

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042015.D
 Acq On : 14 Jan 2021 05:28
 Operator : SY/MD
 Sample : M1129-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT62

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\SOMUTR011321WMA.M
 Title : TRACE VOA SOM01.0

Signal : TIC: VU042015.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	73	81	92	rVB	71964	81407	4.09%	0.835%
2	1.919	171	180	198	rVB	64753	83951	4.22%	0.861%
3	2.568	370	382	395	rBV	122280	199702	10.04%	2.048%
4	4.687	1025	1041	1042	rBV2	27735	44472	2.24%	0.456%
5	5.079	1147	1163	1188	rVB2	93496	259244	13.04%	2.659%
6	5.735	1348	1367	1395	rBV2	184670	451178	22.69%	4.627%
7	6.259	1517	1530	1545	rBV	136838	256394	12.89%	2.630%
8	6.549	1596	1620	1644	rBV	1046240	1988668	100.00%	20.395%
9	6.703	1654	1668	1689	rVB	110141	216270	10.88%	2.218%
10	7.115	1778	1796	1807	rBV	32600	61473	3.09%	0.630%
11	7.575	1925	1939	1951	rBV2	52151	91632	4.61%	0.940%
12	7.902	2026	2041	2055	rBV	199994	341457	17.17%	3.502%
13	8.185	2118	2129	2142	rBV2	34131	57371	2.88%	0.588%
14	8.555	2233	2244	2257	rVB2	36690	60661	3.05%	0.622%
15	8.648	2257	2273	2302	rBV	285959	592596	29.80%	6.078%
16	8.809	2308	2323	2338	rVB4	28149	65992	3.32%	0.677%
17	9.420	2500	2513	2532	rBV	193043	319485	16.07%	3.277%
18	9.774	2608	2623	2639	rBV2	17358	34631	1.74%	0.355%
19	10.758	2916	2929	2942	rVB	90126	146831	7.38%	1.506%
20	11.809	3243	3256	3270	rVB	181283	286089	14.39%	2.934%
21	12.188	3361	3374	3389	rVB	211401	352178	17.71%	3.612%
22	12.369	3419	3430	3439	rBV2	17622	27007	1.36%	0.277%
23	12.459	3447	3458	3462	rBV	37658	56472	2.84%	0.579%
24	12.488	3462	3467	3479	rVB	50619	71543	3.60%	0.734%
25	12.565	3479	3491	3501	rBV	126022	191389	9.62%	1.963%
26	12.697	3515	3532	3547	rBV7	26186	69840	3.51%	0.716%
27	12.873	3573	3587	3598	rBV2	107802	182662	9.19%	1.873%
28	12.963	3598	3615	3623	rBV	245591	375176	18.87%	3.848%
29	13.018	3623	3632	3645	rVB	265021	409455	20.59%	4.199%
30	13.095	3645	3656	3661	rBV	24955	38944	1.96%	0.399%
31	13.127	3661	3666	3670	rVV2	21742	28517	1.43%	0.292%
32	13.156	3670	3675	3682	rVB	28909	38596	1.94%	0.396%
33	13.282	3698	3714	3724	rVB3	73839	138835	6.98%	1.424%
34	13.340	3724	3732	3740	rBV3	21607	30451	1.53%	0.312%
35	13.397	3740	3750	3754	rVV3	47113	79209	3.98%	0.812%
36	13.439	3754	3763	3788	rVV4	254964	538273	27.07%	5.520%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042015.D
 Acq On : 14 Jan 2021 05:28
 Operator : SY/MD
 Sample : M1129-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT62

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\SOMUTR011321WMA.M
 Title : TRACE VOA SOM01.0

37	13.549	3788	3797	3811	rVV	62961	106226	5.34%	1.089%
38	13.716	3841	3849	3861	rBV4	15439	26721	1.34%	0.274%
39	13.822	3871	3882	3887	rBV2	108142	172131	8.66%	1.765%
40	13.950	3911	3922	3934	rVB2	49599	81570	4.10%	0.837%
41	14.076	3948	3961	3982	rVB	432784	713598	35.88%	7.318%
42	14.285	4007	4026	4035	rBV4	21688	42958	2.16%	0.441%
43	14.471	4079	4084	4093	rVB2	15494	22094	1.11%	0.227%
44	14.655	4130	4141	4154	rBV4	12733	24670	1.24%	0.253%
45	14.796	4173	4185	4195	rBV	32825	53047	2.67%	0.544%
46	15.208	4300	4313	4324	rBV	99986	157006	7.90%	1.610%
47	15.394	4359	4371	4383	rBV3	50589	82547	4.15%	0.847%

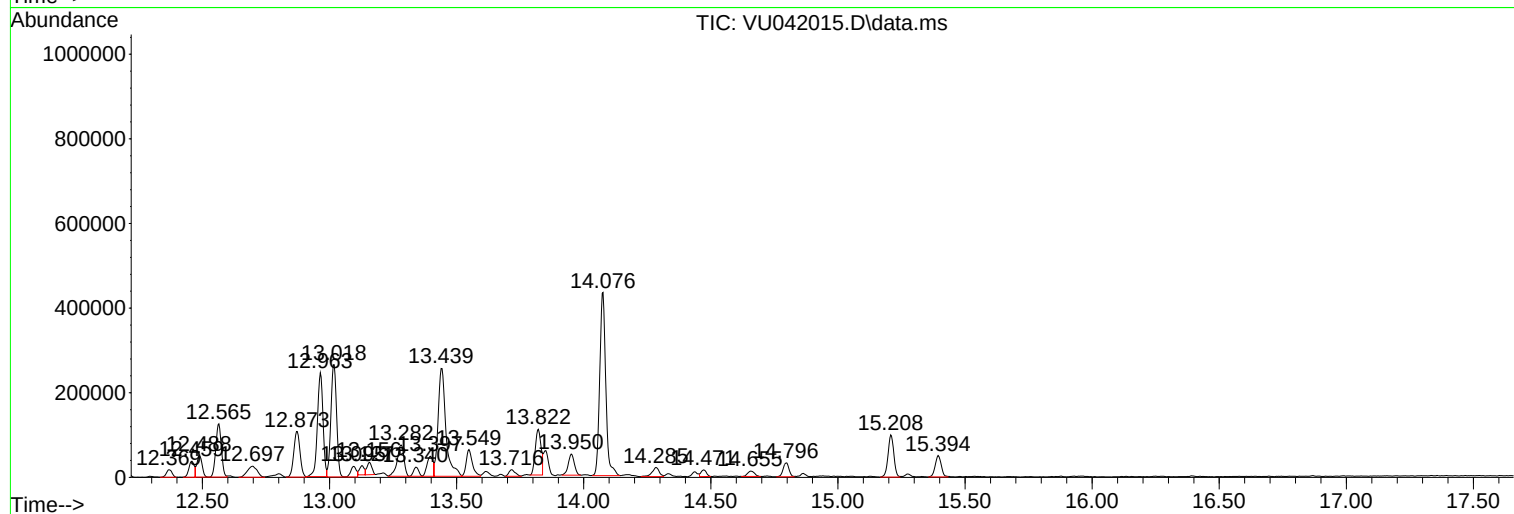
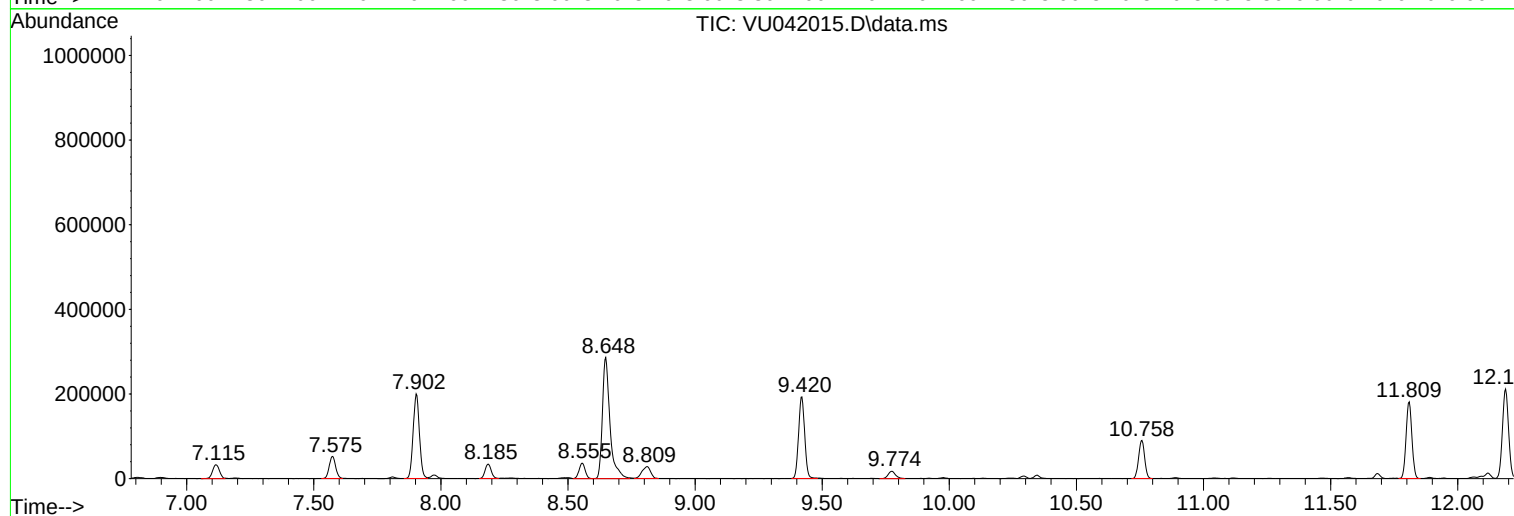
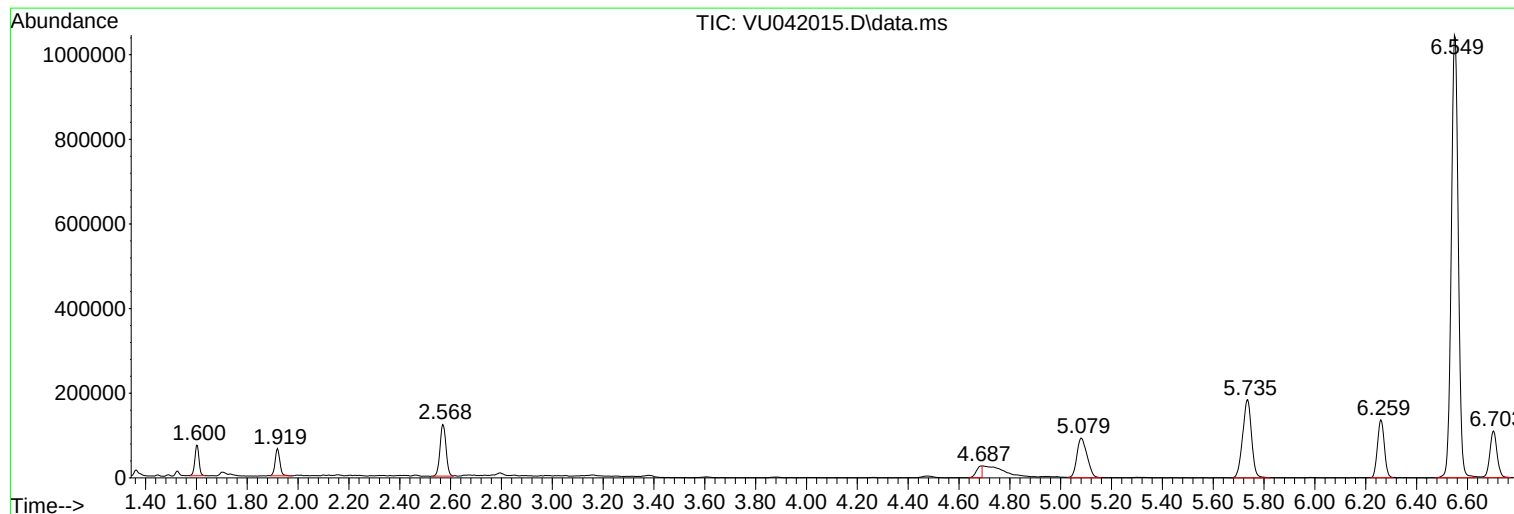
Sum of corrected areas: 9750619

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

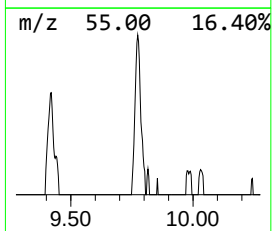
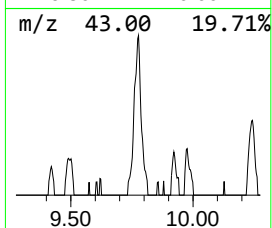
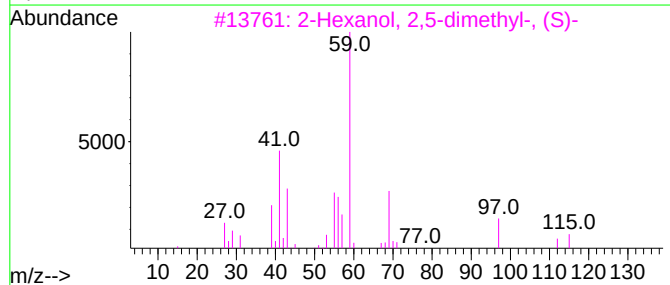
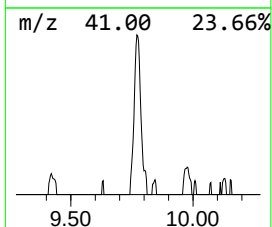
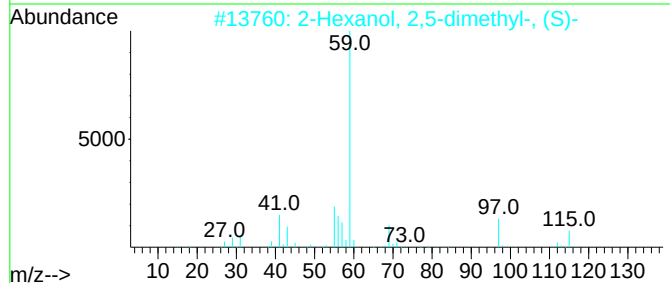
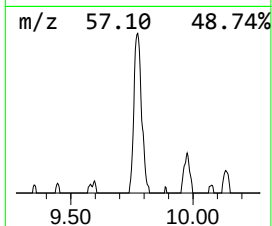
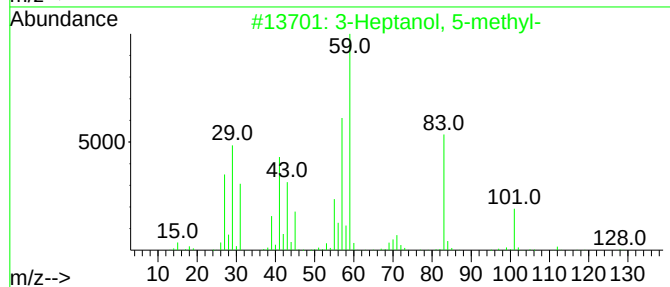
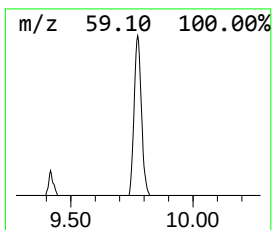
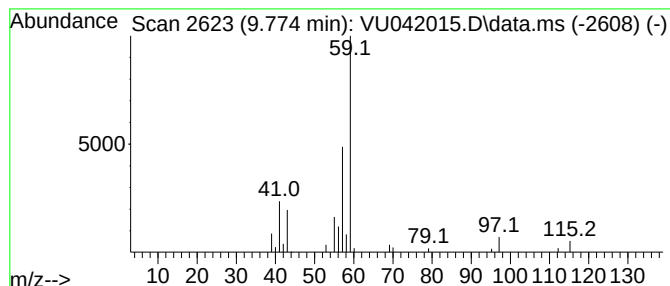
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.774	0.54 ug/L	34631	Chlorobenzene-d5	9.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	40
2			2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	9
3			2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	9
4			2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	9
5			2-Hydroxy-2-methylhept-6-en-3-one	142	C8H14O2	000996-61-2	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

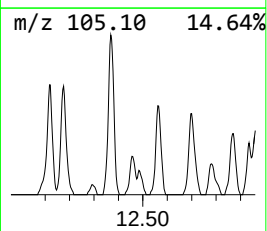
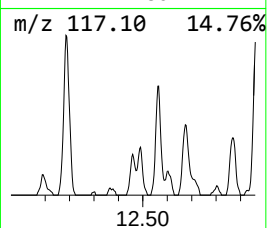
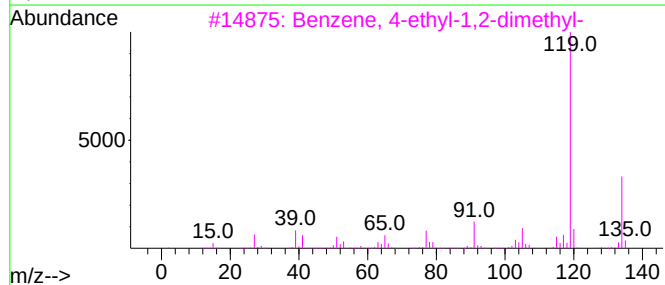
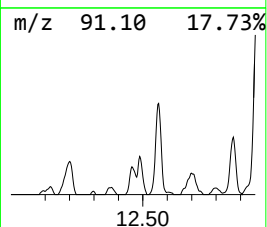
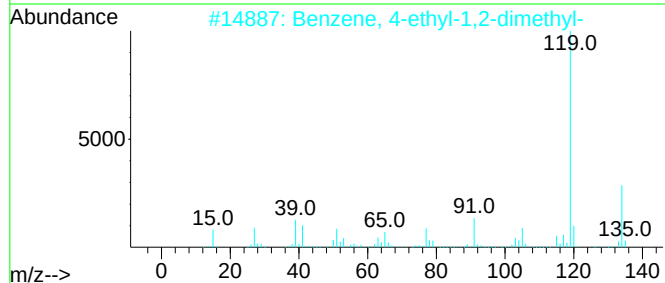
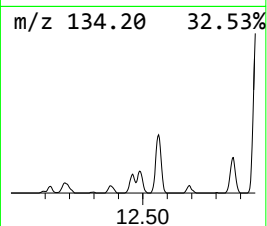
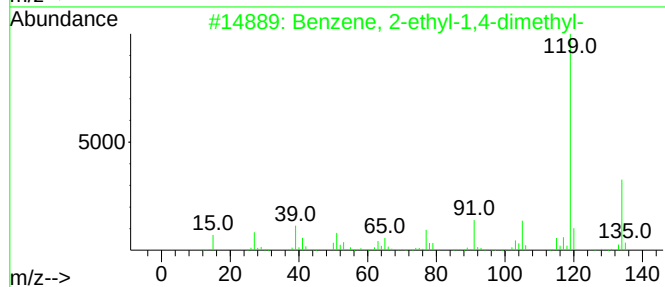
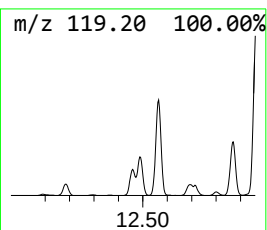
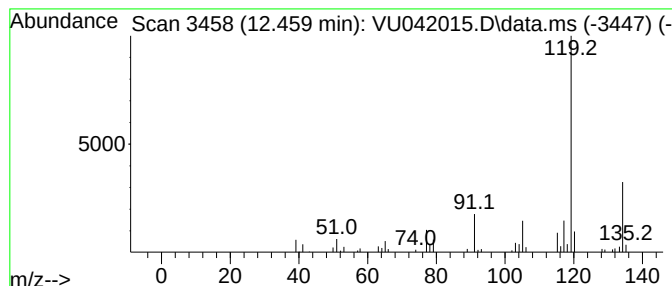
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.459	0.99 ug/L	56472	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

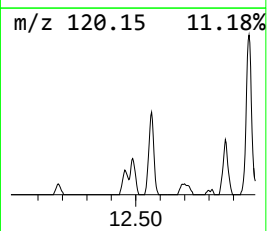
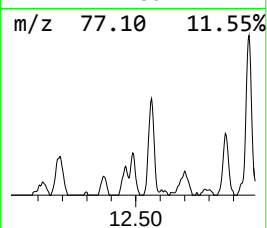
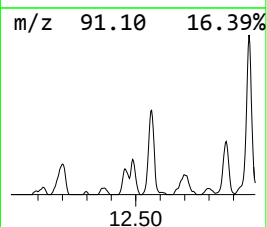
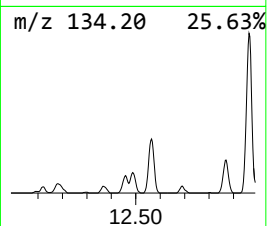
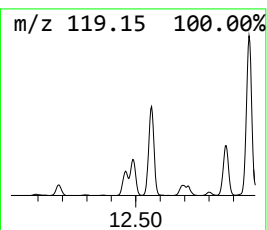
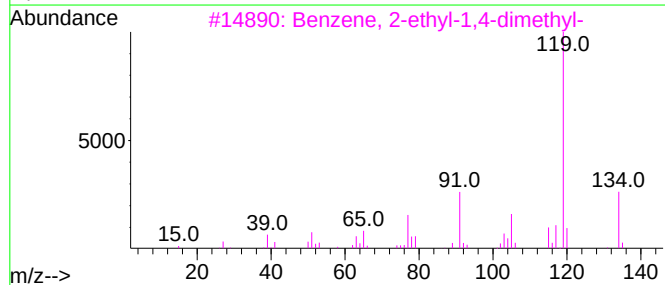
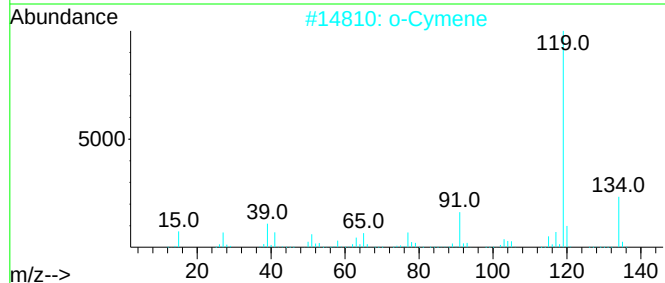
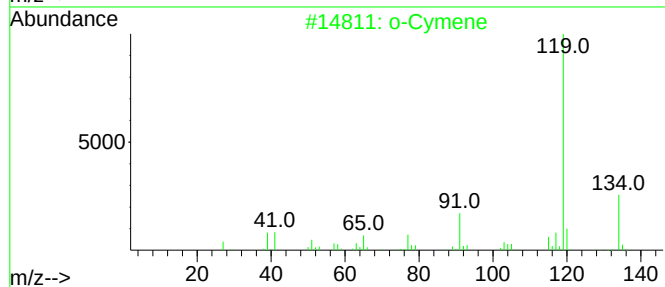
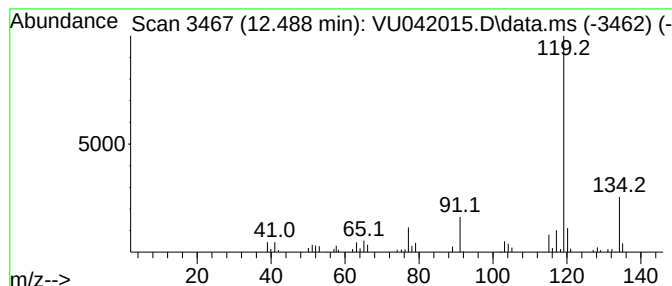
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.488	1.25 ug/L	71543	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			o-Cymene	134	C10H14	000527-84-4	94
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

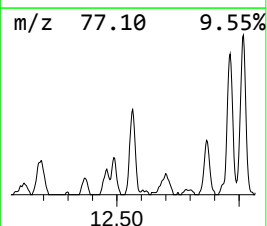
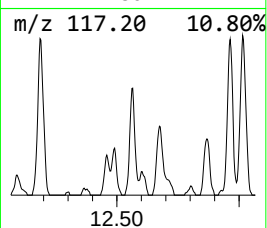
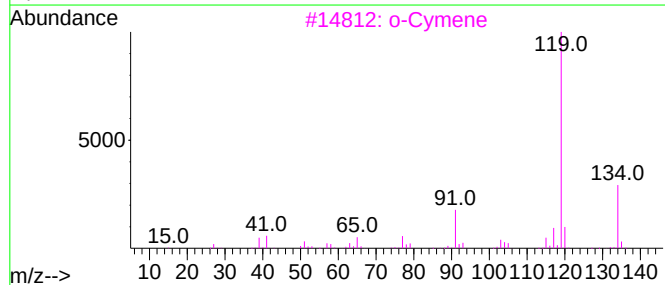
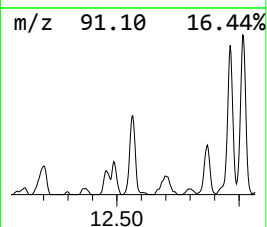
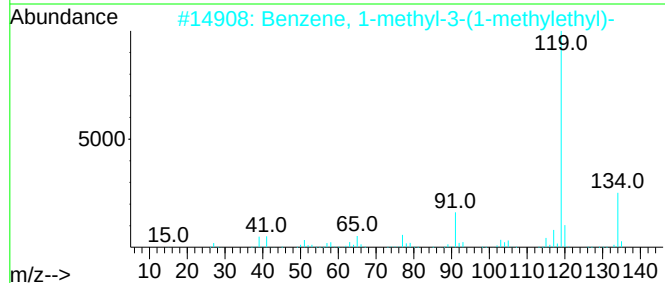
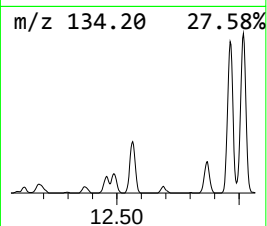
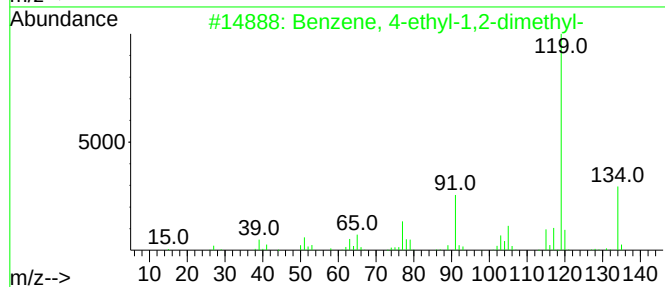
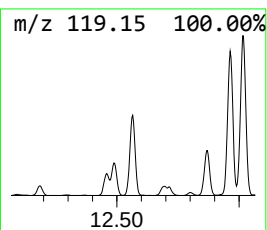
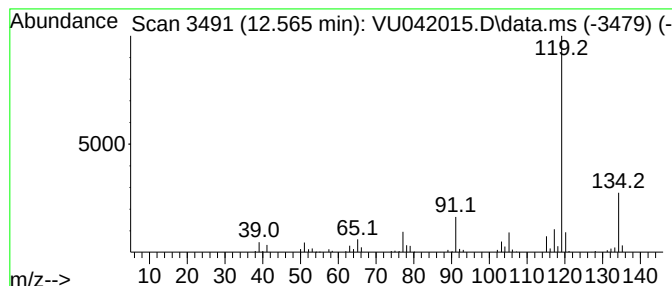
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.565	3.34 ug/L	191389	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
3			o-Cymene	134	C10H14	000527-84-4	94
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5			o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

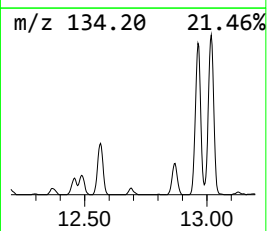
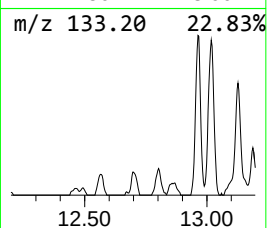
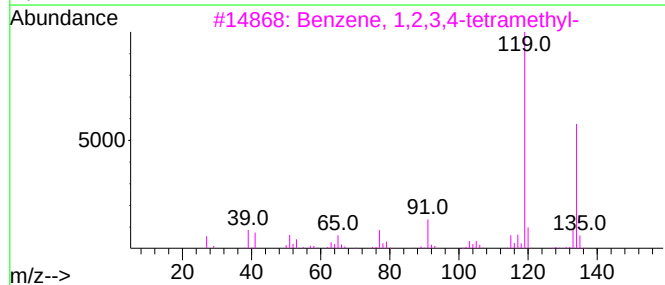
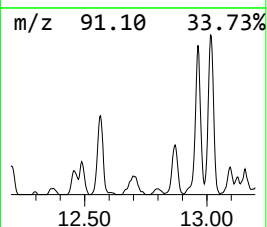
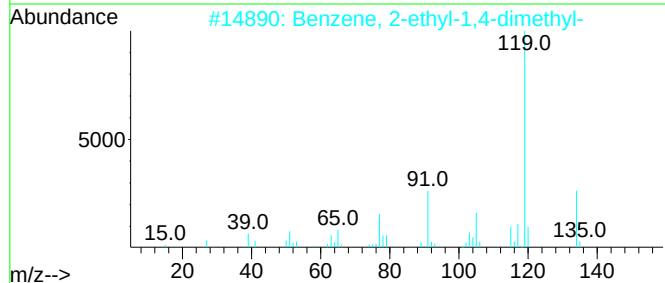
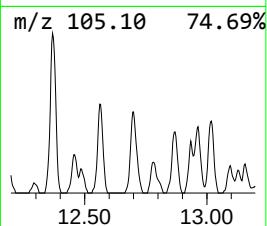
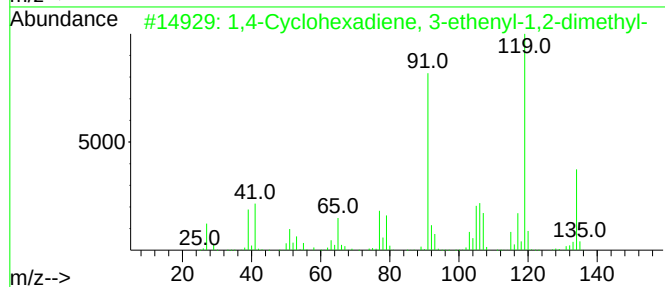
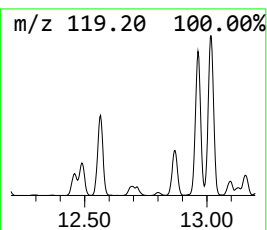
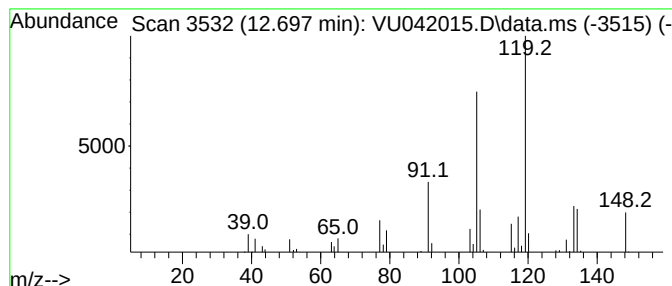
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 1,4-Cyclohexadiene, 3-ethen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.697	1.22 ug/L	69840	1,4-Dichlorobenzene-d4	11.809

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	76
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
4		o-Cymene	134	C10H14	000527-84-4	60
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

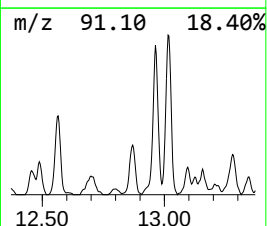
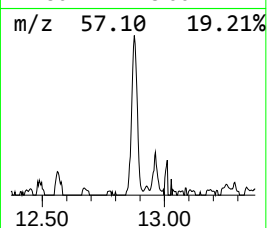
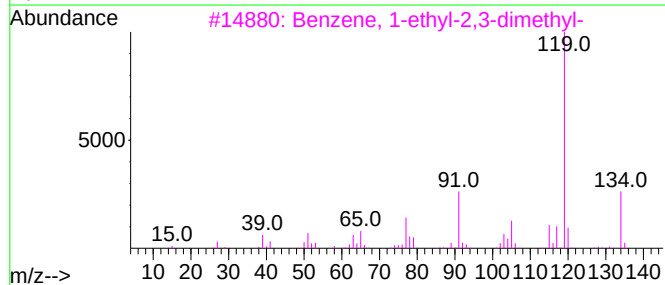
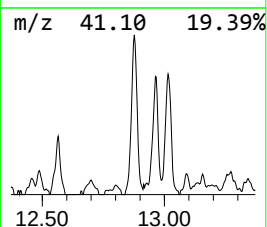
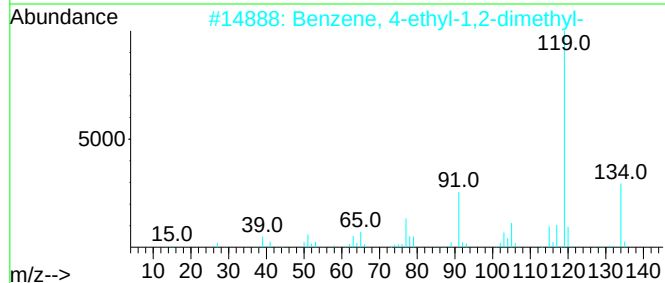
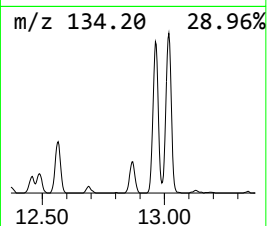
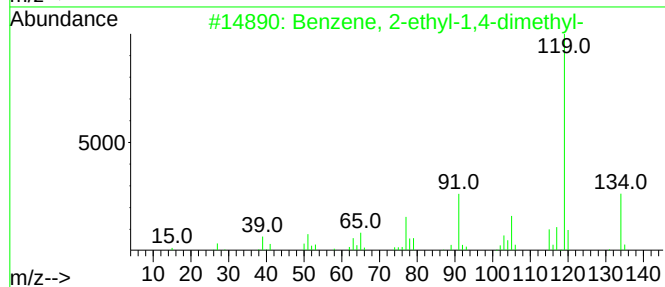
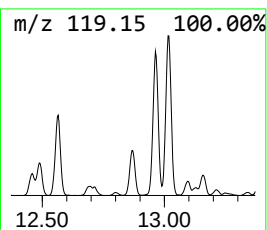
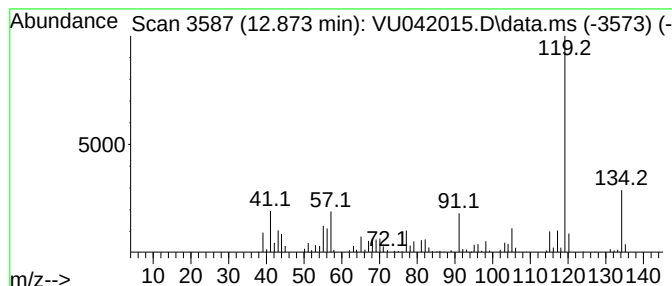
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	3.19 ug/L	182662	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

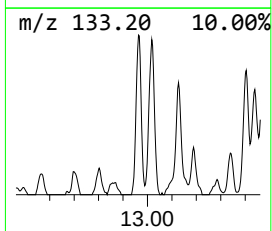
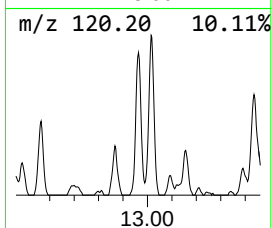
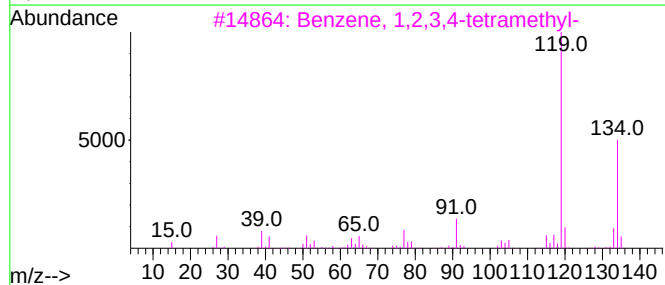
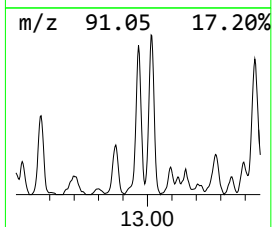
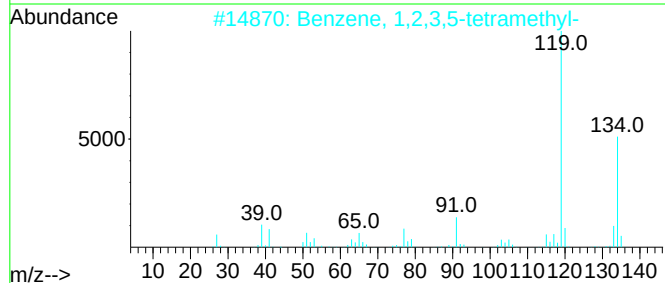
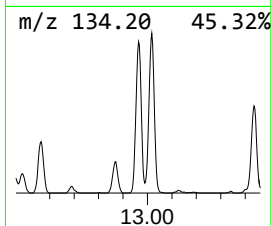
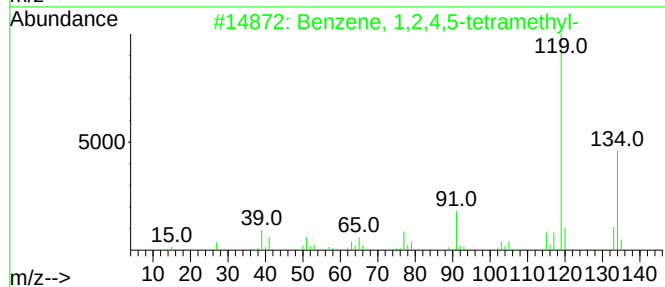
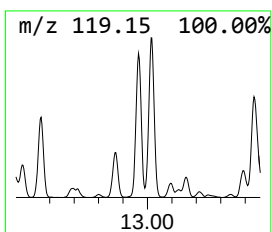
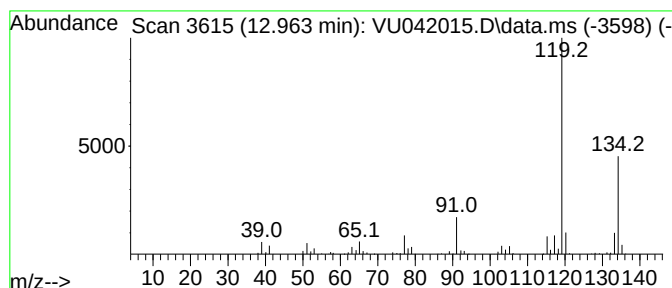
TIC Library : C:\DATABASE\NIST11.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	6.56 ug/L	375176	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

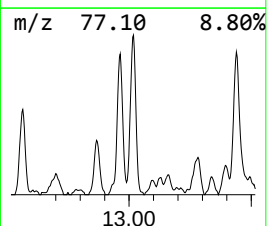
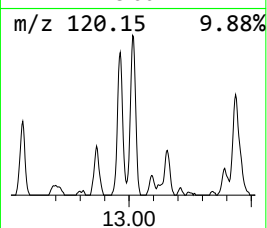
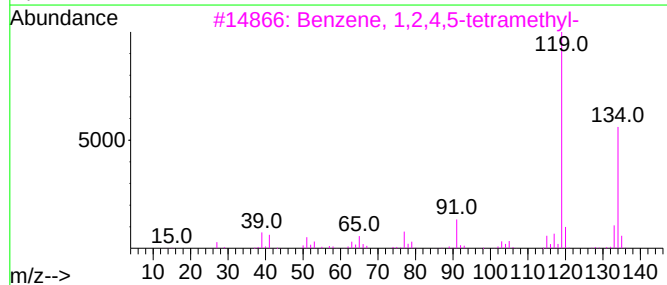
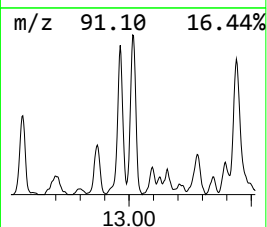
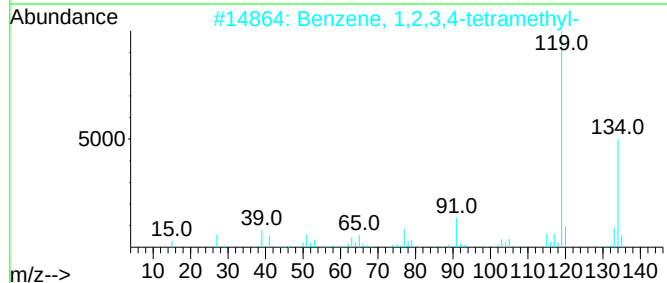
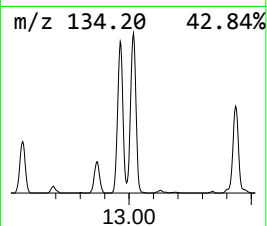
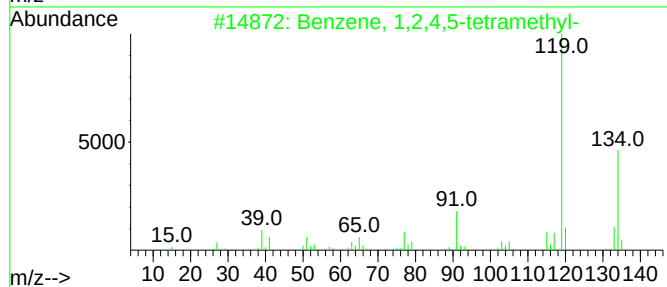
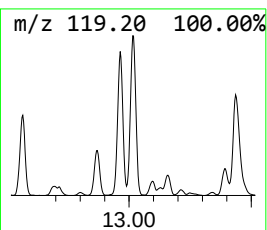
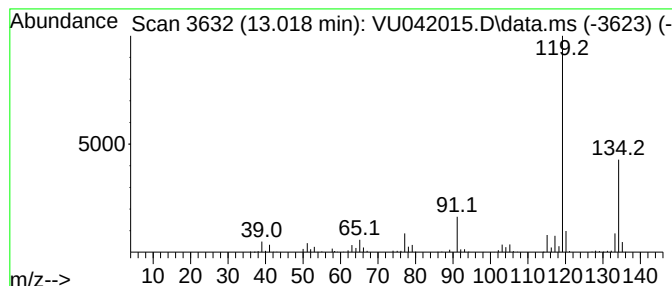
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.018	7.16 ug/L	409455	1,4-Dichlorobenzene-d4	11.809

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

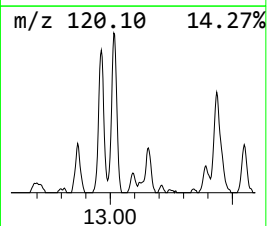
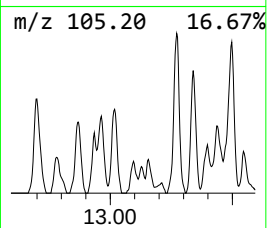
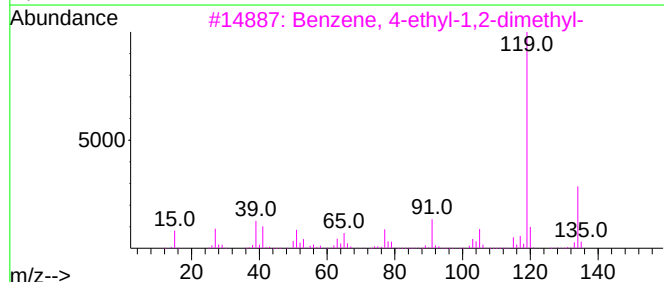
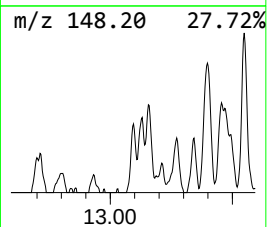
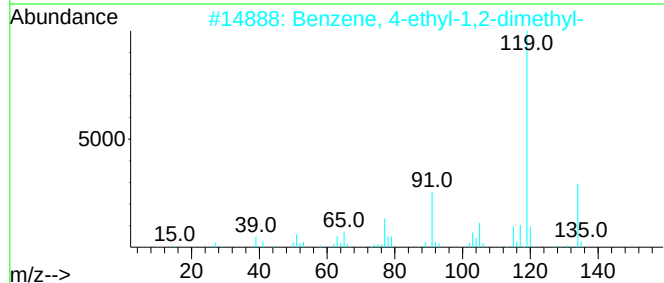
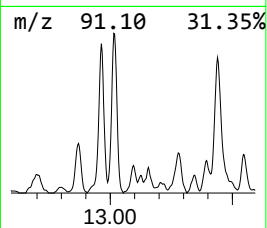
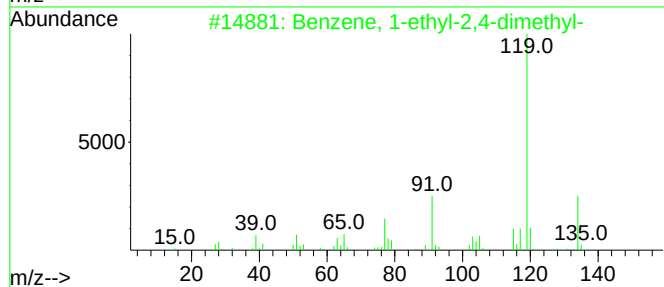
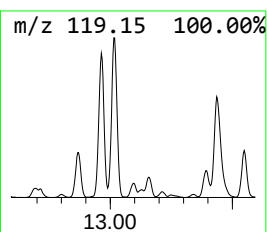
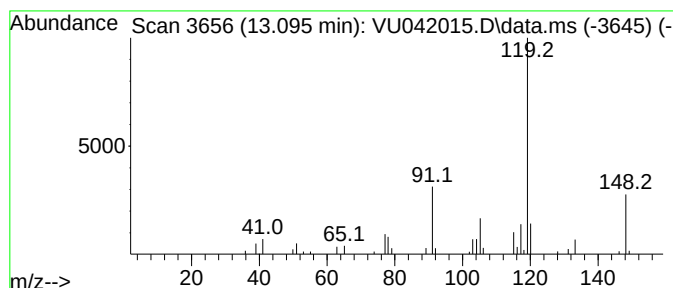
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.095	0.68 ug/L	38944	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

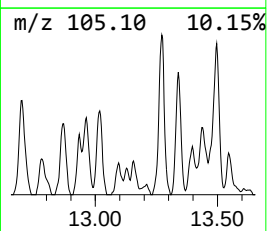
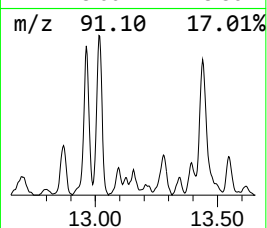
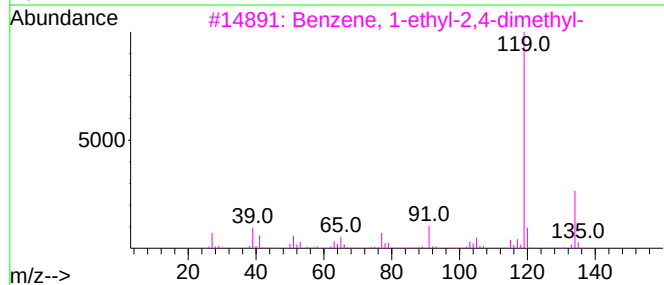
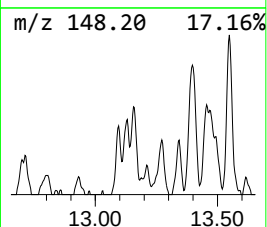
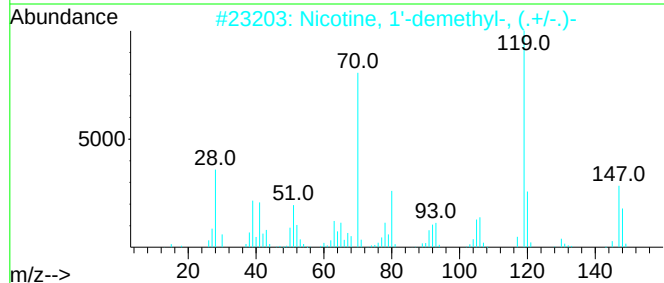
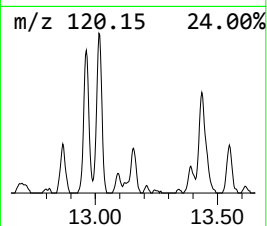
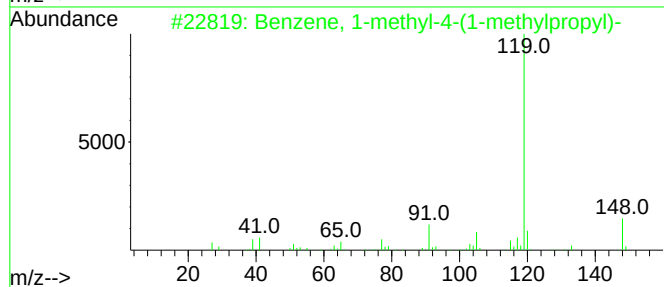
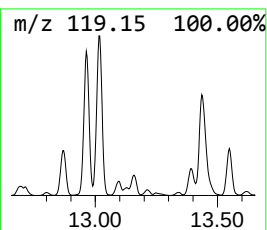
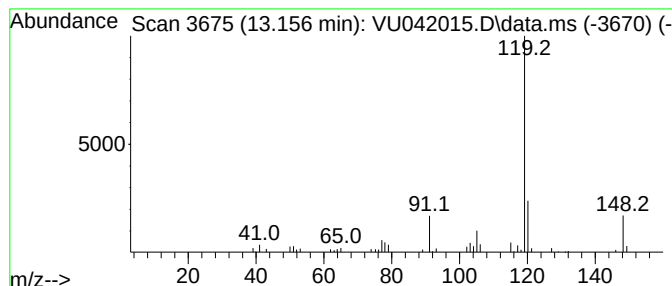
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Benzene, 1-methyl-4-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.156	0.67 ug/L	38596	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	72
2			Nicotine, 1'-demethyl-, (.+/-)-	148	C9H12N2	005746-86-1	64
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	59
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

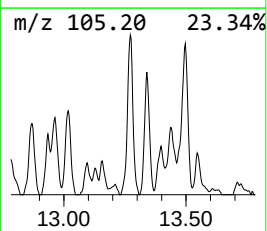
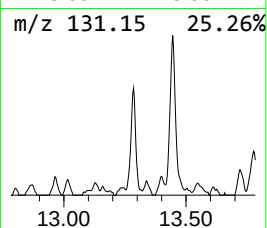
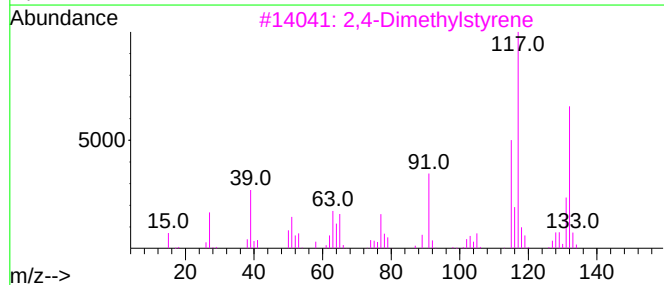
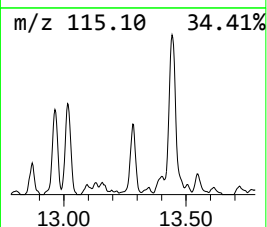
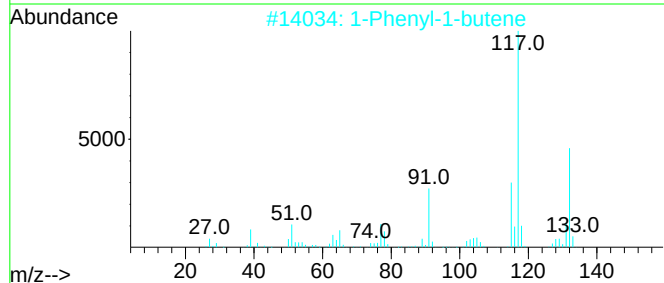
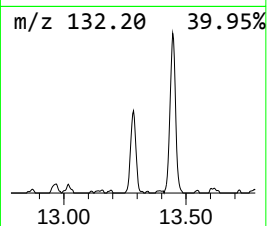
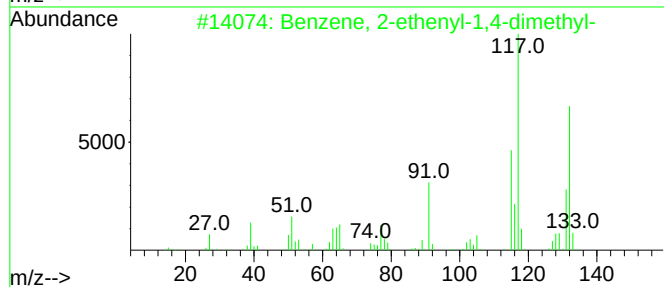
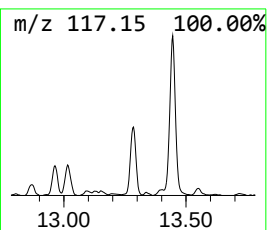
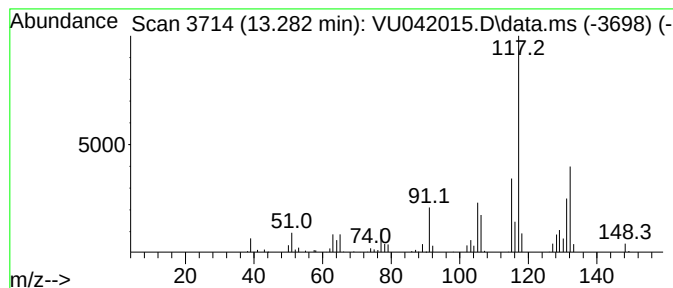
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.282	2.43 ug/L	138835	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3			2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

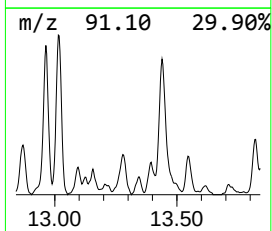
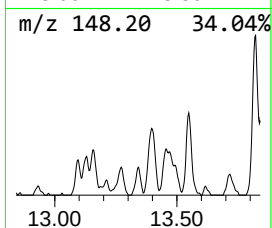
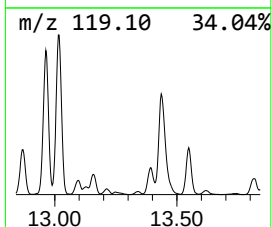
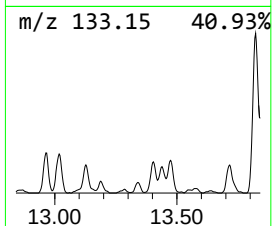
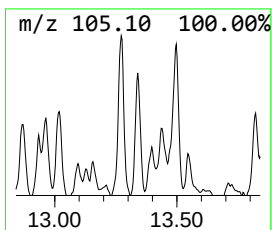
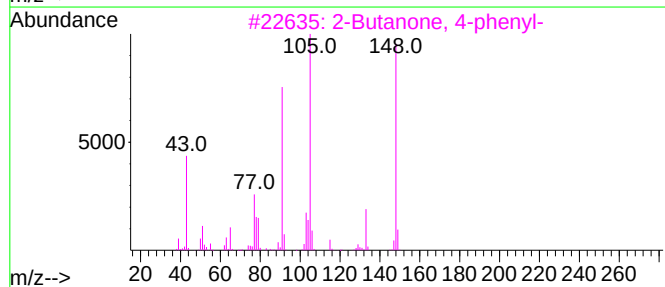
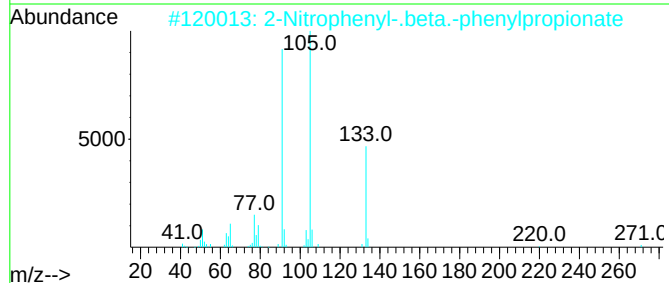
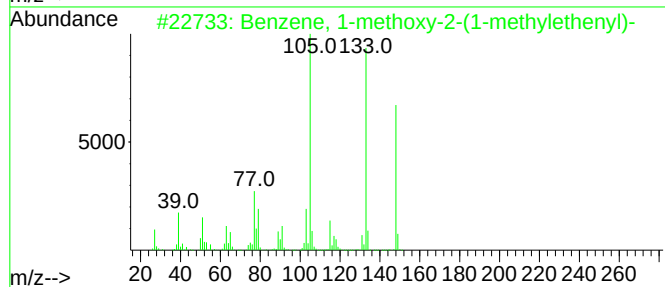
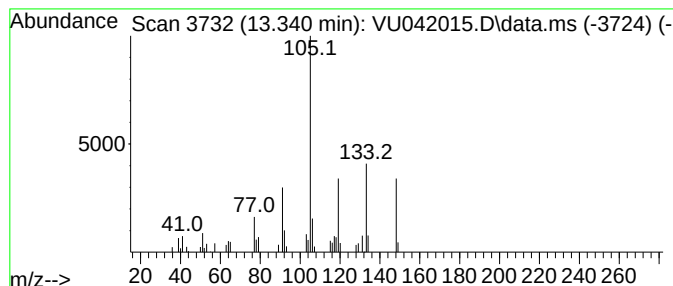
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 13 Benzene, 1-methoxy-2-(1-met... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.340	0.53 ug/L	30451	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	50
2			2-Nitrophenyl-.beta.-phenylpropi...	271	C15H13NO4	040123-51-1	47
3			2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	30
4			Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	30
5			2-Methylindan-2-ol	148	C10H12O	033223-84-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

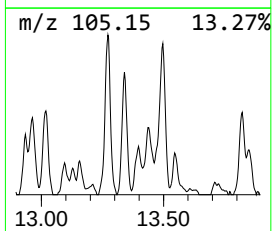
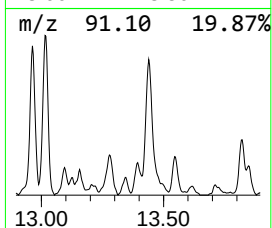
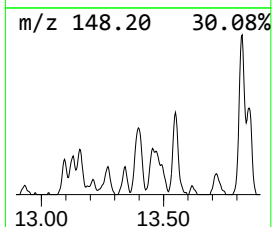
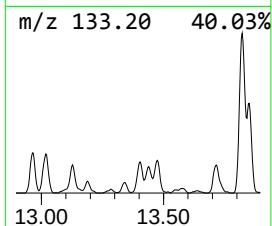
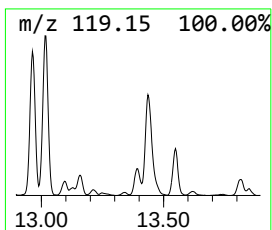
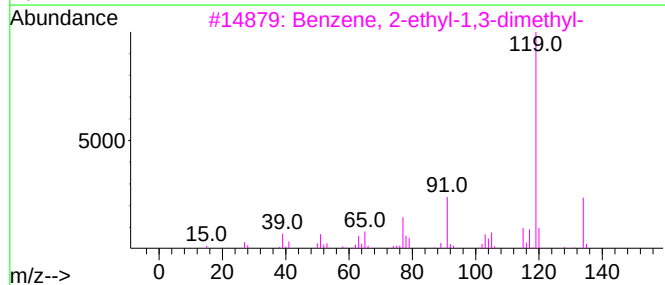
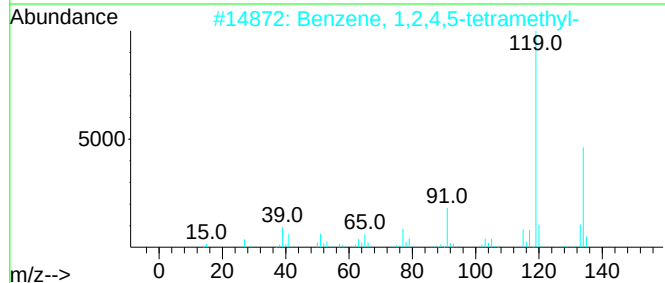
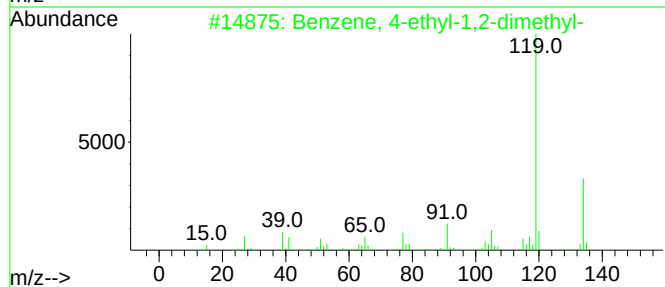
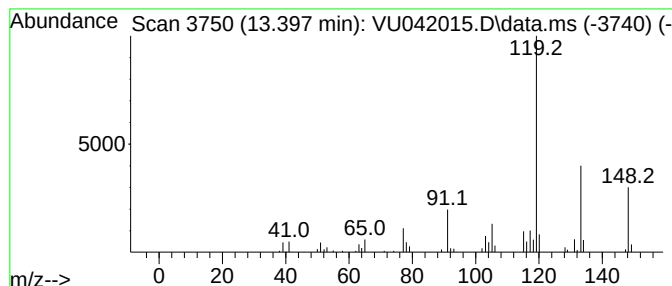
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 14 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.397	1.38 ug/L	79209	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

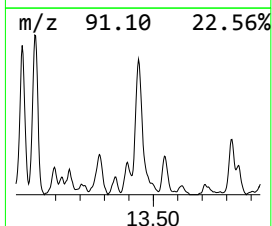
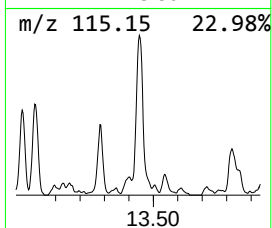
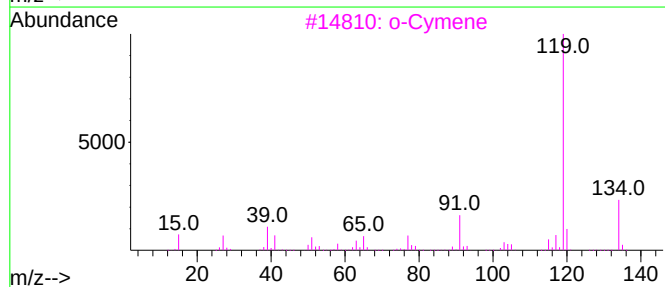
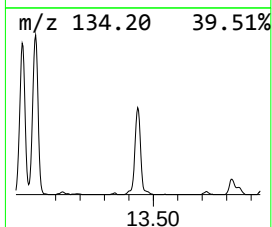
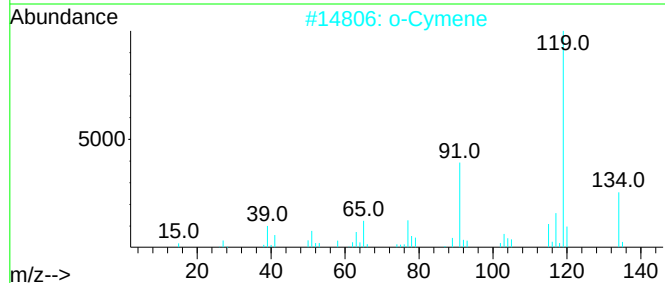
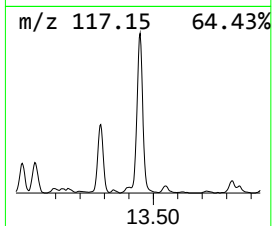
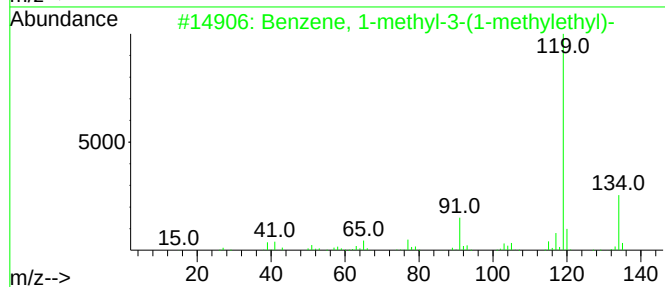
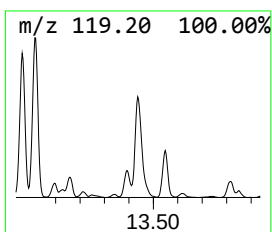
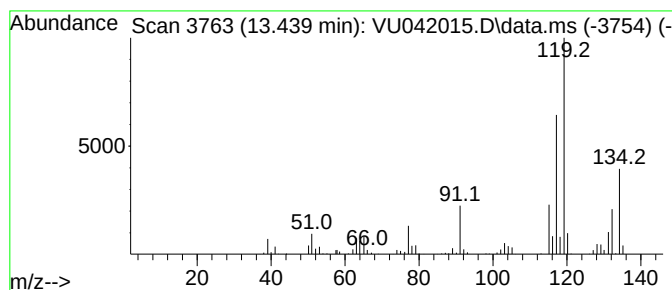
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	9.41 ug/L	538273	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
2			o-Cymene	134	C10H14	000527-84-4	60
3			o-Cymene	134	C10H14	000527-84-4	60
4			o-Cymene	134	C10H14	000527-84-4	60
5			p-Cymene	134	C10H14	000099-87-6	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

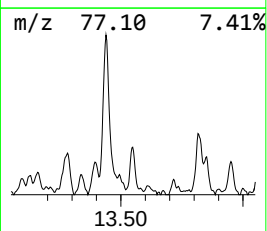
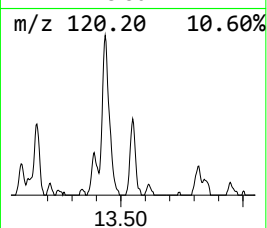
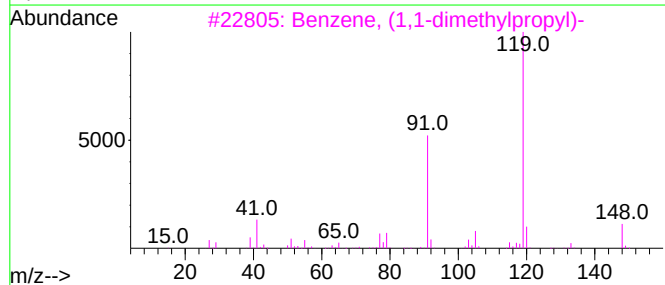
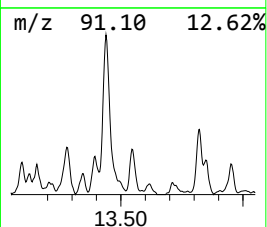
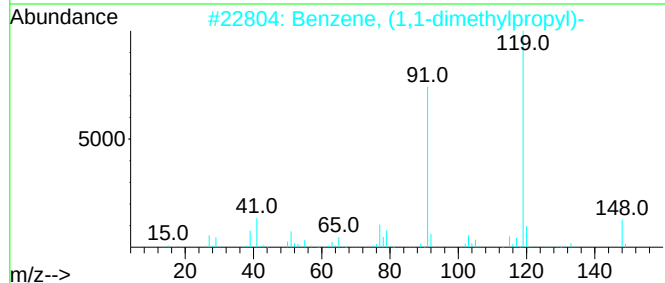
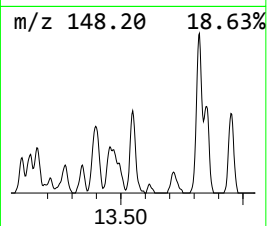
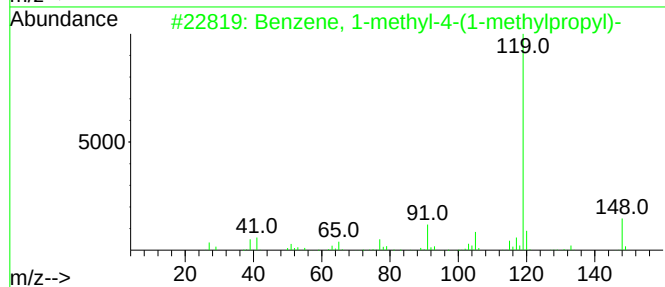
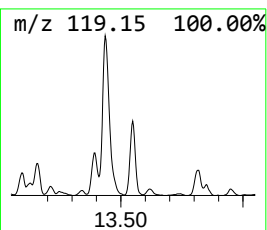
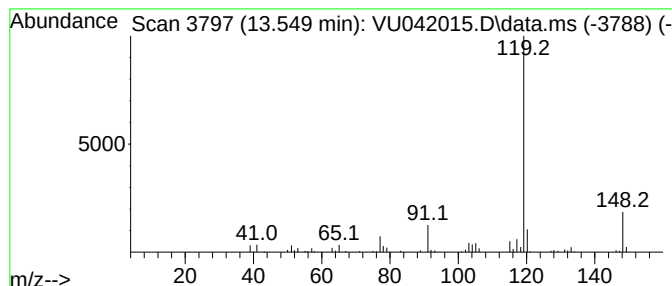
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 16 Benzene, (1,1-dimethylpropyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.549	1.86 ug/L	106226	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

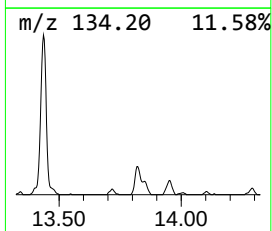
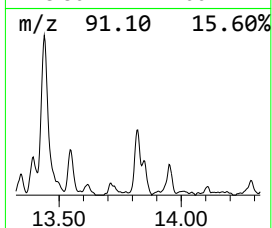
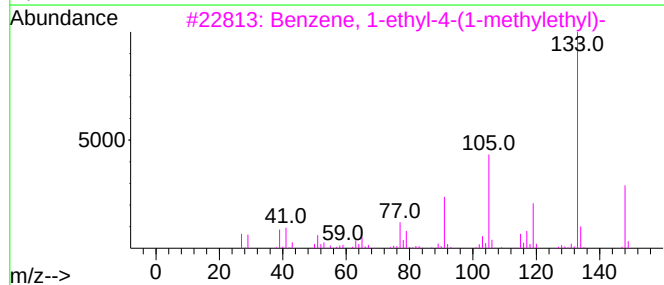
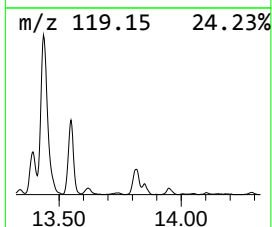
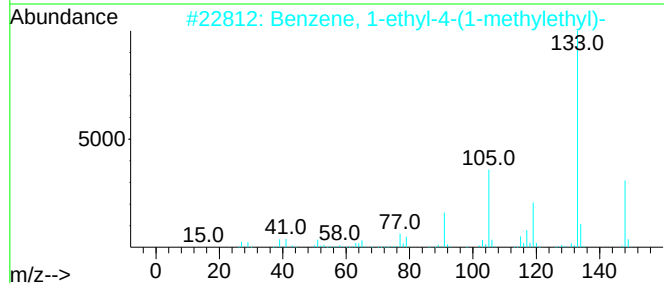
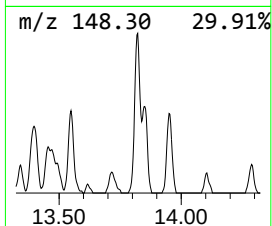
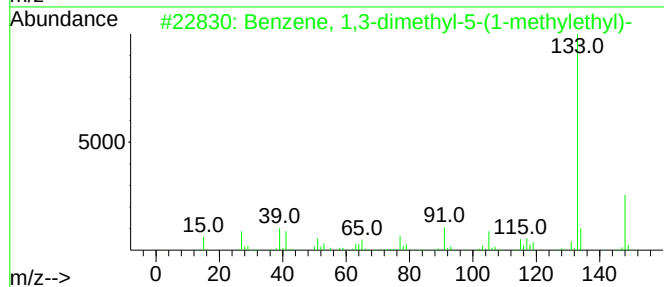
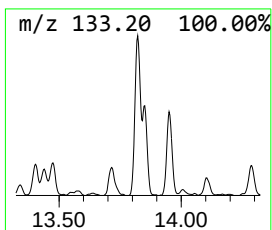
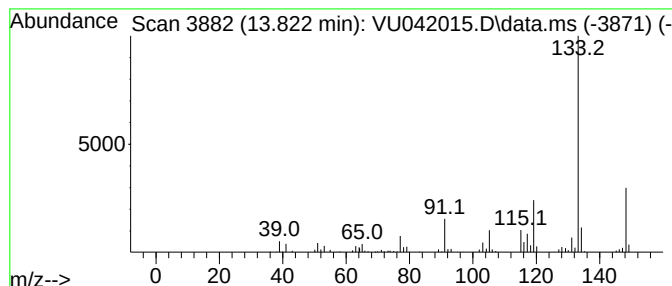
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 17 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	3.01 ug/L	172131	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	93
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	91
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

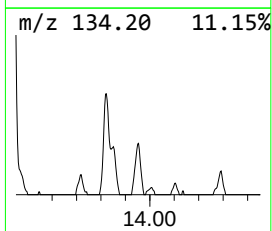
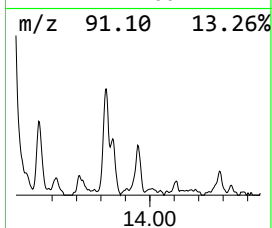
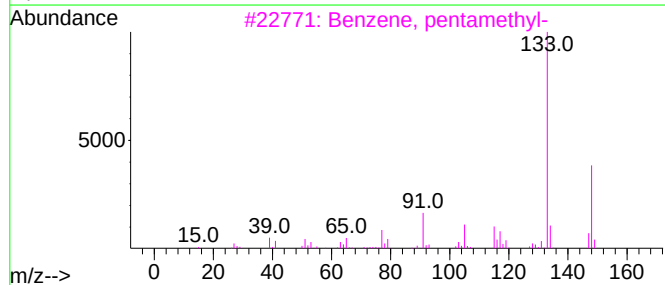
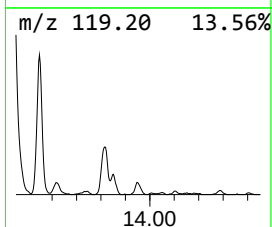
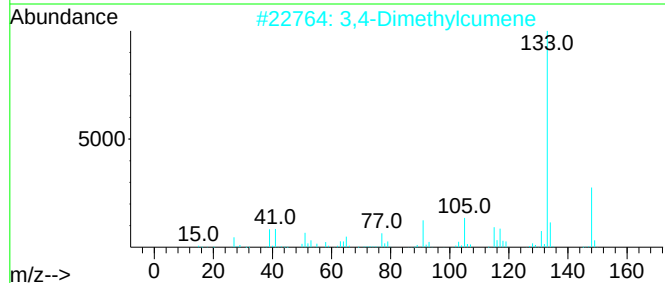
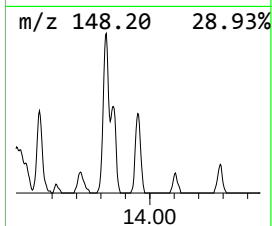
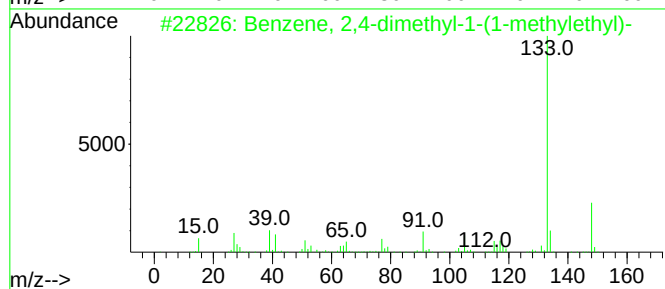
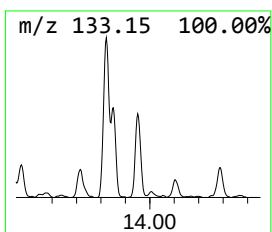
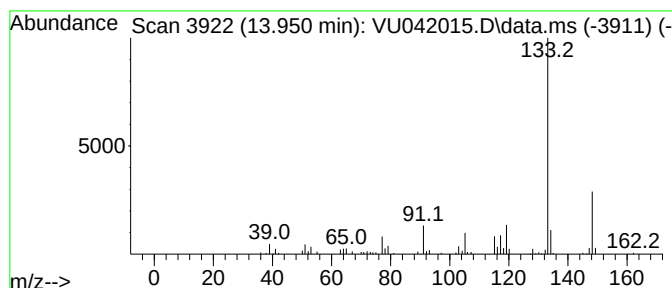
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 18 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	1.43 ug/L	81570	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
2			3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
5			Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

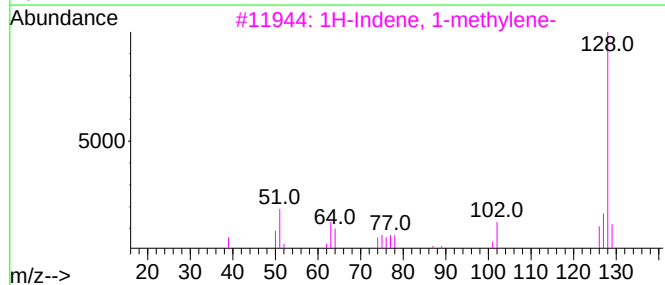
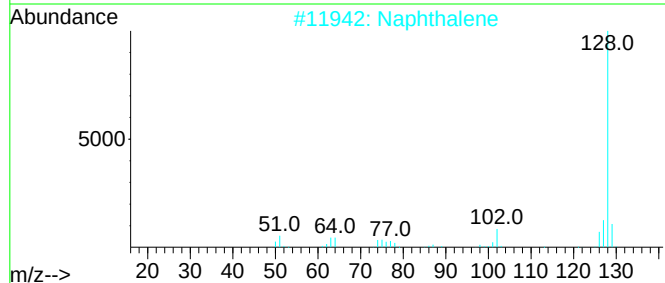
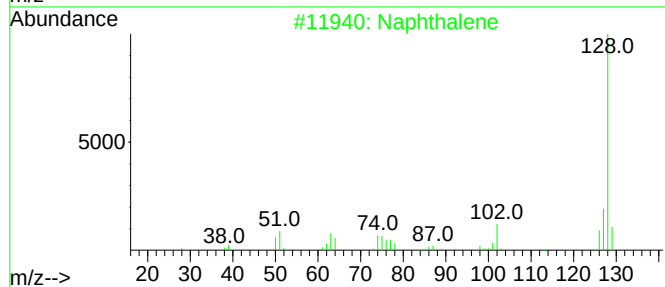
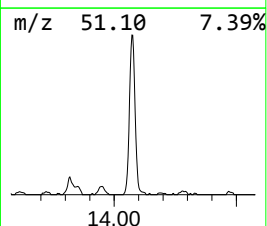
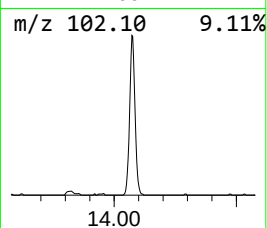
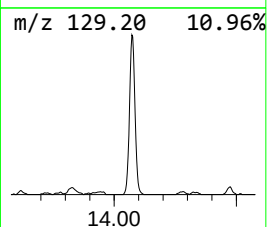
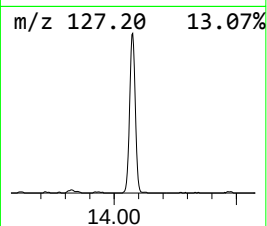
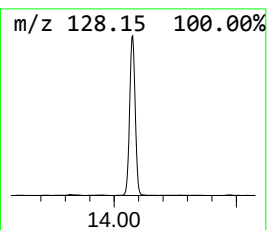
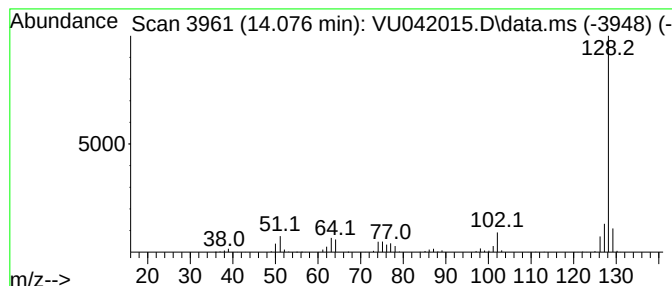
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 19 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.076	12.47 ug/L	713598	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	97
2			Naphthalene	128	C10H8	000091-20-3	95
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
4			Naphthalene	128	C10H8	000091-20-3	94
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

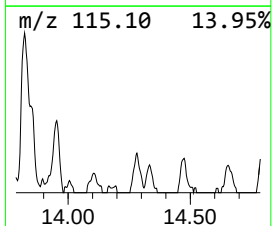
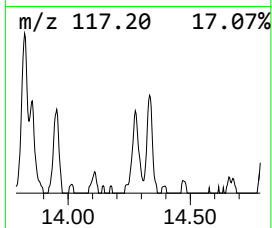
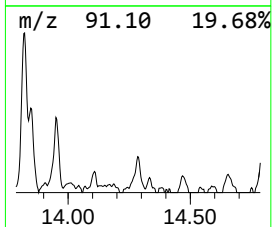
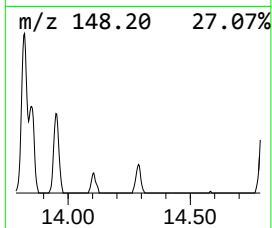
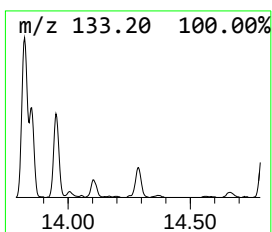
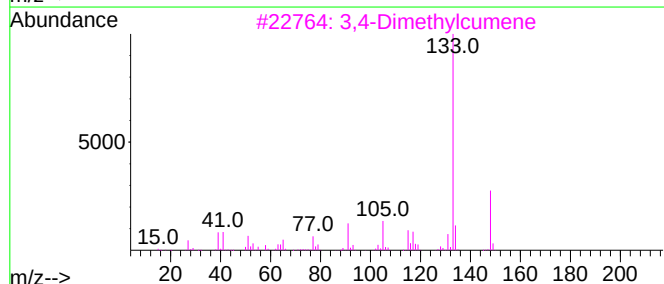
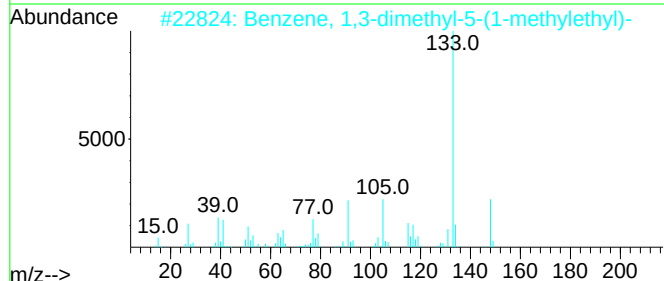
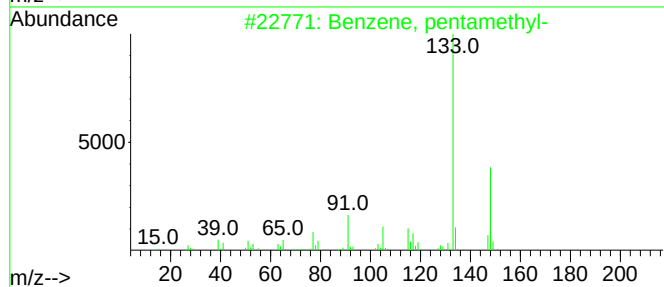
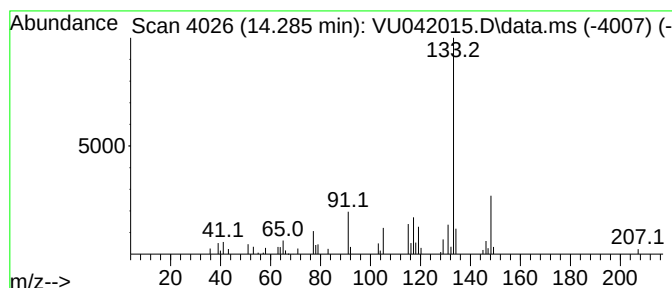
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 20 Benzene, pentamethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.285	0.75 ug/L	42958	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	83
2			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83
3			3,4-Dimethylcumene	148	C11H16	1000370-34-1	83
4			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	74
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

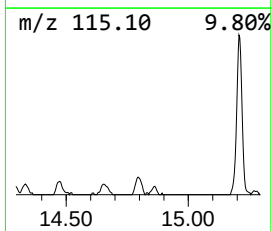
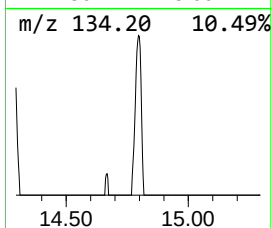
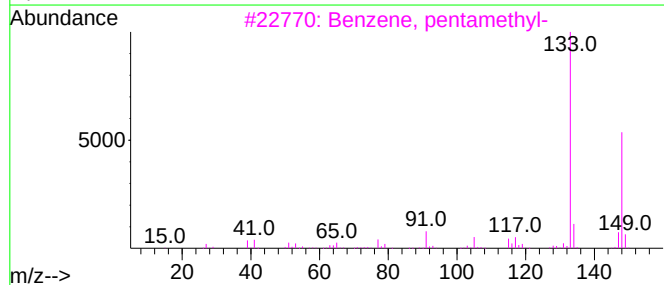
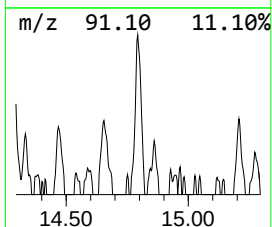
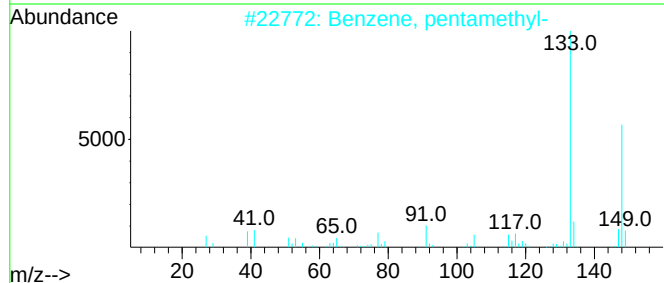
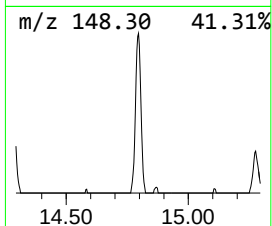
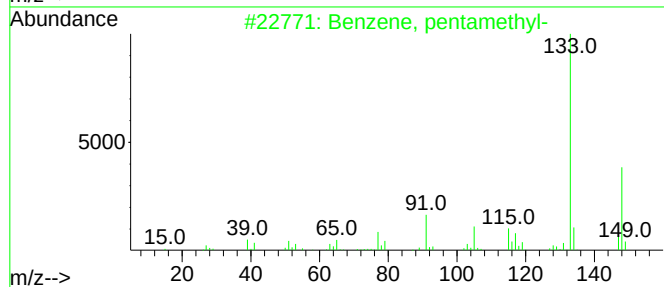
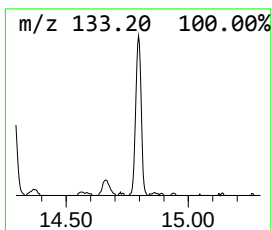
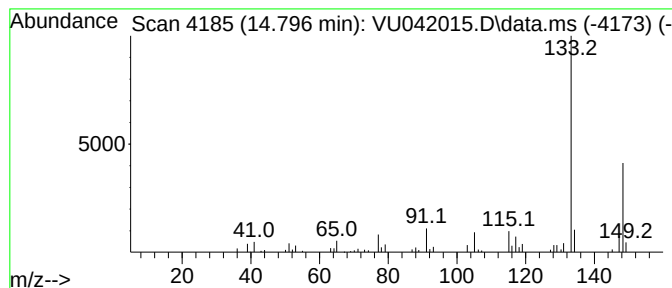
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 21 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.796	0.93 ug/L	53047	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	91
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	91
4			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

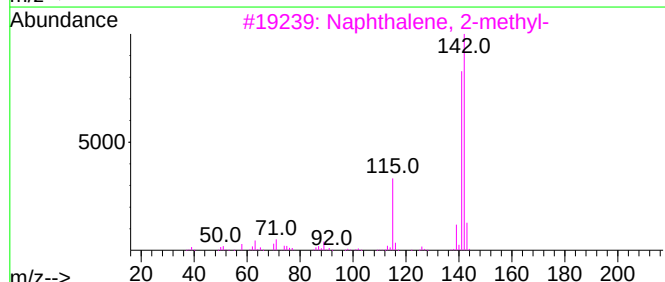
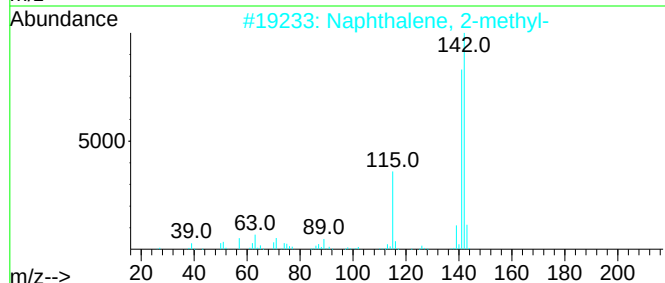
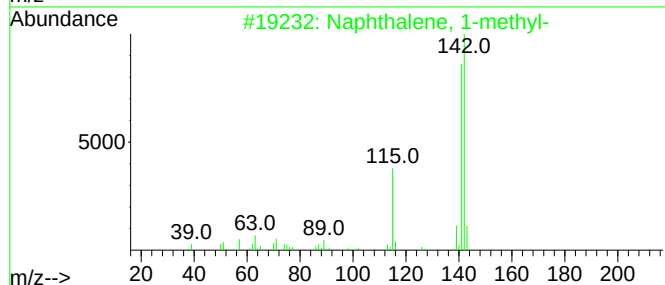
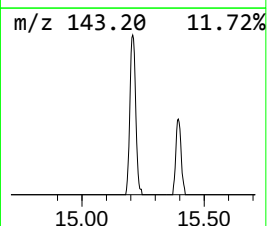
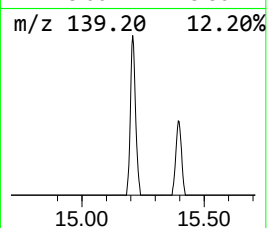
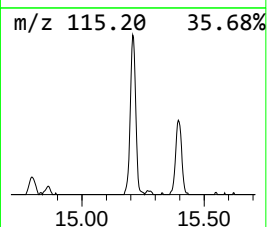
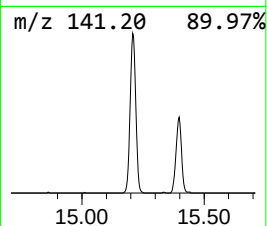
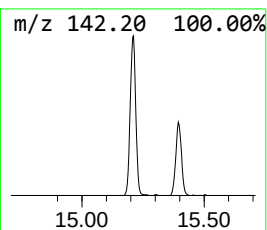
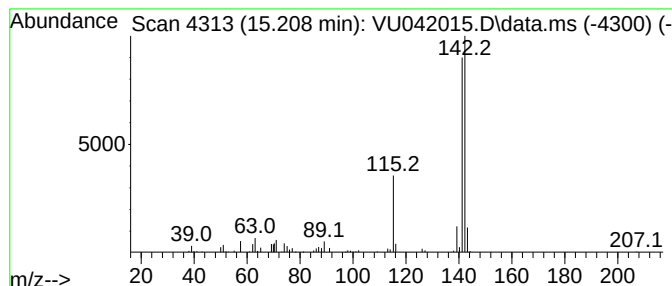
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 22 Naphthalene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	2.74 ug/L	157006	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT62

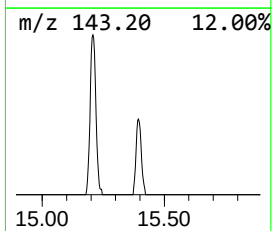
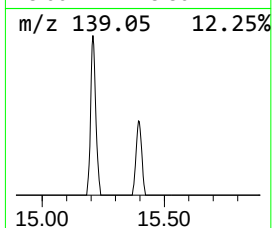
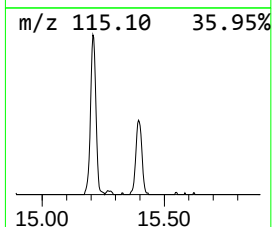
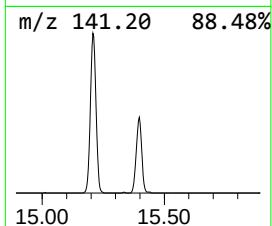
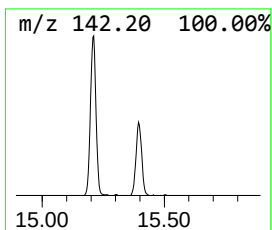
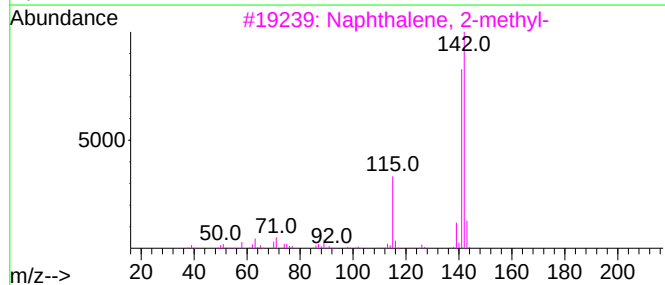
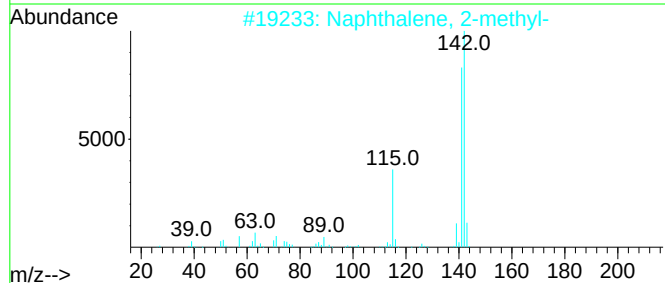
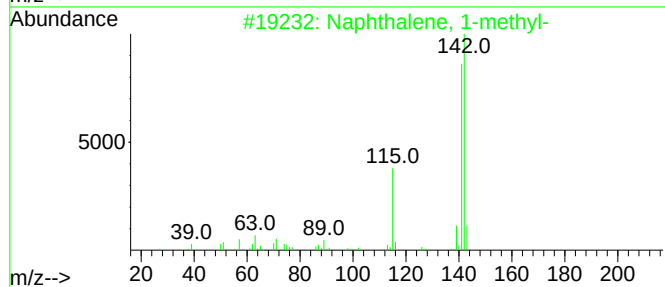
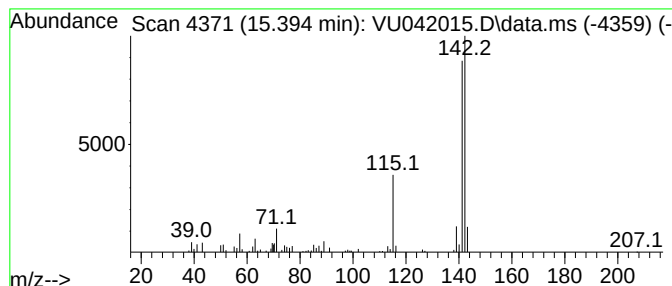
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.394	1.44 ug/L	82547	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	95
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU042015.D
 Acq On : 14 Jan 2021 05:28
 Operator : SY/MD
 Sample : M1129-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT62

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.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
unknown-01	9.774	0.5	ug/L	34631	2	9.420	319485	5.0
Benzene, 2-ethy...	12.459	1.0	ug/L	56472	3	11.809	286089	5.0
o-Cymene	12.488	1.3	ug/L	71543	3	11.809	286089	5.0
Benzene, 4-ethy...	12.565	3.3	ug/L	191389	3	11.809	286089	5.0
1,4-Cyclohexadi...	12.697	1.2	ug/L	69840	3	11.809	286089	5.0
Benzene, 1-ethy...	12.873	3.2	ug/L	182662	3	11.809	286089	5.0
Benzene, 1,2,4,...	12.963	6.6	ug/L	375176	3	11.809	286089	5.0
Benzene, 1,2,3,...	13.018	7.2	ug/L	409455	3	11.809	286089	5.0
Benzene, 1-ethy...	13.095	0.7	ug/L	38944	3	11.809	286089	5.0
Benzene, 1-meth...	13.156	0.7	ug/L	38596	3	11.809	286089	5.0
Benzene, 2-ethe...	13.282	2.4	ug/L	138835	3	11.809	286089	5.0
Benzene, 1-meth...	13.340	0.5	ug/L	30451	3	11.809	286089	5.0
Benzene, 2-ethy...	13.397	1.4	ug/L	79209	3	11.809	286089	5.0
Benzene, 1-meth...	13.439	9.4	ug/L	538273	3	11.809	286089	5.0
Benzene, (1,1-d...	13.549	1.9	ug/L	106226	3	11.809	286089	5.0
Benzene, 1,3-di...	13.822	3.0	ug/L	172131	3	11.809	286089	5.0
Benzene, 2,4-di...	13.951	1.4	ug/L	81570	3	11.809	286089	5.0
Azulene	14.076	12.5	ug/L	713598	3	11.809	286089	5.0
Benzene, pentam...	14.285	0.8	ug/L	42958	3	11.809	286089	5.0
unknown-02	14.796	0.9	ug/L	53047	3	11.809	286089	5.0
Naphthalene, 2-...	15.208	2.7	ug/L	157006	3	11.809	286089	5.0
Naphthalene, 1-...	15.394	1.4	ug/L	82547	3	11.809	286089	5.0