

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039418.D
 Acq On : 10 Jul 2020 01:06
 Operator : SY/MD
 Sample : L3261-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE505

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	72	82	92	rBV	41156	53172	7.09%	0.687%
2	1.925	173	182	195	rVB2	43035	69464	9.26%	0.897%
3	2.388	316	326	347	rVB	148307	233934	31.18%	3.021%
4	2.581	373	386	398	rBV	66804	111861	14.91%	1.445%
5	2.662	403	411	429	rVB5	4823	12755	1.70%	0.165%
6	3.379	619	634	658	rVB3	25417	60780	8.10%	0.785%
7	3.874	770	788	807	rBV	33910	80646	10.75%	1.041%
8	4.015	811	832	857	rBV	287585	750336	100.00%	9.690%
9	4.658	1016	1032	1067	rBV2	73776	249019	33.19%	3.216%
10	5.086	1149	1165	1189	rBV3	89453	217854	29.03%	2.813%
11	5.742	1347	1369	1376	rBV3	148912	384964	51.31%	4.971%
12	5.793	1377	1385	1401	rVB	246213	484532	64.58%	6.257%
13	5.909	1407	1421	1431	rBV5	3538	7536	1.00%	0.097%
14	6.263	1517	1531	1546	rBV	130185	244740	32.62%	3.161%
15	6.520	1597	1611	1621	rBV5	3333	8004	1.07%	0.103%
16	6.707	1655	1669	1686	rBV2	98576	191063	25.46%	2.467%
17	7.575	1927	1939	1951	rBV	52675	94146	12.55%	1.216%
18	7.687	1965	1974	1989	rBV3	9253	18161	2.42%	0.235%
19	7.906	2021	2042	2055	rBV	173061	304192	40.54%	3.928%
20	7.980	2055	2065	2079	rVB	29424	48856	6.51%	0.631%
21	8.189	2119	2130	2141	rBV2	33570	57843	7.71%	0.747%
22	8.642	2256	2271	2305	rBV	334877	606954	80.89%	7.838%
23	9.279	2457	2469	2479	rBV4	7757	12704	1.69%	0.164%
24	9.423	2501	2514	2518	rBV	191621	320458	42.71%	4.138%
25	9.575	2549	2561	2581	rBV2	84304	166177	22.15%	2.146%
26	9.694	2585	2598	2611	rBV	26147	43572	5.81%	0.563%
27	9.764	2611	2620	2633	rVB4	5225	10063	1.34%	0.130%
28	10.102	2713	2725	2747	rVB	380795	611269	81.47%	7.894%
29	10.485	2829	2844	2855	rBV	83283	130188	17.35%	1.681%
30	10.758	2908	2929	2938	rBV	88705	153434	20.45%	1.981%
31	10.800	2938	2942	2955	rVB6	11510	16512	2.20%	0.213%
32	10.903	2958	2974	2991	rBV	46326	87663	11.68%	1.132%
33	10.993	2991	3002	3008	rBV4	19234	34671	4.62%	0.448%
34	11.086	3023	3031	3041	rVB5	5770	8682	1.16%	0.112%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039418.D
 Acq On : 10 Jul 2020 01:06
 Operator : SY/MD
 Sample : L3261-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE505

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Title : TRACE VOA SOM01.0

35	11.288	3083	3094	3110	rVB	92057	142857	19.04%	1.845%
36	11.465	3139	3149	3162	rVB	118005	182851	24.37%	2.361%
37	11.558	3168	3178	3186	rBV6	4107	9017	1.20%	0.116%
38	11.607	3187	3193	3197	rVV5	5527	8406	1.12%	0.109%
39	11.636	3197	3202	3213	rVB4	8524	12977	1.73%	0.168%
40	11.739	3221	3234	3242	rBV4	9876	15118	2.01%	0.195%
41	11.809	3242	3256	3271	rVV2	197277	372780	49.68%	4.814%
42	11.890	3271	3281	3293	rVB	164288	262869	35.03%	3.395%
43	12.012	3310	3319	3326	rBV3	6964	10192	1.36%	0.132%
44	12.092	3326	3344	3361	rVV2	100811	183882	24.51%	2.375%
45	12.189	3361	3374	3394	rVB2	219878	391632	52.19%	5.057%
46	12.369	3419	3430	3439	rBV	8720	13007	1.73%	0.168%
47	12.459	3448	3458	3463	rBV3	12380	21613	2.88%	0.279%
48	12.565	3482	3491	3500	rBV	32207	46873	6.25%	0.605%
49	12.674	3519	3525	3539	rVB6	5267	11686	1.56%	0.151%
50	12.854	3573	3581	3594	rVB5	13342	27183	3.62%	0.351%
51	12.964	3603	3615	3623	rBV2	15038	23064	3.07%	0.298%
52	13.015	3623	3631	3639	rVB2	10924	17110	2.28%	0.221%
53	13.285	3707	3715	3725	rVB5	7529	10247	1.37%	0.132%
54	13.439	3754	3763	3778	rVB5	17621	31109	4.15%	0.402%
55	14.076	3953	3961	3977	rVB	19740	34637	4.62%	0.447%
56	14.754	4163	4172	4177	rBV6	5658	9336	1.24%	0.121%
57	15.063	4259	4268	4279	rBV7	5464	8352	1.11%	0.108%
58	15.401	4364	4373	4382	rVB2	7540	10636	1.42%	0.137%

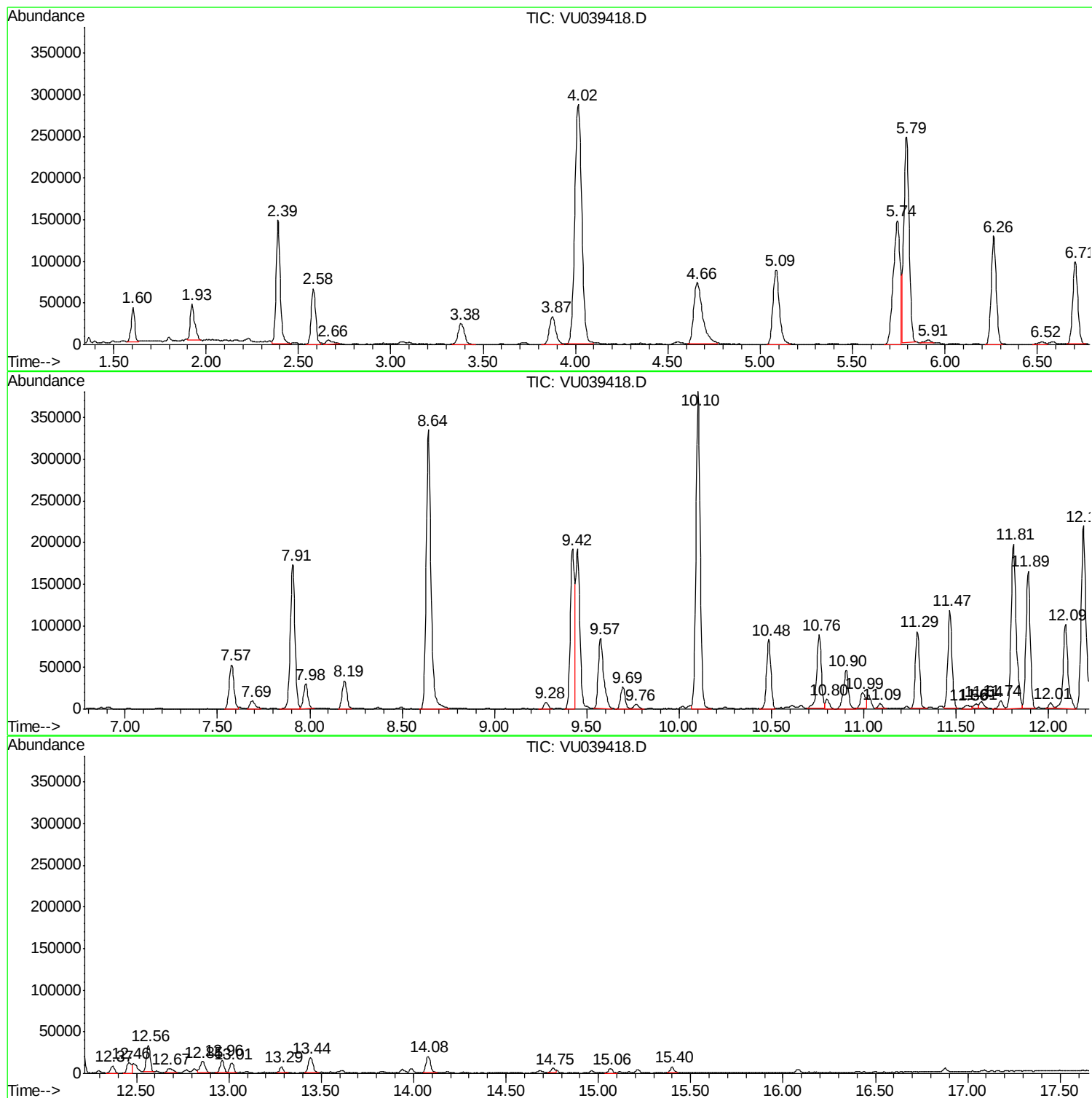
Sum of corrected areas: 7743639

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE505

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE505

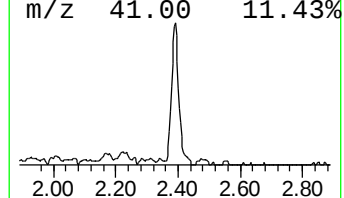
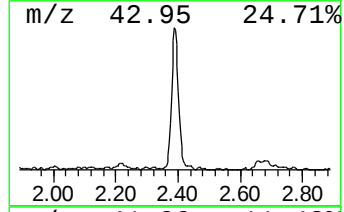
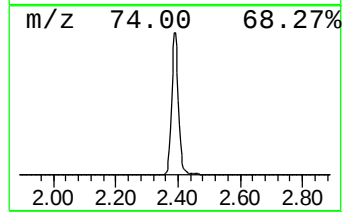
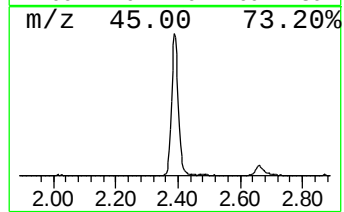
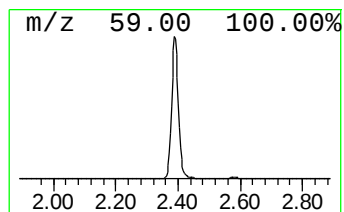
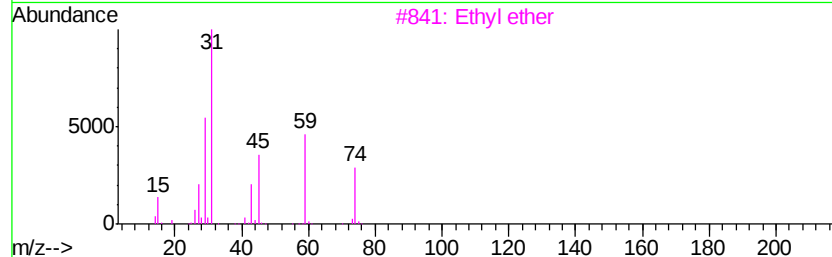
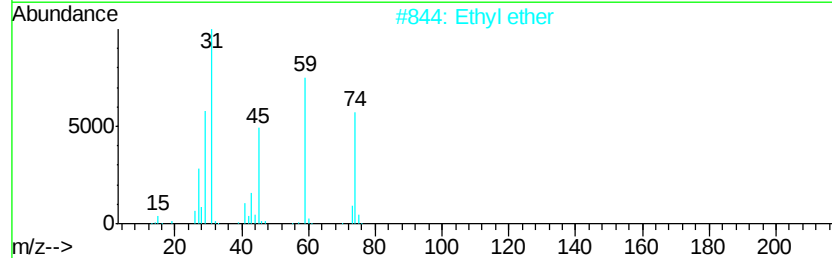
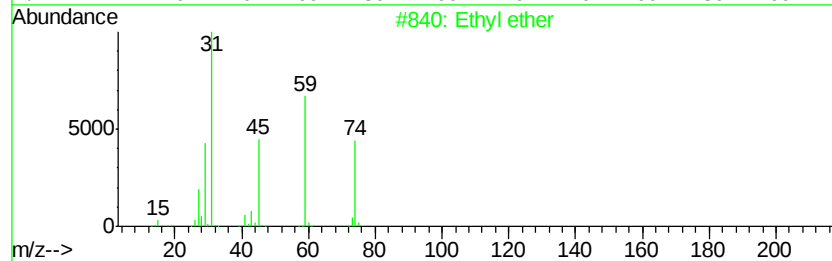
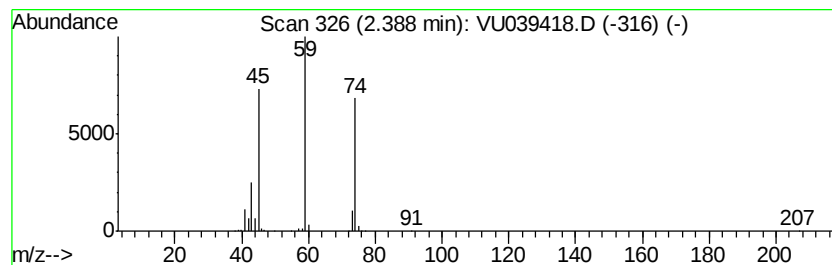
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	4.78 ug/L	233934	1,4-Difluorobenzene	6.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl ether	74	C4H10O	000060-29-7	90
2			Ethyl ether	74	C4H10O	000060-29-7	90
3			Ethyl ether	74	C4H10O	000060-29-7	83
4			Ethyl ether	74	C4H10O	000060-29-7	78
5			Ethyl ether	74	C4H10O	000060-29-7	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE505

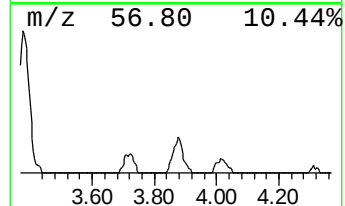
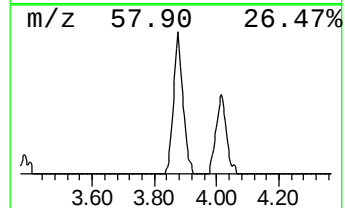
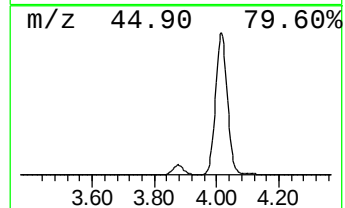
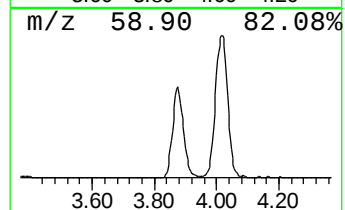
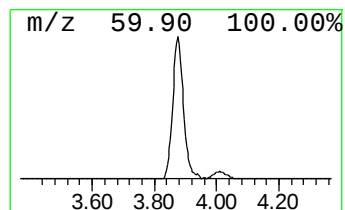
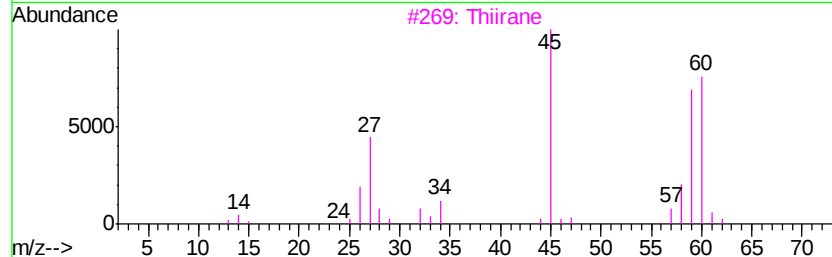
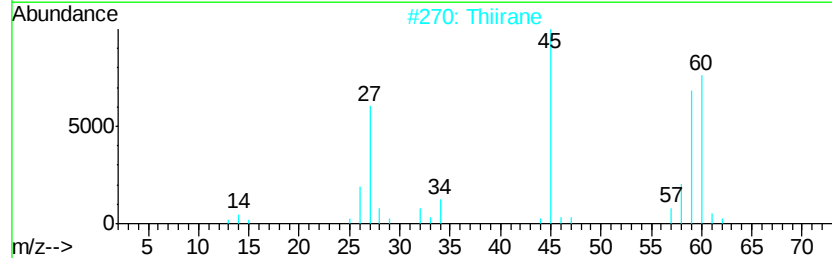
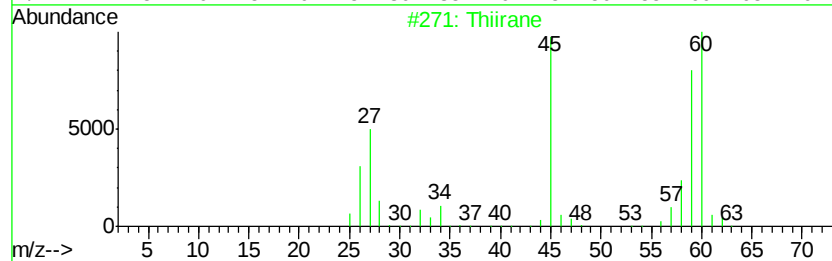
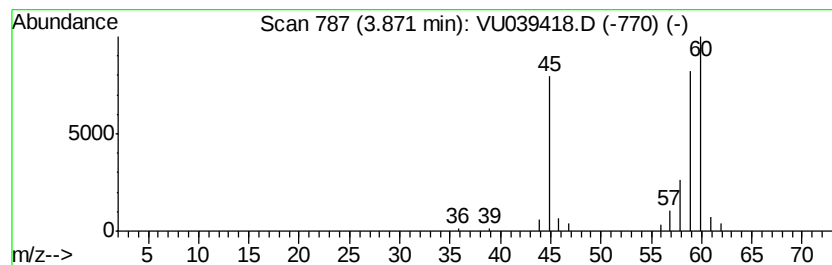
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Thiirane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	1.65 ug/L	80646	1,4-Difluorobenzene	6.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiirane	60	C2H4S	000420-12-2	90
2			Thiirane	60	C2H4S	000420-12-2	52
3			Thiirane	60	C2H4S	000420-12-2	52
4			Silane, dimethyl-	60	C2H8Si	001111-74-6	28
5			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE505

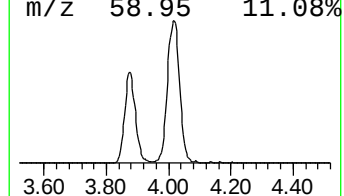
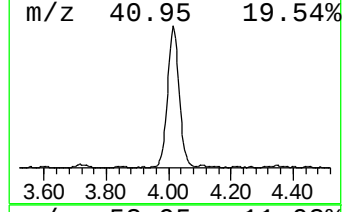
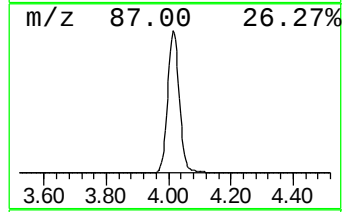
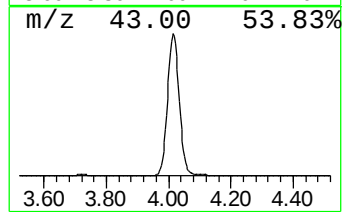
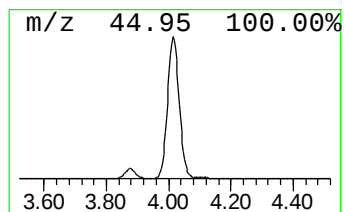
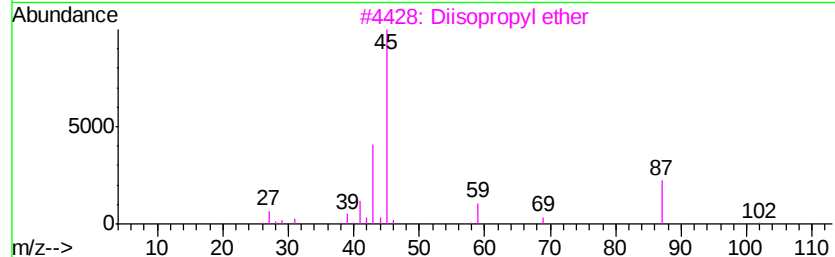
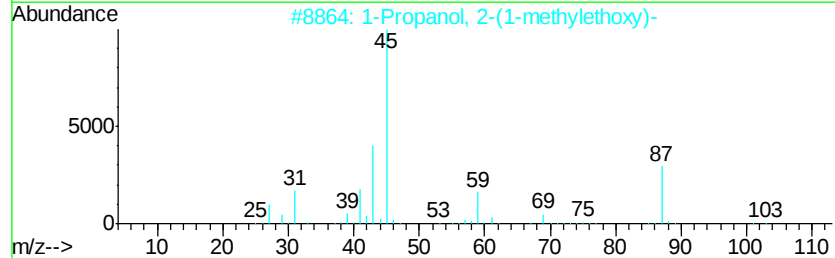
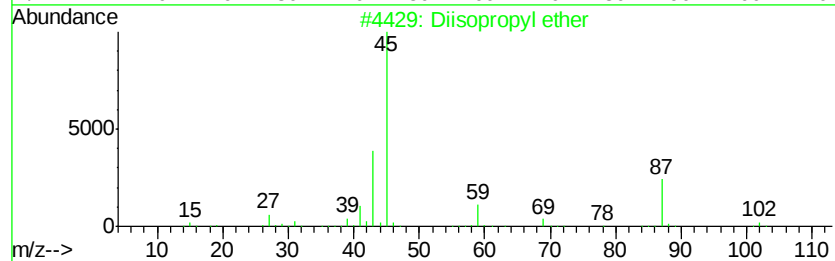
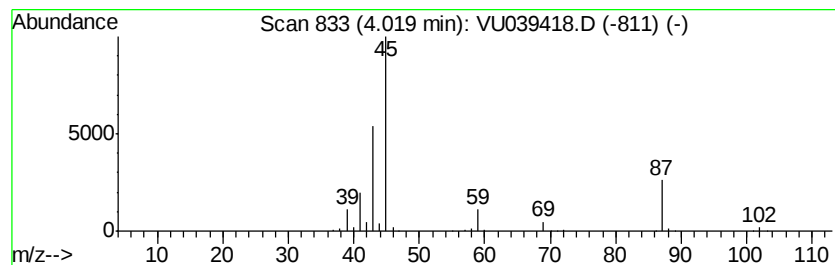
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	15.33 ug/L	750336	1,4-Difluorobenzene	6.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diisopropyl ether	102	C6H14O	000108-20-3	86
2		1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	83
3		Diisopropyl ether	102	C6H14O	000108-20-3	74
4		Diisopropyl ether	102	C6H14O	000108-20-3	74
5		2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE505

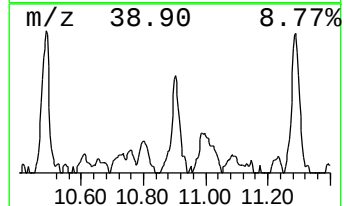
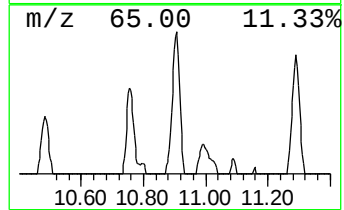
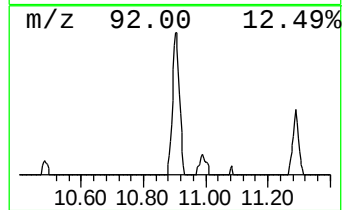
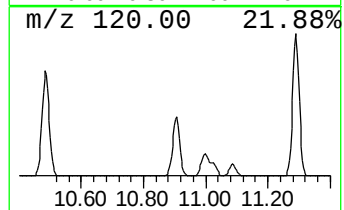
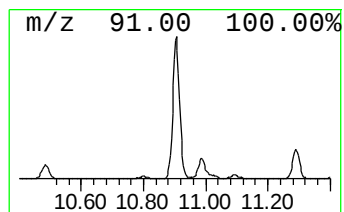
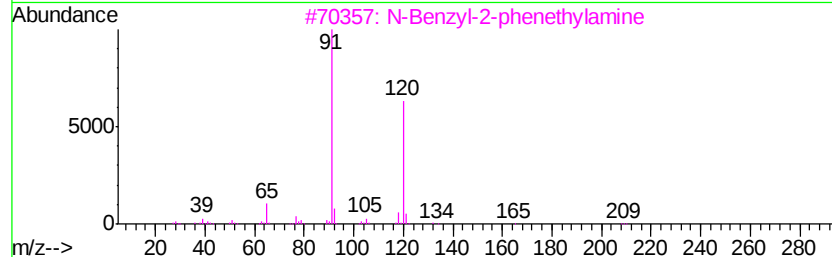
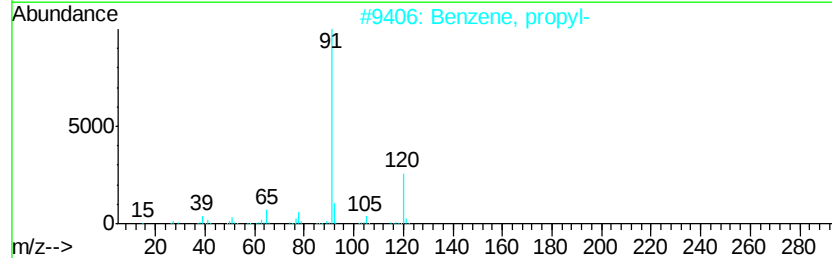
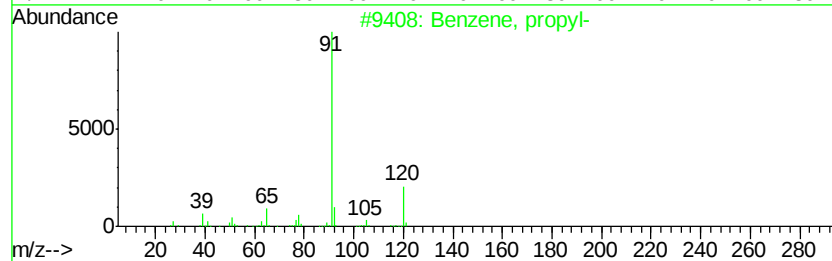
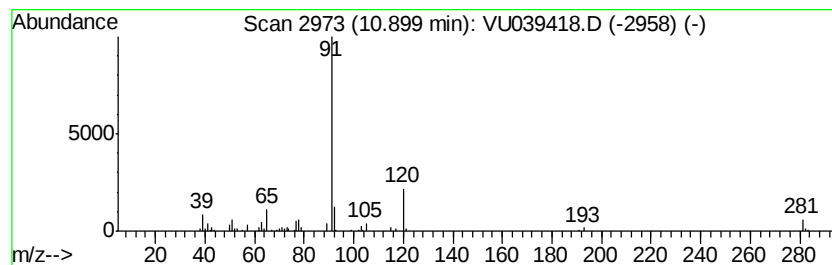
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	1.18 ug/L	87663	1,4-Dichlorobenzene-d4	11.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, propyl-	120	C9H12	000103-65-1	87
2		Benzene, propyl-	120	C9H12	000103-65-1	80
3		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE505

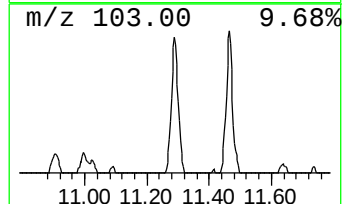
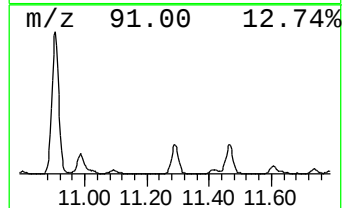
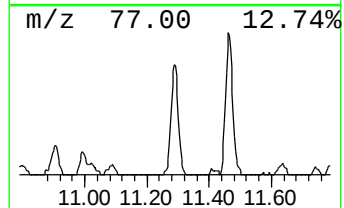
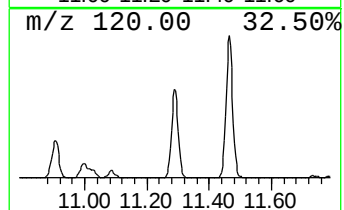
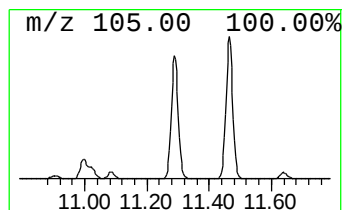
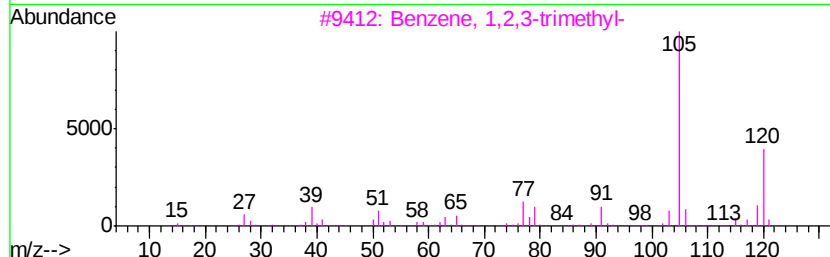
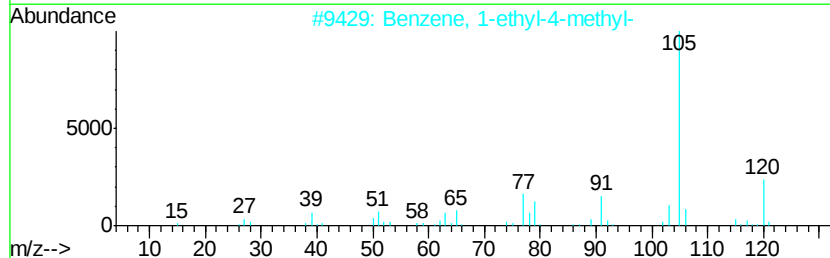
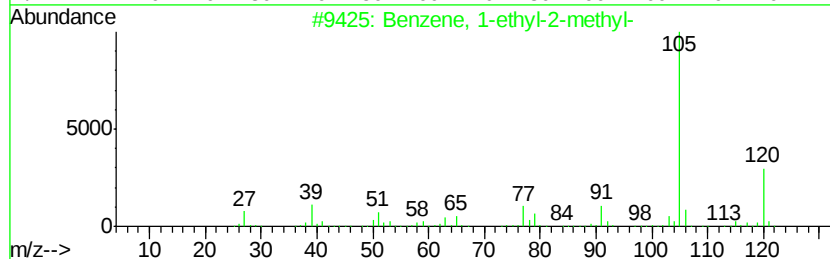
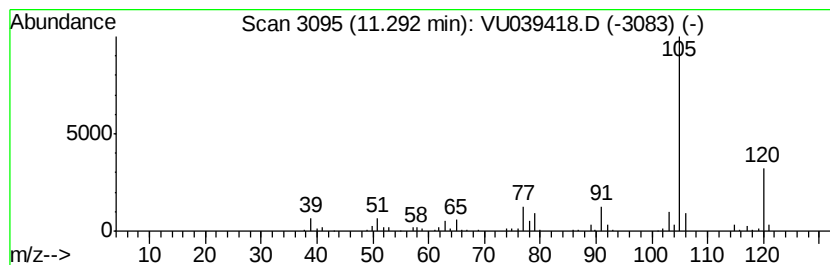
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	1.92 ug/L	142857	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE505

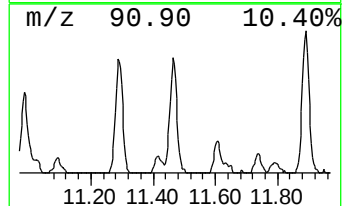
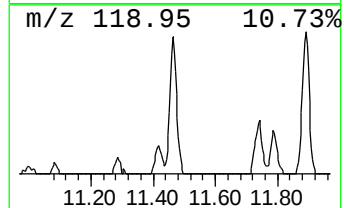
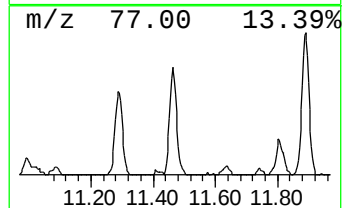
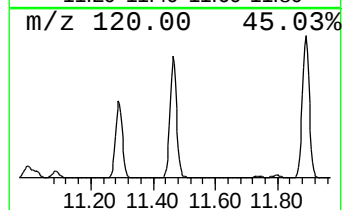
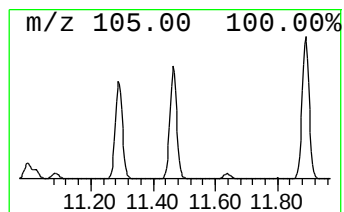
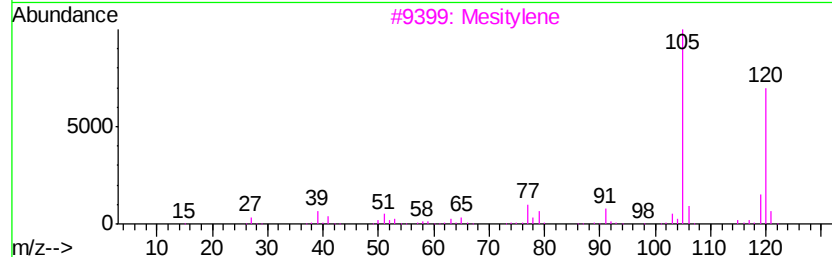
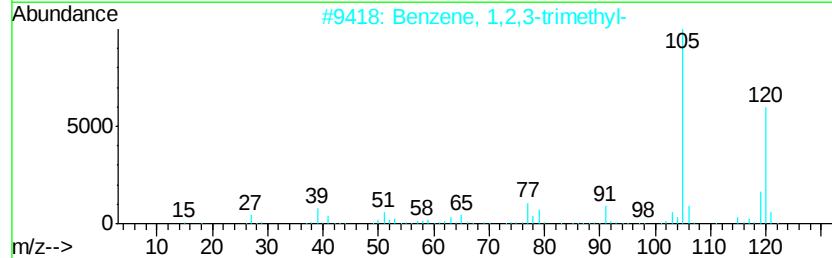
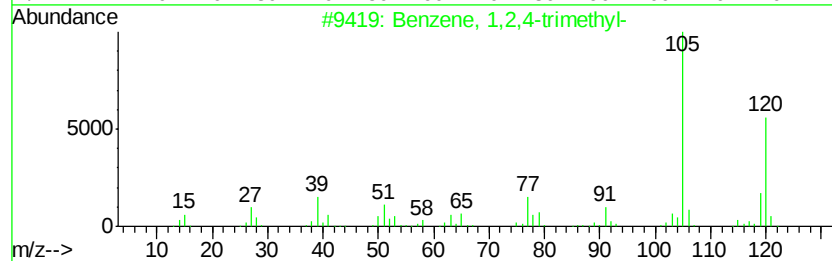
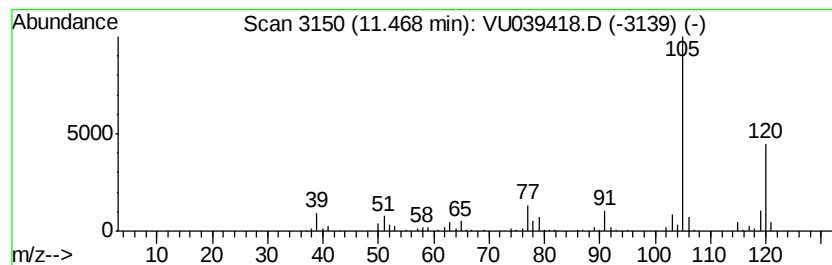
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	2.45 ug/L	182851	1,4-Dichlorobenzene-d4	11.81

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE505

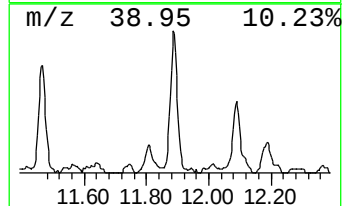
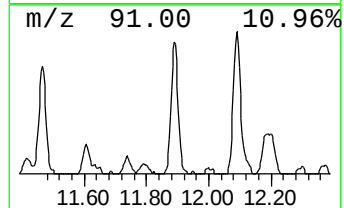
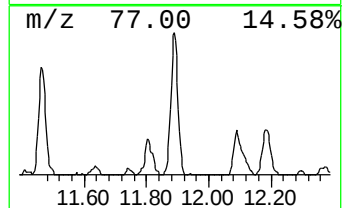
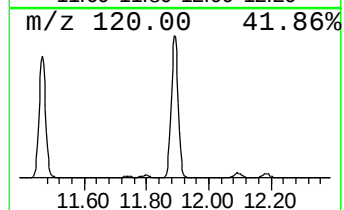
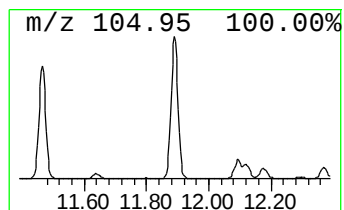
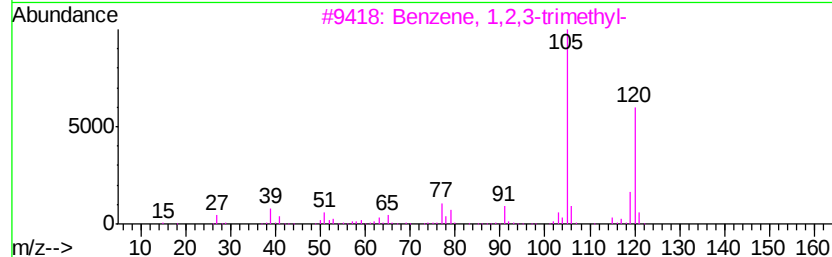
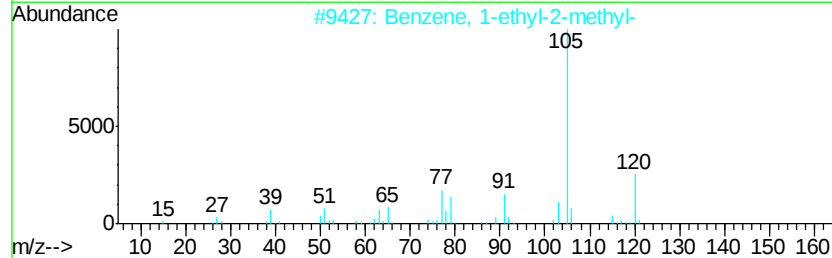
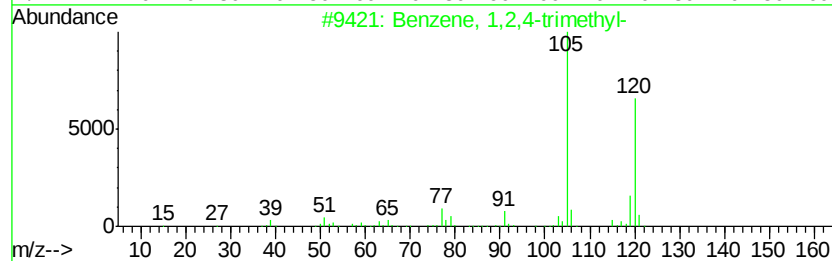
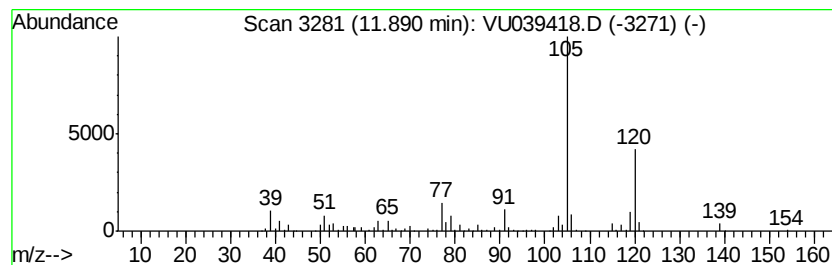
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.53 ug/L	262869	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE505

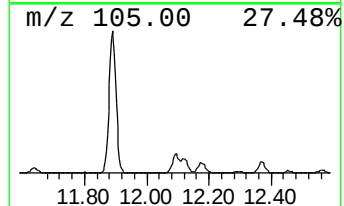
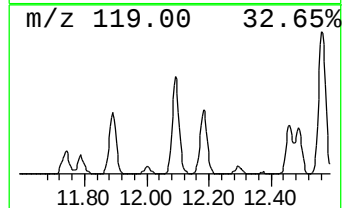
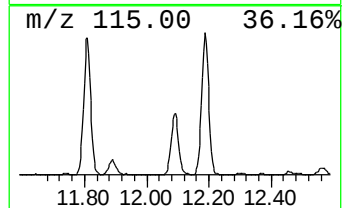
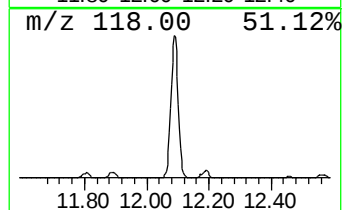
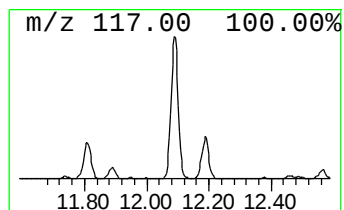
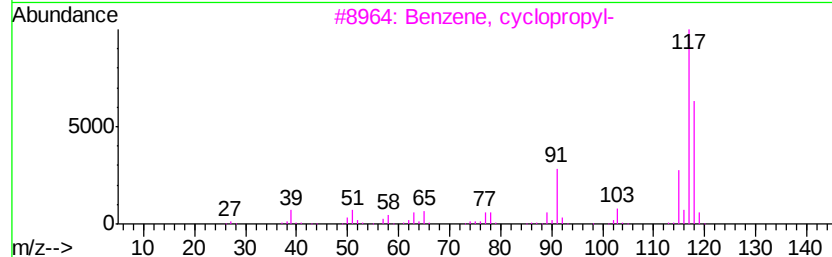
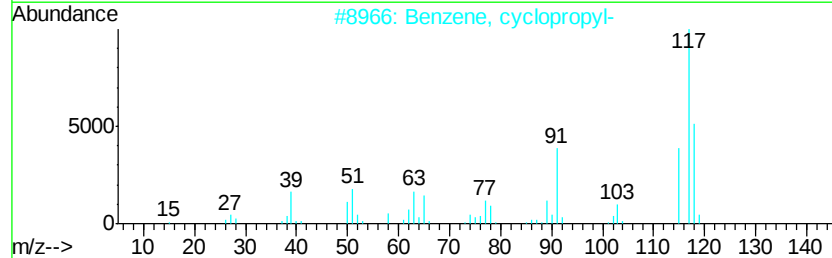
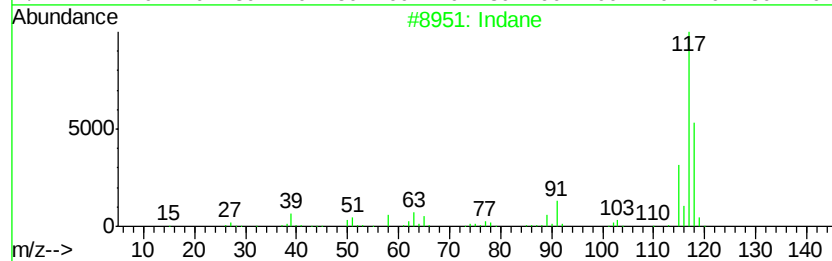
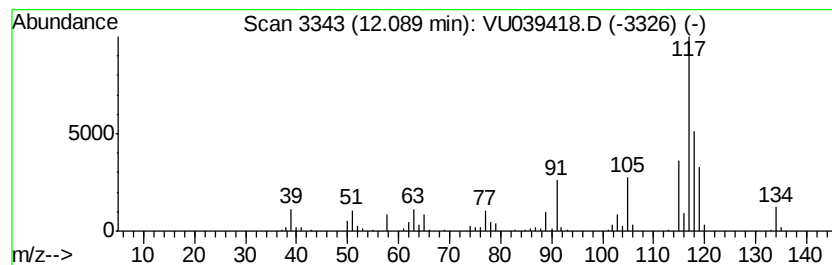
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.47 ug/L	183882	1,4-Dichlorobenzene-d4	11.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	90
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	64
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	62
4	Deltacyclene		118	C9H10	007785-10-6	58
5	Benzene, 2-propenyl-		118	C9H10	000300-57-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE505

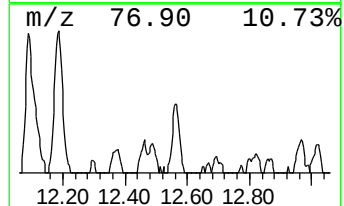
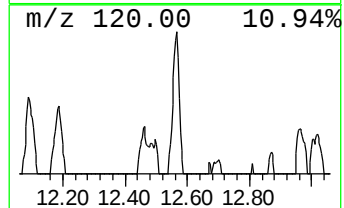
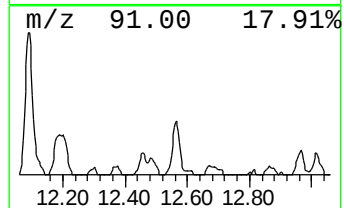
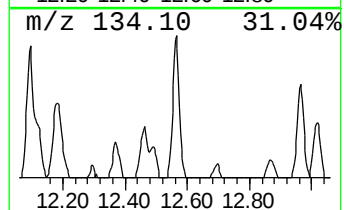
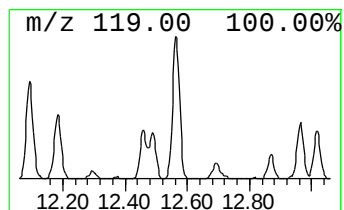
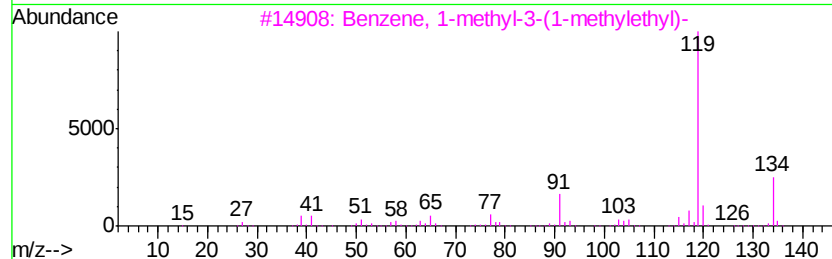
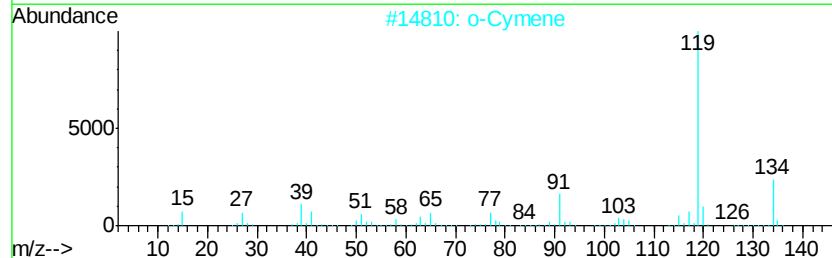
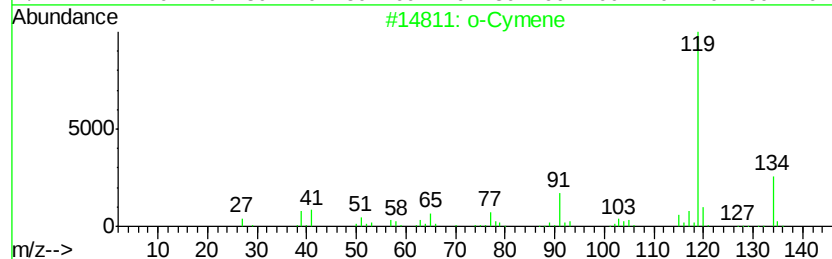
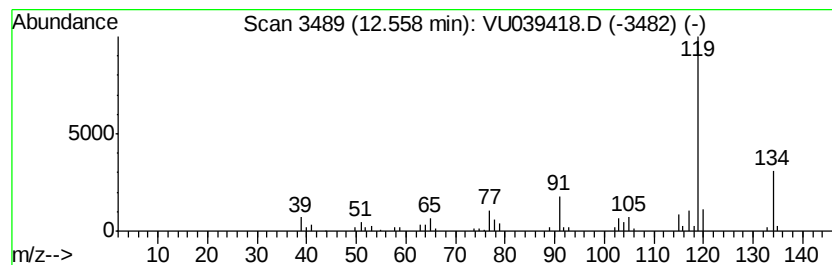
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	0.63 ug/L	46873	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE505

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl ether	2.39	4.8	ug/L	233934	1	6.27	244740	5.0
Thiirane	3.87	1.6	ug/L	80646	1	6.27	244740	5.0
Diisopropyl ether	4.02	15.3	ug/L	750336	1	6.27	244740	5.0
Benzene, propyl-	10.90	1.2	ug/L	87663	3	11.81	372780	5.0
Benzene, 1-ethyl-...	11.29	1.9	ug/L	142857	3	11.81	372780	5.0
Benzene, 1,2,4-tr...	11.47	2.5	ug/L	182851	3	11.81	372780	5.0
Benzene, 1,2,3-tr...	11.89	3.5	ug/L	262869	3	11.81	372780	5.0
Indane	12.09	2.5	ug/L	183882	3	11.81	372780	5.0
o-Cymene	12.56	0.6	ug/L	46873	3	11.81	372780	5.0