

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040173.D
 Acq On : 17 Sep 2020 01:48
 Operator : SY/MD
 Sample : L4046-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q0

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\SOMUTR083120WMA.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	2.392	315	327	345	rBV	2372209	3653507	5.60%	1.467%
2	4.025	812	835	870	rBV	1675900	4358212	6.68%	1.750%
3	5.128	1148	1178	1231	rBV2	508608	1923430	2.95%	0.772%
4	5.800	1350	1387	1413	rBV2	31030799	65267587	100.00%	26.203%
5	9.449	2500	2522	2535	rBV	4981452	8465999	12.97%	3.399%
6	9.575	2548	2561	2584	rVB	6504172	10435361	15.99%	4.189%
7	9.694	2584	2598	2612	rBV	5260685	8292500	12.71%	3.329%
8	10.102	2712	2725	2748	rVB2	1737844	3143342	4.82%	1.262%
9	10.484	2829	2844	2857	rBV	4277502	6810614	10.43%	2.734%
10	10.902	2957	2974	2992	rVB	1931821	3525563	5.40%	1.415%
11	11.086	3019	3031	3045	rBV	795771	1221152	1.87%	0.490%
12	11.288	3082	3094	3116	rVB	757327	1375620	2.11%	0.552%
13	11.465	3136	3149	3164	rVB	11073479	17254476	26.44%	6.927%
14	11.796	3242	3252	3255	rVV2	394087	666939	1.02%	0.268%
15	11.832	3257	3263	3271	rVV	782240	1263461	1.94%	0.507%
16	11.890	3271	3281	3294	rVB	4911743	7878637	12.07%	3.163%
17	12.095	3328	3345	3360	rBV	21485044	34536541	52.92%	13.865%
18	12.205	3360	3379	3398	rVB7	677995	1941360	2.97%	0.779%
19	12.459	3446	3458	3463	rBV	635233	1050797	1.61%	0.422%
20	12.562	3480	3490	3499	rBV	1319874	2000746	3.07%	0.803%
21	12.677	3517	3526	3540	rBV2	299659	660262	1.01%	0.265%
22	12.767	3541	3554	3563	rBV2	908844	1591755	2.44%	0.639%
23	12.963	3605	3615	3623	rBV	800831	1186315	1.82%	0.476%
24	13.018	3623	3632	3642	rVV	1292446	1933266	2.96%	0.776%
25	13.285	3706	3715	3727	rVB	1707419	2653328	4.07%	1.065%
26	13.443	3754	3764	3776	rBV3	2381522	4053378	6.21%	1.627%
27	13.510	3777	3785	3794	rVB	836300	1231144	1.89%	0.494%
28	13.616	3805	3818	3830	rVB2	2208314	3669911	5.62%	1.473%
29	13.941	3903	3919	3927	rBV4	784518	1454321	2.23%	0.584%
30	13.989	3927	3934	3944	rVB	686584	1006919	1.54%	0.404%
31	14.082	3949	3963	3985	rVV	19955893	32849940	50.33%	13.188%
32	14.195	3985	3998	4009	rVB	769063	1417840	2.17%	0.569%
33	15.063	4259	4268	4278	rVB2	545791	829814	1.27%	0.333%
34	15.208	4303	4313	4326	rBV	2403842	3726842	5.71%	1.496%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR083120WMA.M
Title : TRACE VOA SOM01.0

35	15.397	4358	4372	4401	rVB	3553890	5756818	8.82%	2.311%
----	--------	------	------	------	-----	---------	---------	-------	--------

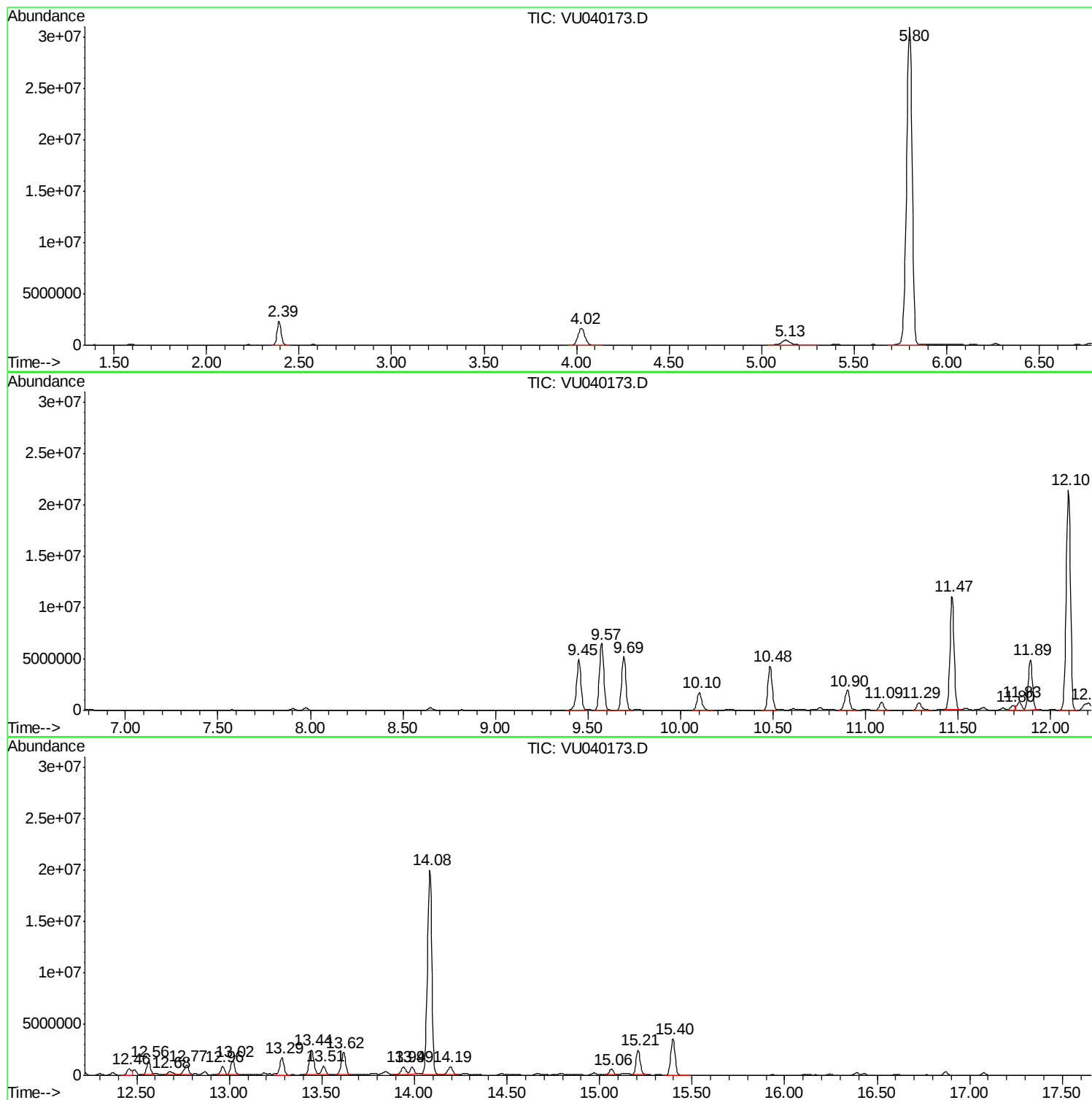
Sum of corrected areas: 249087697

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.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\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

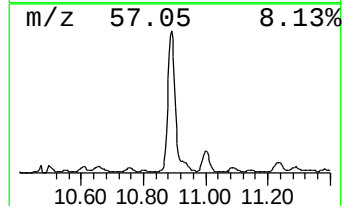
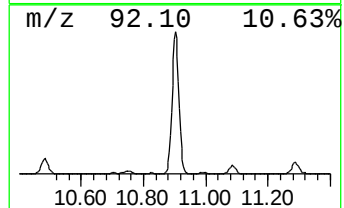
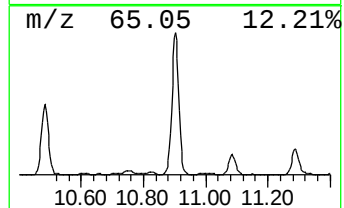
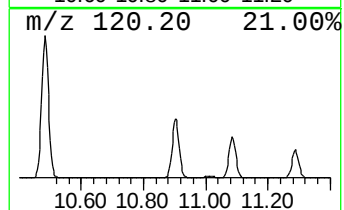
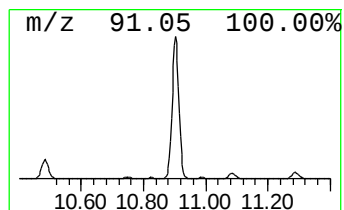
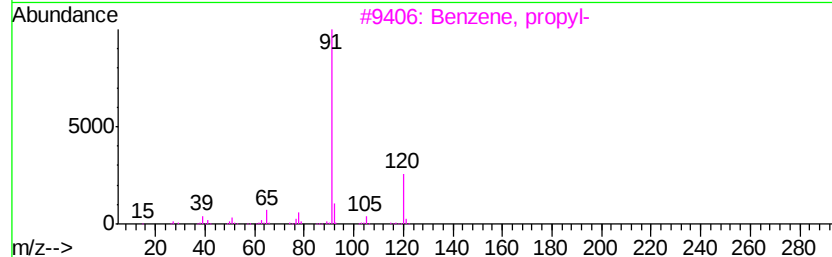
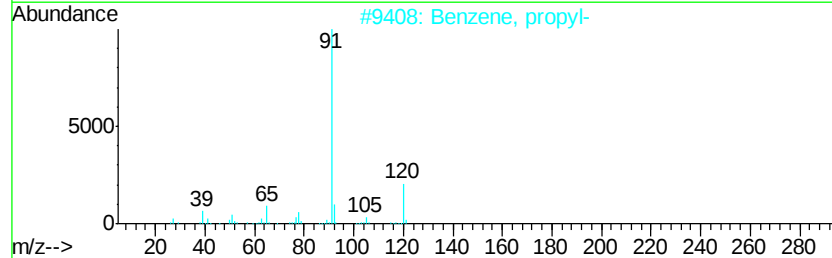
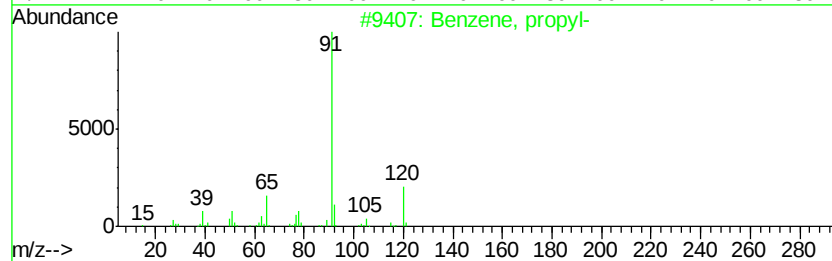
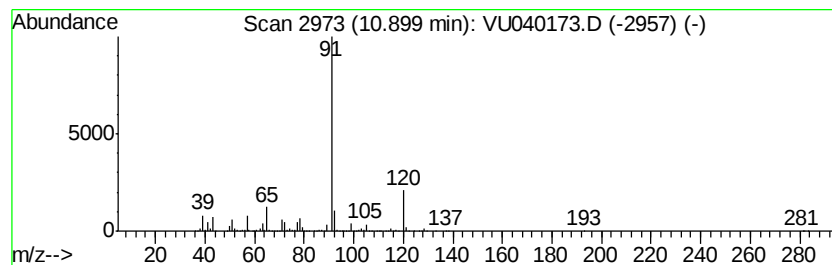
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	26.43 ug/L	3525560	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	87
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

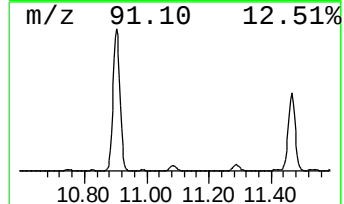
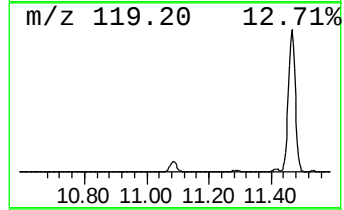
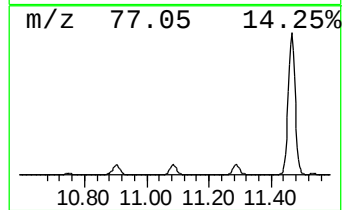
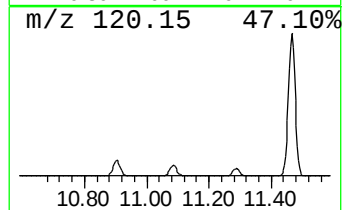
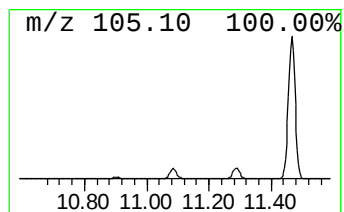
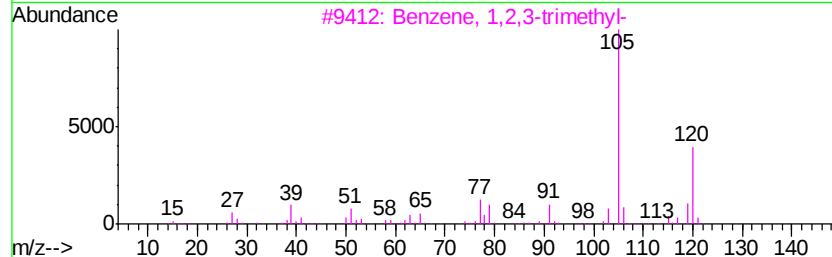
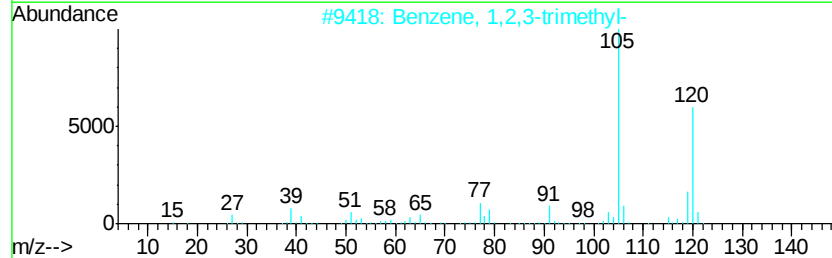
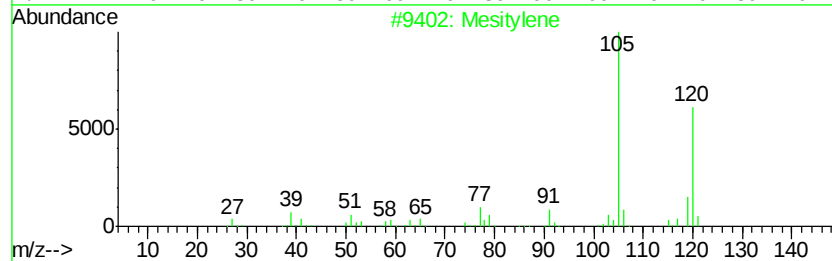
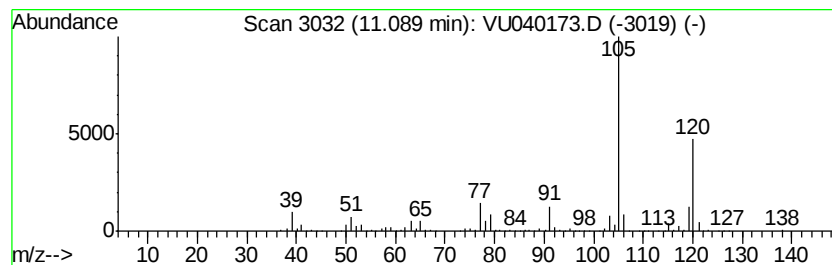
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Mesitylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	9.15 ug/L	1221150	1,4-Dichlorobenzene-d4	11.81

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

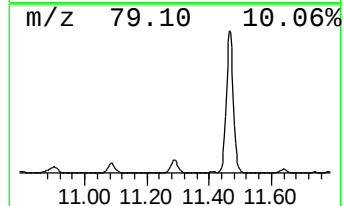
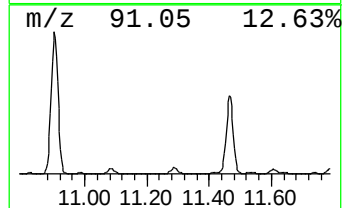
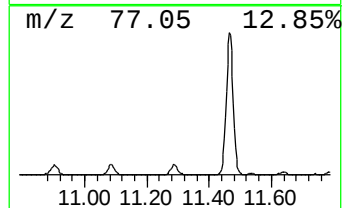
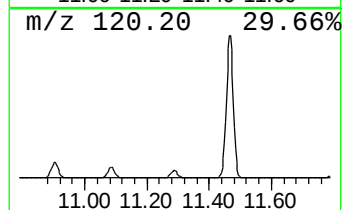
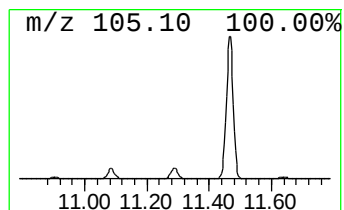
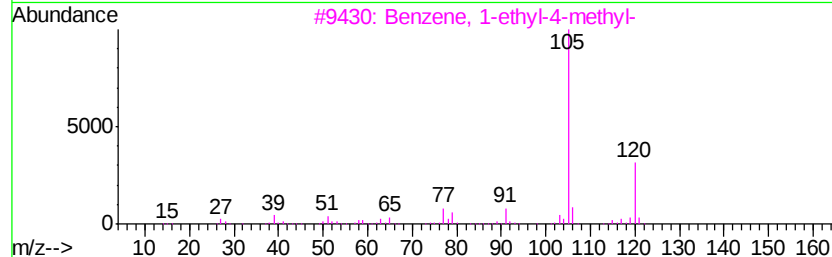
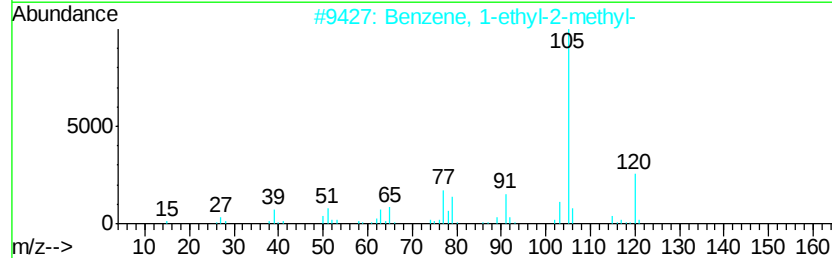
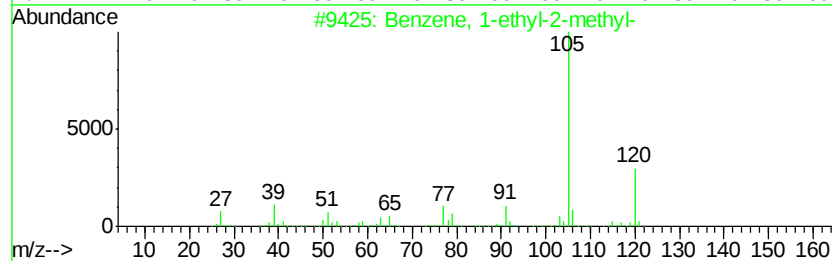
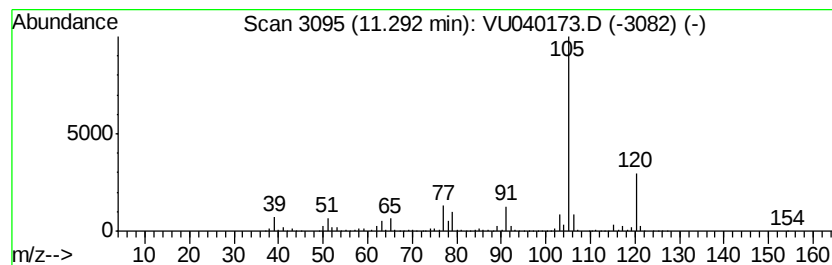
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	10.31 ug/L	1375620	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-2-methyl-	120	C9H12	000611-14-3	93
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

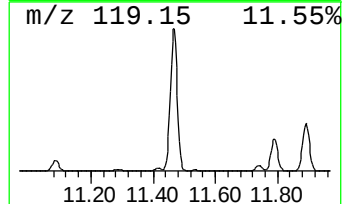
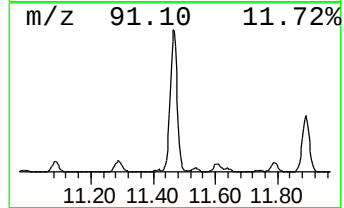
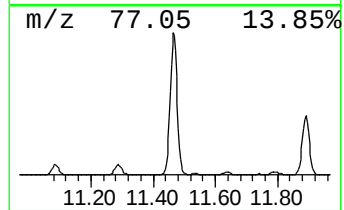
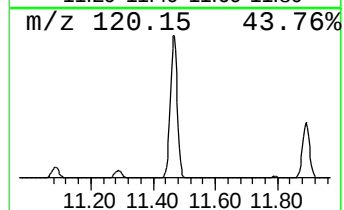
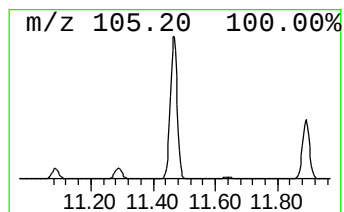
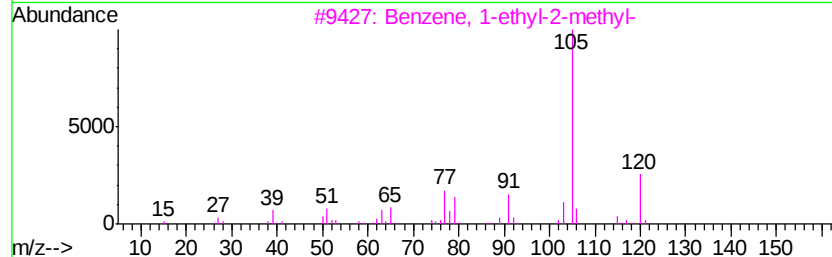
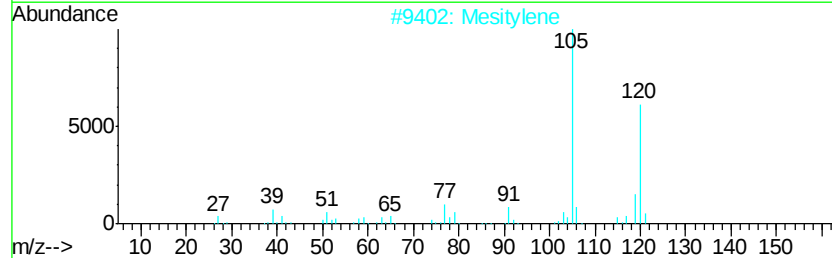
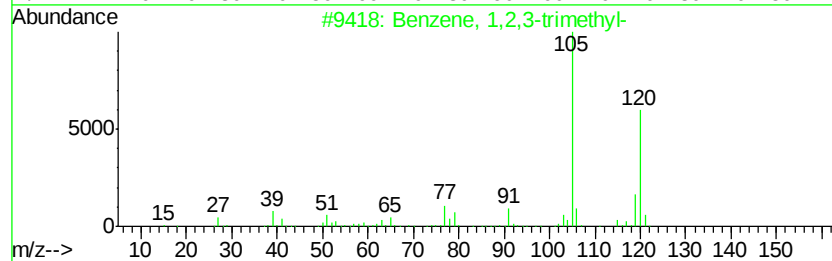
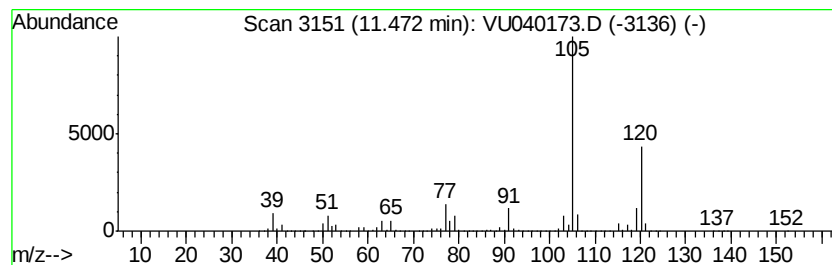
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	129.36 ug/L	17254500	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

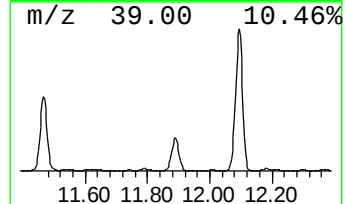
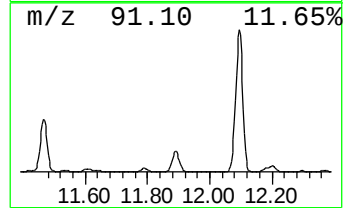
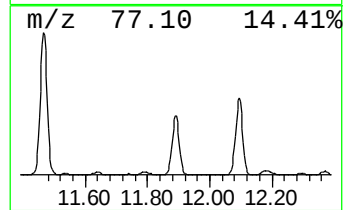
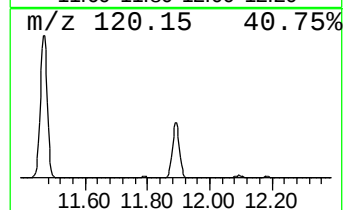
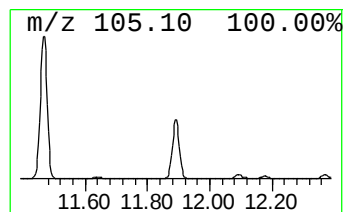
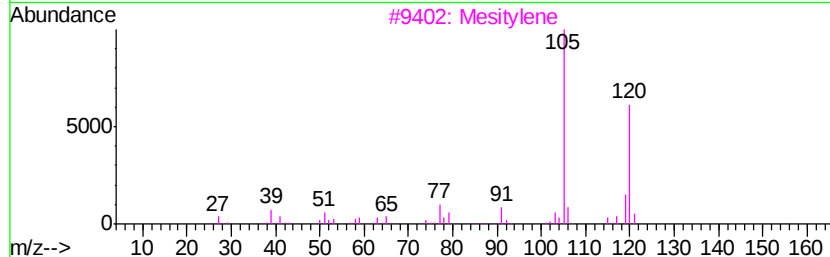
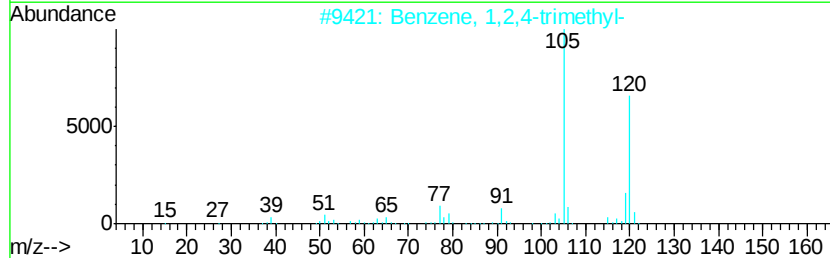
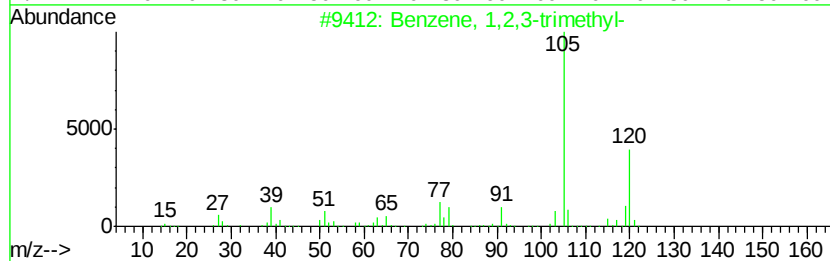
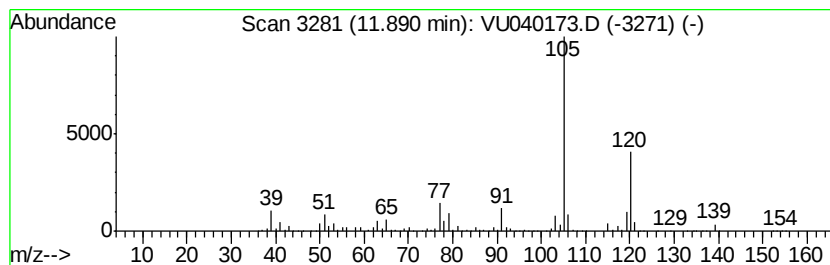
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	59.07 ug/L	7878640	1,4-Dichlorobenzene-d4	11.81

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

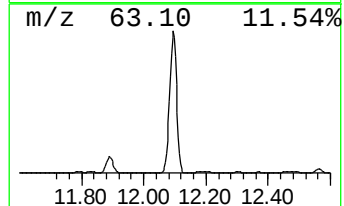
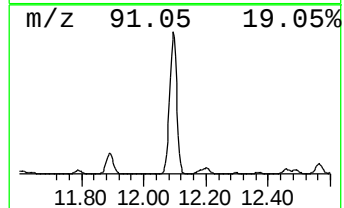
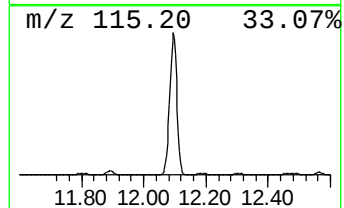
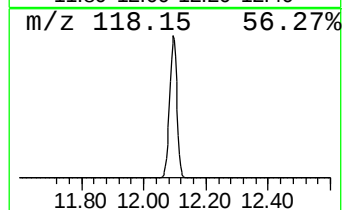
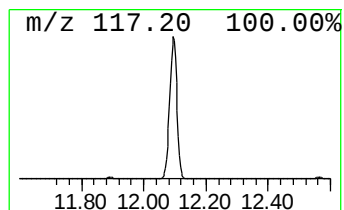
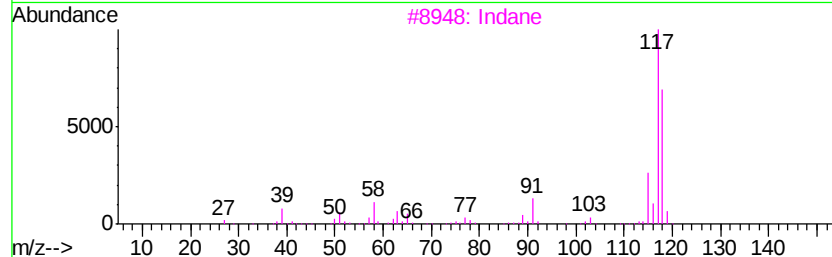
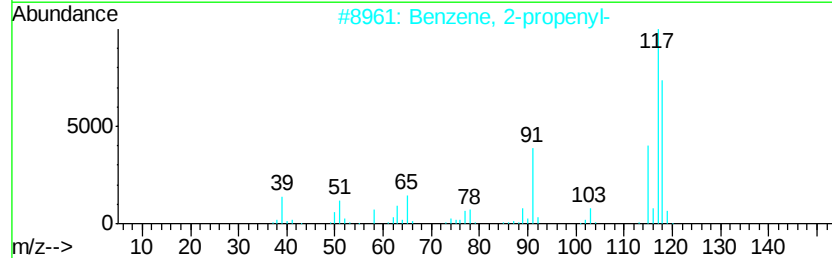
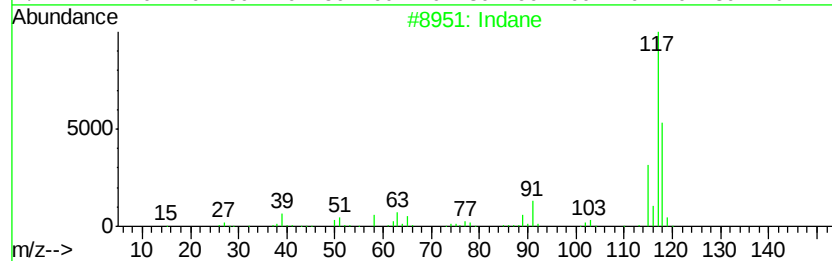
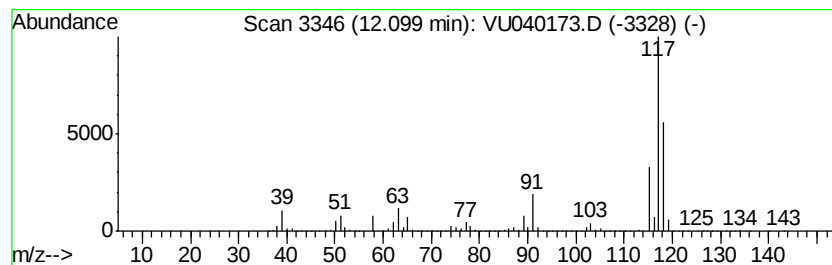
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	258.92 ug/L	34536500	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	91
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3		Indane	118	C9H10	000496-11-7	81
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

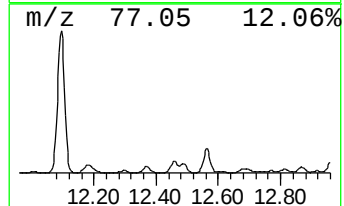
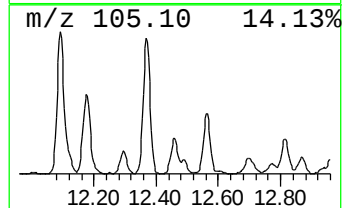
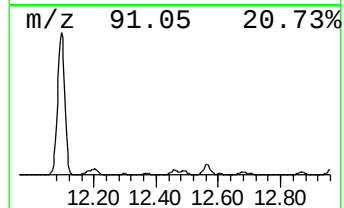
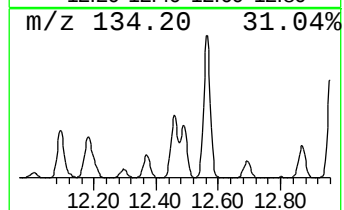
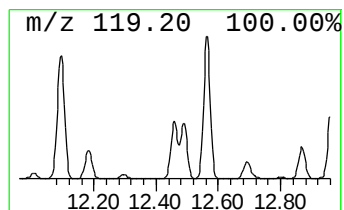
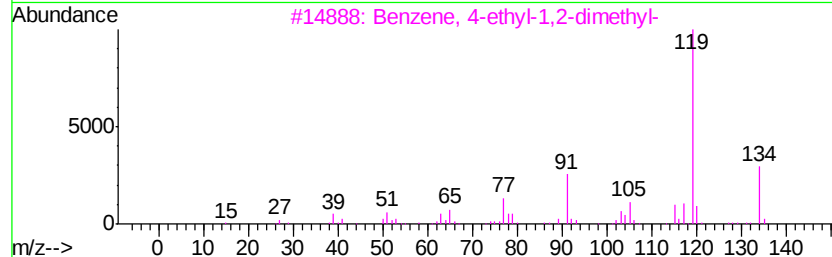
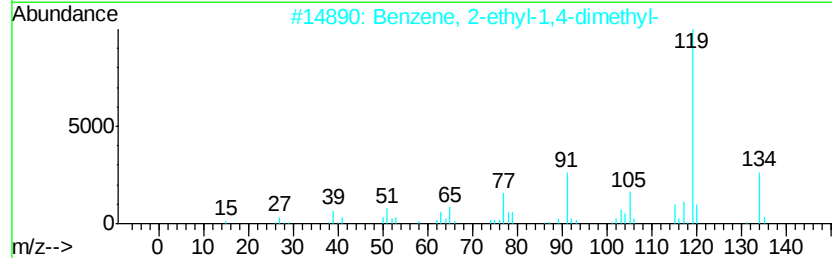
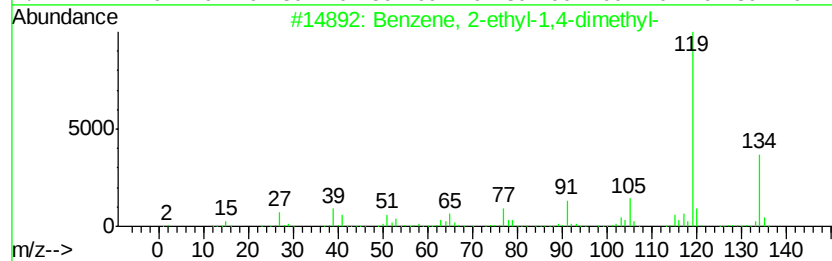
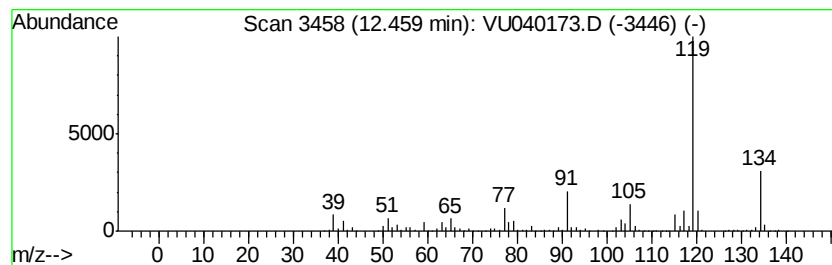
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	7.88 ug/L	1050800	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

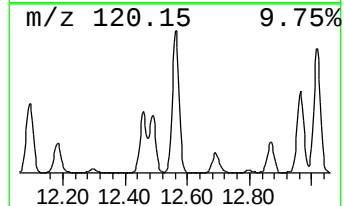
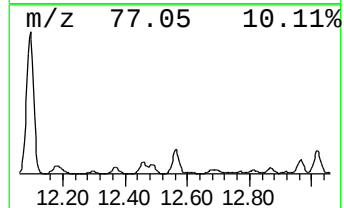
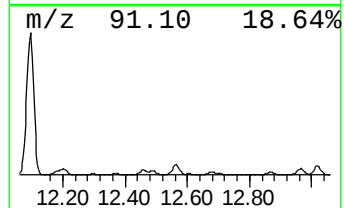
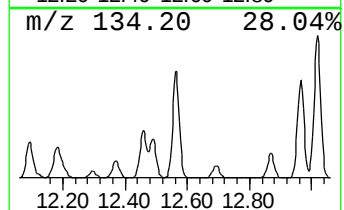
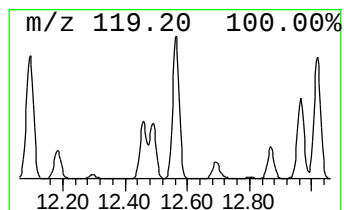
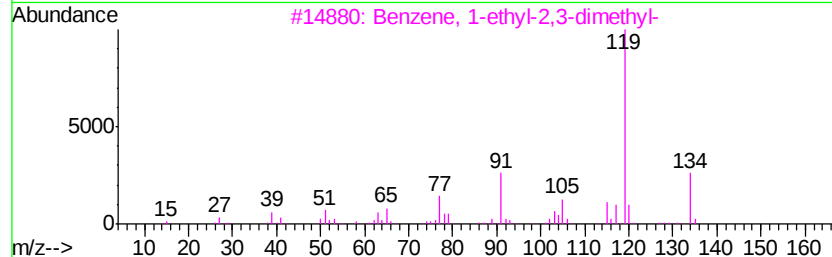
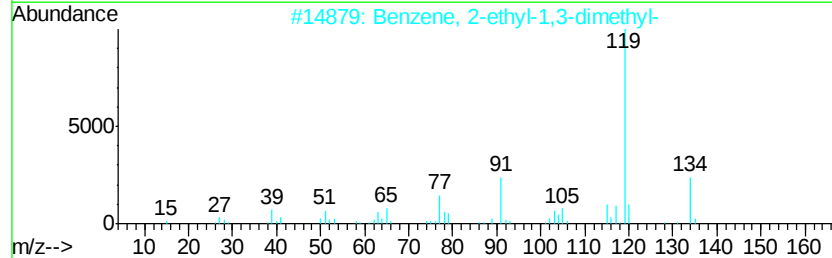
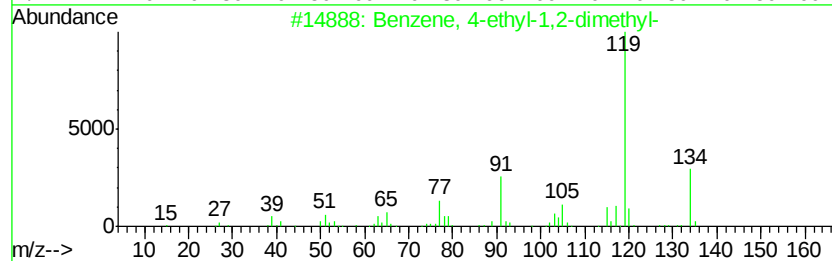
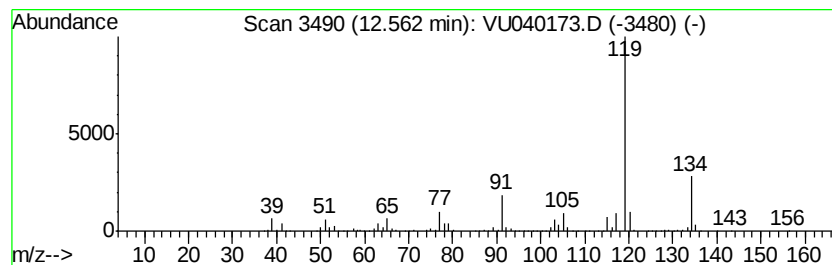
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	15.00 ug/L	2000750	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

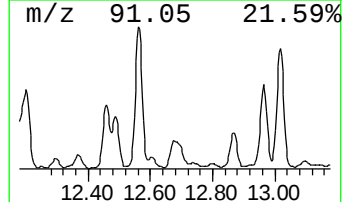
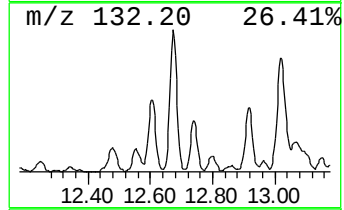
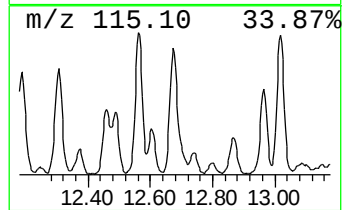
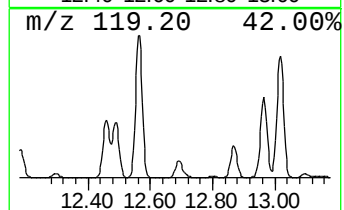
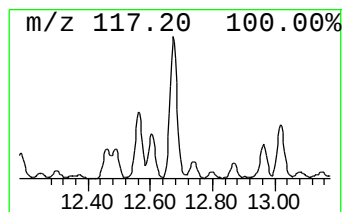
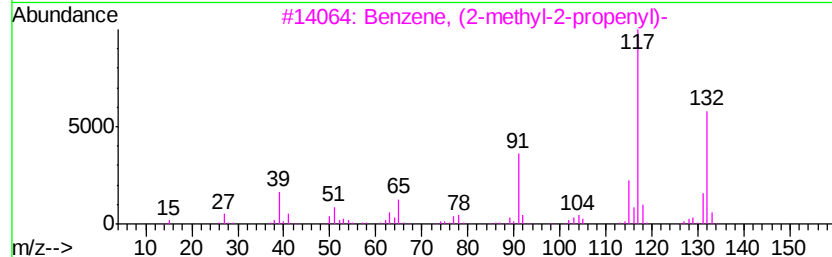
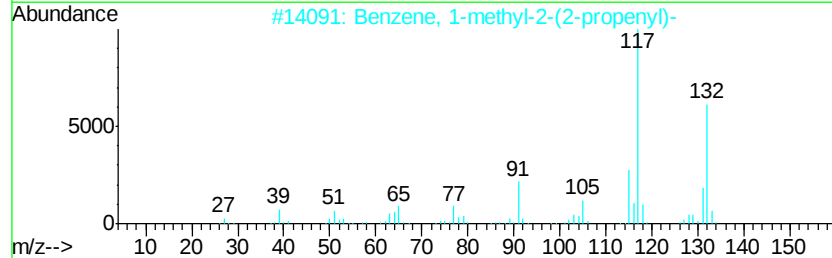
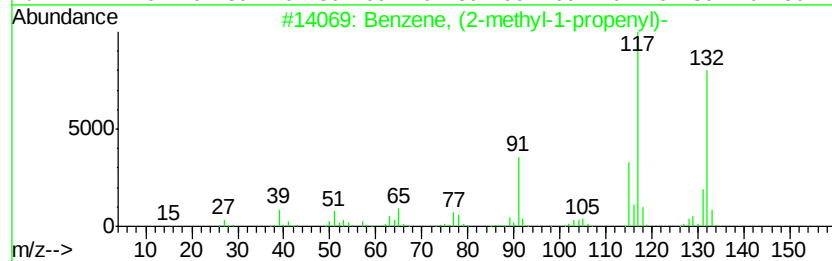
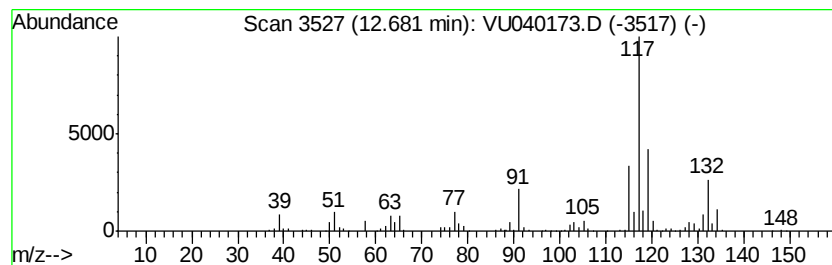
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Benzene, (2-methyl-1-propen... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	4.95 ug/L	660262	1,4-Dichlorobenzene-d4	11.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
4		Indan, 1-methyl-	132	C10H12	000767-58-8	76
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

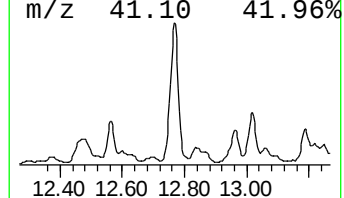
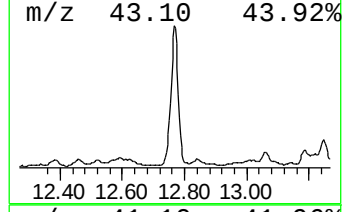
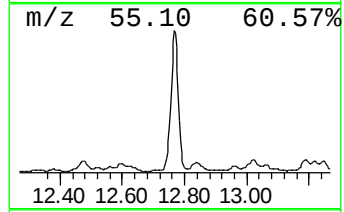
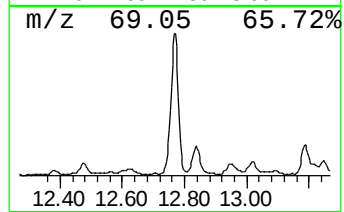
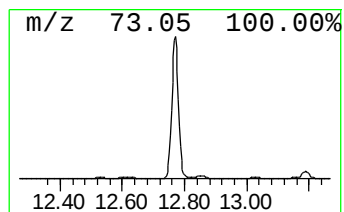
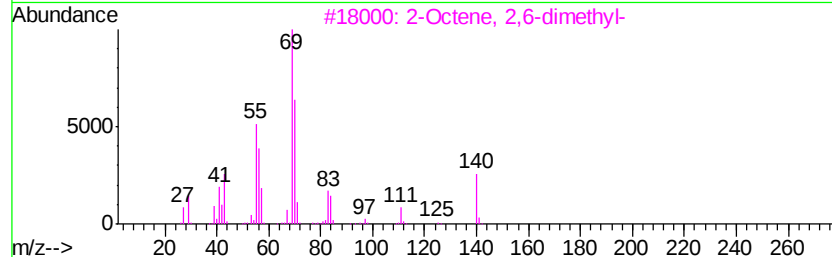
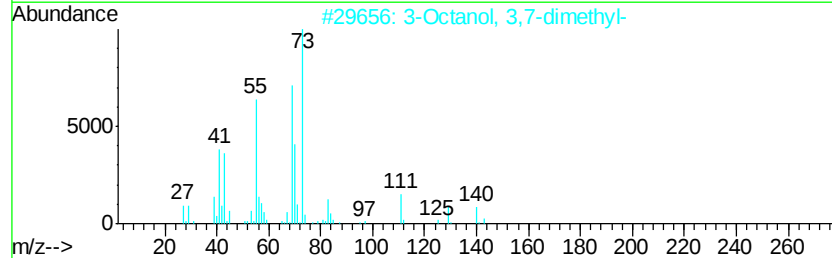
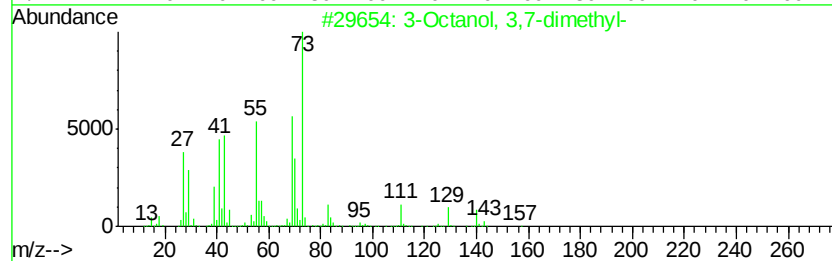
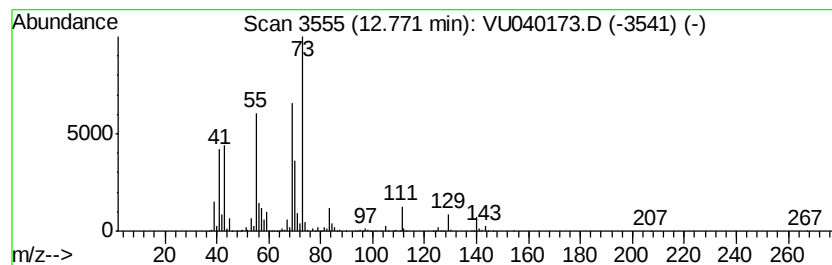
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 3-Octanol, 3,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	11.93 ug/L	1591760	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	83
2		3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	80
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
4		3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	38
5		3-Octene, 4-ethyl-	140	C10H20	053966-51-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

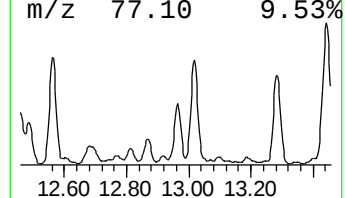
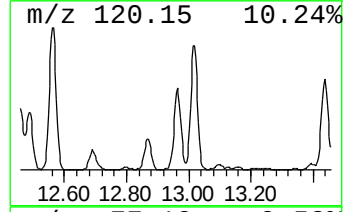
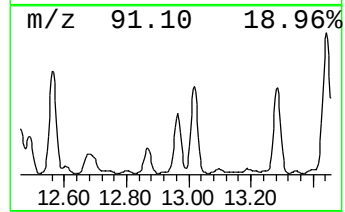
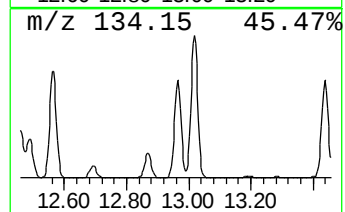
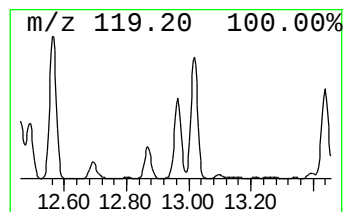
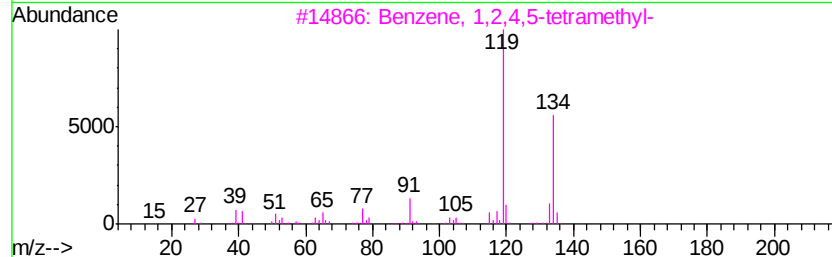
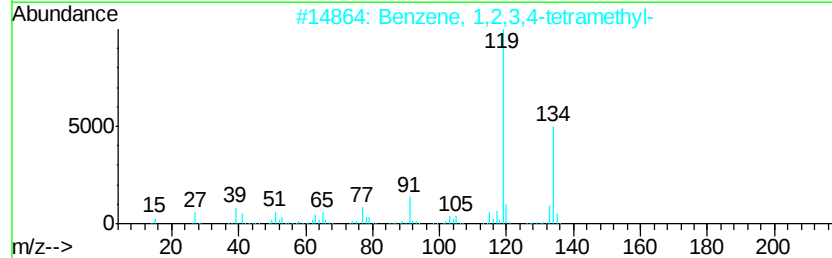
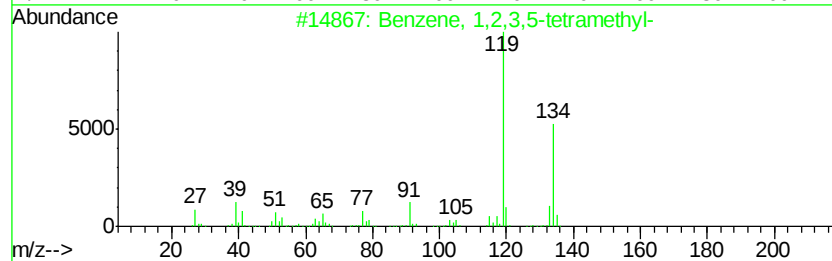
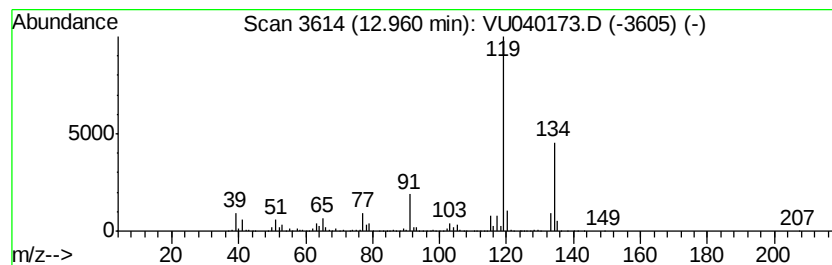
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	8.89 ug/L	1186320	1,4-Dichlorobenzene-d4	11.81

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

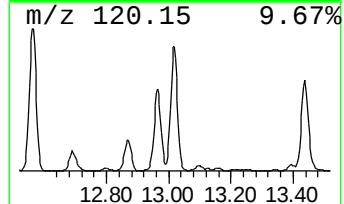
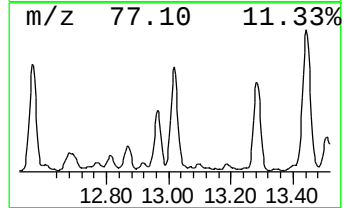
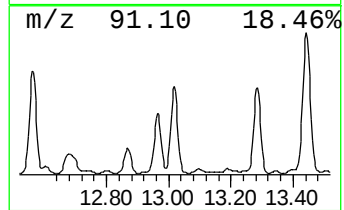
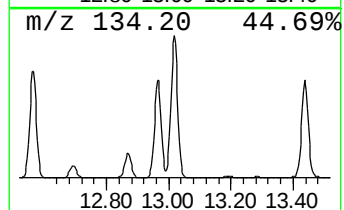
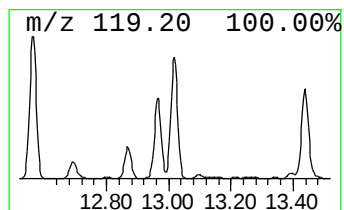
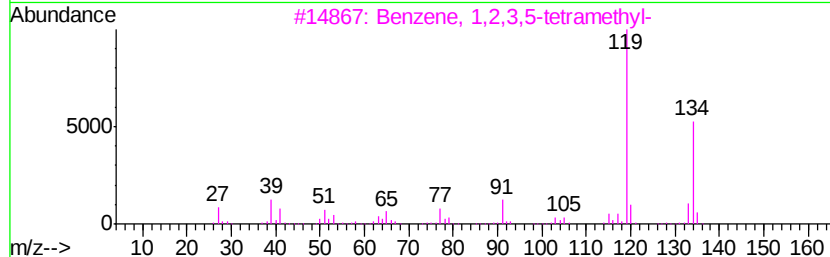
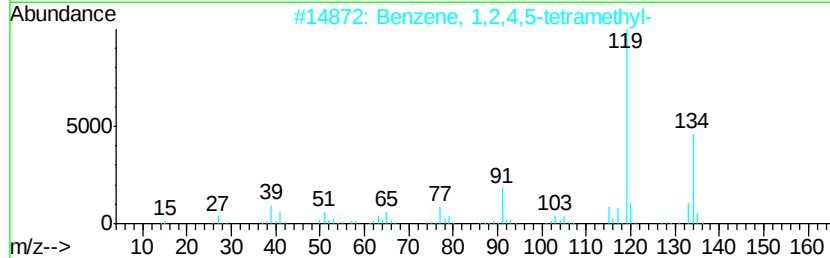
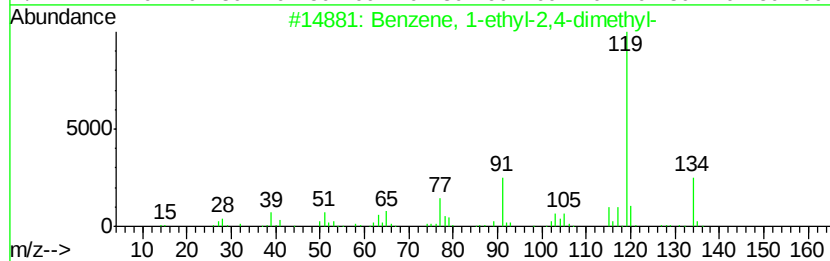
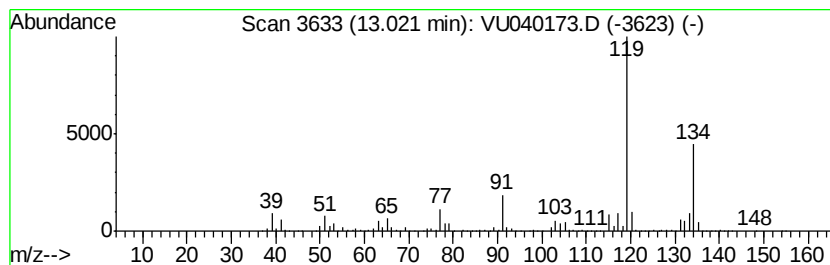
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	14.49 ug/L	1933270	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

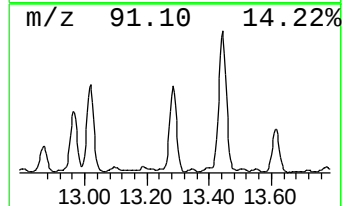
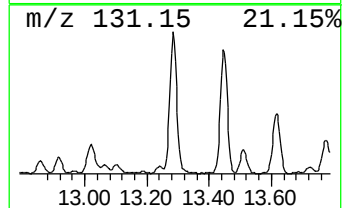
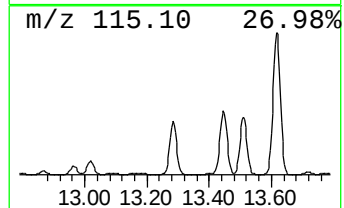
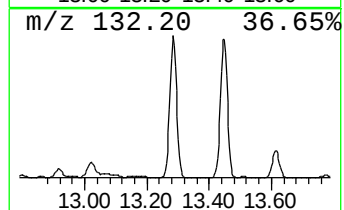
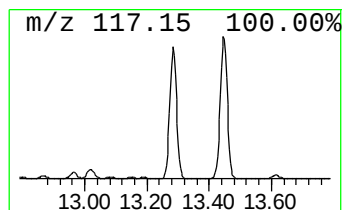
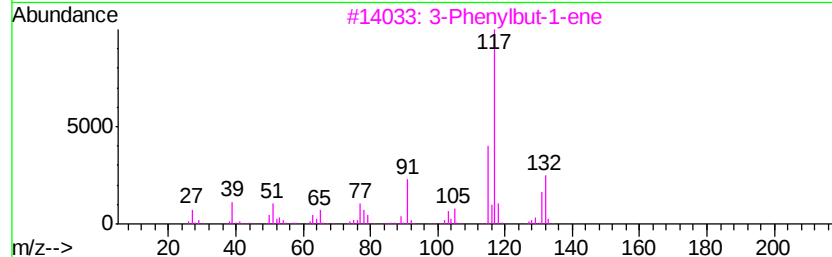
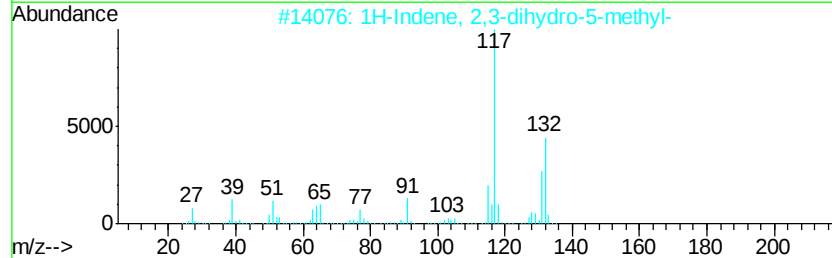
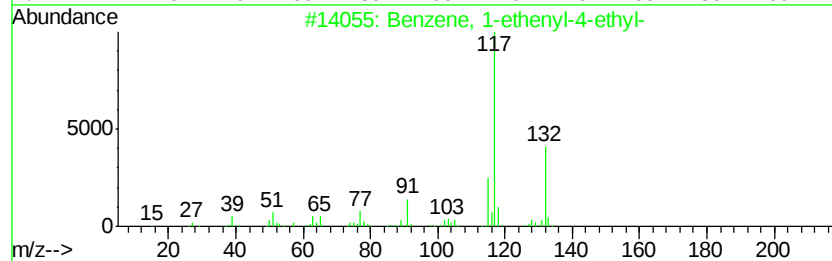
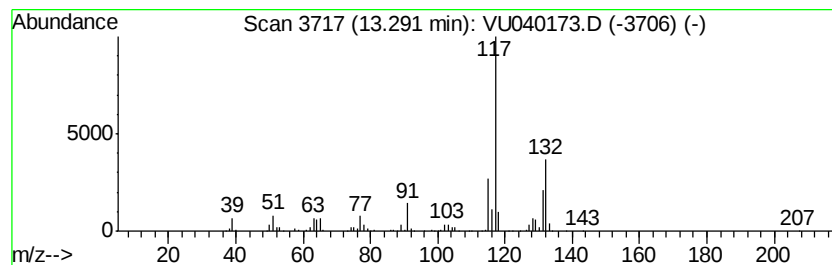
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	19.89 ug/L	2653330	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

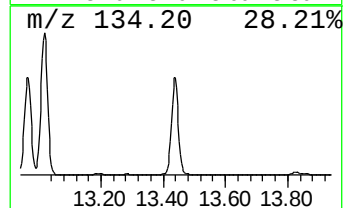
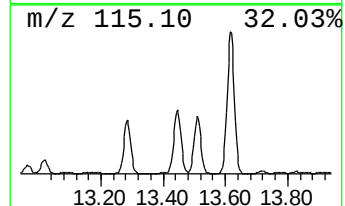
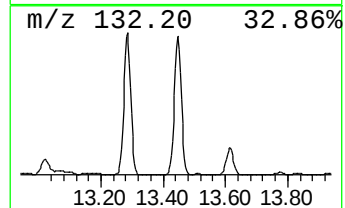
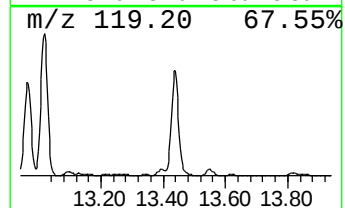
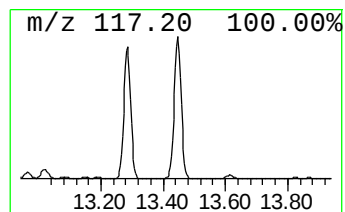
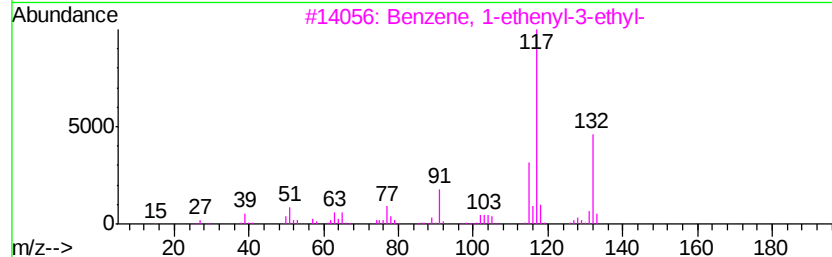
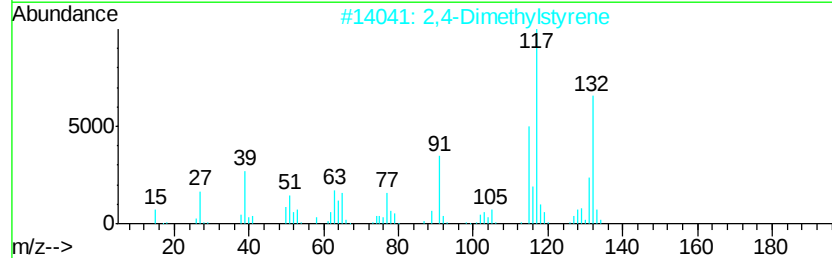
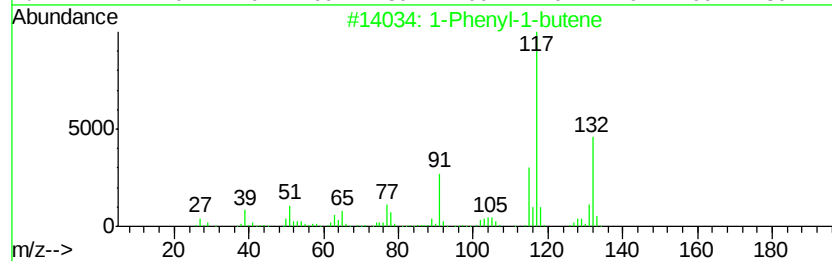
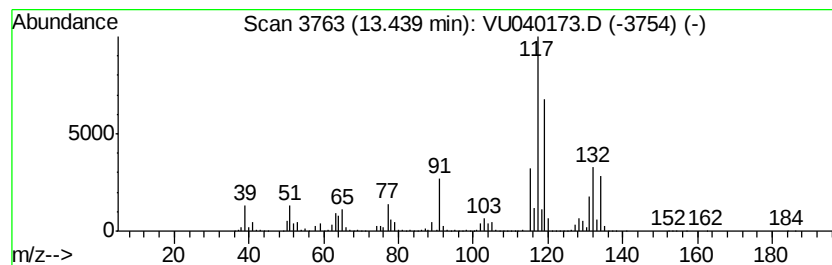
Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 14 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	30.39 ug/L	4053380	1,4-Dichlorobenzene-d4	11.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Phenyl-1-butene	132 C10H12	000824-90-8	96
2	2,4-Dimethylstyrene	132 C10H12	002234-20-0	95
3	Benzene, 1-ethenyl-3-ethyl-	132 C10H12	007525-62-4	92
4	Benzene, 2-butenyl-	132 C10H12	001560-06-1	91
5	Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

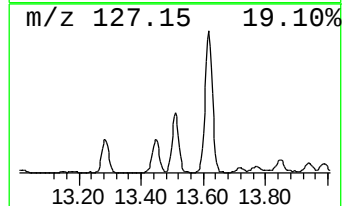
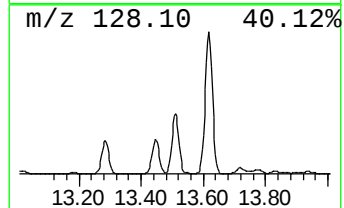
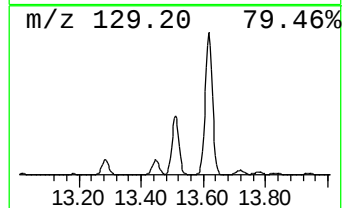
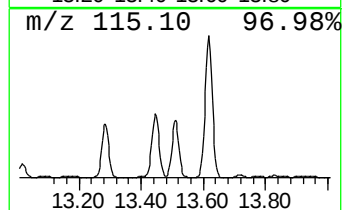
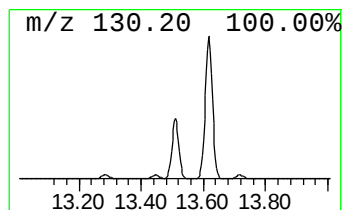
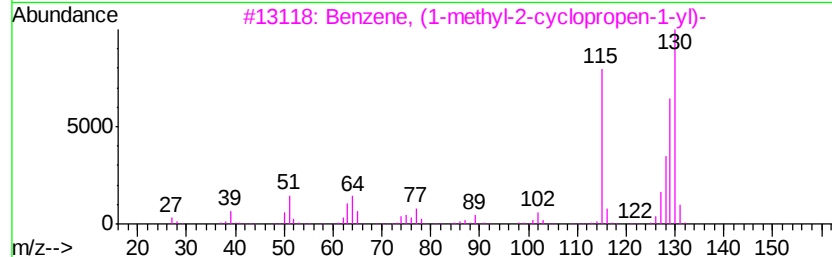
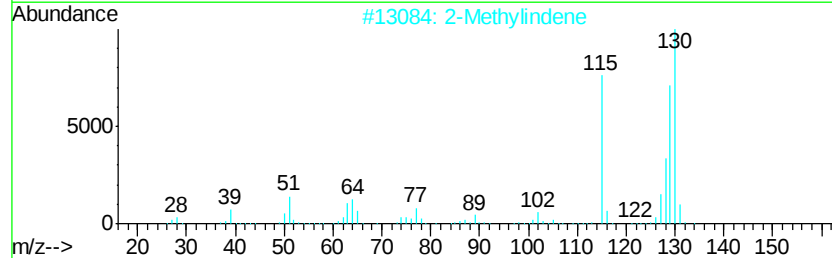
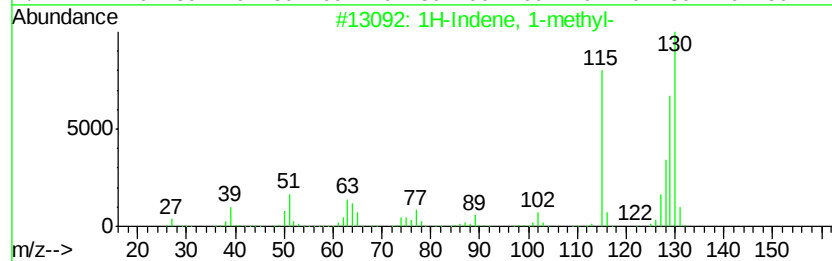
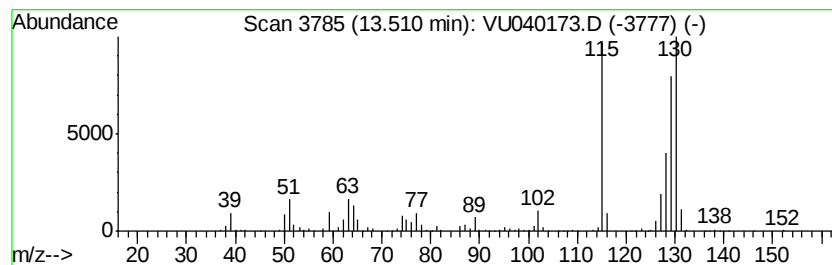
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 15 1H-Indene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	9.23 ug/L	1231140	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		2-Methylindene	130	C10H10	002177-47-1	96
3		Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	96
4		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5		Benzene, 1-butylnyl-	130	C10H10	000622-76-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

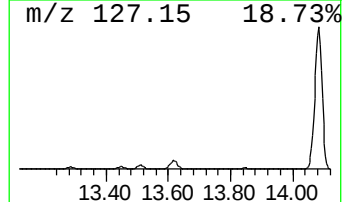
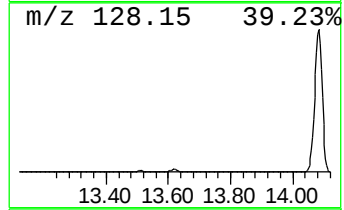
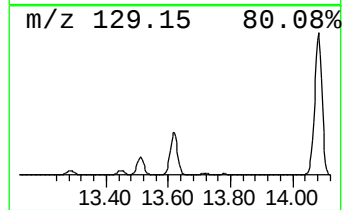
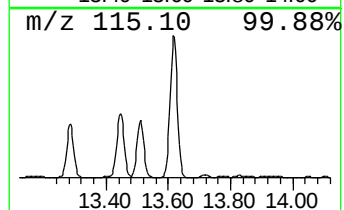
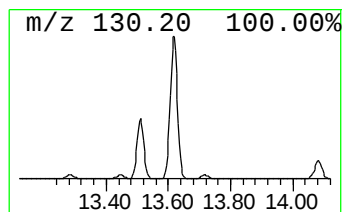
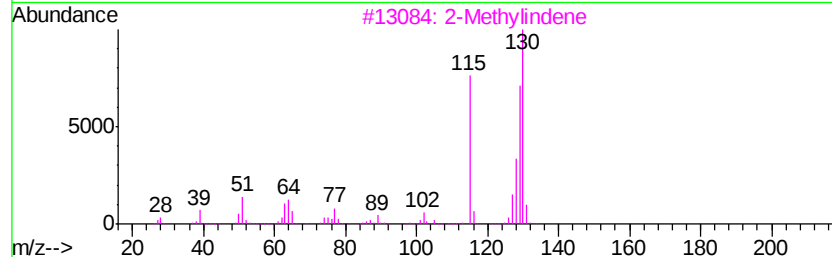
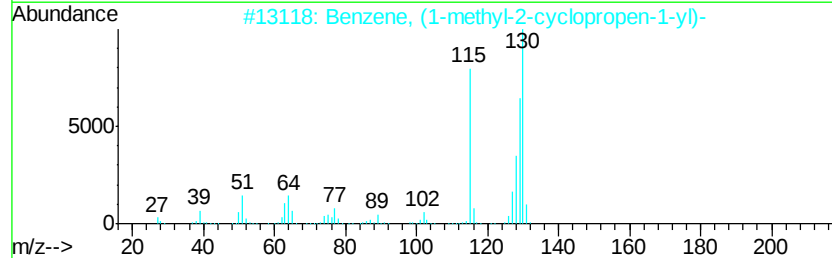
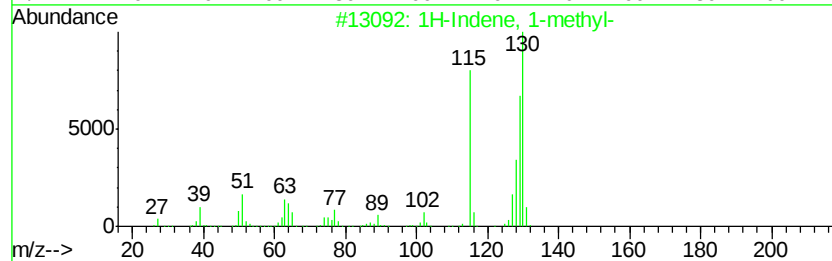
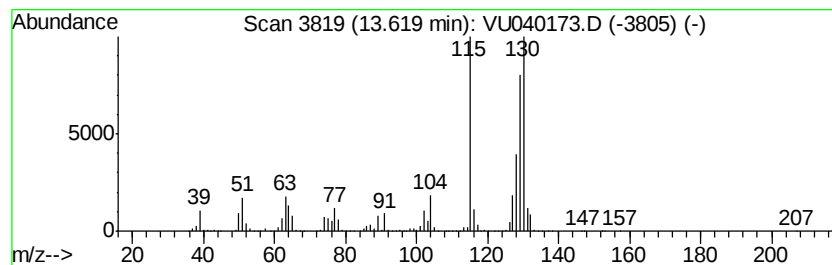
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 16 Benzene, (1-methyl-2-cyclop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	27.51 ug/L	3669910	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3		2-Methylindene	130	C10H10	002177-47-1	96
4		2-Methylindene	130	C10H10	002177-47-1	95
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

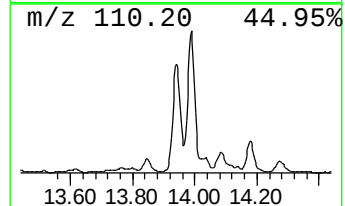
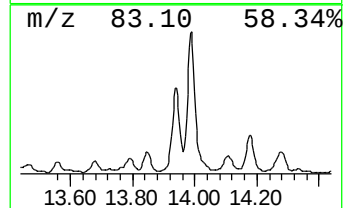
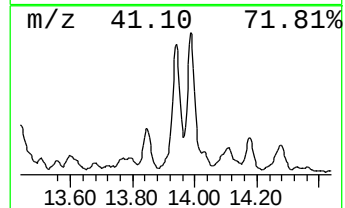
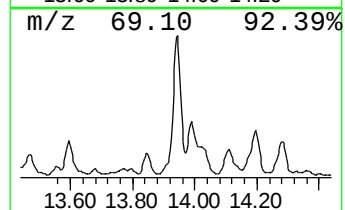
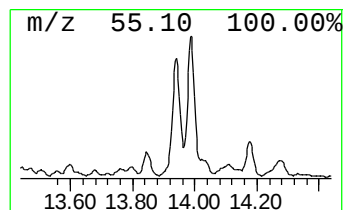
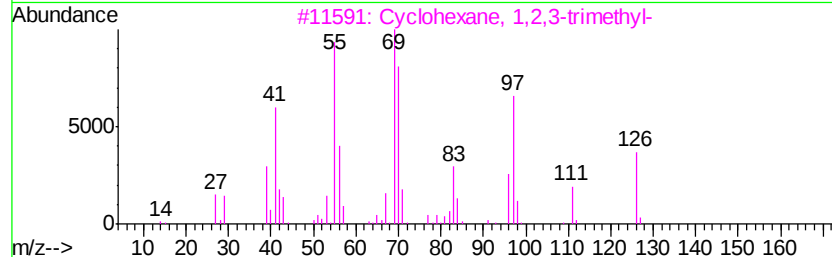
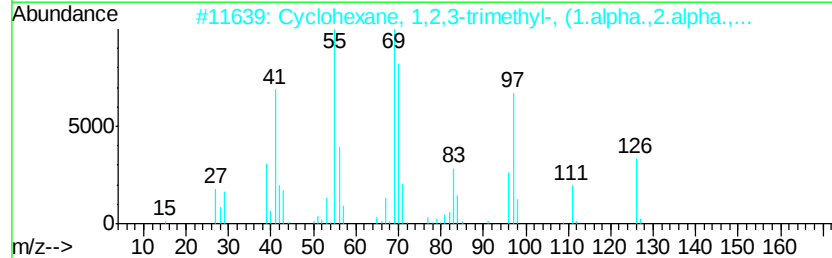
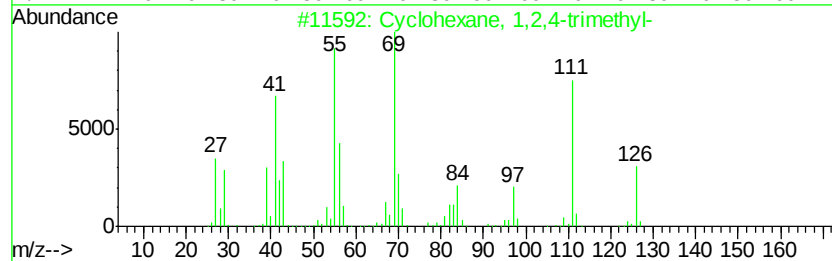
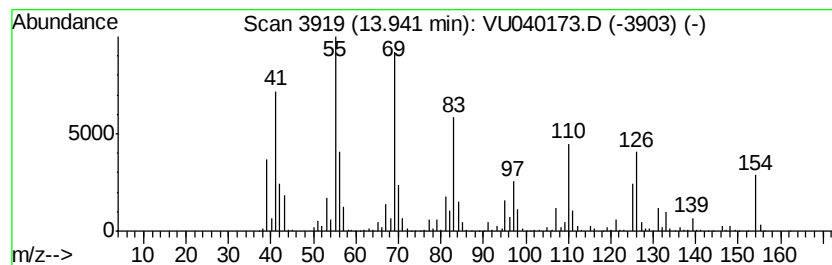
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic13.94 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	10.90 ug/L	1454320	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	60
2		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	55
3		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	55
4		Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	49
5		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

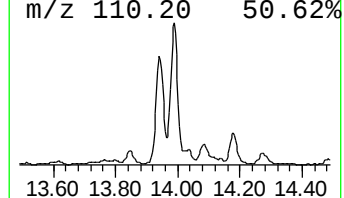
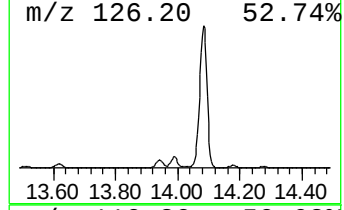
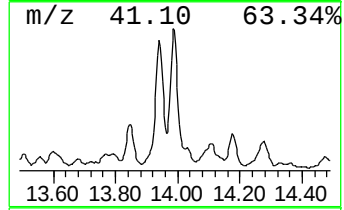
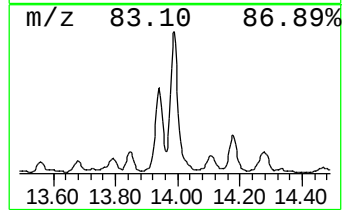
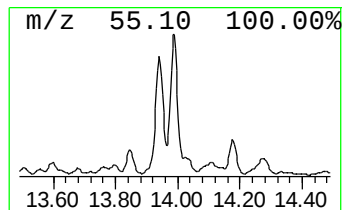
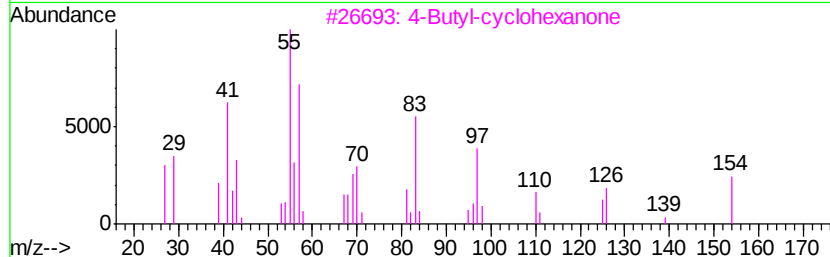
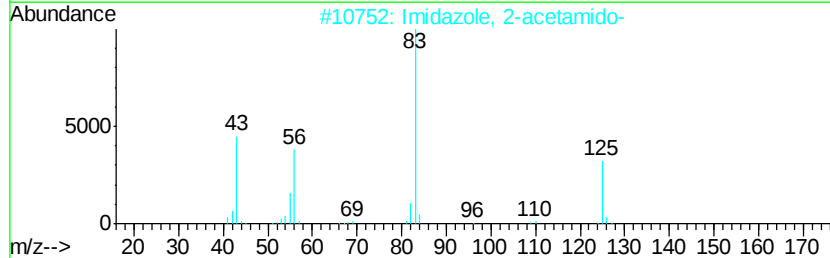
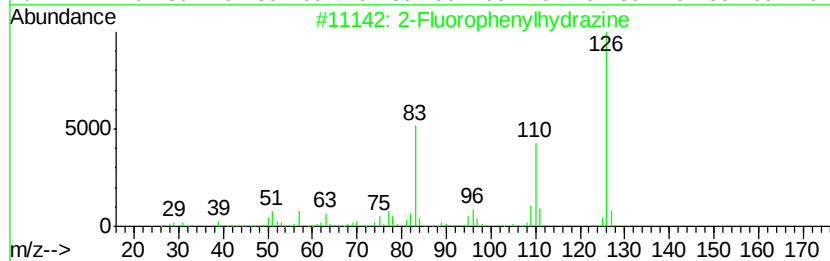
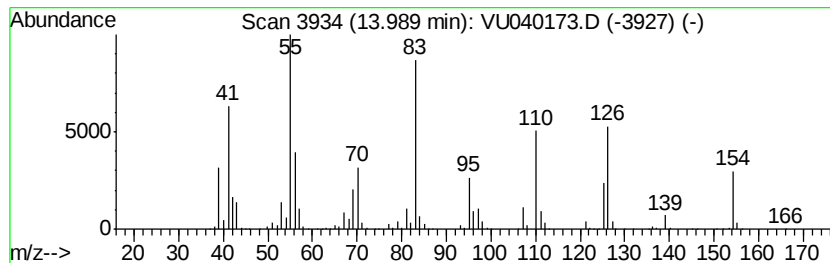
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 18 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	7.55 ug/L	1006920	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Fluorophenylhydrazine	126	C6H7FN2	002368-80-1	47
2			Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	38
3			4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	38
4			Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	38
5			Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

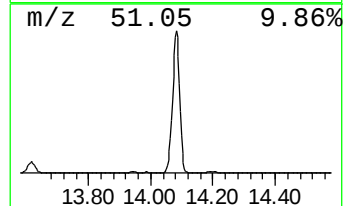
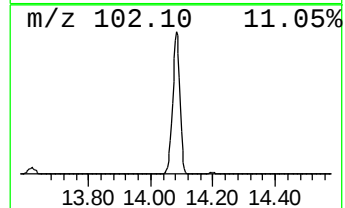
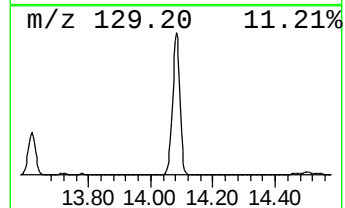
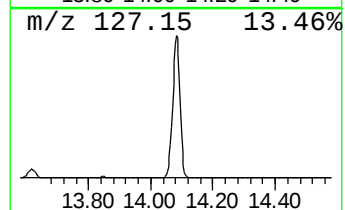
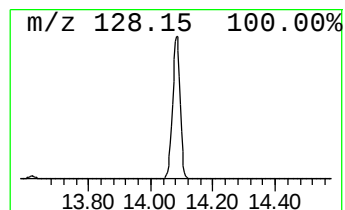
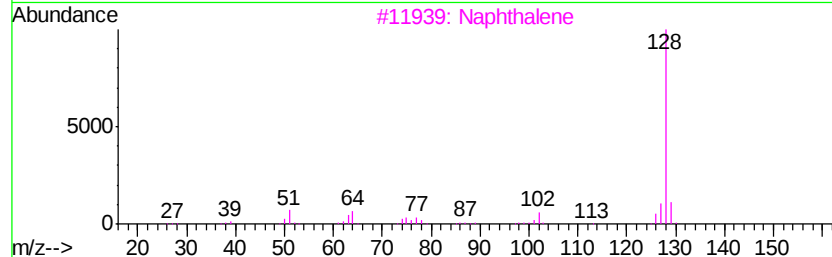
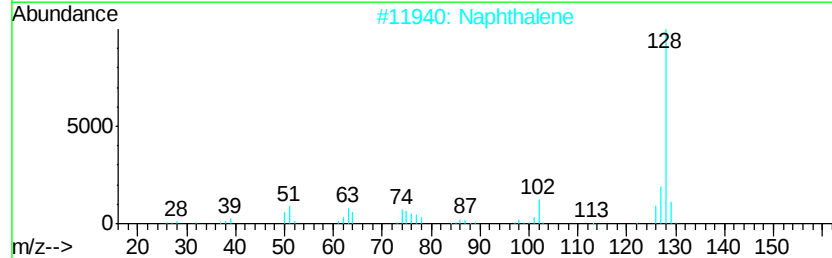
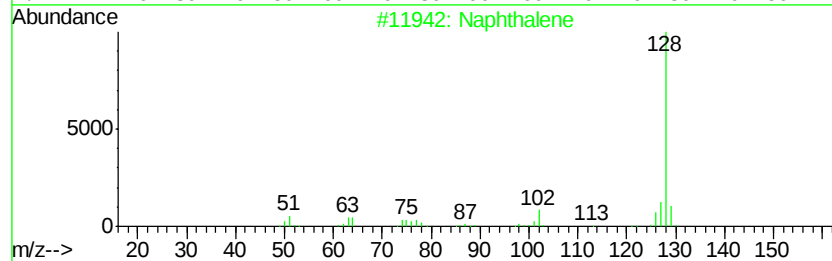
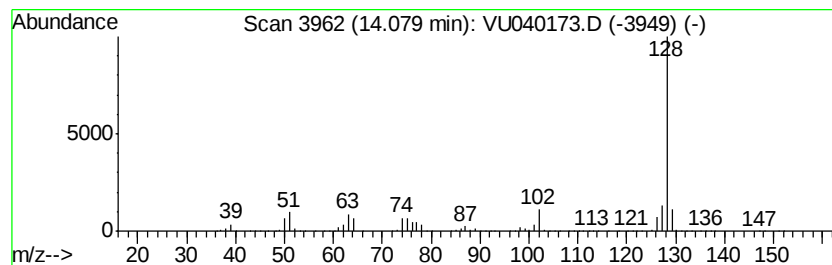
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 19 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	246.27 ug/L	32849900	1,4-Dichlorobenzene-d4	11.81

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

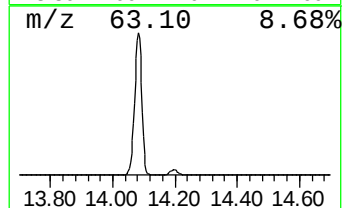
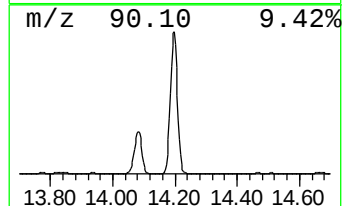
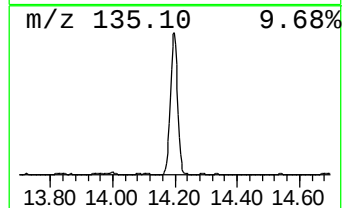
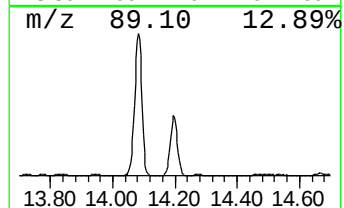
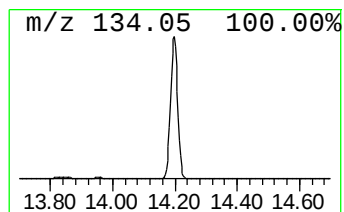
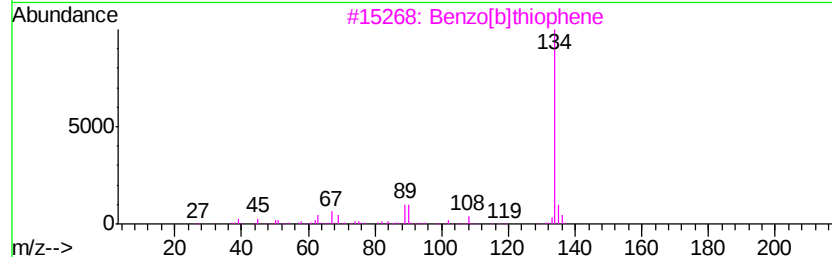
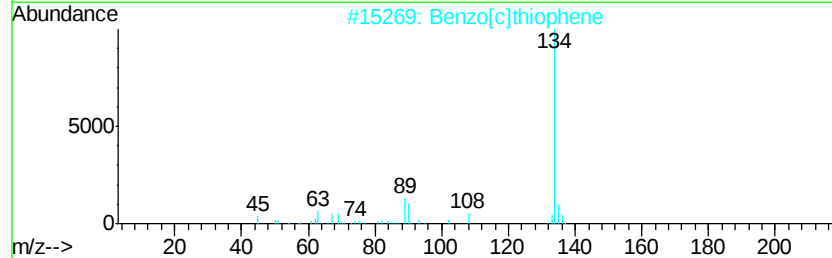
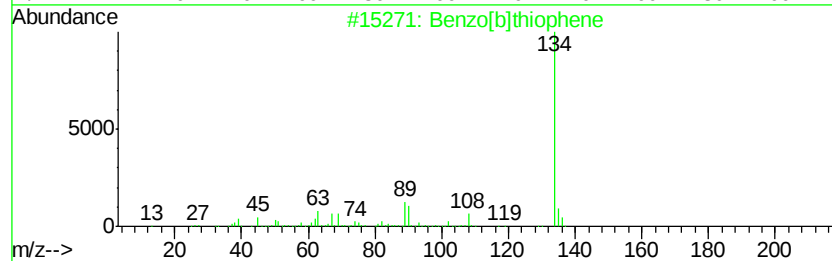
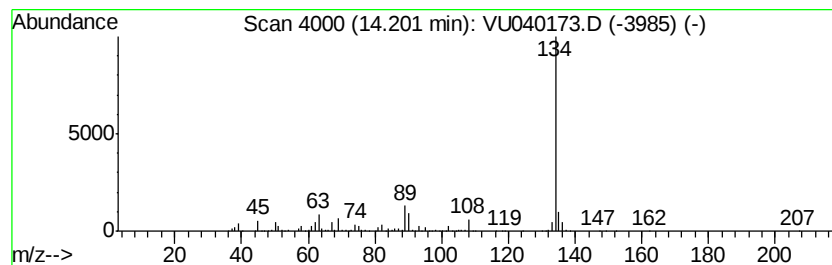
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 20 Benzo[b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	10.63 ug/L	1417840	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2		Benzo[c]thiophene	134	C8H6S	000270-82-6	95
3		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

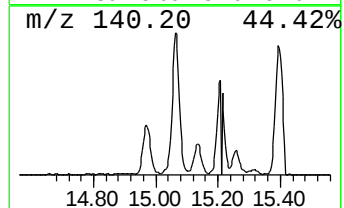
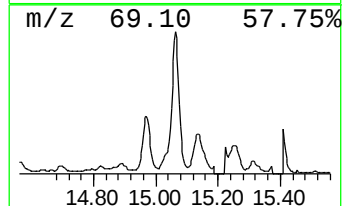
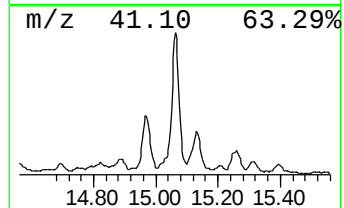
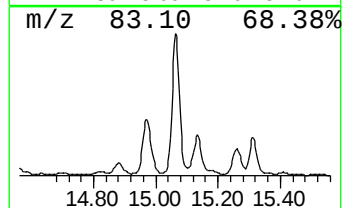
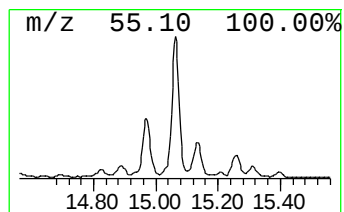
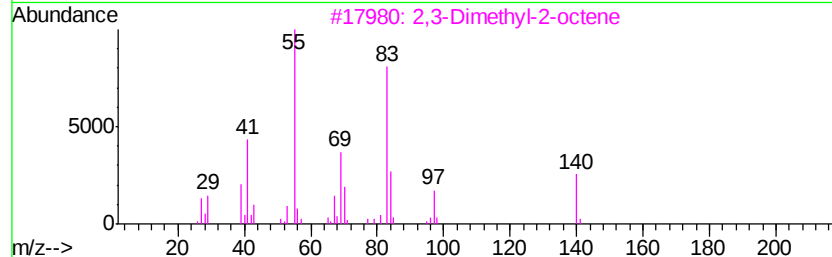
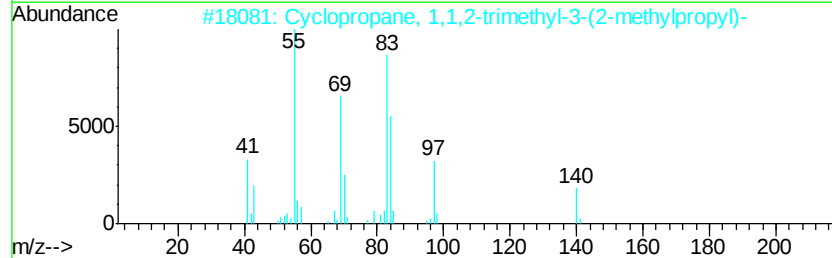
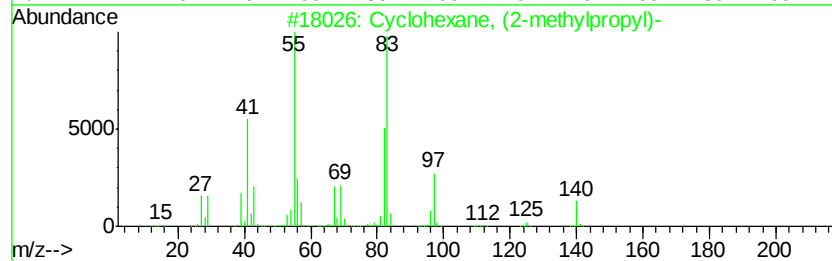
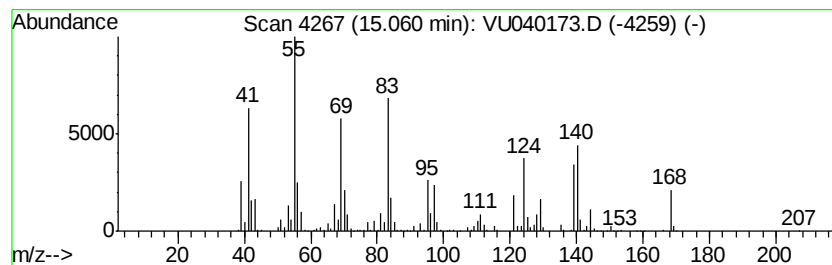
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic15.06 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	6.22 ug/L	829814	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	42
2			Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	41
3			2,3-Dimethyl-2-octene	140	C10H20	019781-18-1	41
4			2-Ethoxy-2-cyclohexen-1-one	140	C8H12O2	029941-82-0	27
5			2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

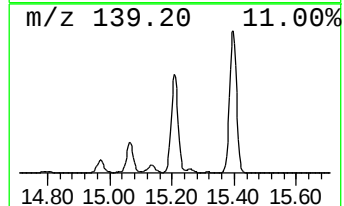
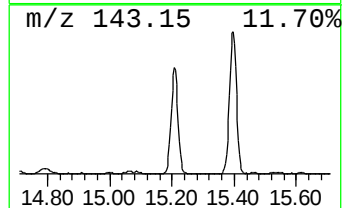
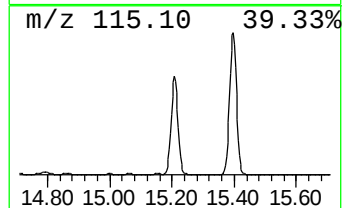
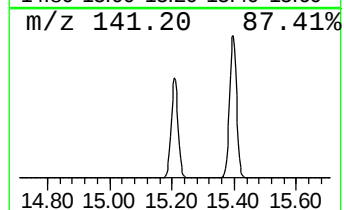
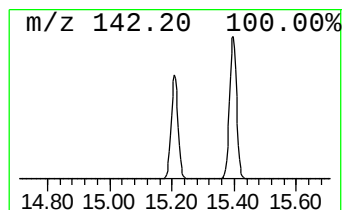
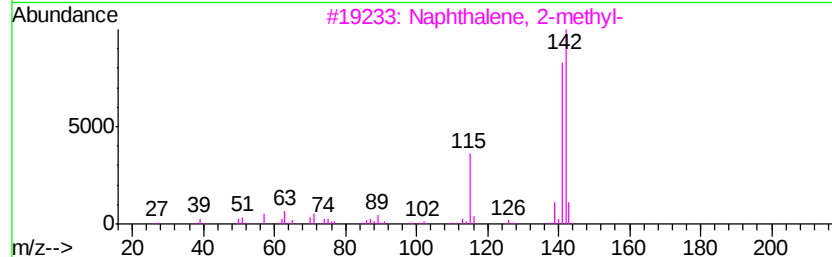
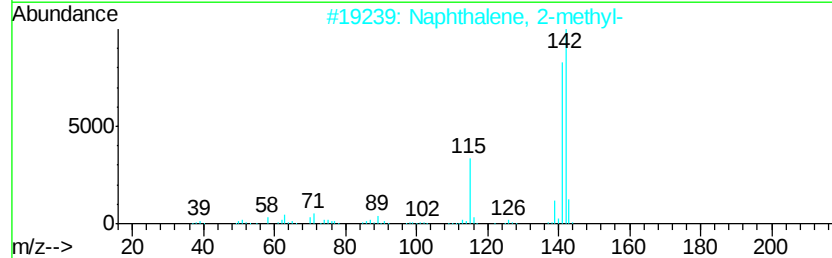
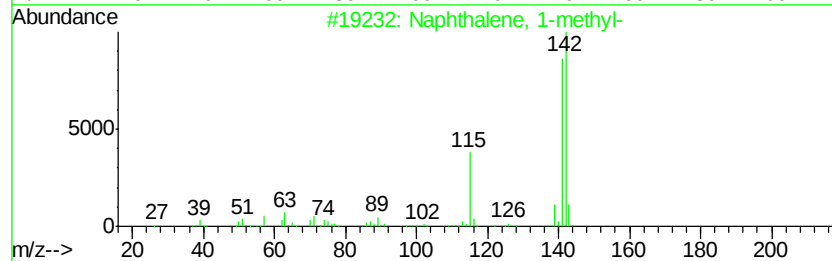
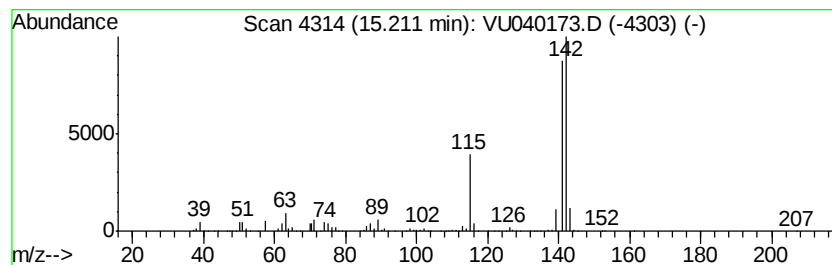
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	27.94 ug/L	3726840	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091620\
Data File : VU040173.D
Acq On : 17 Sep 2020 01:48
Operator : SY/MD
Sample : L4046-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0Q0

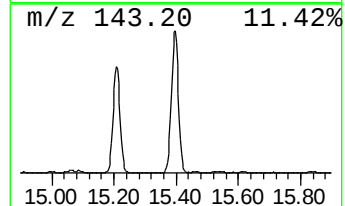
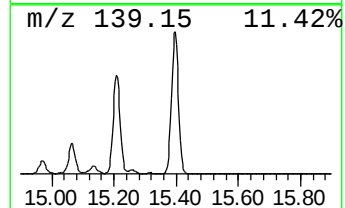
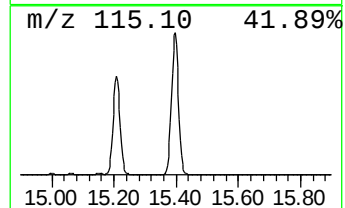
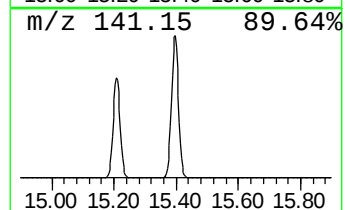
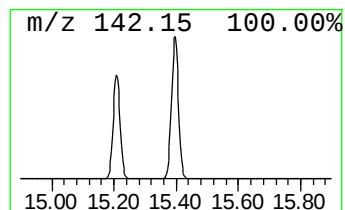
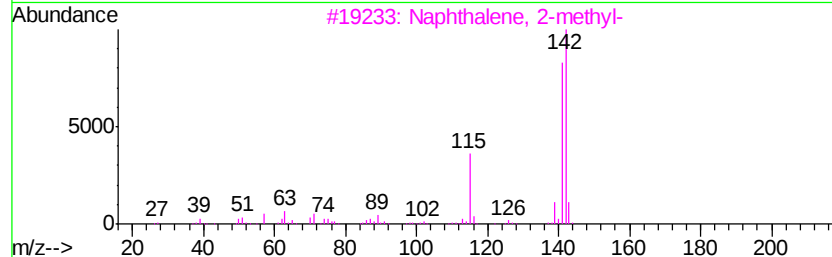
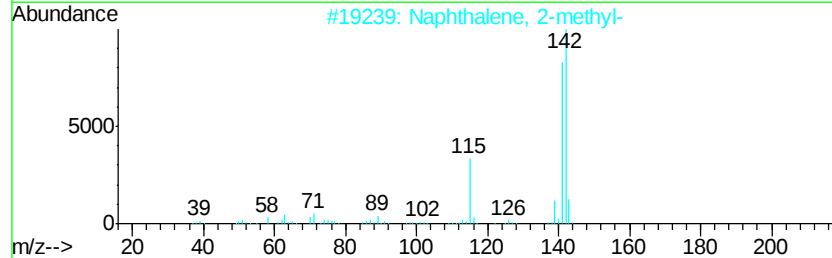
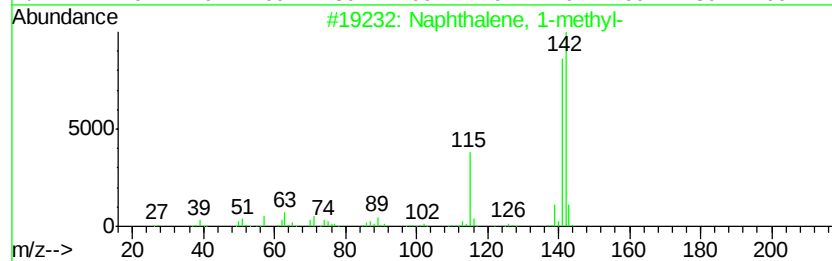
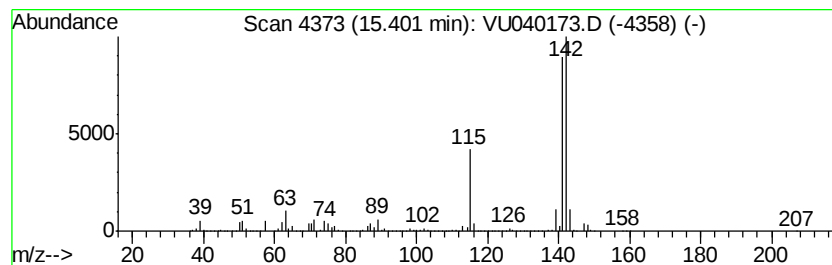
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 23 1,4-Methanonaphthalene, 1,4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	43.16 ug/L	5756820	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091620\
 Data File : VU040173.D
 Acq On : 17 Sep 2020 01:48
 Operator : SY/MD
 Sample : L4046-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.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
Benzene, propyl-	10.90	26.4	ug/L	3525560	3	11.81	666939	5.0
Mesitylene	11.09	9.2	ug/L	1221150	3	11.81	666939	5.0
Benzene, 1-ethyl-...	11.29	10.3	ug/L	1375620	3	11.81	666939	5.0
Benzene, 1,2,3-tr...	11.47	129.4	ug/L	17254500	3	11.81	666939	5.0
Benzene, 1,2,4-tr...	11.89	59.1	ug/L	7878640	3	11.81	666939	5.0
Indane	12.10	258.9	ug/L	34536500	3	11.81	666939	5.0
Benzene, 2-ethyl-...	12.46	7.9	ug/L	1050800	3	11.81	666939	5.0
Benzene, 4-ethyl-...	12.56	15.0	ug/L	2000750	3	11.81	666939	5.0
Benzene, (2-methy...	12.68	5.0	ug/L	660262	3	11.81	666939	5.0
3-Octanol, 3,7-di...	12.77	11.9	ug/L	1591760	3	11.81	666939	5.0
Benzene, 1,2,3,5-...	12.96	8.9	ug/L	1186320	3	11.81	666939	5.0
Benzene, 1-ethyl-...	13.02	14.5	ug/L	1933270	3	11.81	666939	5.0
Benzene, 1-etheny...	13.29	19.9	ug/L	2653330	3	11.81	666939	5.0
1-Phenyl-1-butene	13.44	30.4	ug/L	4053380	3	11.81	666939	5.0
1H-Indene, 1-methyl-	13.51	9.2	ug/L	1231140	3	11.81	666939	5.0
Benzene, (1-methy...	13.62	27.5	ug/L	3669910	3	11.81	666939	5.0
(DEL) Alkane: Cyc...	13.94	10.9	ug/L	1454320	3	11.81	666939	5.0
unknown-01	13.99	7.5	ug/L	1006920	3	11.81	666939	5.0
Azulene	14.08	246.3	ug/L	32849900	3	11.81	666939	5.0
Benzo[b]thiophene	14.20	10.6	ug/L	1417840	3	11.81	666939	5.0
(DEL) Alkane: Cyc...	15.06	6.2	ug/L	829814	3	11.81	666939	5.0
Naphthalene, 1-me...	15.21	27.9	ug/L	3726840	3	11.81	666939	5.0
1,4-Methanonaphth...	15.40	43.2	ug/L	5756820	3	11.81	666939	5.0