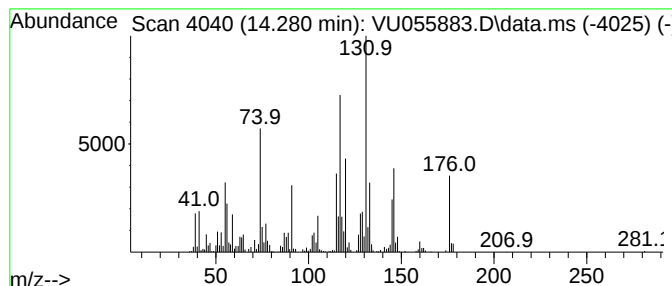
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Quant Title : VOC Analysis

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

Peak Number 59 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.280	16.01 ug/L	614642	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
2			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	50
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

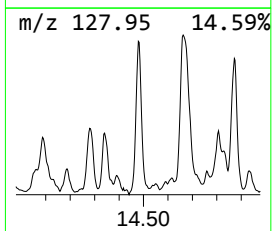
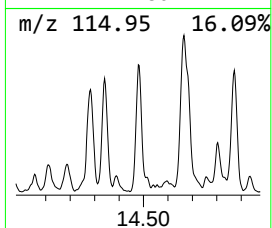
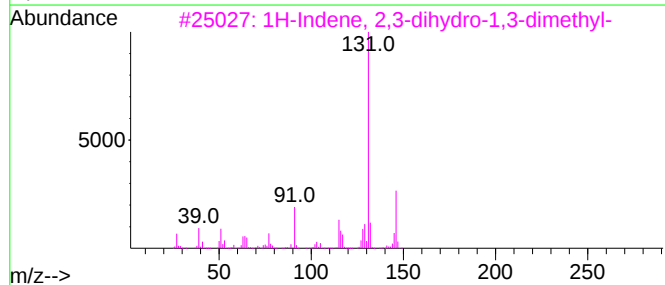
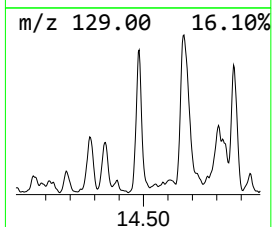
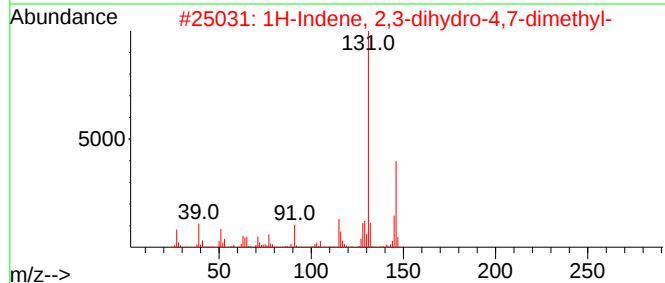
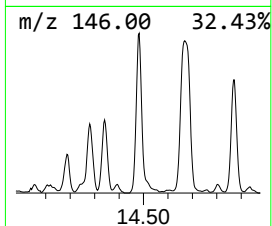
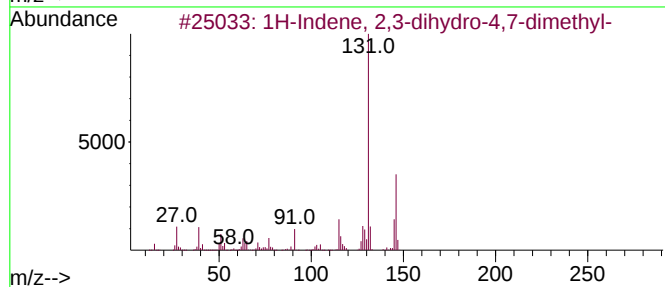
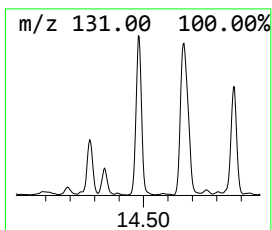
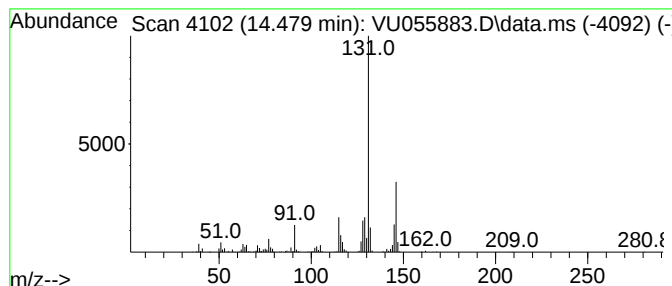
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Quant Title : VOC Analysis

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

Peak Number 61 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.479	13.95 ug/L	535599	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	95
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

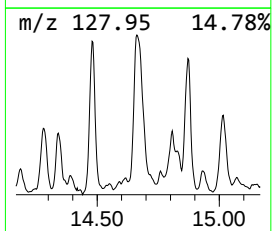
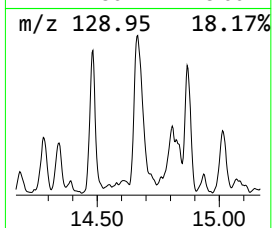
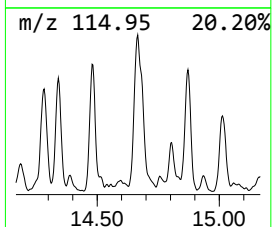
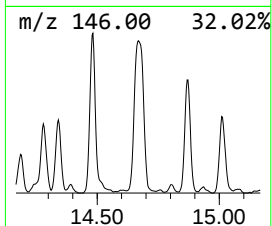
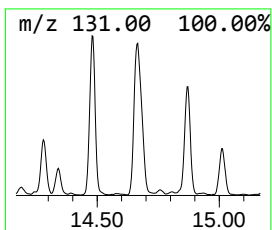
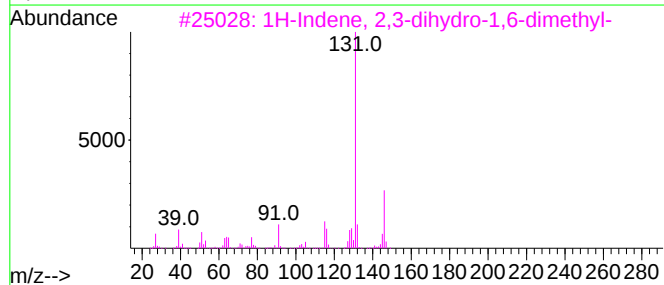
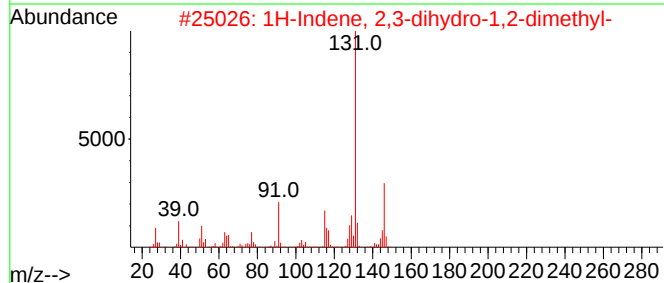
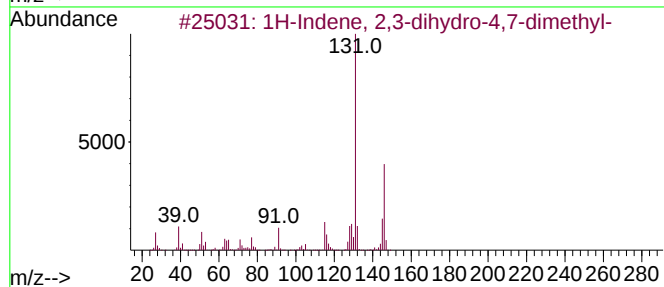
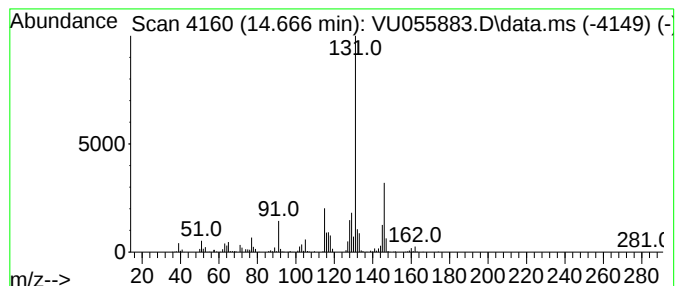
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Quant Title : VOC Analysis

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

Peak Number 62 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	21.85 ug/L	838598	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
5			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

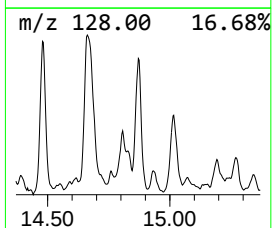
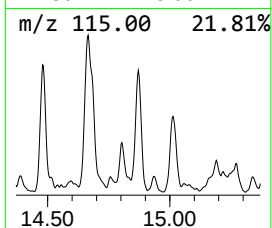
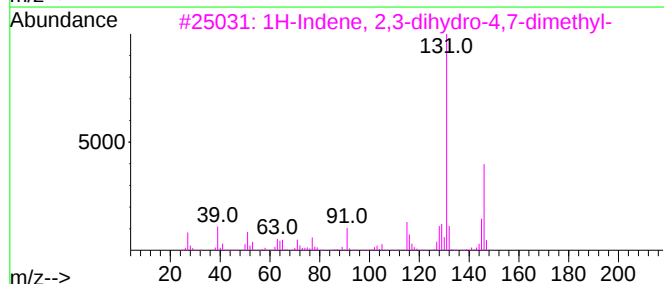
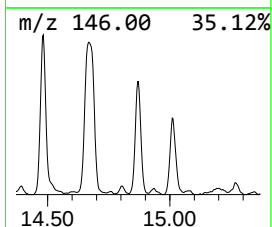
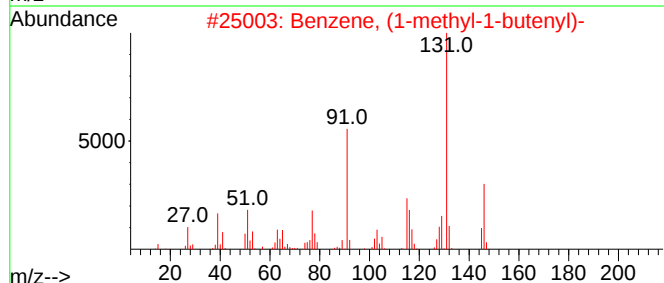
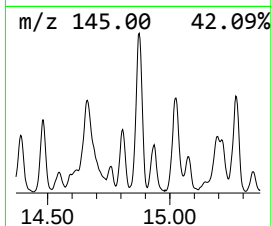
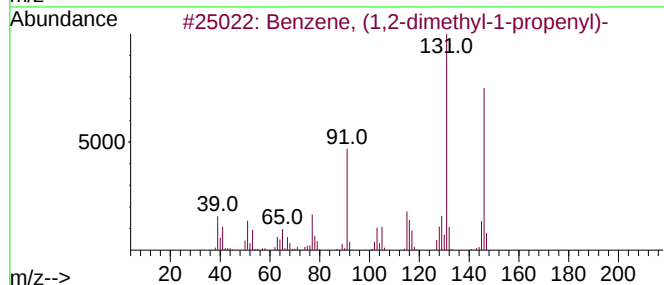
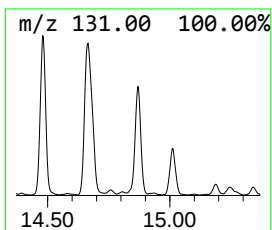
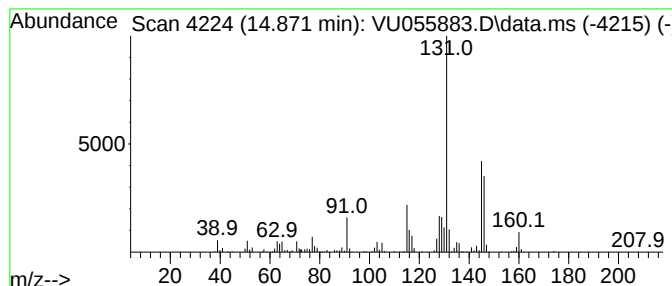
Instrument :
MSVOA_U
ClientSampleId :
EOAR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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

Peak Number 64 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.871	11.82 ug/L	453558	1,4-Dichlorobenzene-d4			11.810
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-		146	C11H14	000769-57-3	92
2	Benzene, (1-methyl-1-butenyl)-		146	C11H14	053172-84-2	86
3	1H-Indene, 2,3-dihydro-4,7-dimet...		146	C11H14	006682-71-9	76
4	Benzene, (3-methyl-2-butenyl)-		146	C11H14	004489-84-3	70
5	2,2-Dimethylindene, 2,3-dihydro-		146	C11H14	020836-11-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

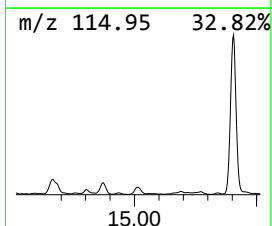
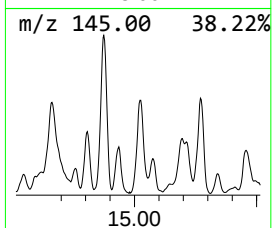
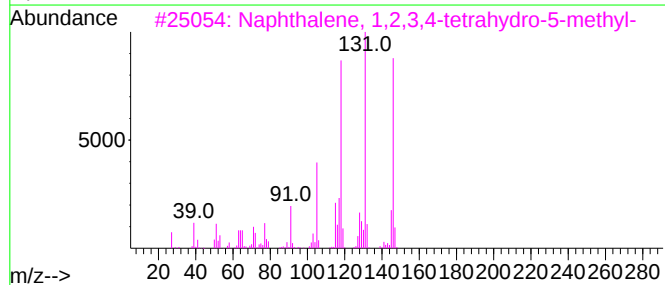
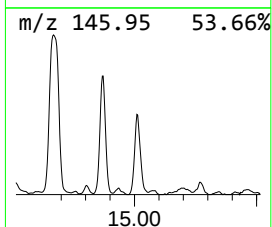
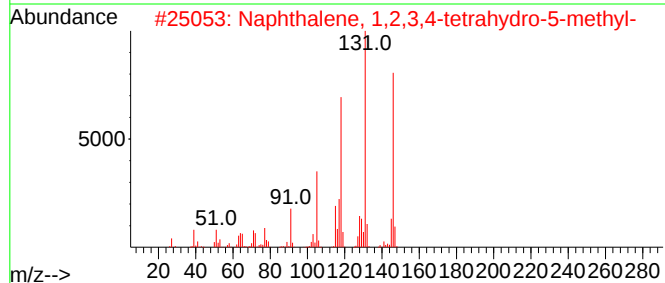
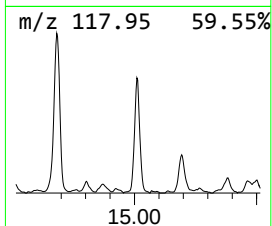
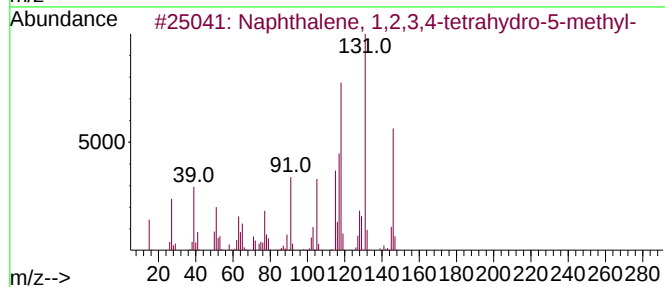
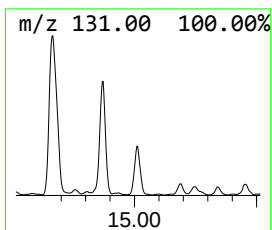
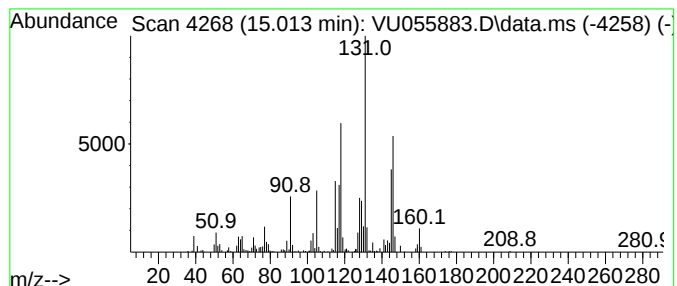
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Quant Title : VOC Analysis

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

Peak Number 65 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.013	8.59 ug/L	329734	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	89
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

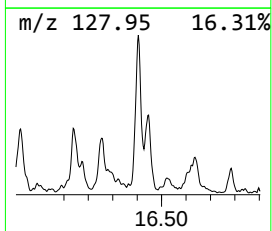
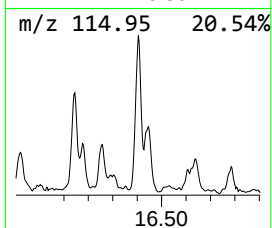
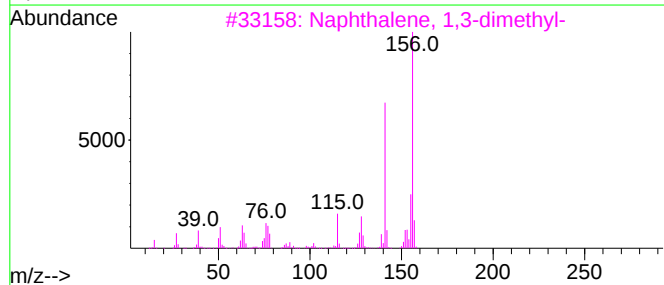
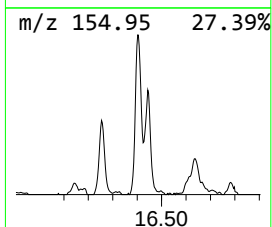
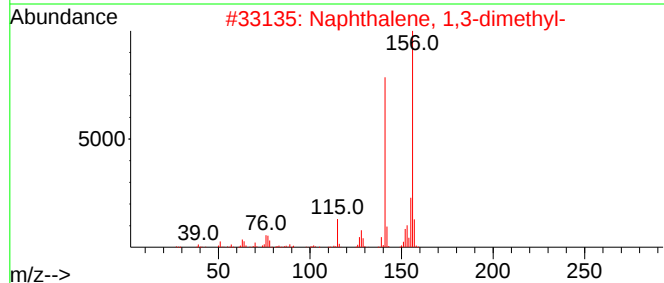
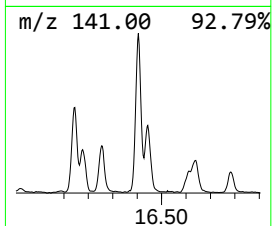
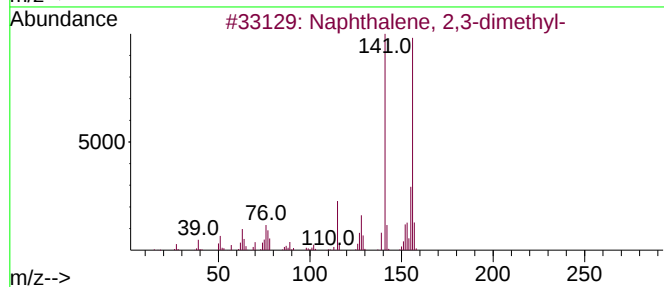
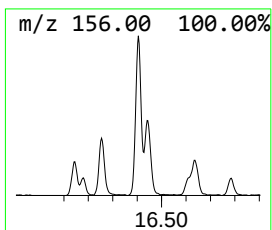
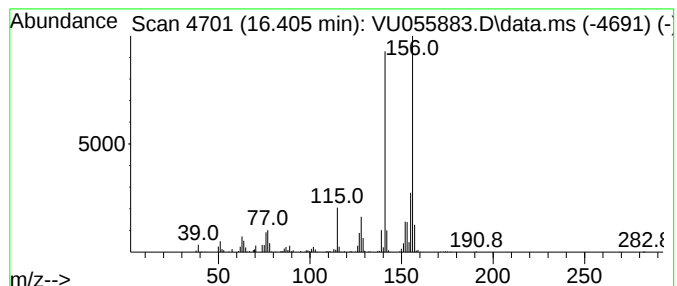
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Quant Title : VOC Analysis

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

Peak Number 71 Naphthalene, 2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.405	9.82 ug/L	376818	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
Data File : VU055883.D
Acq On : 25 Oct 2023 16:45
Operator : MD/SY
Sample : 04952-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EOAR4

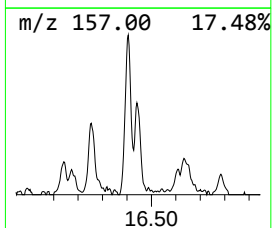
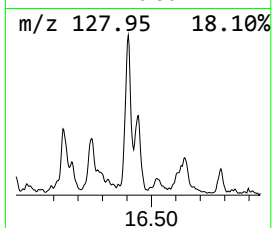
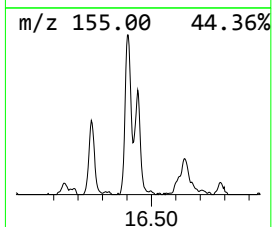
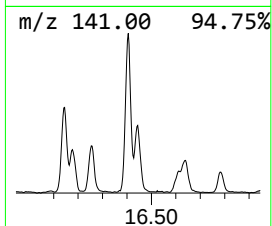
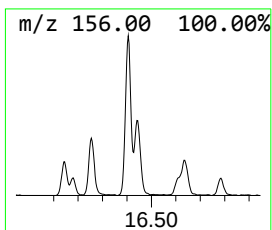
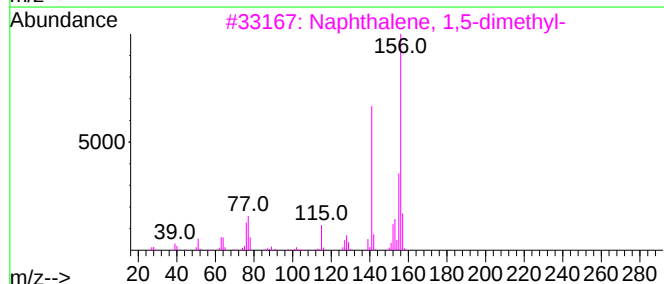
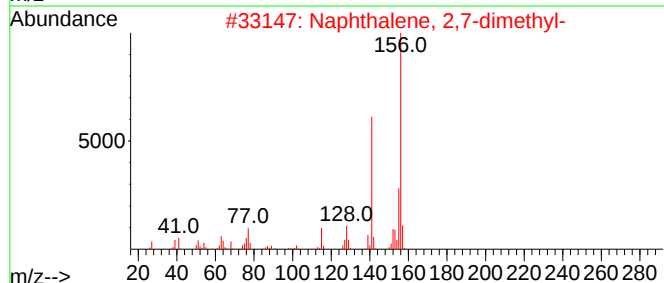
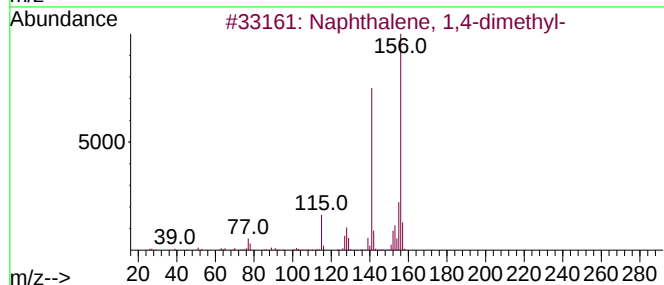
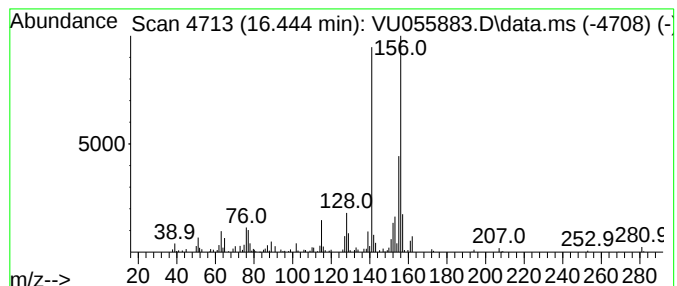
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Quant Title : VOC Analysis

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

Peak Number 72 Naphthalene, 1,4-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.444	5.40 ug/L	207427	1,4-Dichlorobenzene-d4	11.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055883.D
 Acq On : 25 Oct 2023 16:45
 Operator : MD/SY
 Sample : 04952-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOAR4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.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
Sulfur dioxide	1.480	9.0	ug/L	203581	1	6.245	1128040	50.0
(DEL) Alkane: S...	1.968	5.1	ug/L	114441	1	6.245	1128040	50.0
(DEL) Alkane: S...	2.190	5.3	ug/L	119802	1	6.245	1128040	50.0
(DEL) Alkane: S...	2.457	4.2	ug/L	95514	1	6.245	1128040	50.0
(DEL) Alkane: S...	3.145	5.5	ug/L	124183	1	6.245	1128040	50.0
(DEL) Alkane: S...	3.566	4.4	ug/L	99399	1	6.245	1128040	50.0
(DEL) Alkane: S...	3.968	22.3	ug/L	503491	1	6.245	1128040	50.0
(DEL) Alkane: C...	4.525	17.9	ug/L	402913	1	6.245	1128040	50.0
2,4-Hexadiene, ...	5.171	6.8	ug/L	152816	1	6.245	1128040	50.0
(DEL) Alkane: S...	5.457	5.7	ug/L	128835	1	6.245	1128040	50.0
(DEL) Alkane: S...	5.586	5.0	ug/L	113904	1	6.245	1128040	50.0
Cyclohexene	5.891	12.2	ug/L	274905	1	6.245	1128040	50.0
Diethyl sulfide	6.563	10.2	ug/L	231005	1	6.245	1128040	50.0
Cyclobutane, (1...	7.393	14.6	ug/L	328256	1	6.245	1128040	50.0
2,4-Hexadiene, ...	7.753	12.1	ug/L	272001	1	6.245	1128040	50.0
Thiophene, tetr...	8.788	10.8	ug/L	292679	2	9.415	1360060	50.0
Thiophene, tetr...	9.823	8.6	ug/L	233119	2	9.415	1360060	50.0
unknown-01	10.264	11.7	ug/L	317539	2	9.415	1360060	50.0
(DEL) Alkane: C...	10.357	5.9	ug/L	160392	2	9.415	1360060	50.0
(DEL) Alkane: S...	10.547	4.4	ug/L	119648	2	9.415	1360060	50.0
Benzene, propyl-	10.900	56.3	ug/L	2161930	3	11.810	1919130	50.0
Benzene, 1-ethy...	11.290	16.1	ug/L	619022	3	11.810	1919130	50.0
Oxirane, 2-meth...	11.637	11.4	ug/L	438680	3	11.810	1919130	50.0
Benzene, 2-prop...	12.090	83.3	ug/L	3196020	3	11.810	1919130	50.0
Benzene, 1,2-di...	12.299	8.3	ug/L	316689	3	11.810	1919130	50.0
Benzene, 4-ethy...	12.566	66.1	ug/L	2537860	3	11.810	1919130	50.0
Benzene, (1-met...	12.608	12.3	ug/L	473727	3	11.810	1919130	50.0
Indan, 1-methyl-	12.679	51.7	ug/L	1982750	3	11.810	1919130	50.0
Benzene, 1,2,3-...	12.968	44.0	ug/L	1688150	3	11.810	1919130	50.0
1H-Indene, 2,3-...	13.290	34.5	ug/L	1322250	3	11.810	1919130	50.0
1-Phenyl-1-butene	13.447	122.3	ug/L	4692460	3	11.810	1919130	50.0
Benzene, (3-met...	13.781	12.1	ug/L	464624	3	11.810	1919130	50.0
Benzene, (1-met...	13.833	17.8	ug/L	683188	3	11.810	1919130	50.0
1H-Indene, 2,3-...	13.936	21.8	ug/L	836980	3	11.810	1919130	50.0
Naphthalene, 1,...	14.280	16.0	ug/L	614642	3	11.810	1919130	50.0
1H-Indene, 2,3-...	14.479	13.9	ug/L	535599	3	11.810	1919130	50.0
1H-Indene, 2,3-...	14.666	21.9	ug/L	838598	3	11.810	1919130	50.0
Benzene, (1,2-d...	14.871	11.8	ug/L	453558	3	11.810	1919130	50.0
Naphthalene, 1,...	15.013	8.6	ug/L	329734	3	11.810	1919130	50.0
Naphthalene, 2,...	16.405	9.8	ug/L	376818	3	11.810	1919130	50.0
Naphthalene, 1,...	16.444	5.4	ug/L	207427	3	11.810	1919130	50.0