

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012295.D
 Acq On : 19 Aug 2019 23:36
 Operator : SY/MD
 Sample : K4373-14
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD2

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_V\METHOD\SOMVTR081919WMA.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	5.142	1249	1260	1293	rVB	3582668	7690585	5.70%	1.648%
2	7.431	1959	1972	2004	rVB	8756221	14822048	10.98%	3.176%
3	9.055	2462	2477	2497	rBV	6448317	9886278	7.32%	2.118%
4	9.180	2498	2516	2550	rVB	11080268	17834113	13.21%	3.821%
5	9.585	2631	2642	2674	rVB	6368751	10374579	7.69%	2.223%
6	10.489	2911	2923	2941	rBV	2946179	6131048	4.54%	1.314%
7	10.582	2941	2952	2964	rBV	3690677	5460362	4.04%	1.170%
8	10.781	3003	3014	3020	rBV	873325	1424449	1.06%	0.305%
9	10.958	3052	3069	3081	rBV	10499991	15935687	11.80%	3.414%
10	11.029	3081	3091	3099	rBV	2034626	2952684	2.19%	0.633%
11	11.215	3135	3149	3164	rBV	15938783	25497453	18.89%	5.463%
12	11.289	3164	3172	3187	rVB4	790366	1376333	1.02%	0.295%
13	11.383	3188	3201	3213	rBV	4593654	7101819	5.26%	1.522%
14	11.450	3213	3222	3236	rVB2	915796	1469510	1.09%	0.315%
15	11.592	3247	3266	3283	rBV3	67297299	134995962	100.00%	28.922%
16	11.685	3283	3295	3308	rVB3	1351464	2390953	1.77%	0.512%
17	11.797	3316	3330	3345	rBV	29141345	47995036	35.55%	10.283%
18	12.061	3398	3412	3419	rBV	1395444	2238672	1.66%	0.480%
19	12.161	3433	3443	3459	rBV	2668572	4136661	3.06%	0.886%
20	12.408	3509	3520	3531	rBV2	7990790	13442547	9.96%	2.880%
21	12.514	3542	3553	3563	rBV	16724574	30009723	22.23%	6.429%
22	12.585	3573	3575	3586	rVB	1544791	1822990	1.35%	0.391%
23	12.775	3622	3634	3651	rVB	3002541	4948804	3.67%	1.060%
24	12.935	3664	3684	3694	rBV2	5369109	9748194	7.22%	2.089%
25	13.003	3694	3705	3723	rVB2	5663846	11383682	8.43%	2.439%
26	13.109	3724	3738	3756	rVB	5855768	12253883	9.08%	2.625%
27	13.225	3757	3774	3785	rBV4	489919	1501858	1.11%	0.322%
28	13.723	3919	3929	3938	rVB	20439893	27908948	20.67%	5.979%
29	14.688	4217	4229	4253	rVB	16577040	26393204	19.55%	5.655%
30	14.868	4272	4285	4299	rBV	4882622	7624703	5.65%	1.634%

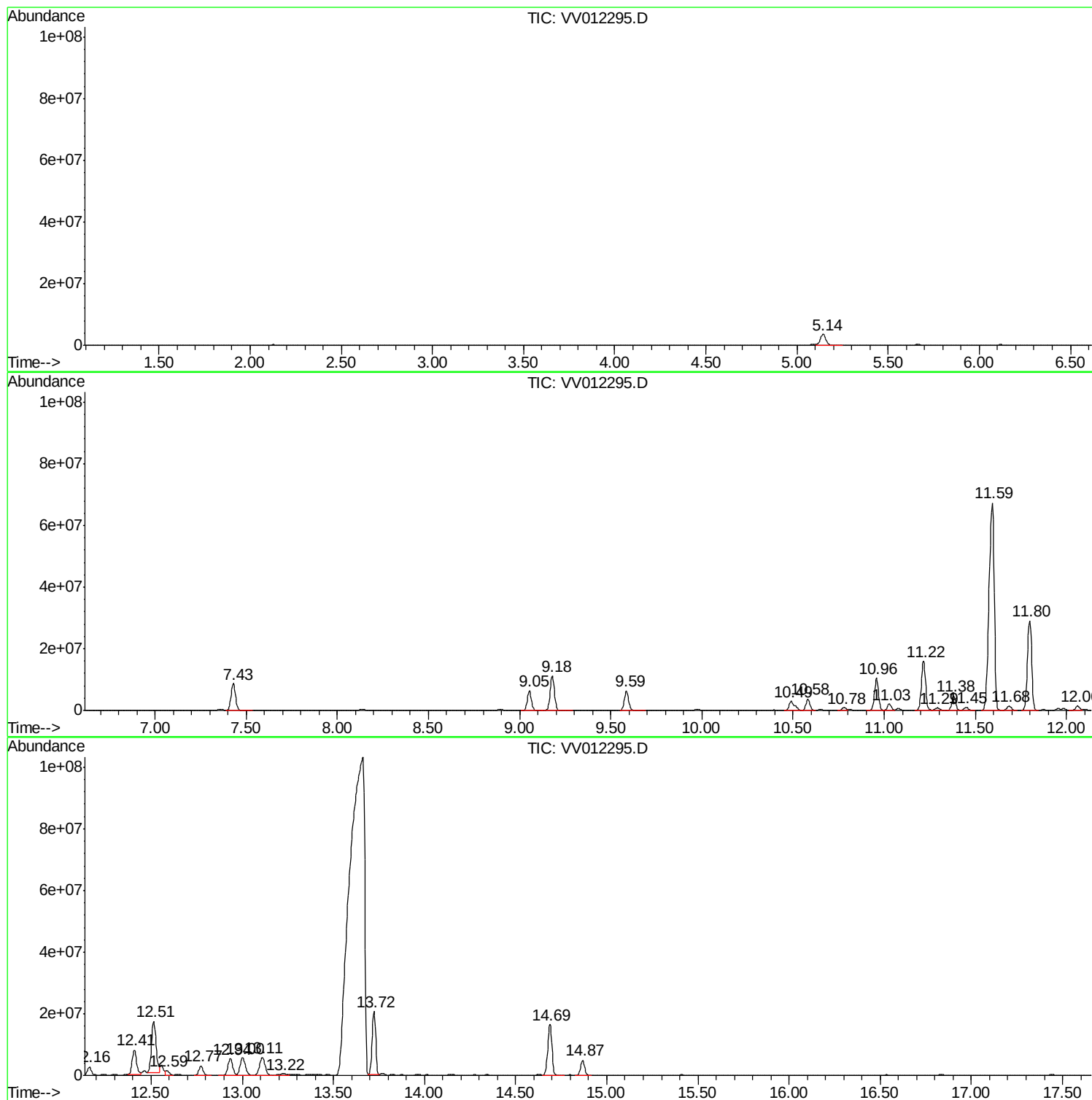
Sum of corrected areas: 466752768

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

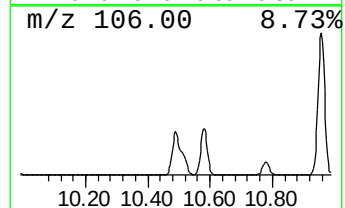
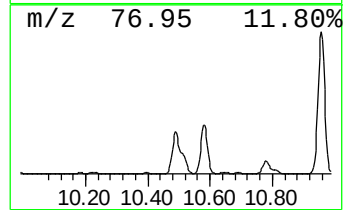
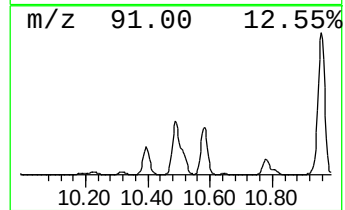
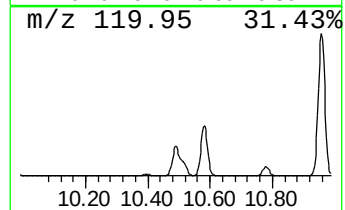
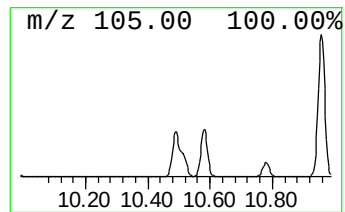
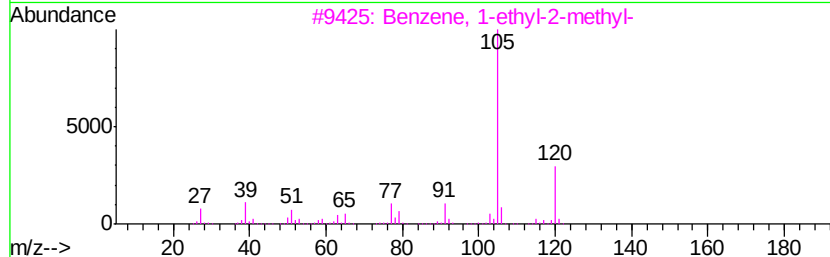
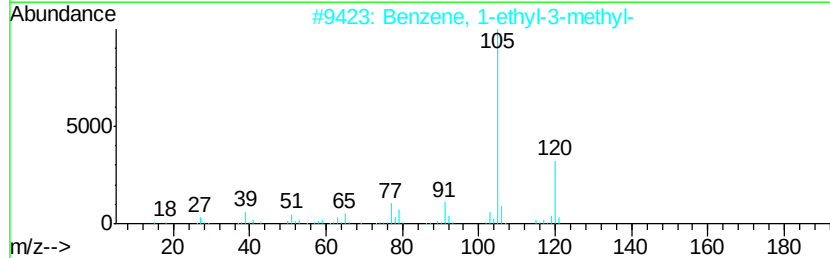
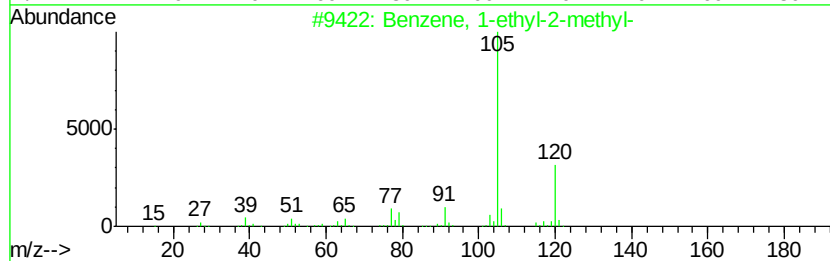
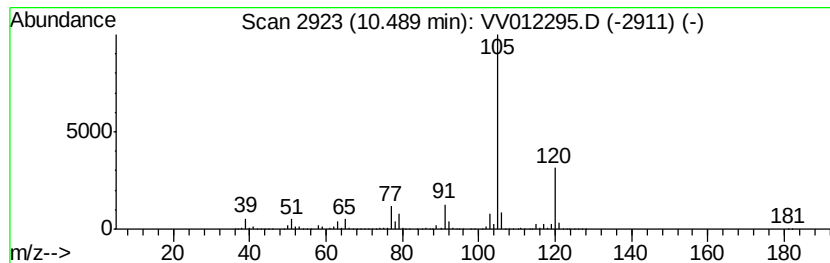
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	22.27 ug/L	6131050	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

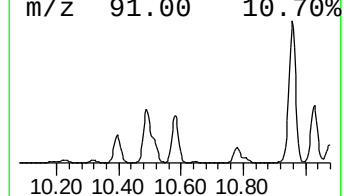
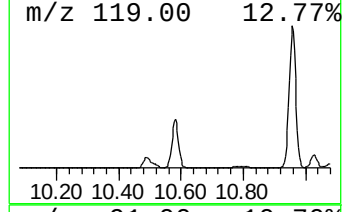
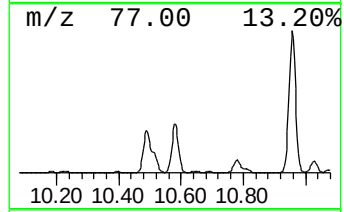
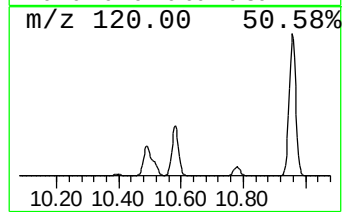
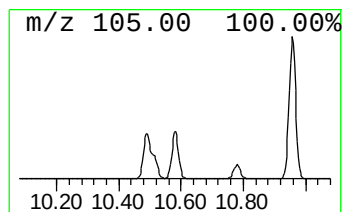
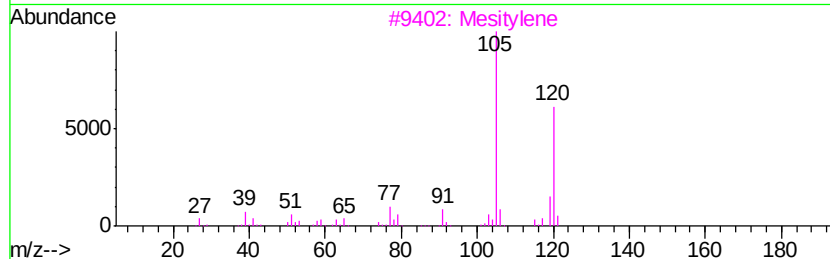
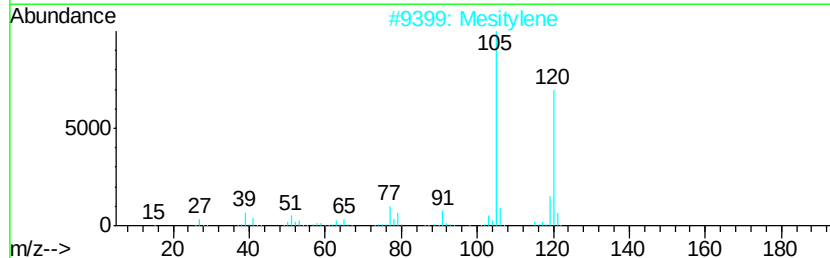
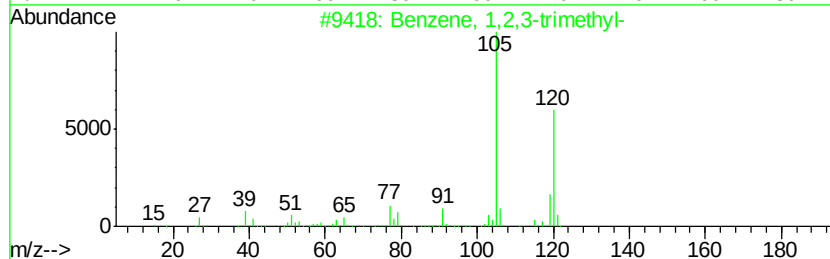
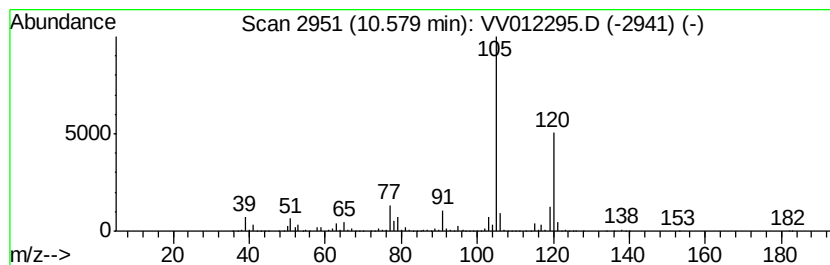
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	19.84 ug/L	5460360	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	97
3		Mesitylene	120	C9H12	000108-67-8	95
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

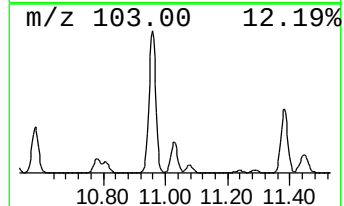
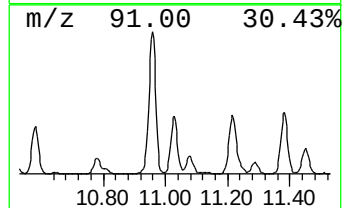
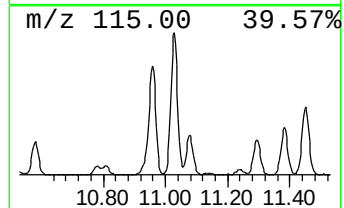
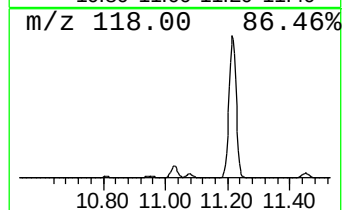
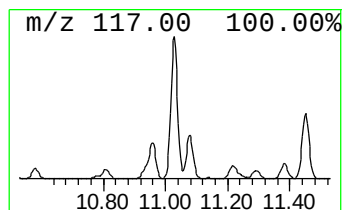
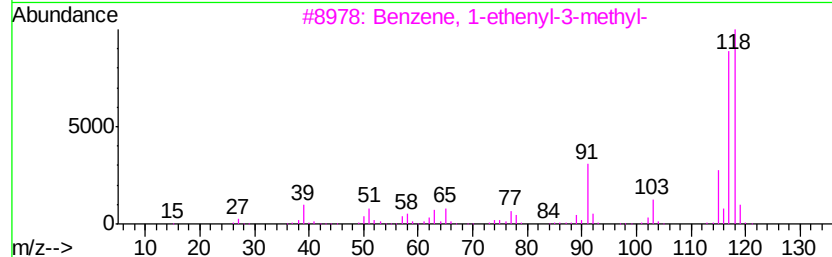
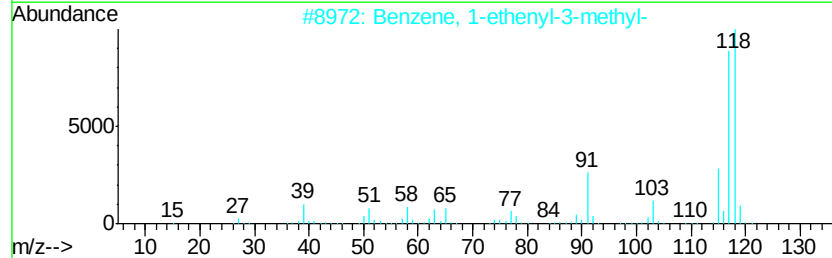
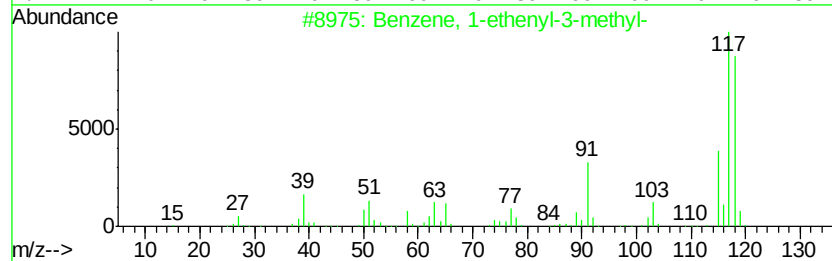
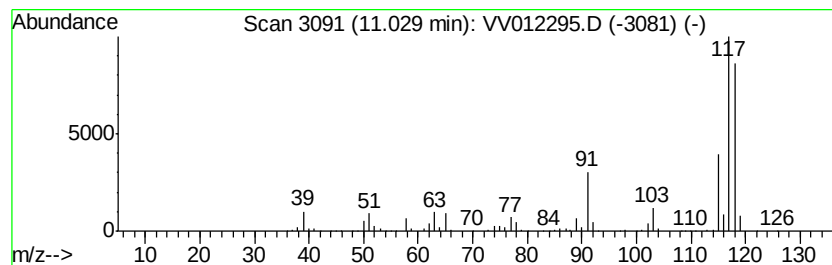
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	10.73 ug/L	2952680	1,4-Dichlorobenzene-d4	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

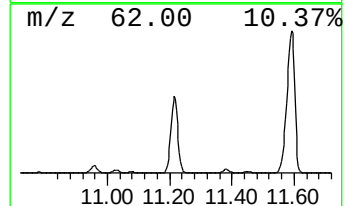
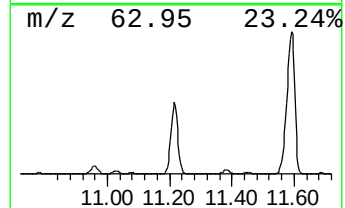
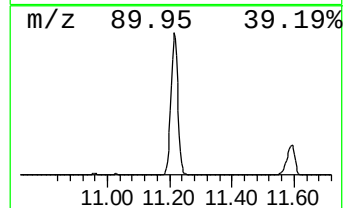
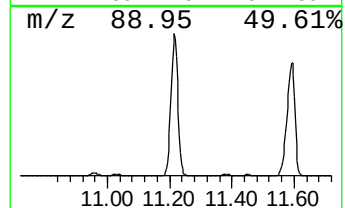
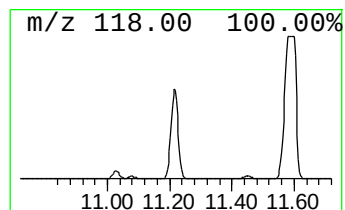
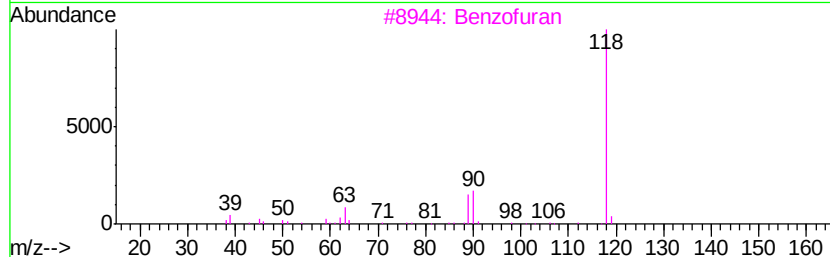
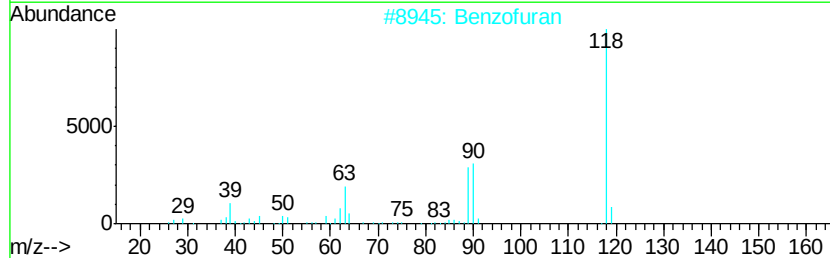
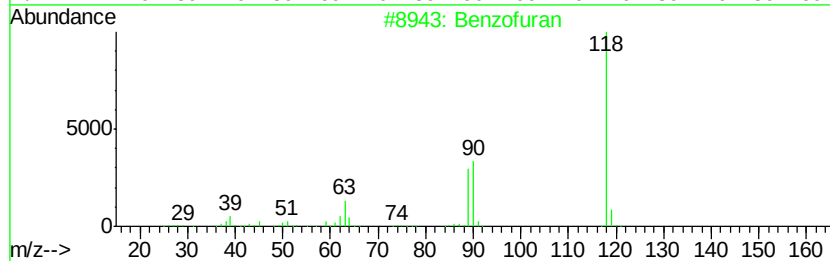
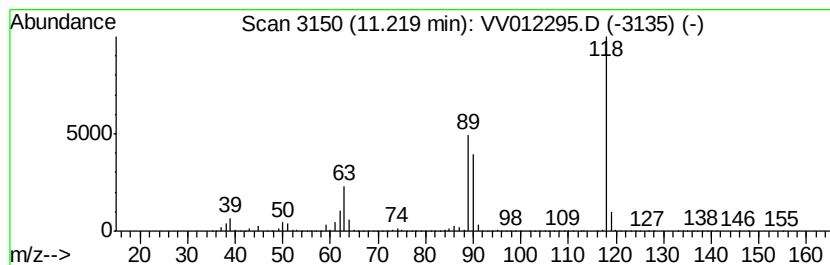
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Benzofuran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	92.63 ug/L	25497500	1,4-Dichlorobenzene-d4	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran	118	C8H6O	000271-89-6	93
2			Benzofuran	118	C8H6O	000271-89-6	90
3			Benzofuran	118	C8H6O	000271-89-6	87
4			3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
5			2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

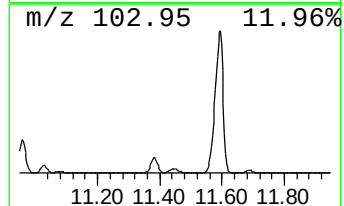
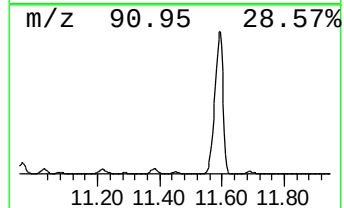
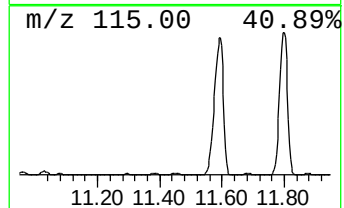
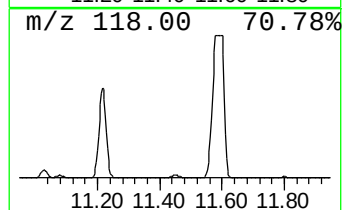
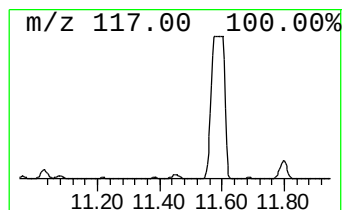
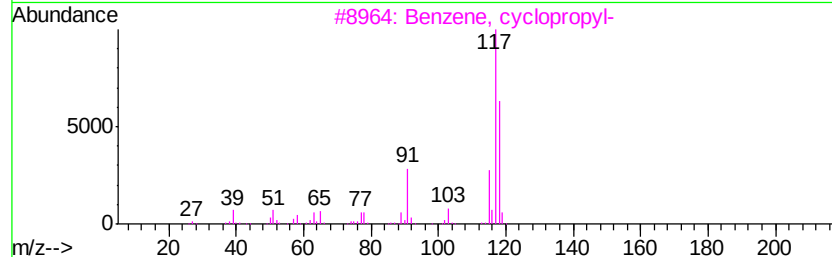
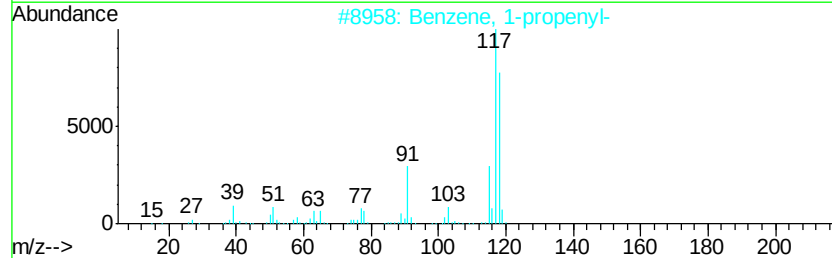
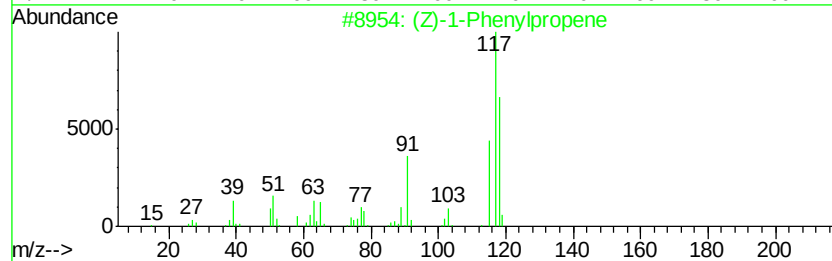
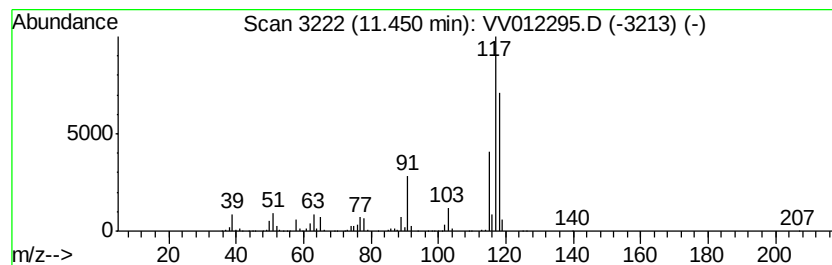
Instrument :
MSVOA_V
ClientSampleId :
C0AD2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 (Z)-1-Phenylpropene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	5.34 ug/L	1469510	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(Z)-1-Phenylpropene	118 C9H10	000766-90-5 93
2		Benzene, 1-propenyl-	118 C9H10	000637-50-3 93
3		Benzene, cyclopropyl-	118 C9H10	000873-49-4 93
4		Benzene, 2-propenyl-	118 C9H10	000300-57-2 93
5		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 92



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

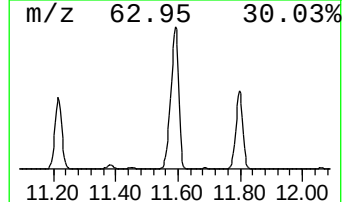
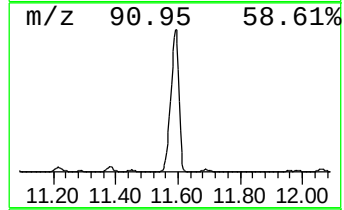
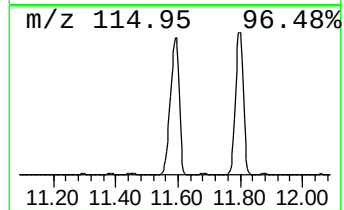
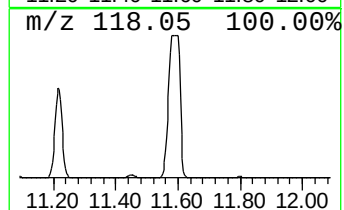
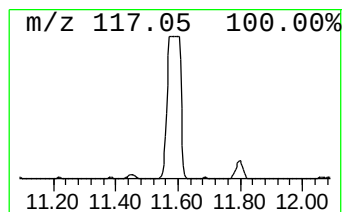
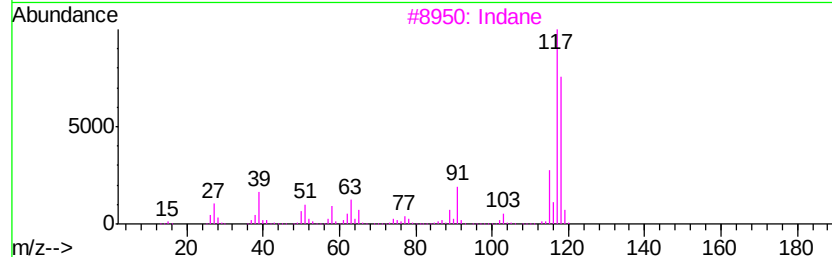
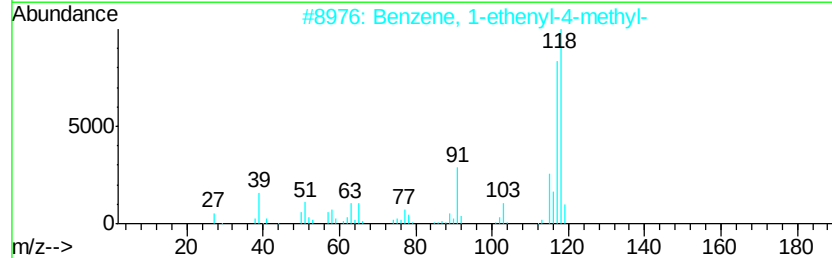
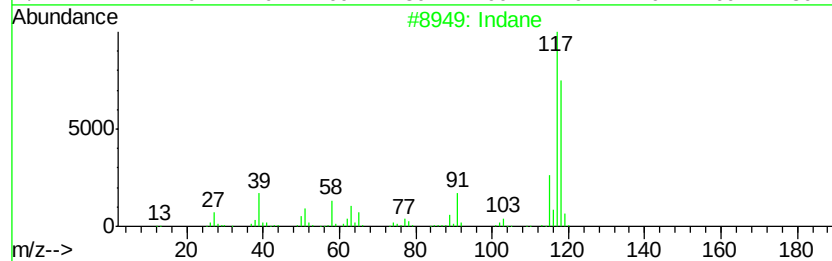
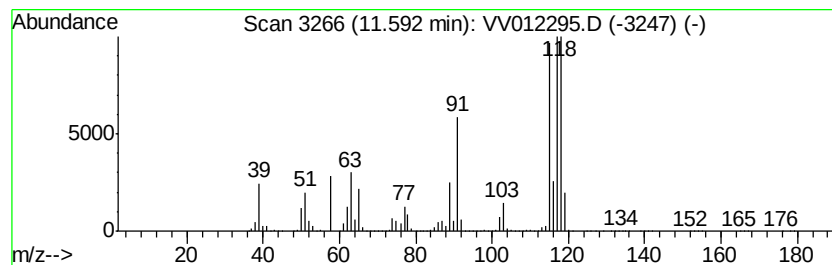
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	490.42 ug/L	134996000	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	92
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
3		Indane	118	C9H10	000496-11-7	64
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

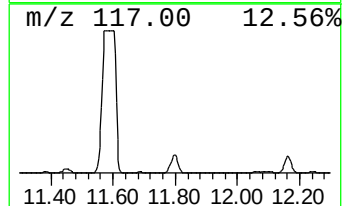
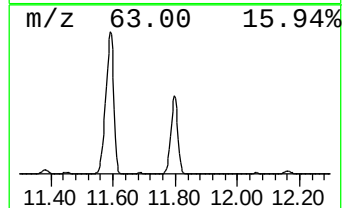
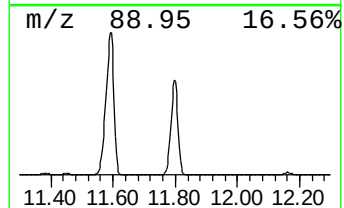
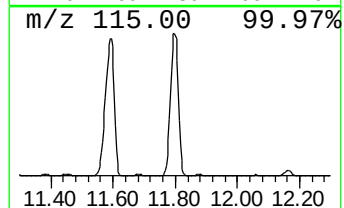
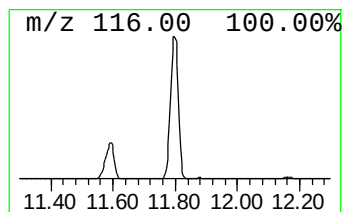
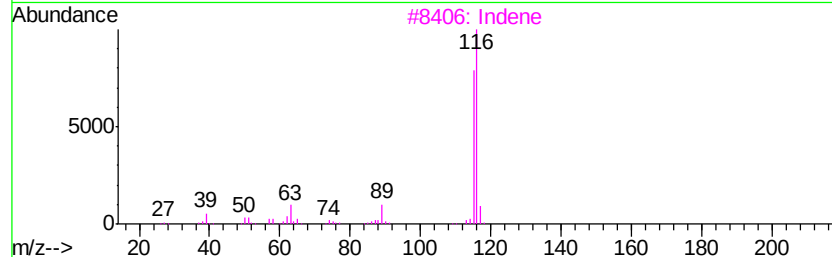
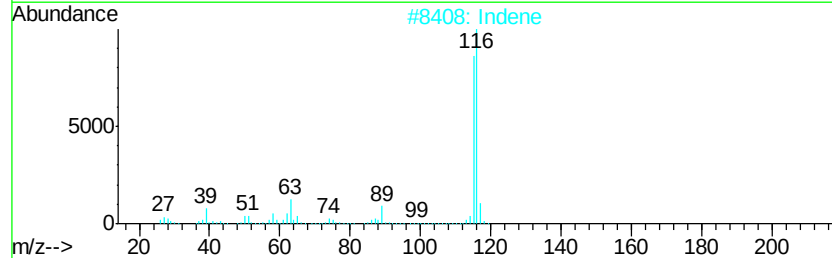
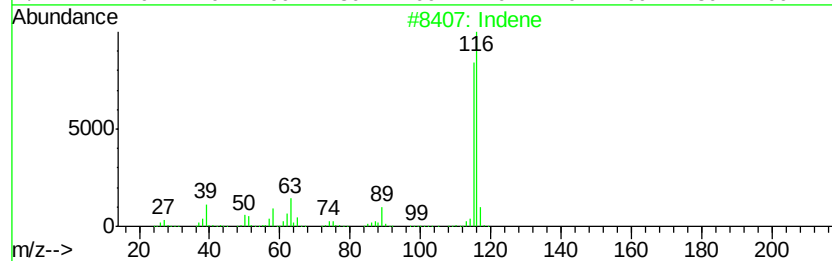
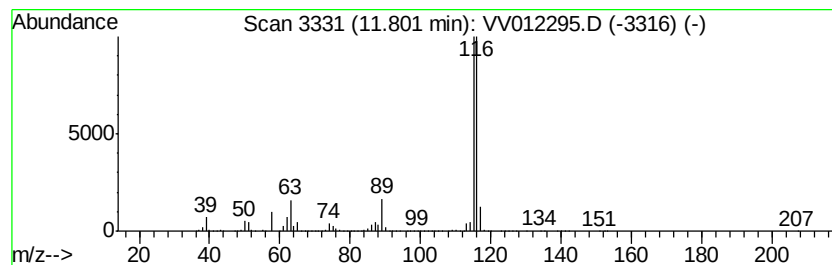
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	174.36 ug/L	47995000	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	96
3		Indene	116	C9H8	000095-13-6	93
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

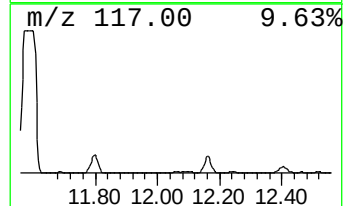
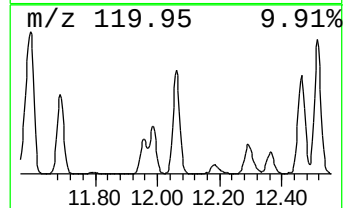
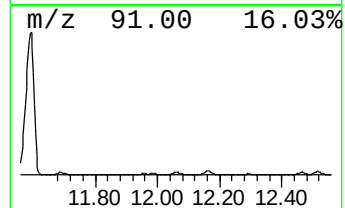
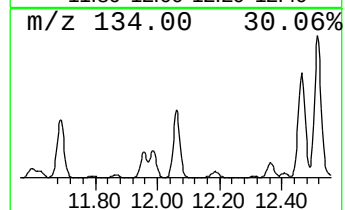
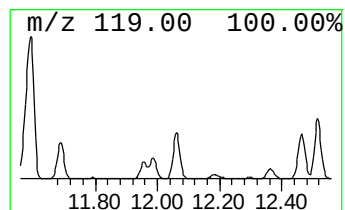
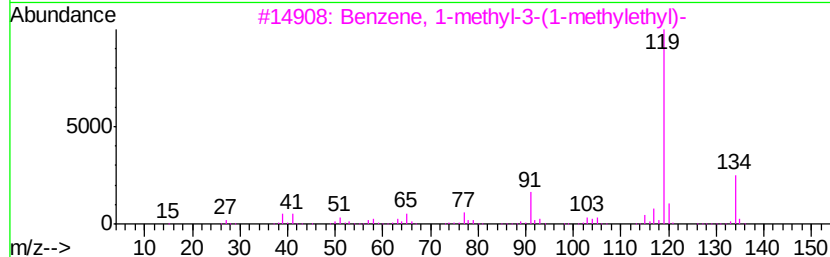
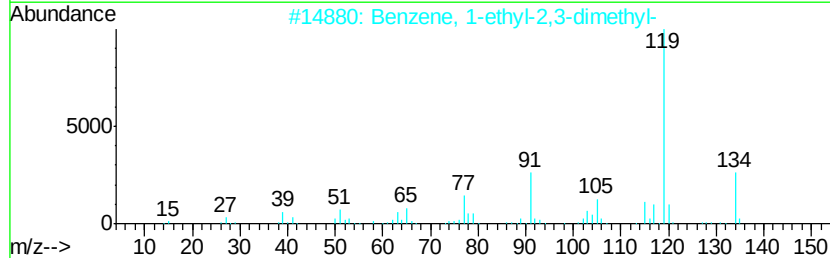
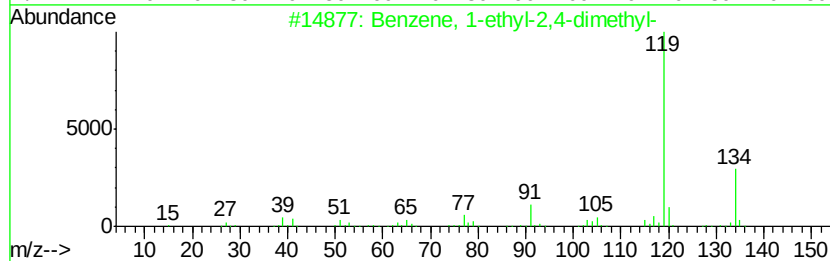
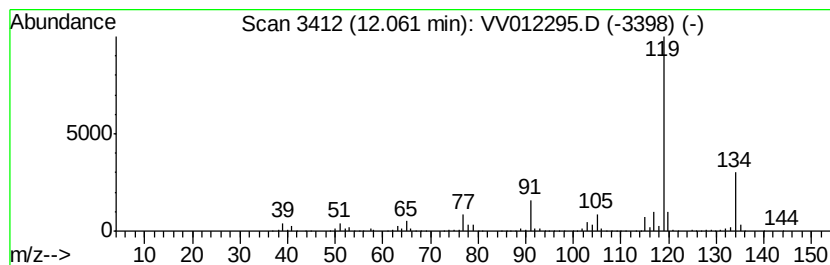
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	8.13 ug/L	2238670	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	95
4		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

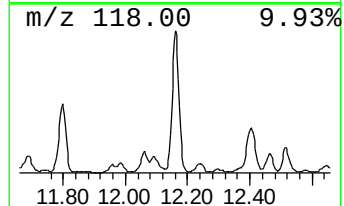
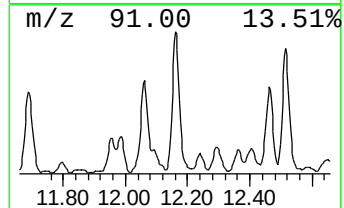
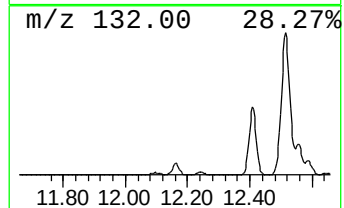
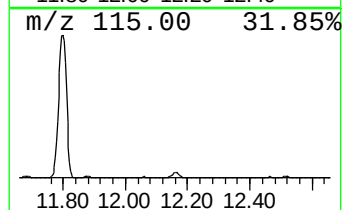
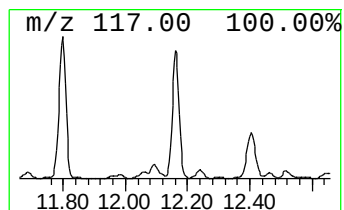
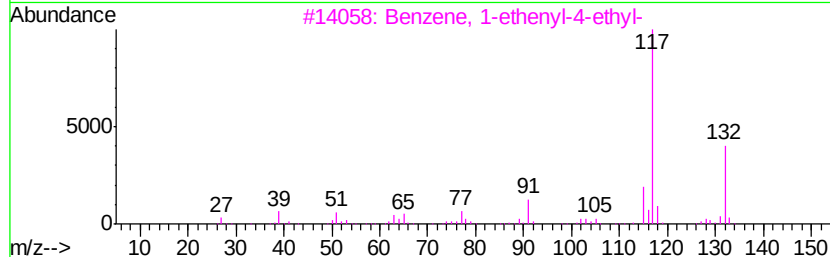
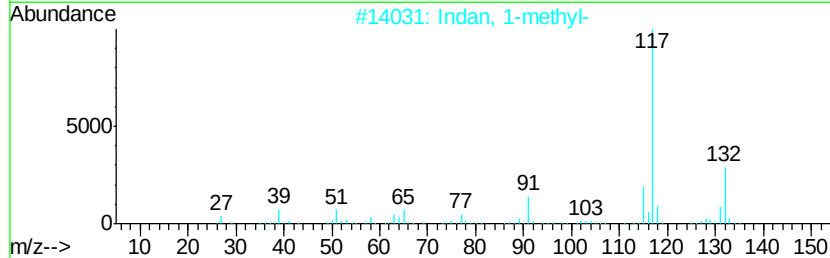
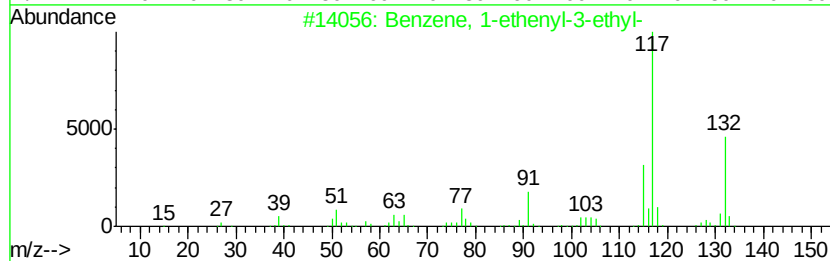
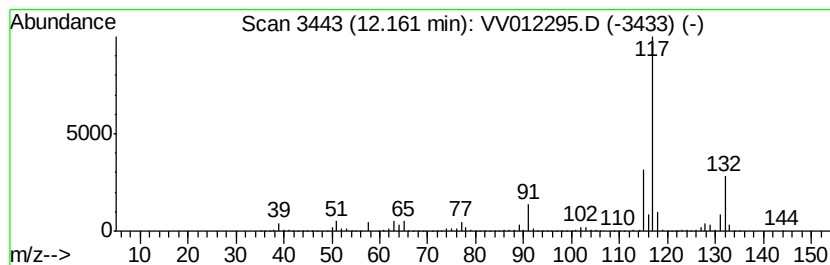
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	15.03 ug/L	4136660	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2		Indan, 1-methyl-	132	C10H12	000767-58-8	90
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

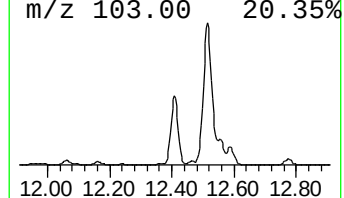
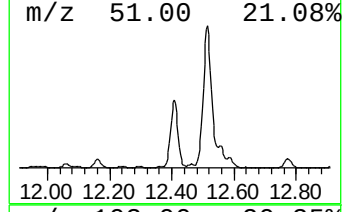
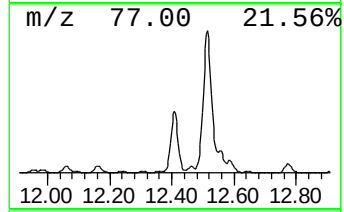
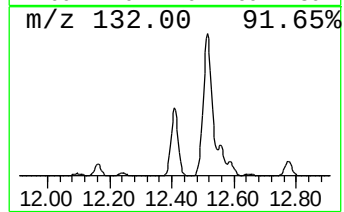
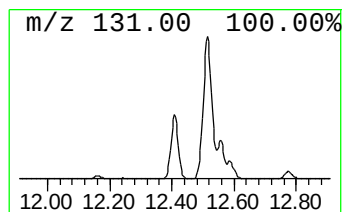
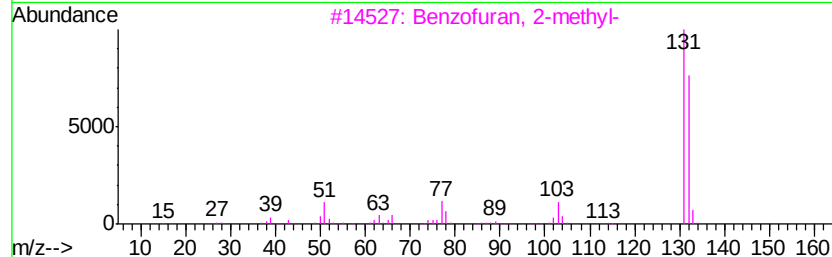
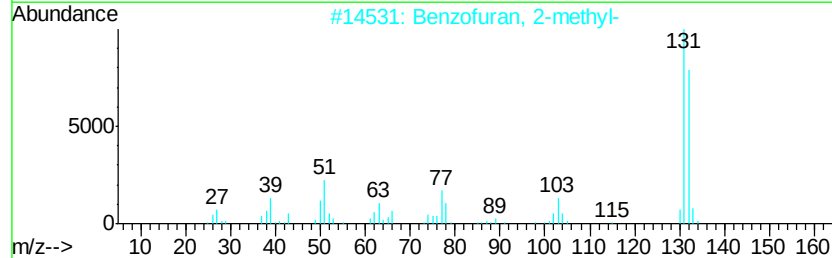
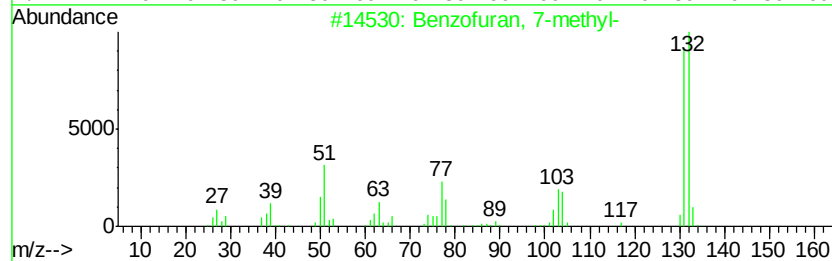
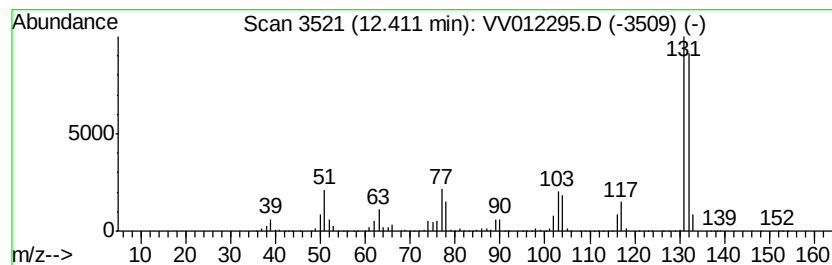
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 13 Benzofuran, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	48.83 ug/L	13442500	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

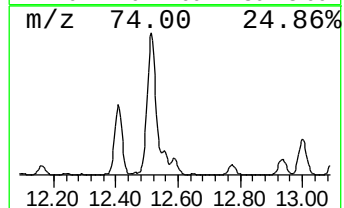
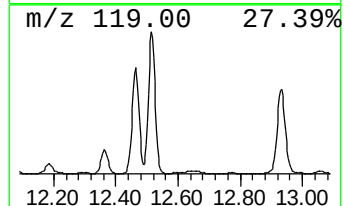
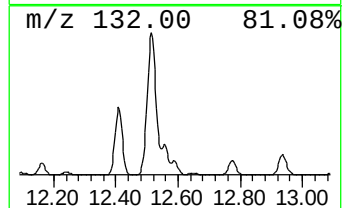
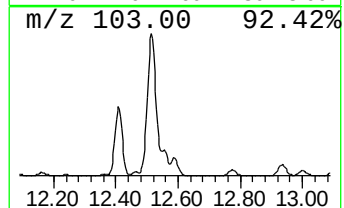
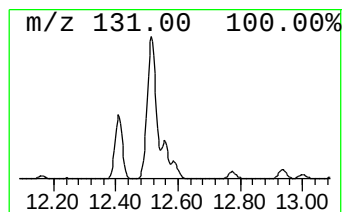
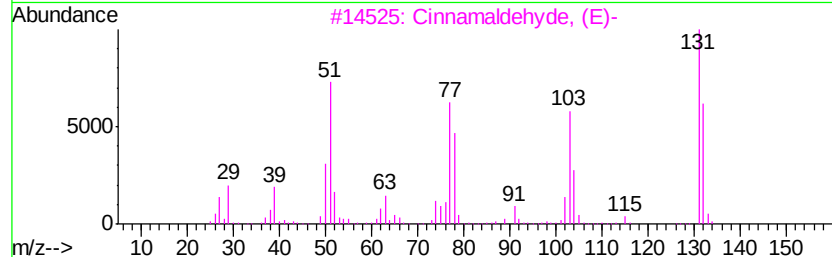
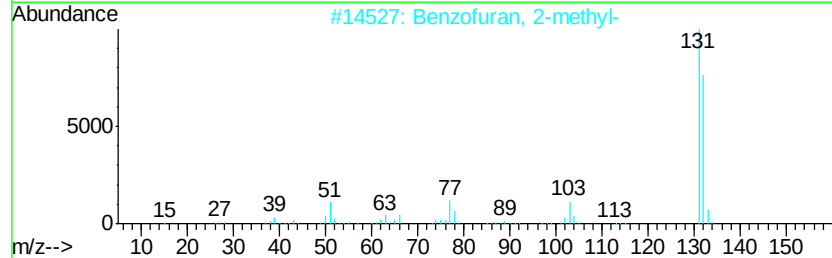
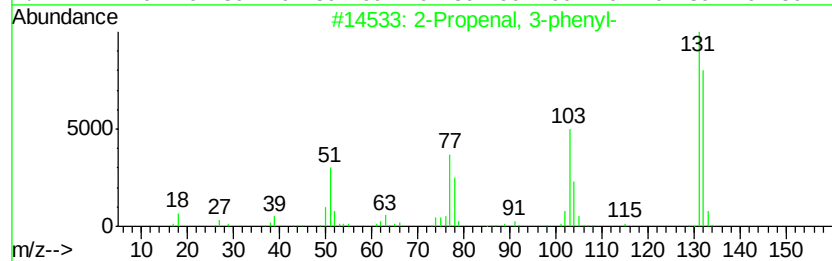
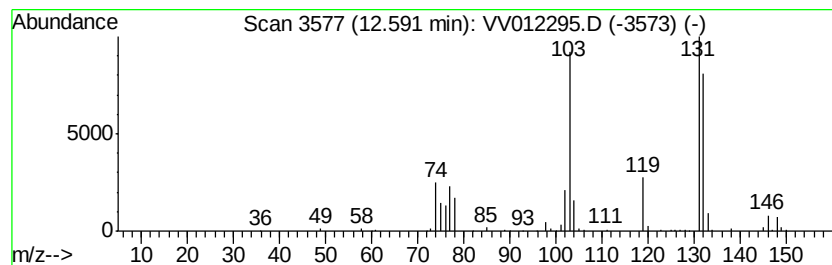
Instrument :
MSVOA_V
ClientSampleId :
C0AD2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 15 2-Propenal, 3-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	6.62 ug/L	1822990	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		2-Propenal, 3-phenyl-	132 C9H8O	000104-55-2 91
2		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 91
3		Cinnamaldehyde, (E)-	132 C9H8O	014371-10-9 91
4		Benzofuran, 2-methyl-	132 C9H8O	004265-25-2 90
5		Cinnamaldehyde, (E)-	132 C9H8O	014371-10-9 90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

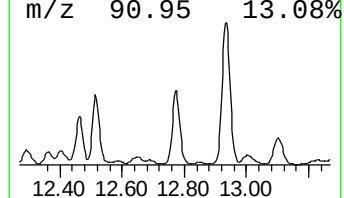
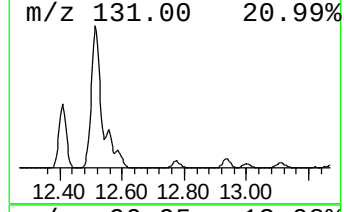
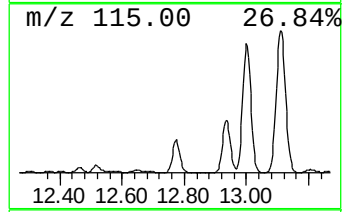
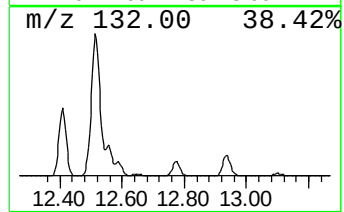
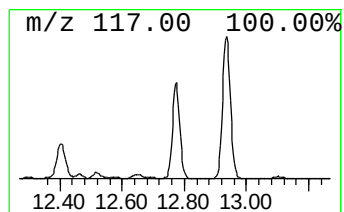
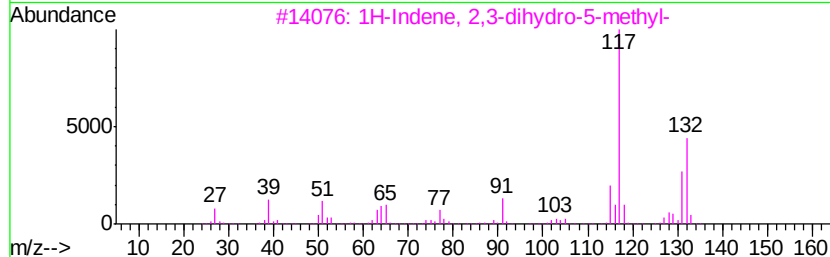
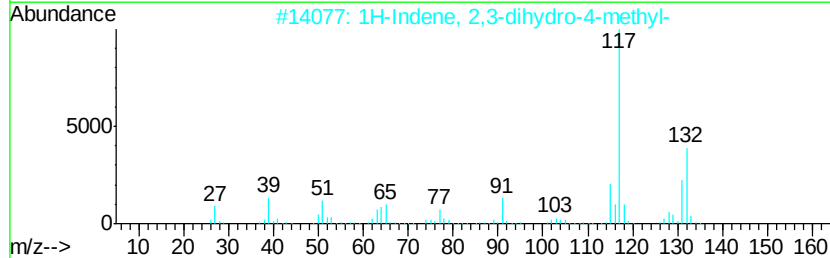
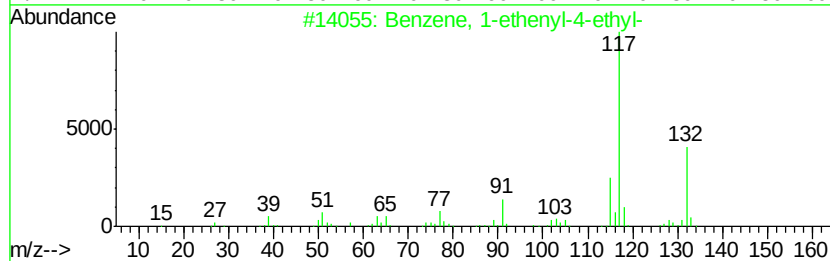
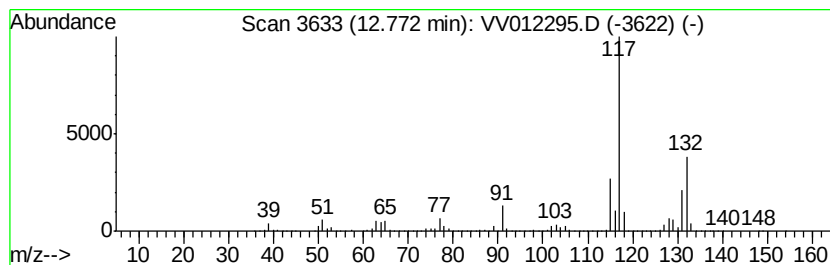
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 16 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	17.98 ug/L	4948800	1,4-Dichlorobenzene-d4	11.30

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-4-methyl-	132	C10H12	000824-22-6	94
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

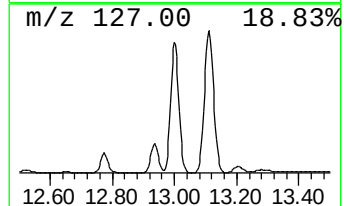
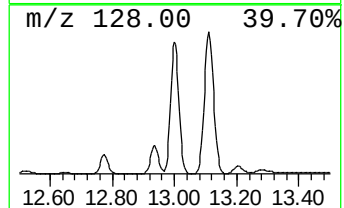
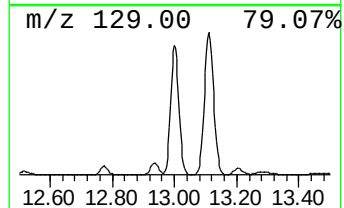
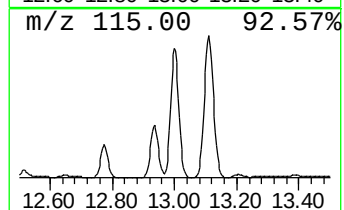
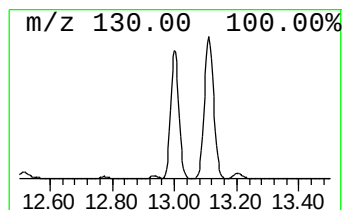
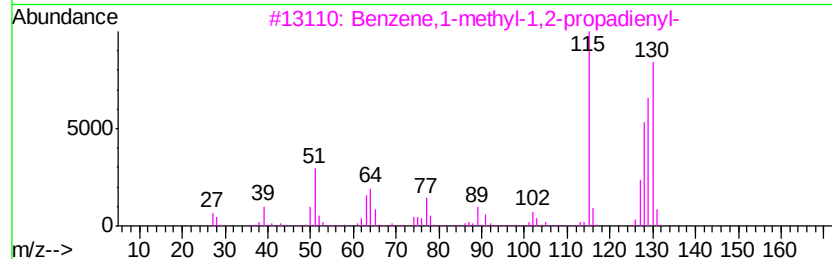
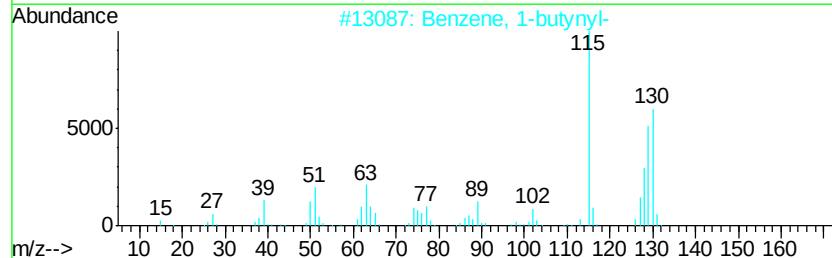
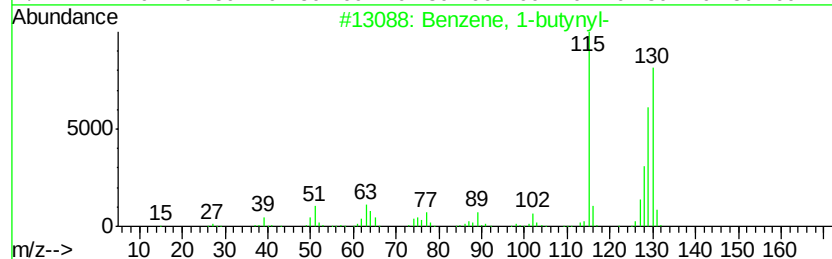
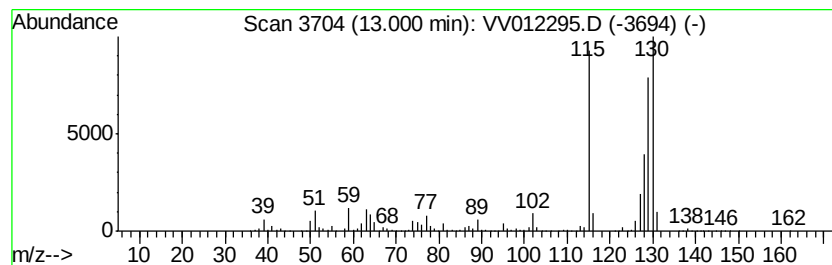
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 18 Benzene, 1-butynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	41.36 ug/L	11383700	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
2		Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
3		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

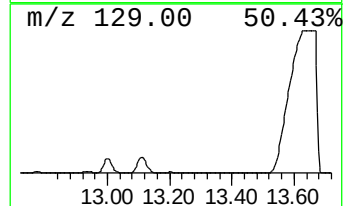
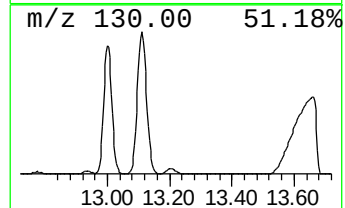
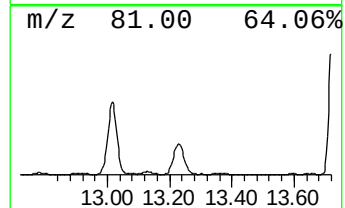
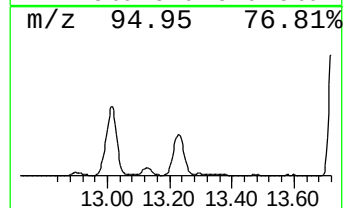
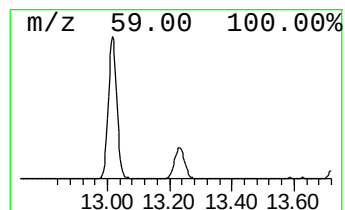
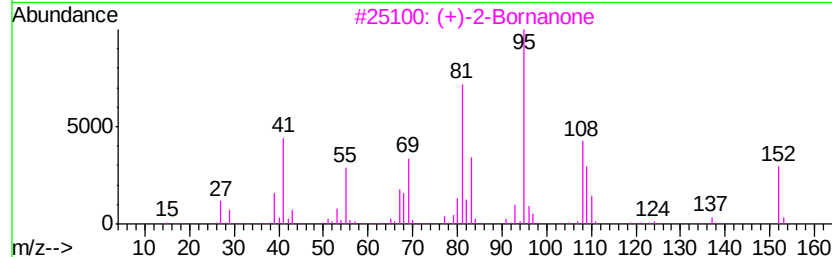
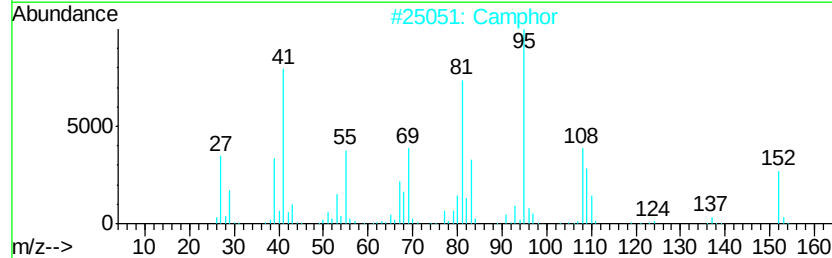
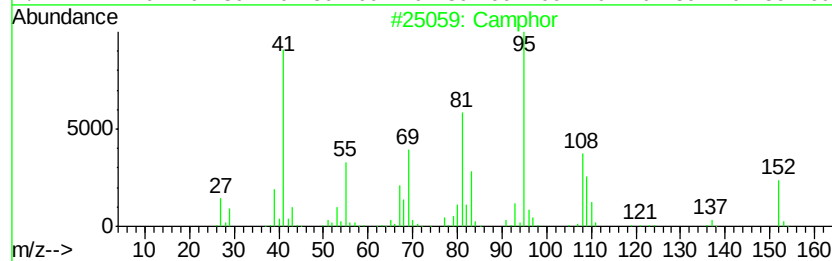
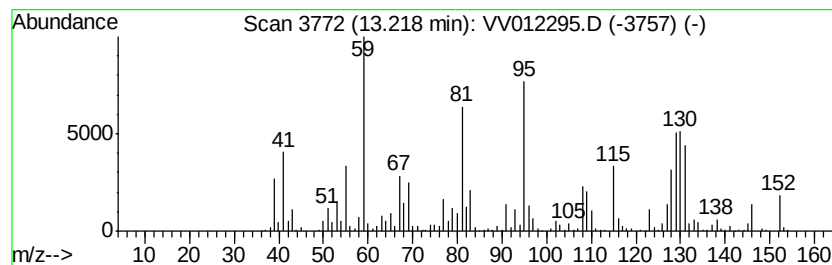
Instrument :
MSVOA_V
ClientSampleId :
C0AD2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 20 Camphor Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	5.46 ug/L	1501860	1,4-Dichlorobenzene-d4	11.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Camphor		152 C10H16O	000076-22-2 53
2	Camphor		152 C10H16O	000076-22-2 25
3	(+)-2-Bornanone		152 C10H16O	000464-49-3 25
4	(+)-2-Bornanone		152 C10H16O	000464-49-3 25
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...		152 C10H16O	000464-48-2 25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

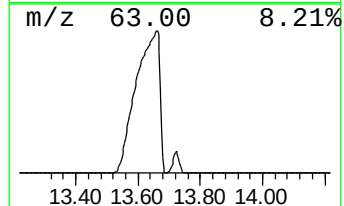
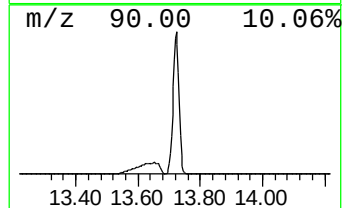
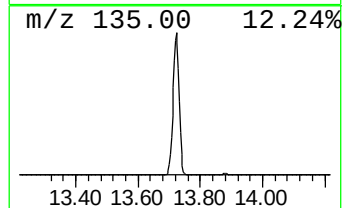
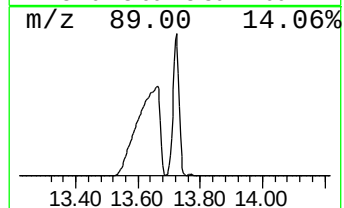
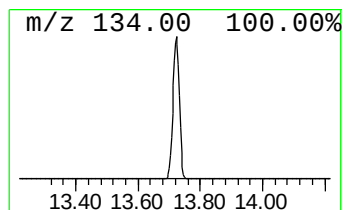
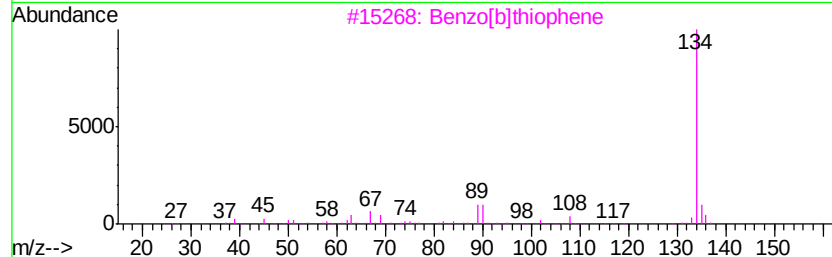
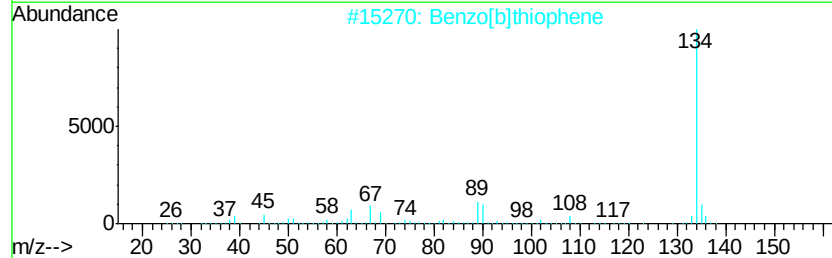
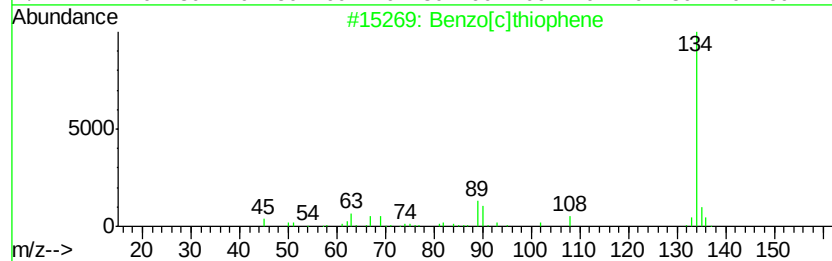
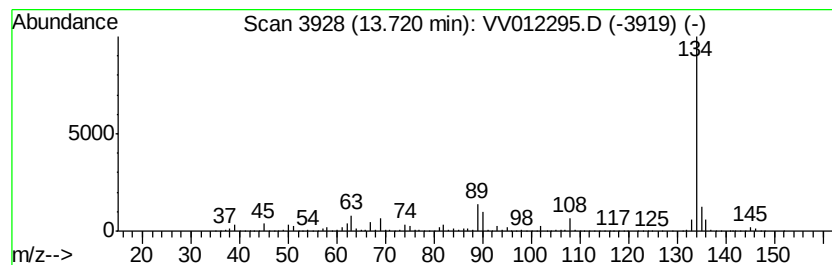
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 21 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	101.39 ug/L	27908900	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
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	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012295.D
Acq On : 19 Aug 2019 23:36
Operator : SY/MD
Sample : K4373-14
Misc : 25mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AD2

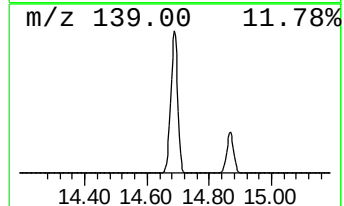
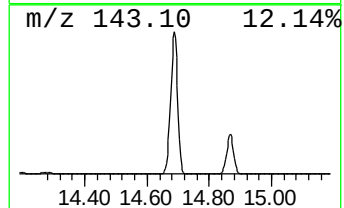
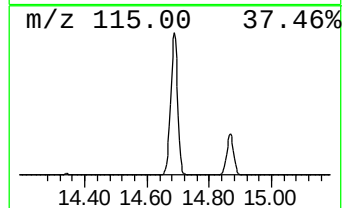
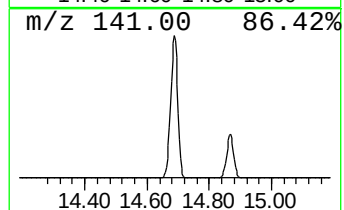
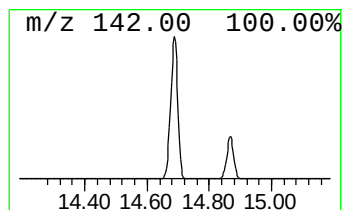
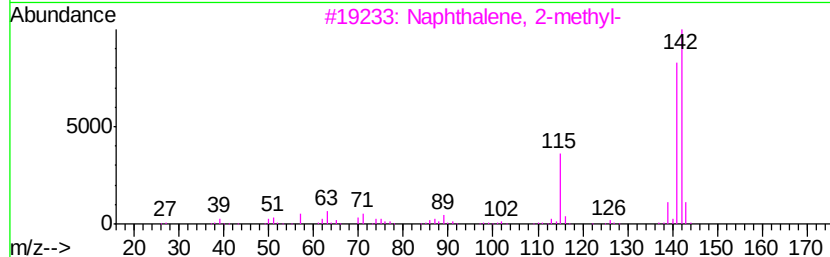
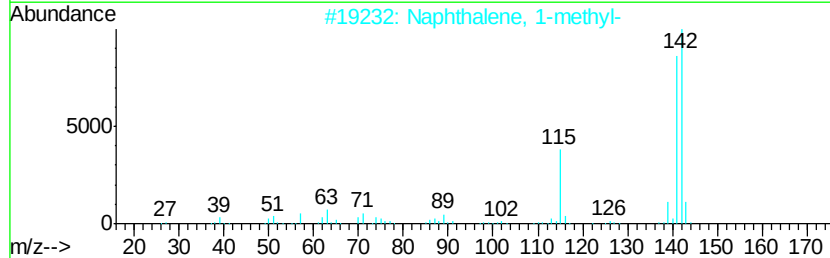
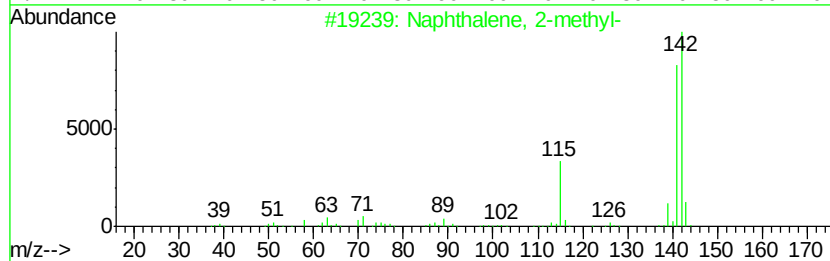
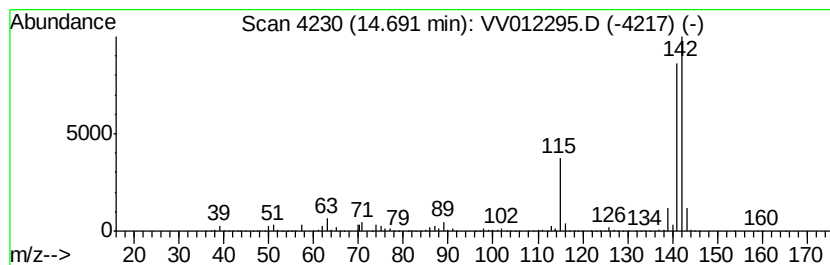
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	95.88 ug/L	26393200	1,4-Dichlorobenzene-d4	11.30

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
 Data File : VV012295.D
 Acq On : 19 Aug 2019 23:36
 Operator : SY/MD
 Sample : K4373-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.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, 1-ethyl-...	10.49	22.3	ug/L	6131050	3	11.30	1376330	5.0
Benzene, 1,2,3-tr...	10.58	19.8	ug/L	5460360	3	11.30	1376330	5.0
Benzene, 1-etheny...	11.03	10.7	ug/L	2952680	3	11.30	1376330	5.0
Benzofuran	11.22	92.6	ug/L	25497500	3	11.30	1376330	5.0
(Z)-1-Phenylpropene	11.45	5.3	ug/L	1469510	3	11.30	1376330	5.0
Indane	11.59	490.4	ug/L	134996000	3	11.30	1376330	5.0
Indene	11.80	174.4	ug/L	47995000	3	11.30	1376330	5.0
Benzene, 1-ethyl-...	12.06	8.1	ug/L	2238670	3	11.30	1376330	5.0
Benzene, 1-etheny...	12.16	15.0	ug/L	4136660	3	11.30	1376330	5.0
Benzofuran, 7-met...	12.41	48.8	ug/L	13442500	3	11.30	1376330	5.0
2-Propenal, 3-phe...	12.59	6.6	ug/L	1822990	3	11.30	1376330	5.0
Benzene, 1-etheny...	12.77	18.0	ug/L	4948800	3	11.30	1376330	5.0
Benzene, 1-butyryl-	13.00	41.4	ug/L	11383700	3	11.30	1376330	5.0
Camphor	13.22	5.5	ug/L	1501860	3	11.30	1376330	5.0
Benzo[c]thiophene	13.72	101.4	ug/L	27908900	3	11.30	1376330	5.0
Naphthalene, 1-me...	14.69	95.9	ug/L	26393200	3	11.30	1376330	5.0