

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016185.D
 Acq On : 22 May 2020 20:51
 Operator : SY/MD
 Sample : L2756-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKW8

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\SOMVTR050720WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.135	310	325	375	rBV	14053657	31388640	10.12%	1.684%
2	2.524	431	446	511	rVB	26489803	58867881	18.98%	3.158%
3	2.788	512	528	575	rBV2	2310393	7551840	2.43%	0.405%
4	3.068	599	615	639	rVB	4152092	9352543	3.02%	0.502%
5	3.229	642	665	726	rBV	13127050	42799193	13.80%	2.296%
6	3.807	821	845	868	rBV	5533468	19978239	6.44%	1.072%
7	3.978	868	898	909	rBV5	59682374	310145665	100.00%	16.640%
8	4.711	1086	1126	1152	rBV5	58081842	274771114	88.59%	14.742%
9	5.145	1231	1261	1277	rBV	7423216	16719904	5.39%	0.897%
10	5.949	1494	1511	1547	rVB	6428596	13078896	4.22%	0.702%
11	6.167	1550	1579	1595	rBV	3913727	8789327	2.83%	0.472%
12	7.302	1912	1932	1954	rBV	3046331	8531322	2.75%	0.458%
13	7.482	1954	1988	2009	rVB3	65493121	292877087	94.43%	15.713%
14	9.058	2459	2478	2498	rBV2	43239253	89485931	28.85%	4.801%
15	9.199	2499	2522	2541	rVV3	62394292	159254645	51.35%	8.544%
16	9.592	2626	2644	2671	rVB6	42264113	90396839	29.15%	4.850%
17	10.379	2878	2889	2902	rBV	4201632	6256109	2.02%	0.336%
18	10.479	2902	2920	2925	rBV	13639669	23617785	7.62%	1.267%
19	10.569	2937	2948	2965	rVB	11517948	17148908	5.53%	0.920%
20	10.765	3000	3009	3016	rBV	4984926	7895202	2.55%	0.424%
21	10.952	3046	3067	3077	rBV	27675088	46666882	15.05%	2.504%
22	11.016	3077	3087	3095	rVV	17722748	26763176	8.63%	1.436%
23	11.064	3095	3102	3112	rVB	5048229	7125520	2.30%	0.382%
24	11.363	3186	3195	3205	rVV	9357113	14281155	4.60%	0.766%
25	11.424	3205	3214	3226	rVB	7183035	10585837	3.41%	0.568%
26	11.556	3242	3255	3266	rBV2	6637763	11483902	3.70%	0.616%
27	11.672	3279	3291	3302	rVB3	4123773	7071828	2.28%	0.379%
28	11.784	3312	3326	3338	rVV2	33961650	62404225	20.12%	3.348%
29	12.042	3391	3406	3413	rBV	2545459	4626833	1.49%	0.248%
30	12.222	3452	3462	3471	rVB2	2809367	4611370	1.49%	0.247%
31	12.492	3537	3546	3559	rVV2	3364920	6066222	1.96%	0.325%
32	12.617	3576	3585	3596	rBV2	1786043	3320025	1.07%	0.178%
33	12.910	3658	3676	3686	rBV2	4730741	7618273	2.46%	0.409%
34	12.977	3686	3697	3708	rVB	9454890	14562825	4.70%	0.781%

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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

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Title : TRACE VOA SOM01.0

35	13.083	3717	3730	3747	rVB	8733937	14375957	4.64%	0.771%
36	13.563	3854	3879	3895	rBV2	53381679	133396738	43.01%	7.157%

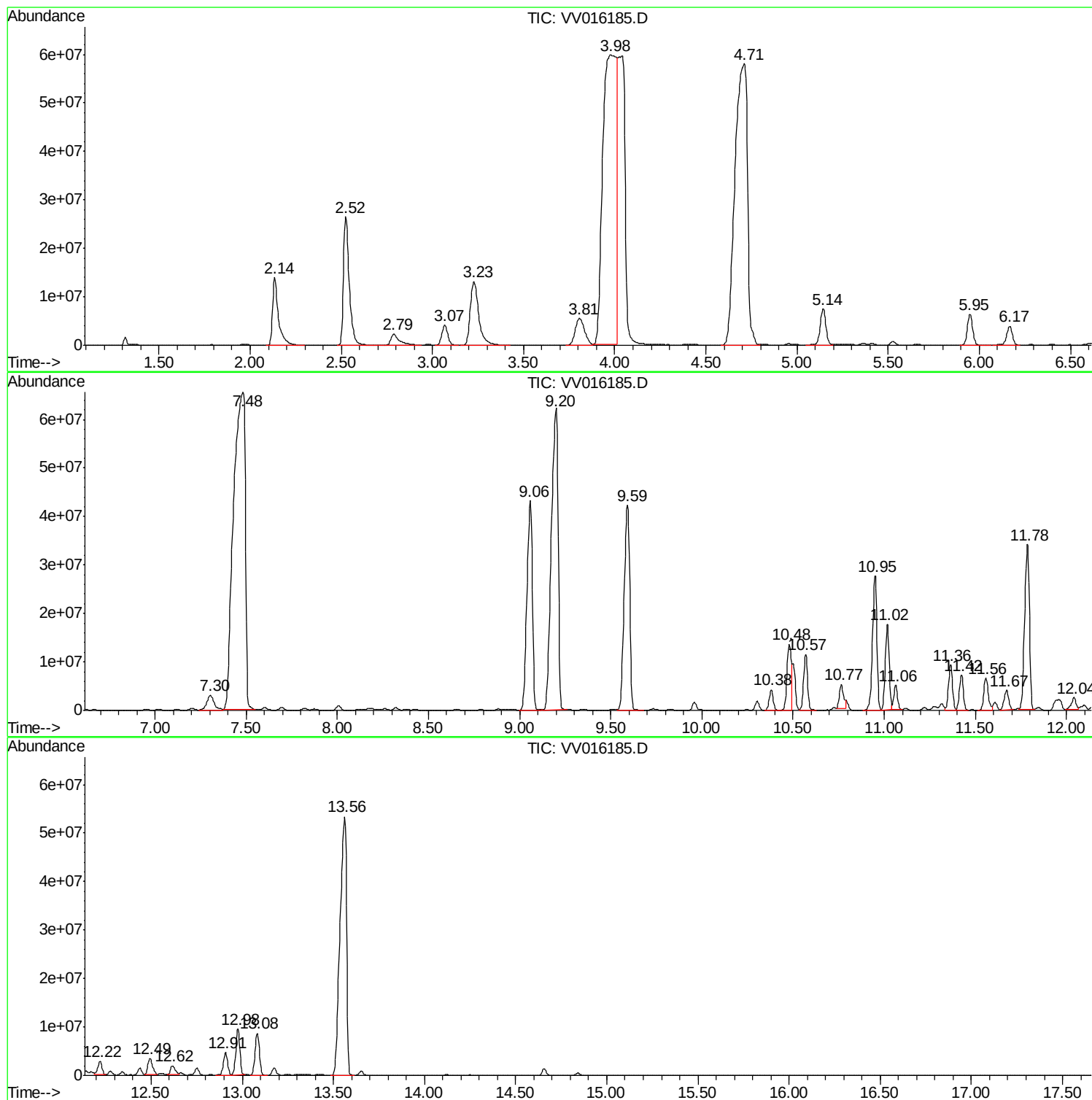
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Quant Title : TRACE VOA SOM01.0

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



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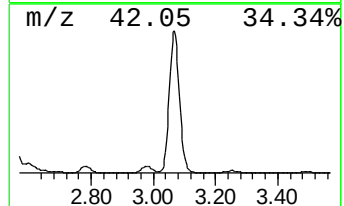
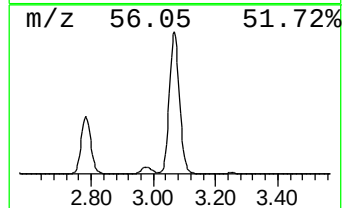
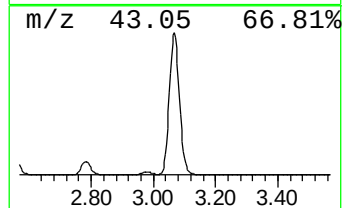
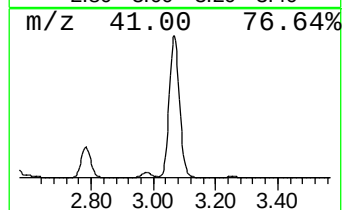
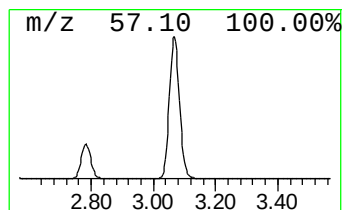
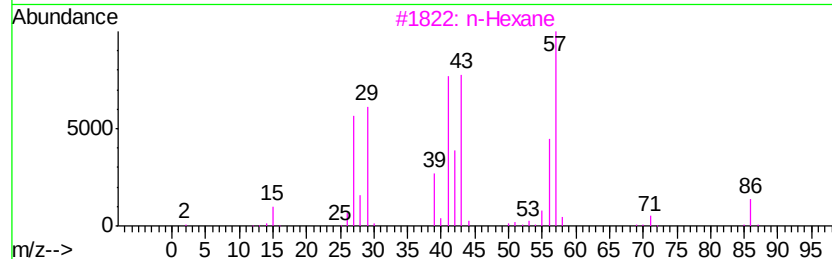
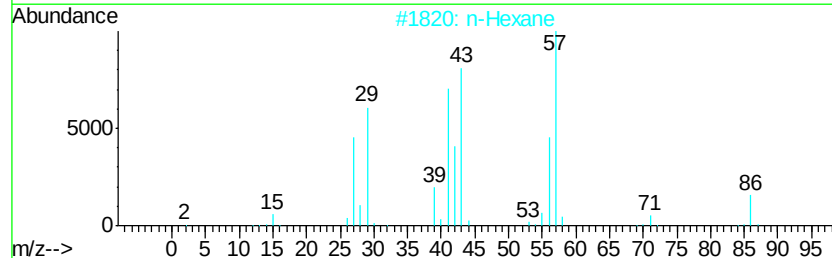
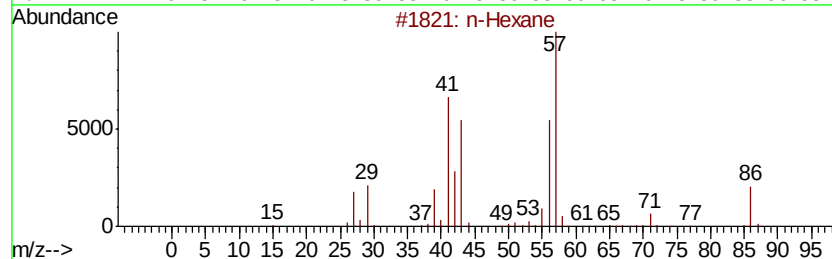
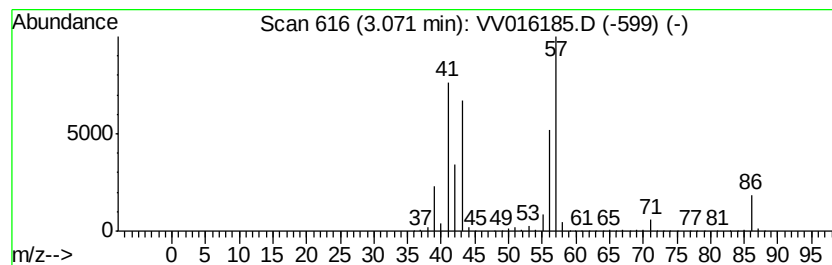
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	3.58 ug/L	9352540	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	94
2		n-Hexane	86	C6H14	000110-54-3	91
3		n-Hexane	86	C6H14	000110-54-3	83
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5		Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38



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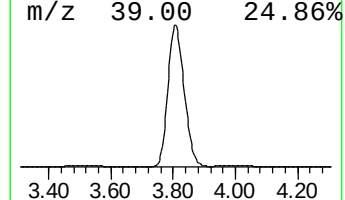
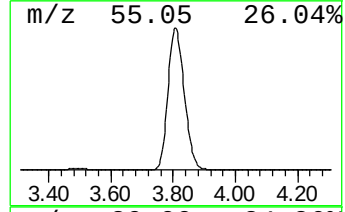
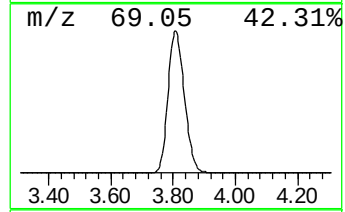
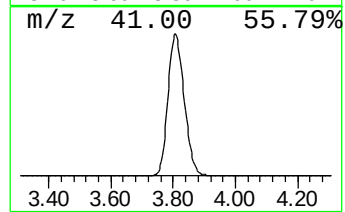
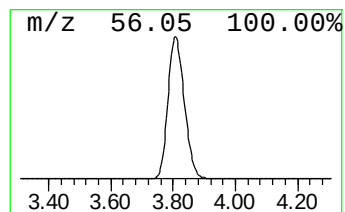
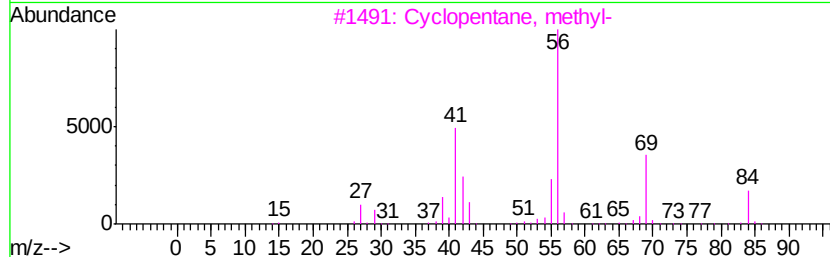
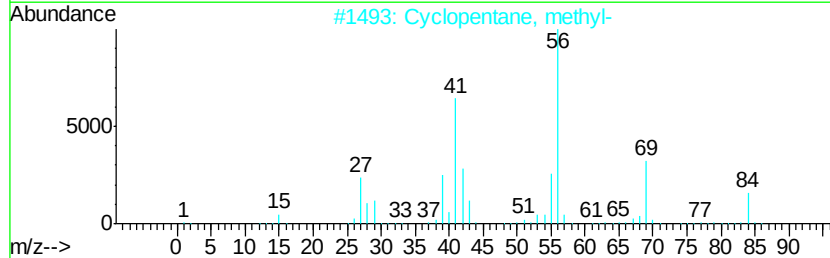
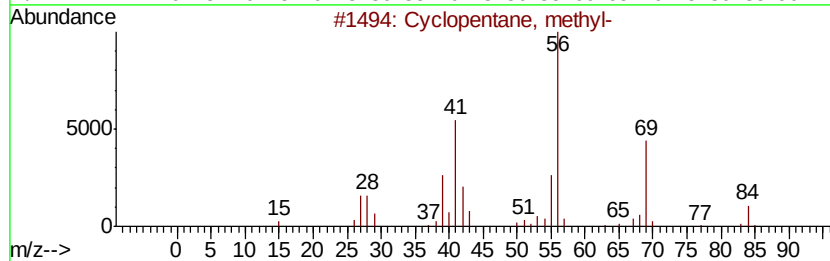
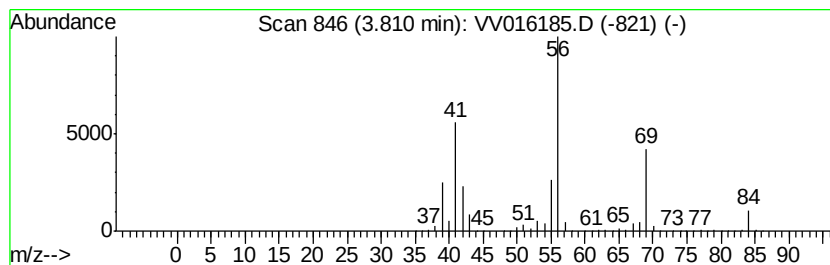
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic3.81 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.81	7.64 ug/L	19978200	1,4-Difluorobenzene	5.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cvclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cvclopentane, methyl-	84	C6H12	000096-37-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64



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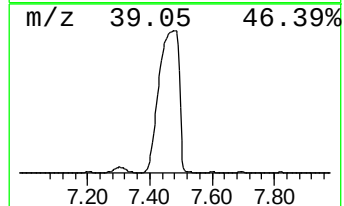
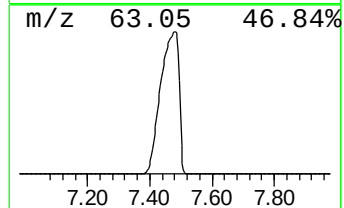
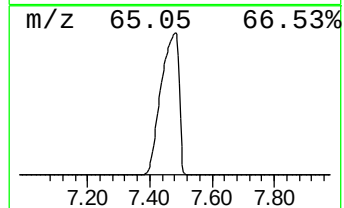
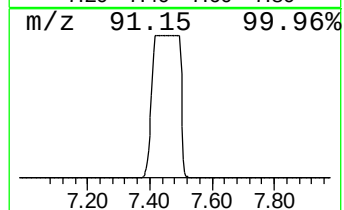
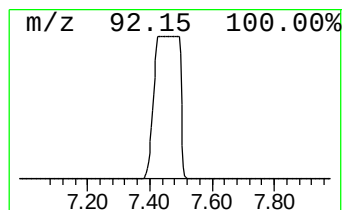
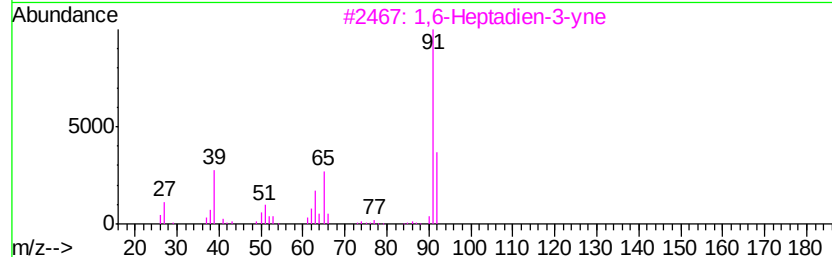
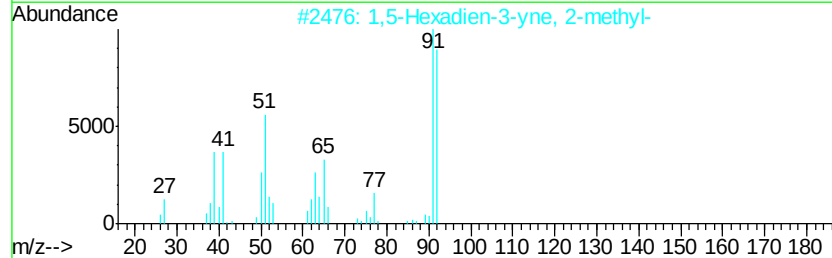
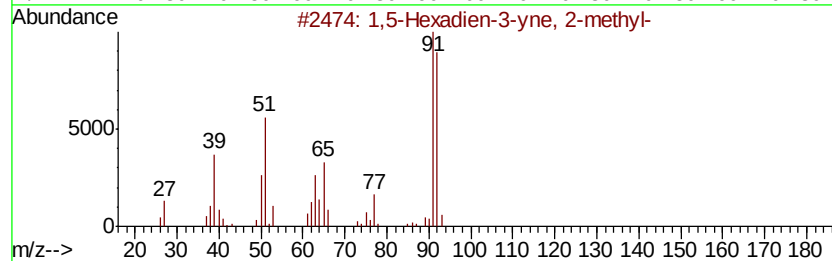
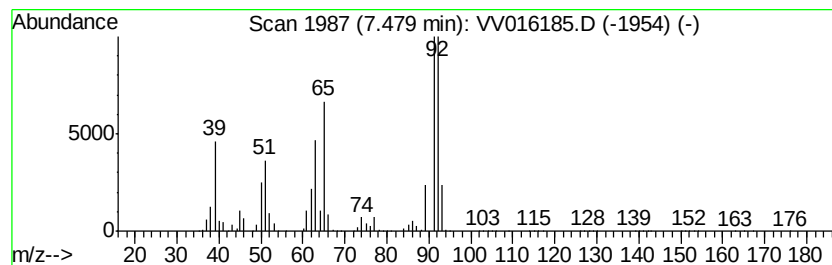
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1,5-Hexadien-3-yne, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.48	16.36 ug/L	292877000	Chlorobenzene-d5	8.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadien-3-yne, 2-methyl-	92	C7H8	000820-54-2	86
2	1,5-Hexadien-3-yne, 2-methyl-	92	C7H8	000820-54-2	80
3	1,6-Heptadien-3-yne	92	C7H8	005150-80-1	72
4	Toluene	92	C7H8	000108-88-3	72
5	1,6-Heptadien-3-yne	92	C7H8	005150-80-1	72



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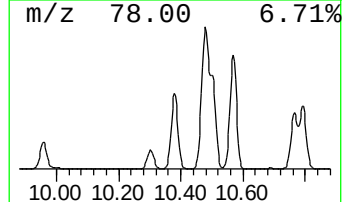
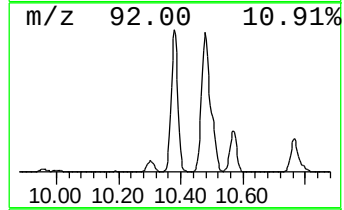
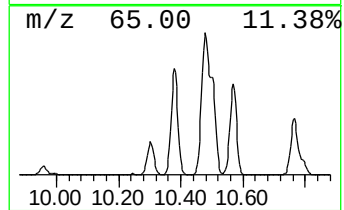
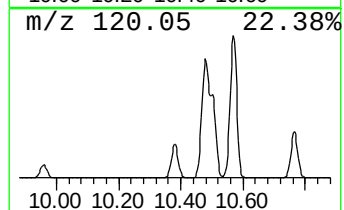
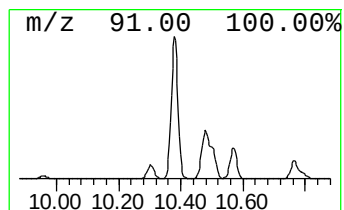
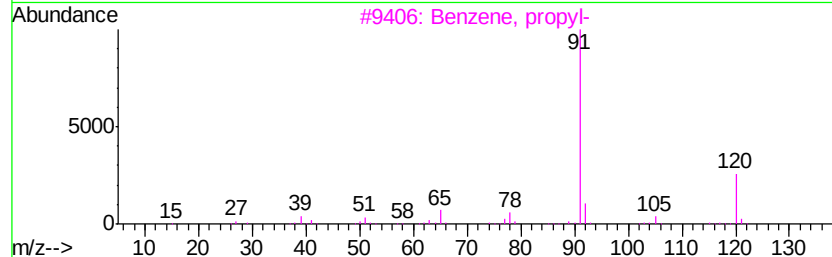
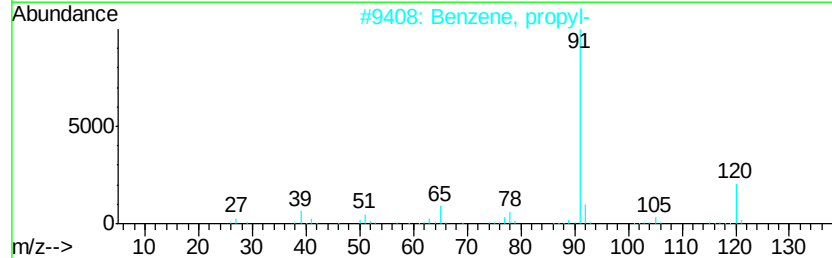
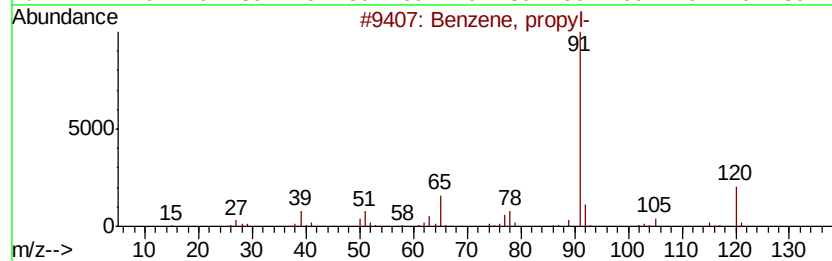
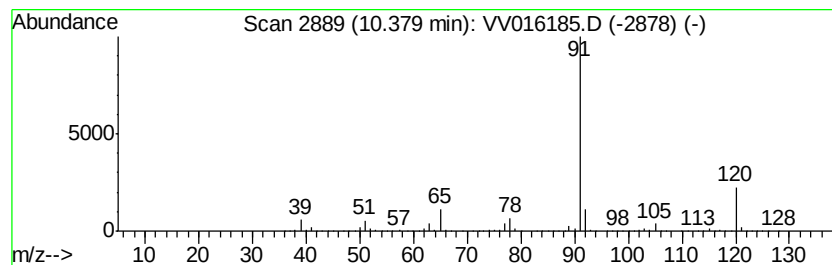
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.19 ug/L	6256110	1,4-Dichlorobenzene-d4	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 94
2		Benzene, propyl-	120 C9H12	000103-65-1 90
3		Benzene, propyl-	120 C9H12	000103-65-1 87
4		Phenethylamine, N-benzyl-p-chloro-	245 C15H16ClN	013622-43-0 72
5		Ethanol, 2-[(phenylmethyl)amino]-	151 C9H13NO	000104-63-2 72



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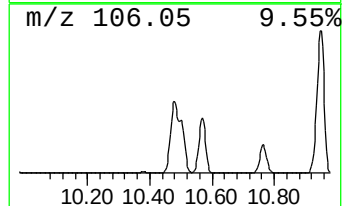
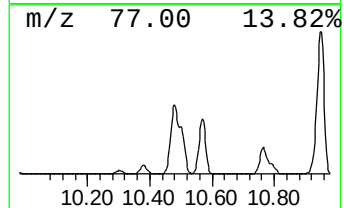
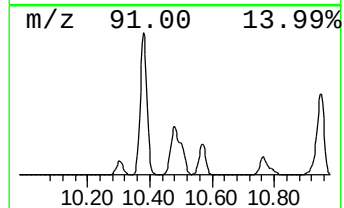
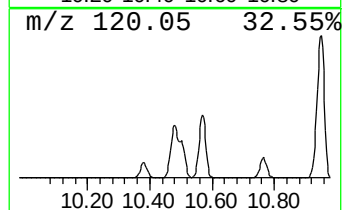
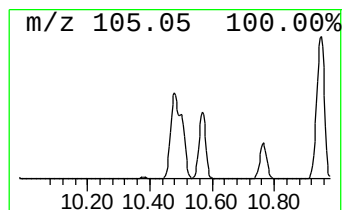
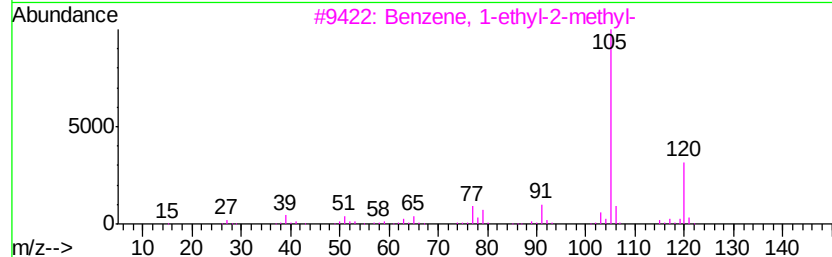
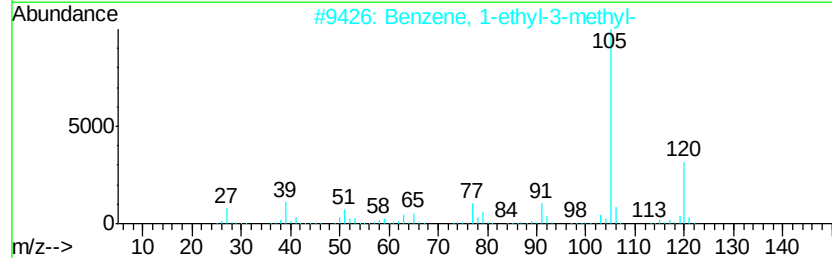
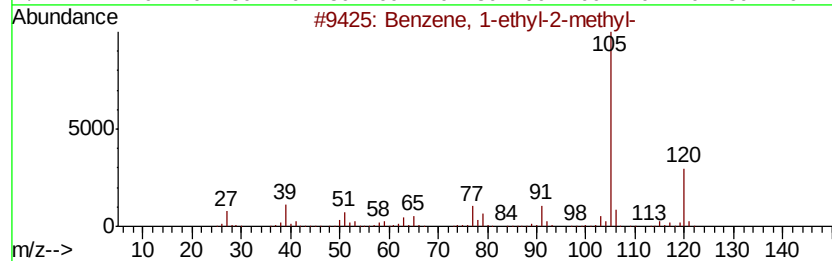
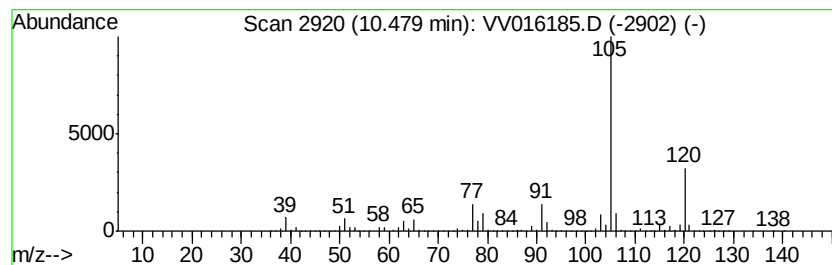
Instrument :
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ClientSampled :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	8.27 ug/L	23617800	1,4-Dichlorobenzene-d4	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3	94
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\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

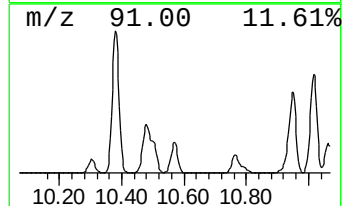
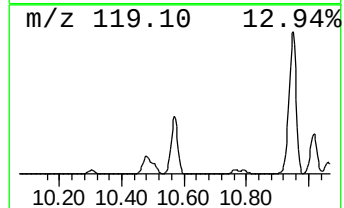
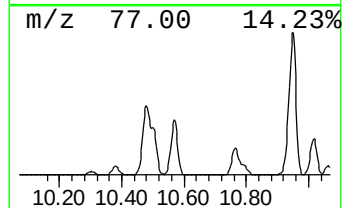
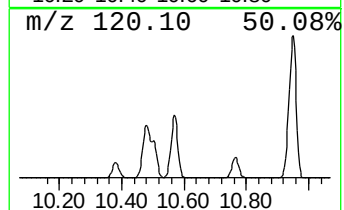
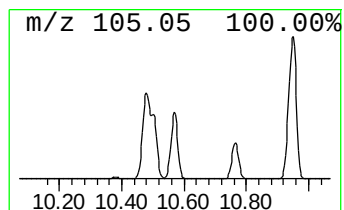
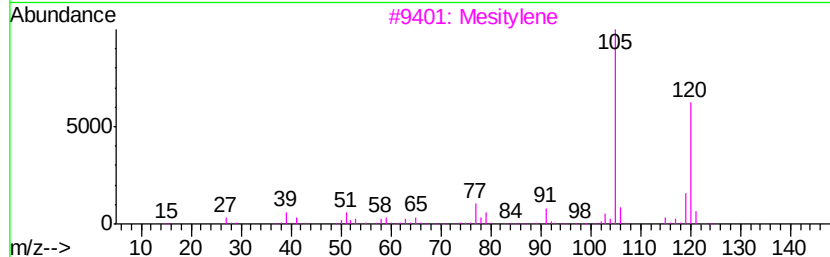
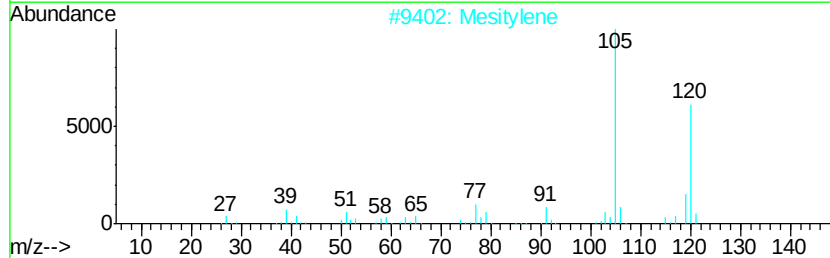
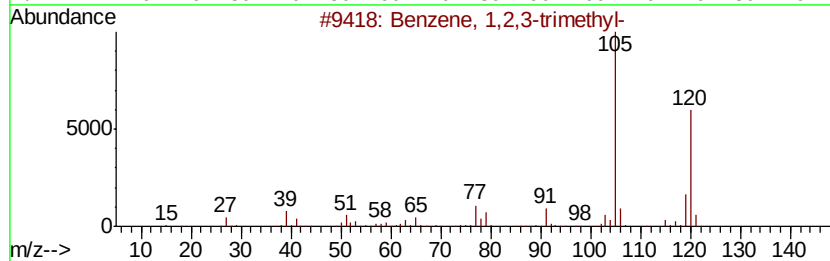
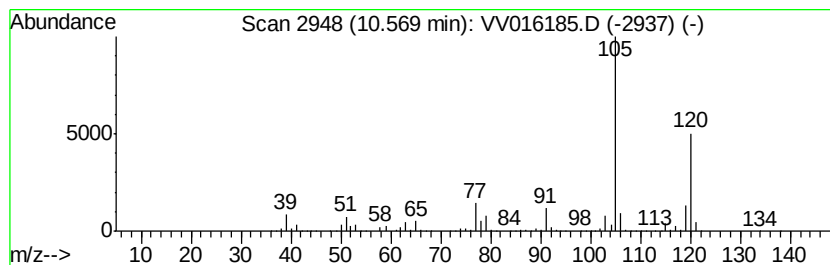
Instrument :
MSVOA_V
ClientSampleId :
ETKW8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	6.00 ug/L	17148900	1,4-Dichlorobenzene-d4	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		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		Mesitylene	120 C9H12	000108-67-8 95
5		Mesitylene	120 C9H12	000108-67-8 94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

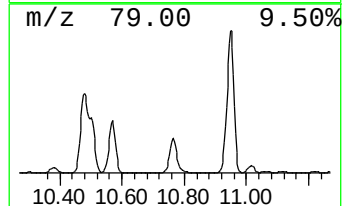
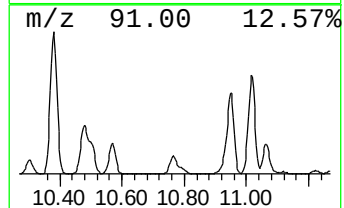
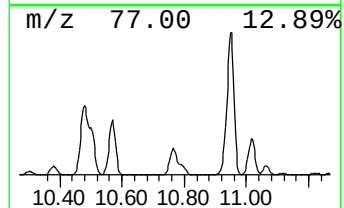
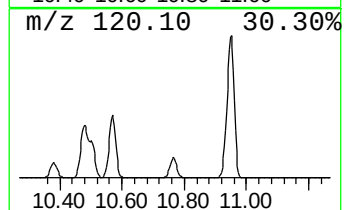
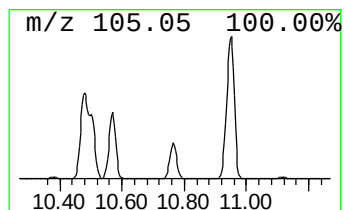
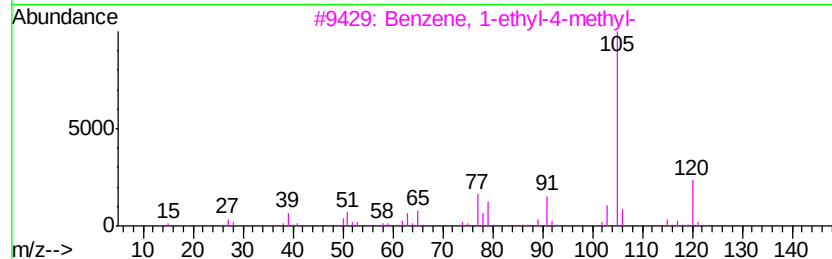
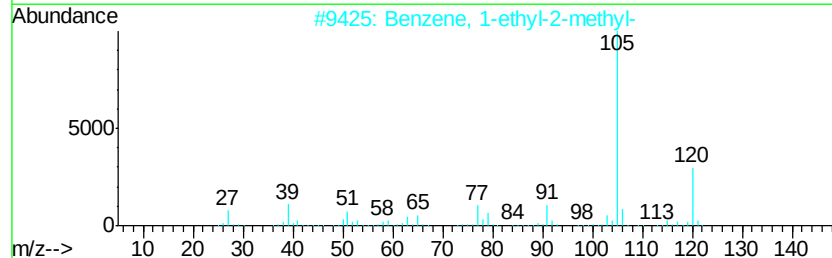
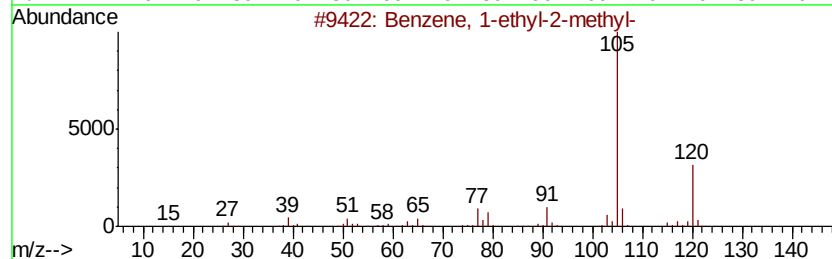
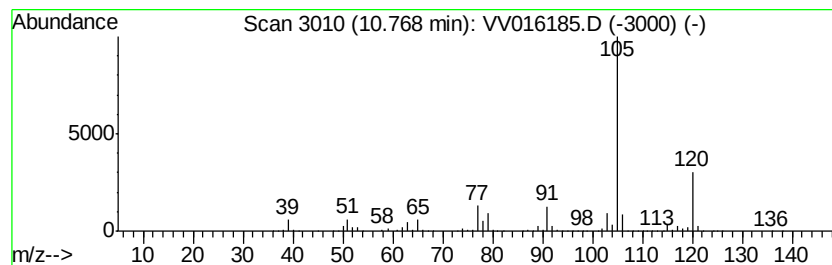
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.76 ug/L	7895200	1,4-Dichlorobenzene-d4	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 94
2		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 94
3		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 91
4		Mesitylene	120 C9H12	000108-67-8 91
5		Mesitylene	120 C9H12	000108-67-8 91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

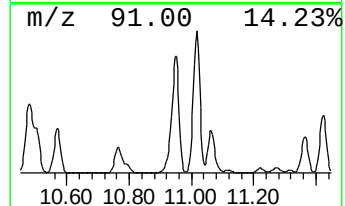
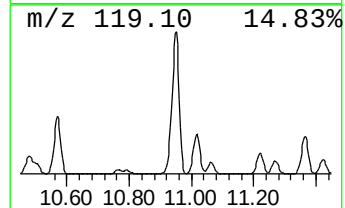
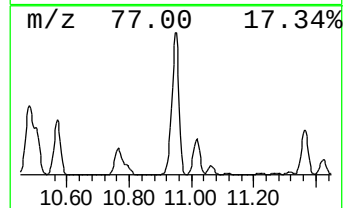
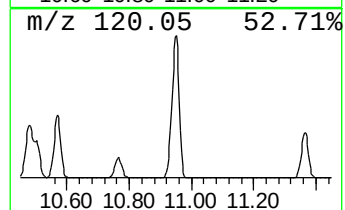
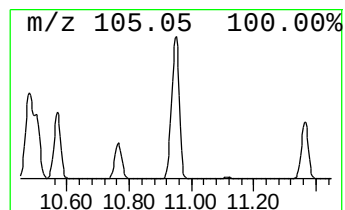
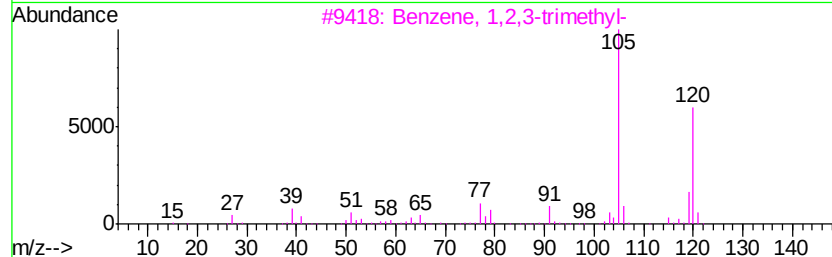
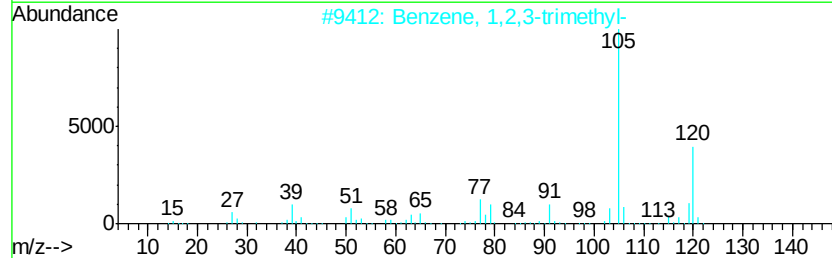
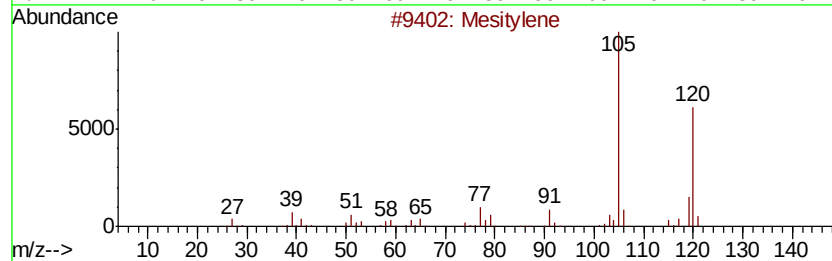
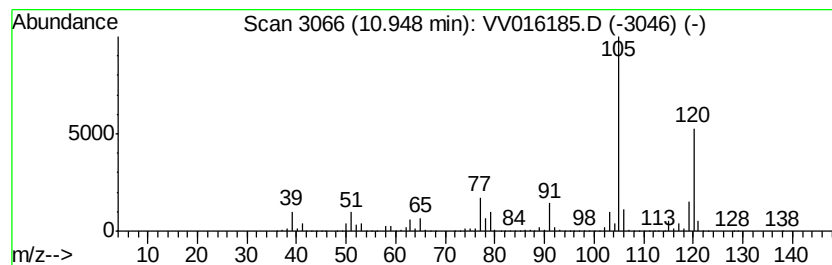
Instrument :
MSVOA_V
ClientSampleId :
ETKW8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	16.34 ug/L	46666900	1,4-Dichlorobenzene-d4	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Mesitylene	120 C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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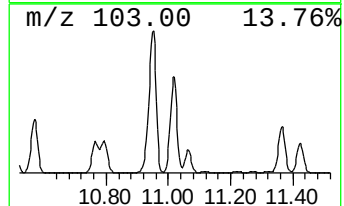
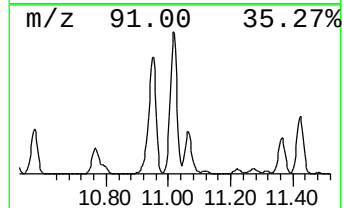
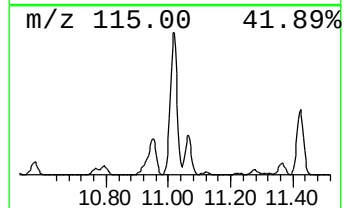
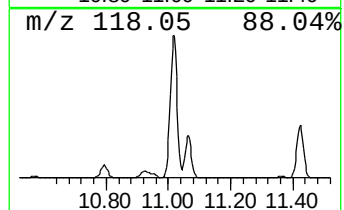
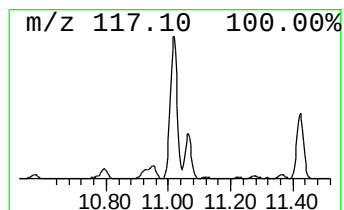
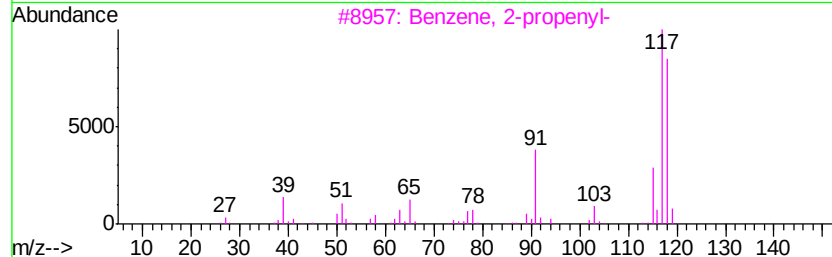
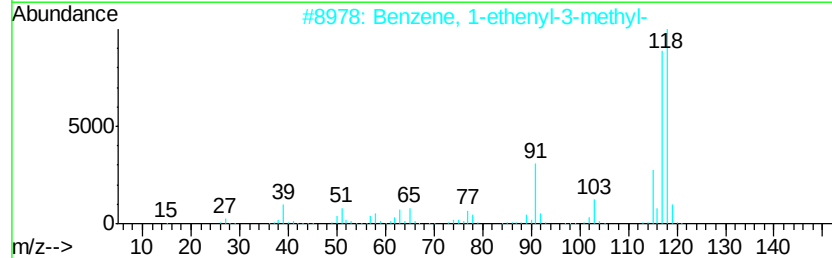
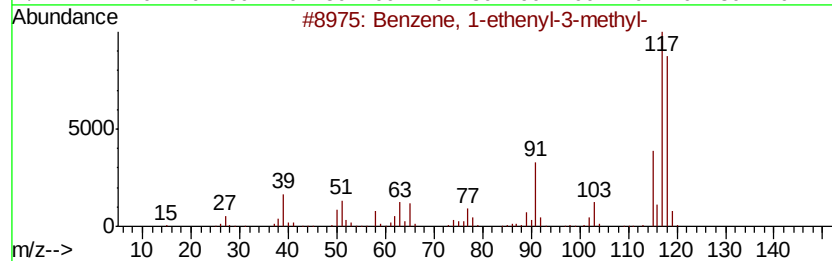
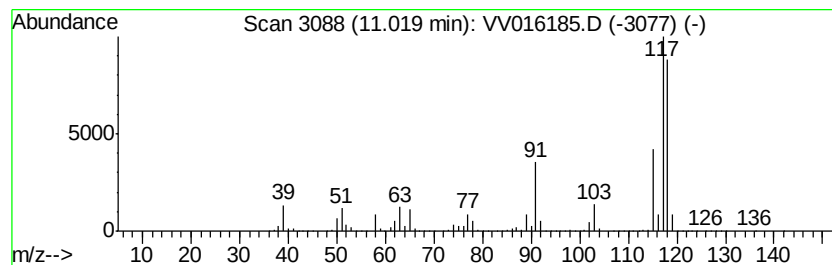
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Benzene, 1-ethenyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	9.37 ug/L	26763200	1,4-Dichlorobenzene-d4	11.28

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, 2-propenyl-	118	C9H10	000300-57-2	95
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

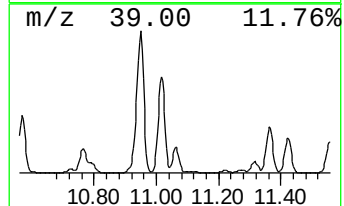
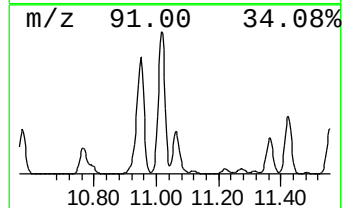
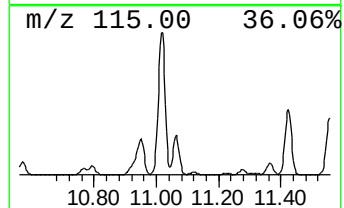
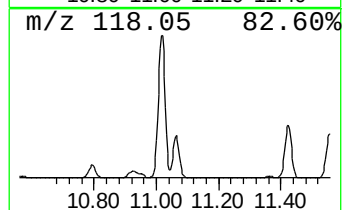
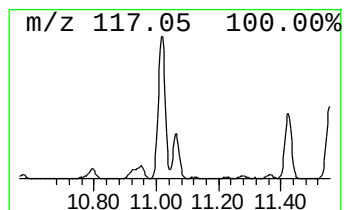
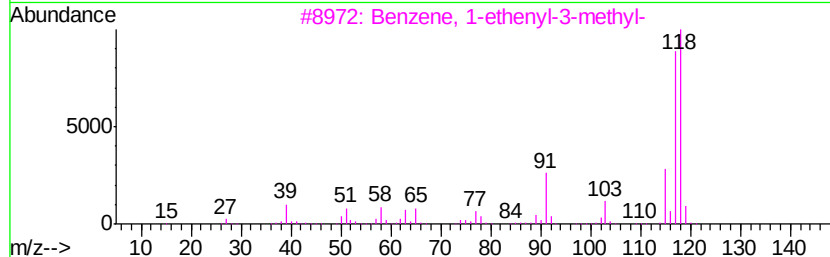
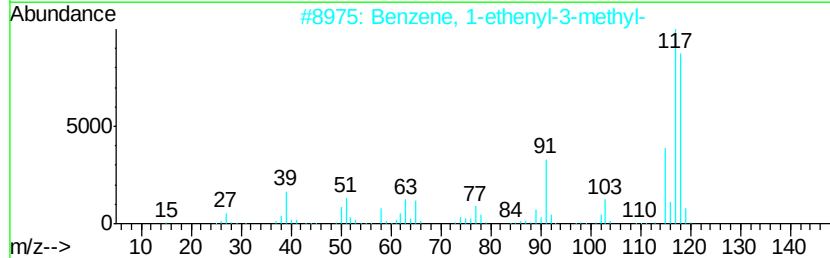
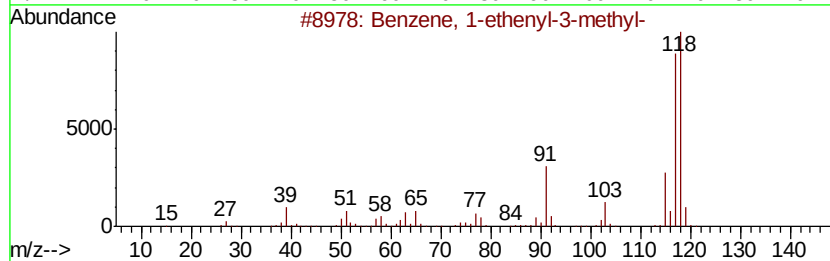
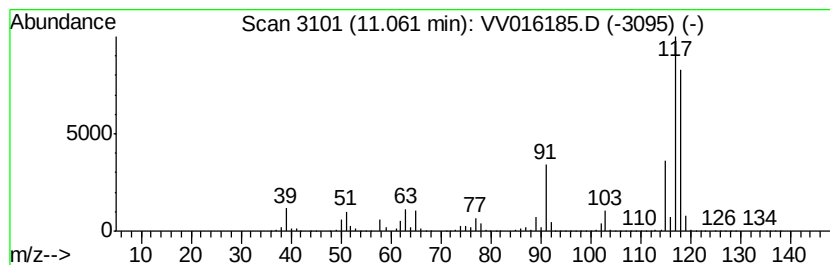
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Benzene, cyclopropyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.49 ug/L	7125520	1,4-Dichlorobenzene-d4	11.28
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	95
3	Benzene, 1-ethenyl-3-methyl-	118 C9H10	000100-80-1	94
4	Benzene, cyclopropyl-	118 C9H10	000873-49-4	94
5	Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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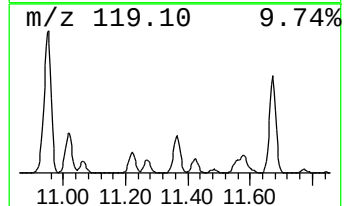
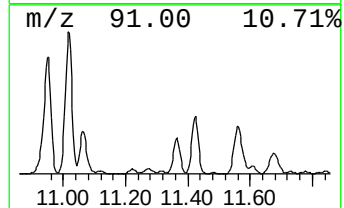
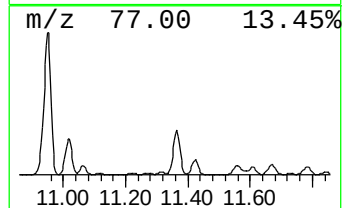
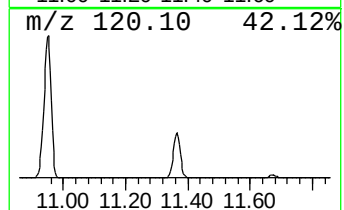
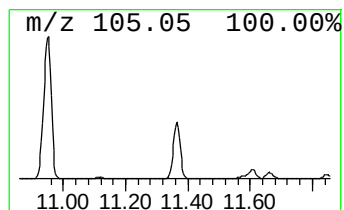
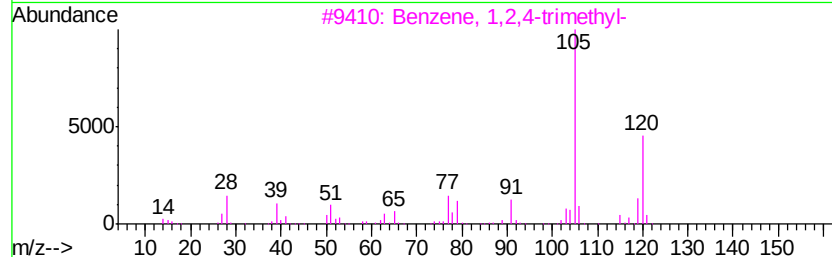
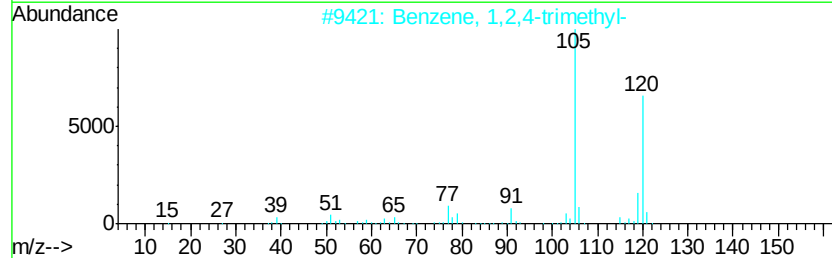
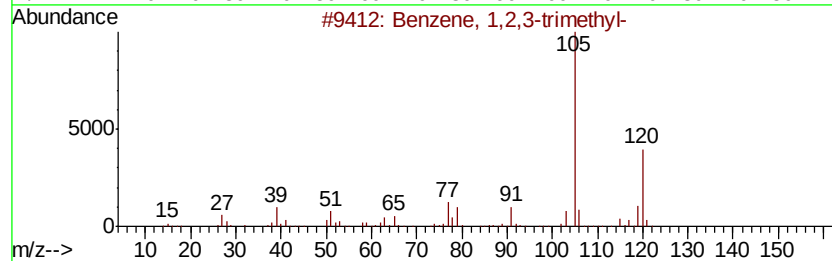
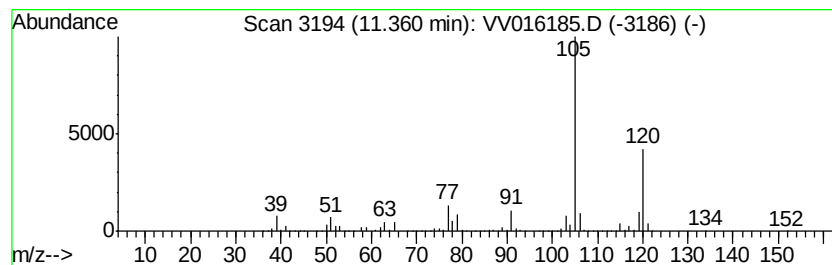
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	5.00 ug/L	14281200	1,4-Dichlorobenzene-d4	11.28

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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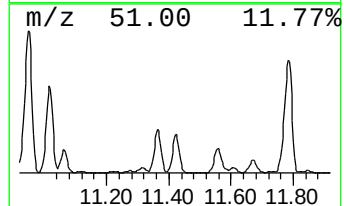
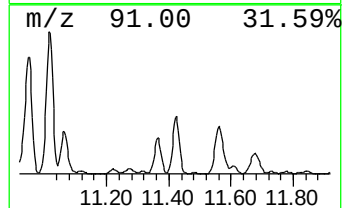
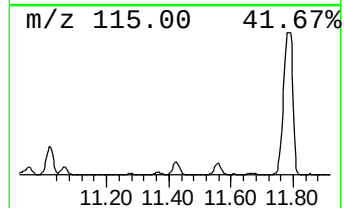
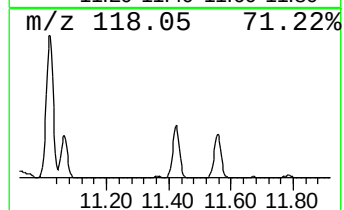
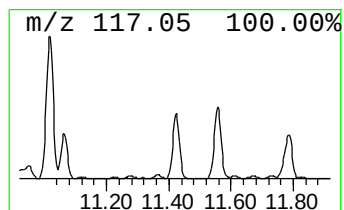
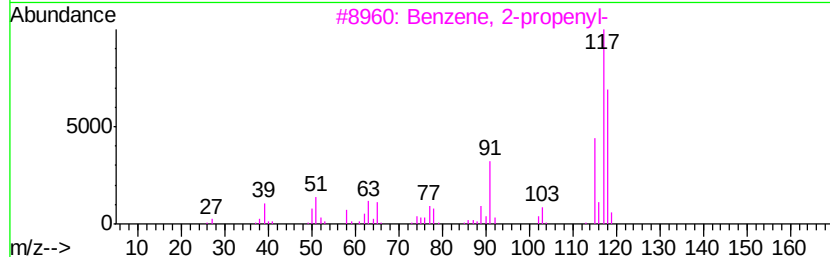
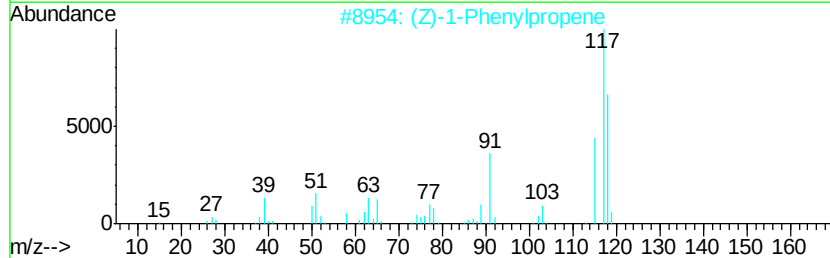
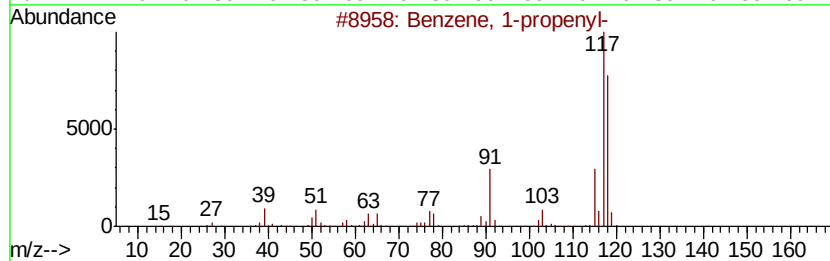
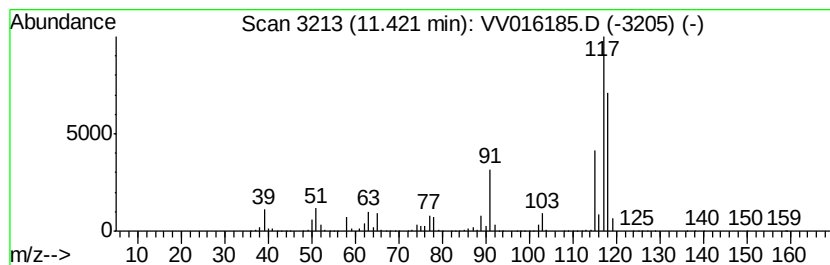
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 Benzene, 1-propenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	3.71 ug/L	10585800	1,4-Dichlorobenzene-d4	11.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKW8

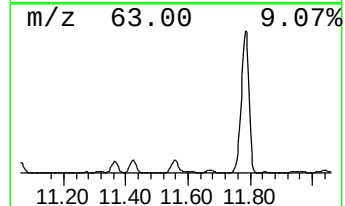
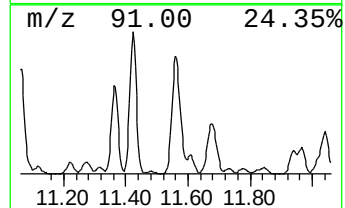
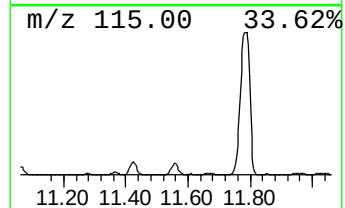
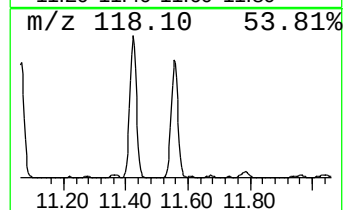
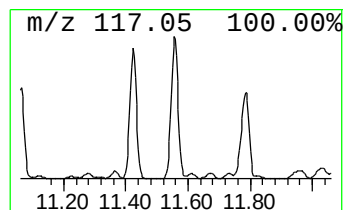
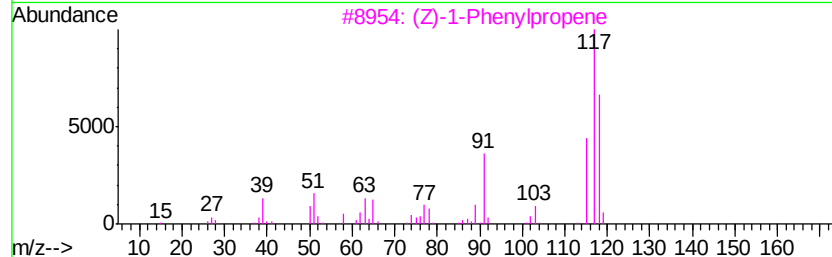
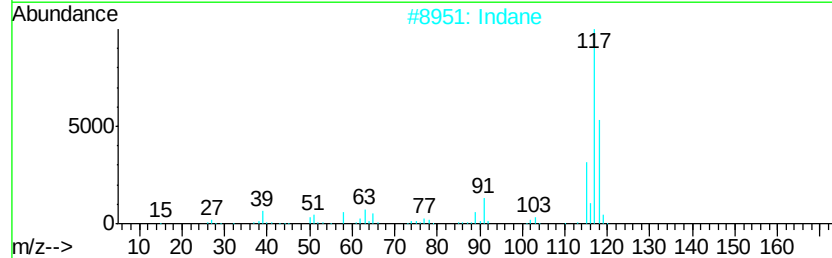
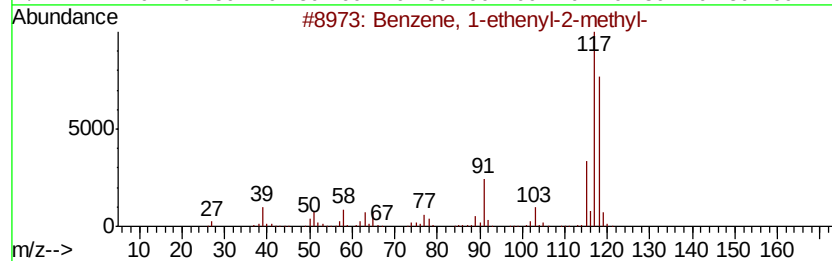
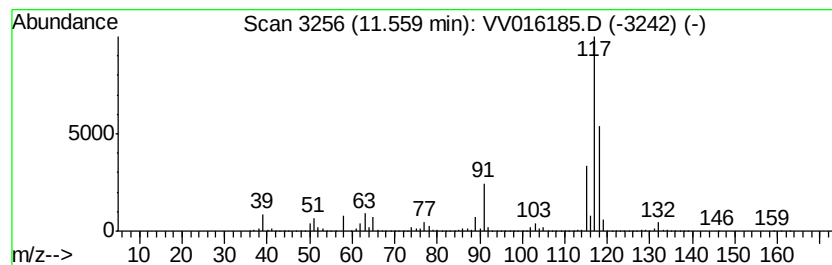
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 13 Benzene, 1-ethenyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	4.02 ug/L	11483900	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	89
2		Indane	118	C9H10	000496-11-7	87
3		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	74
5		Indane	118	C9H10	000496-11-7	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKW8

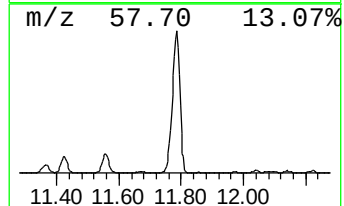
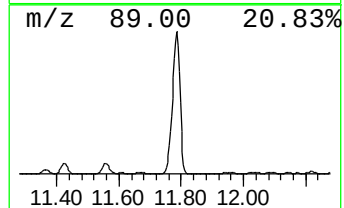
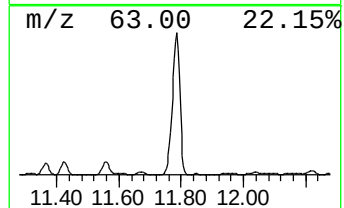
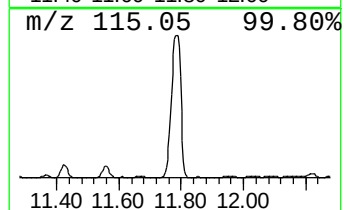
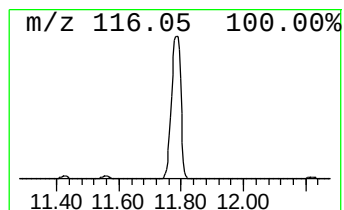
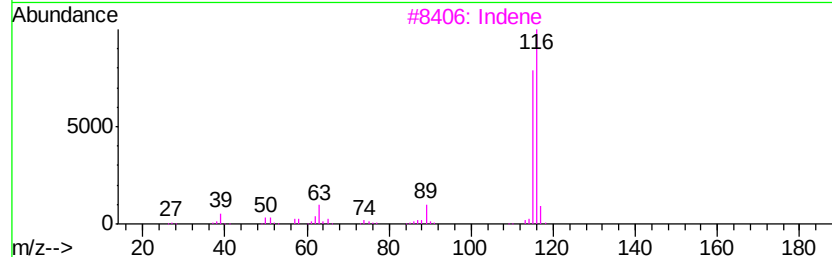
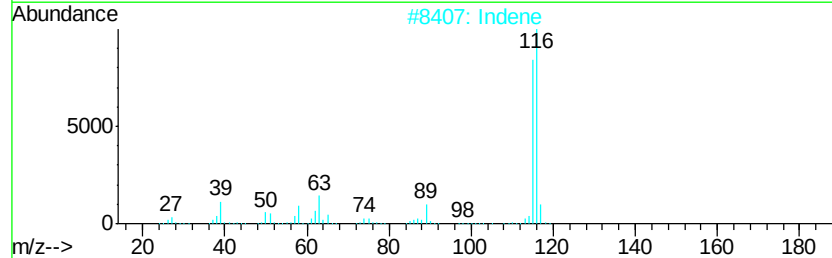
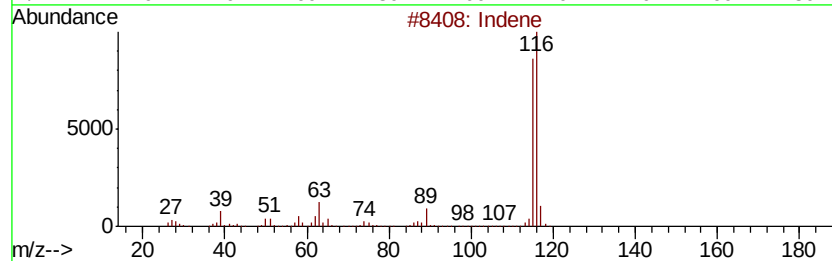
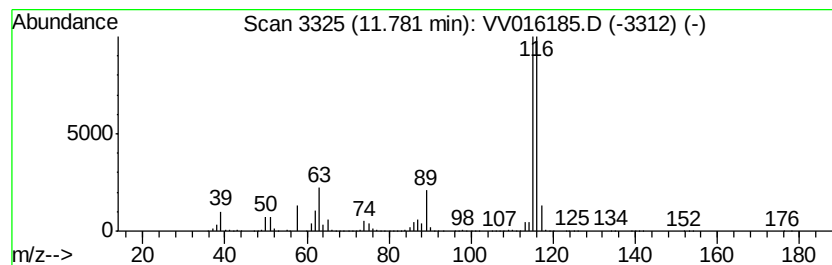
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 14 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	21.85 ug/L	62404200	1,4-Dichlorobenzene-d4	11.28

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	95
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	86
5		3-Methylphenylacetylene	116	C9H8	000766-82-5	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKW8

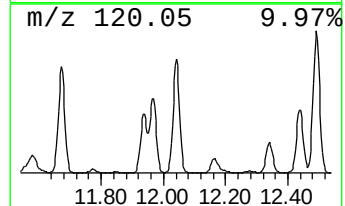
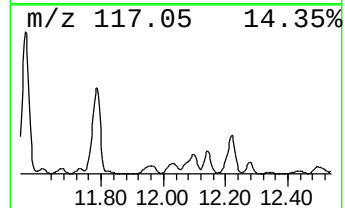
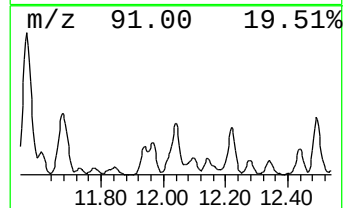
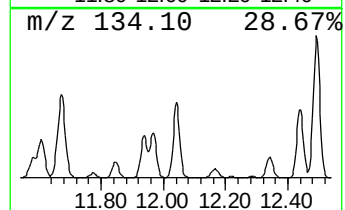
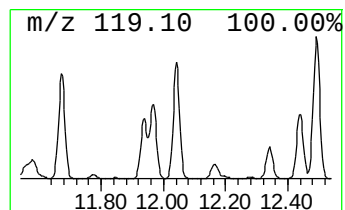
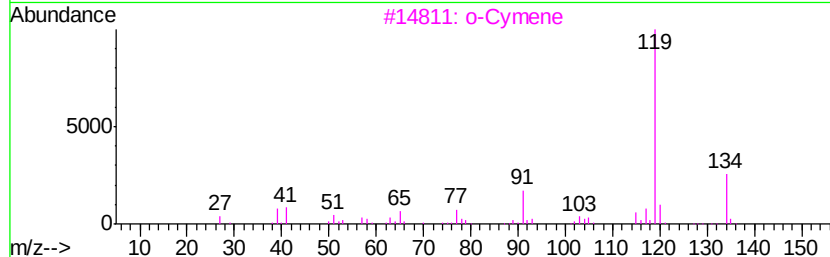
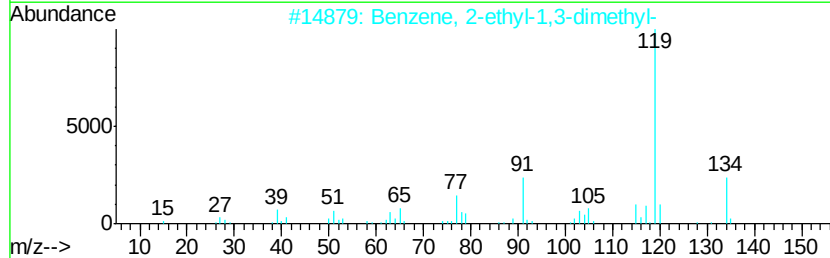
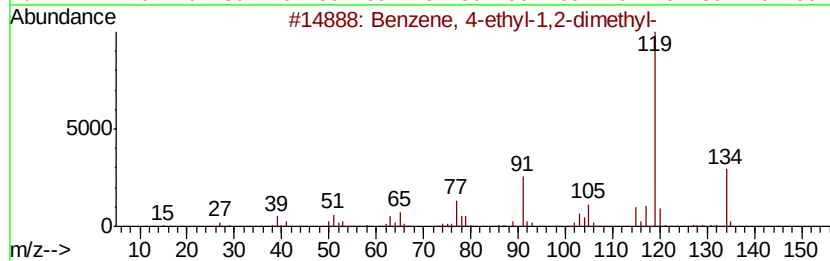
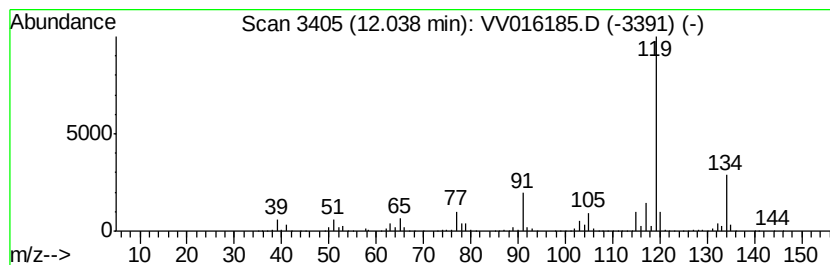
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	1.62 ug/L	4626830	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKW8

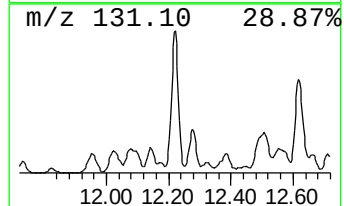
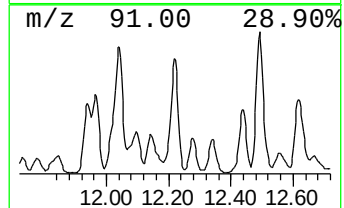
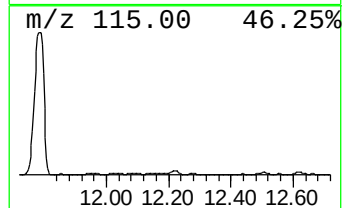
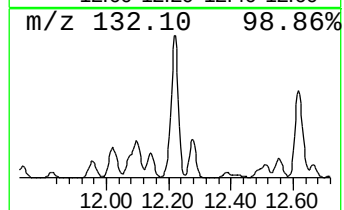
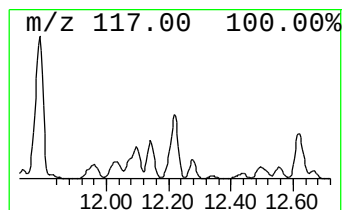
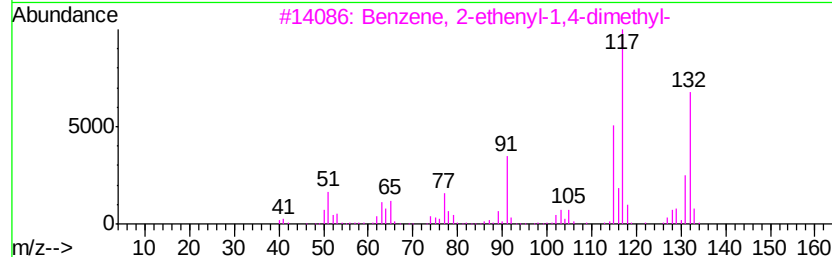
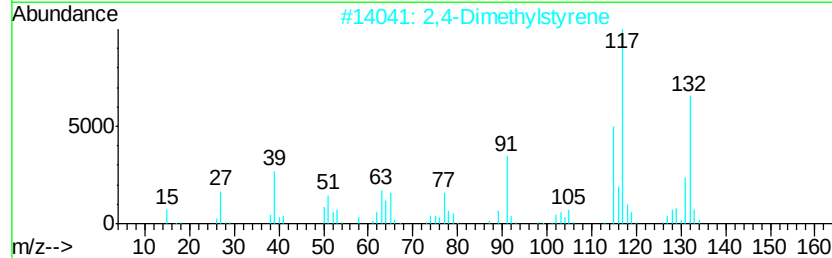
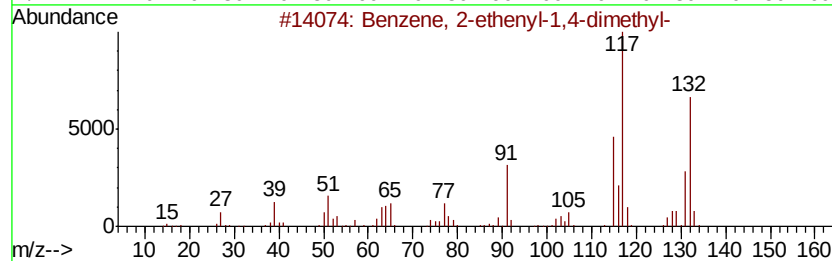
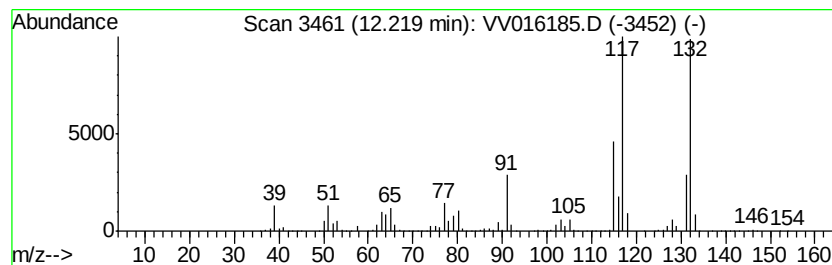
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	1.61 ug/L	4611370	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKW8

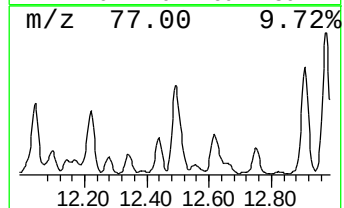
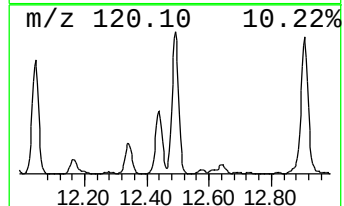
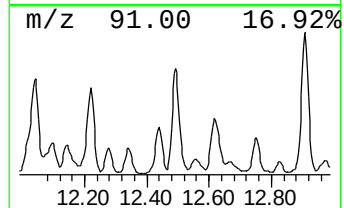
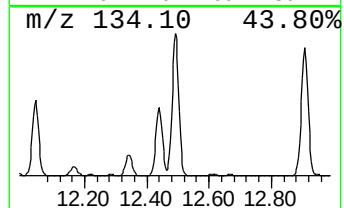
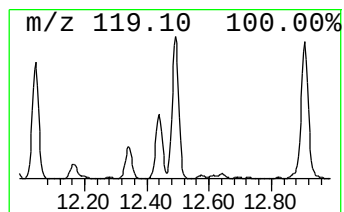
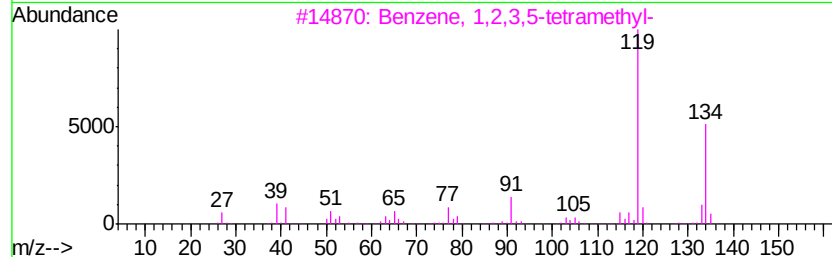
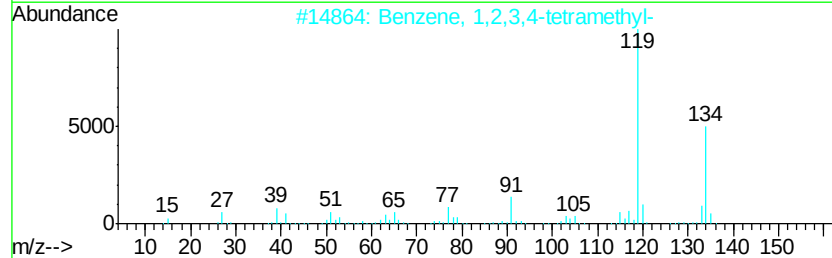
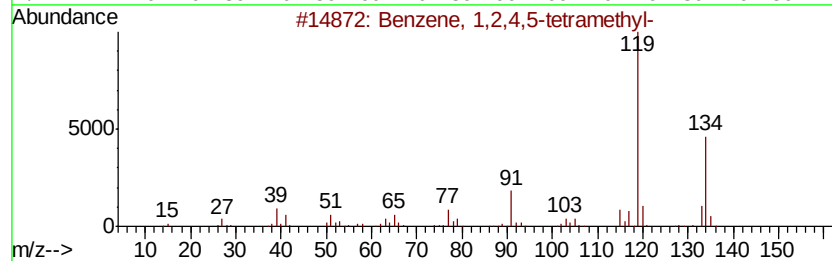
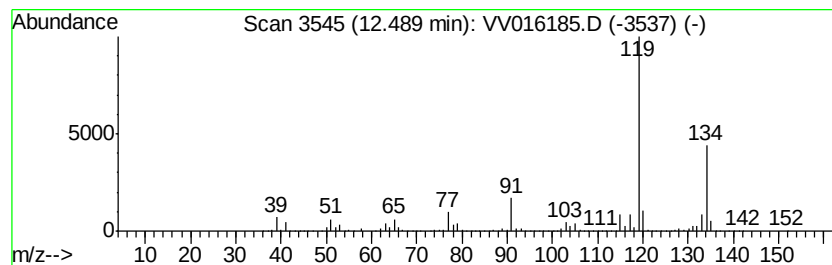
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.12 ug/L	6066220	1,4-Dichlorobenzene-d4	11.28

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

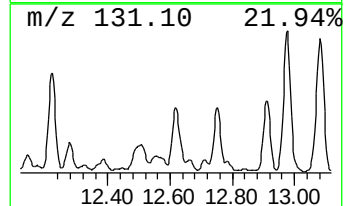
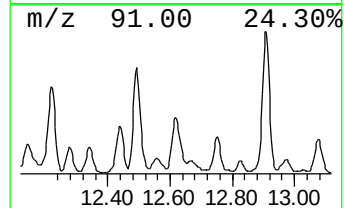
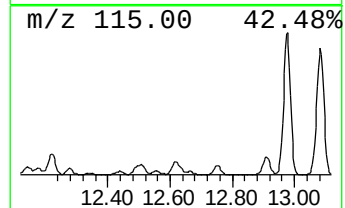
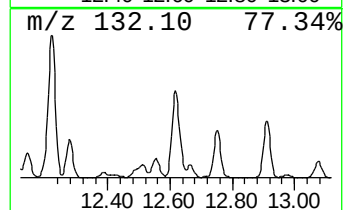
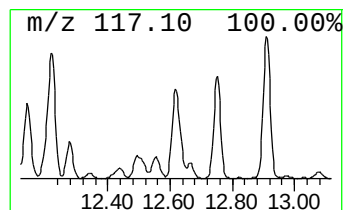
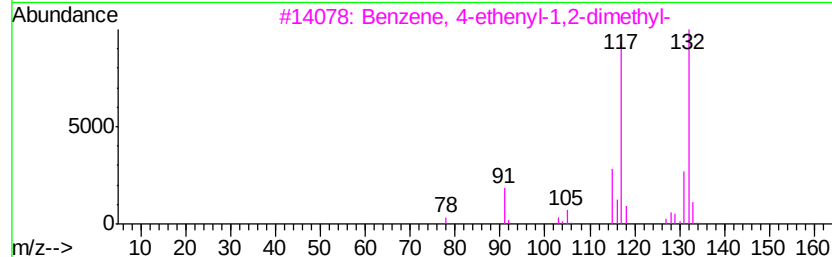
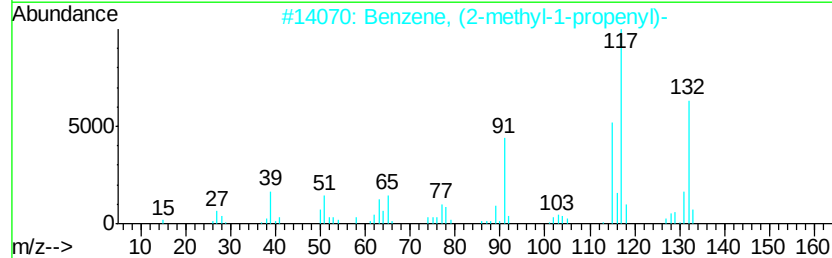
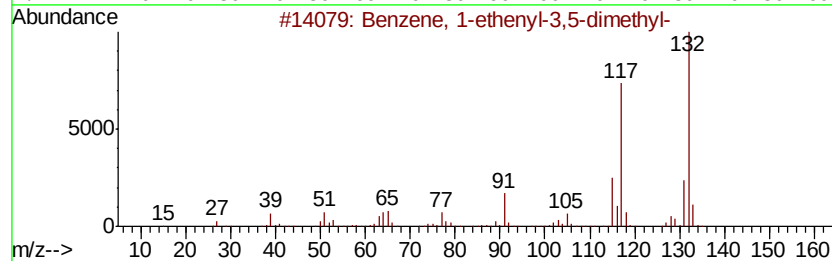
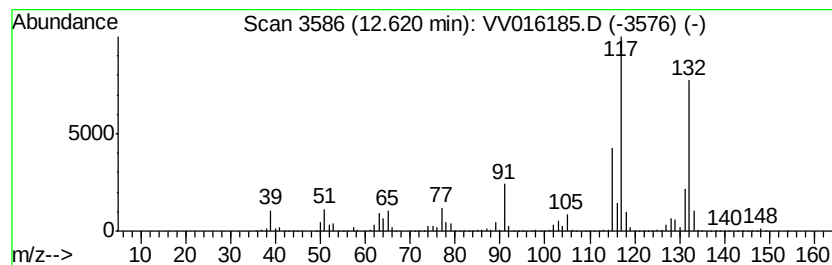
Instrument :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 18 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.62	1.16 ug/L	3320030	1,4-Dichlorobenzene-d4	11.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKW8

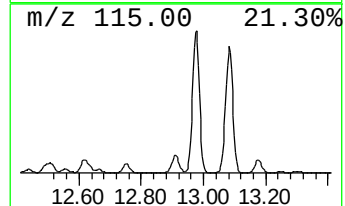
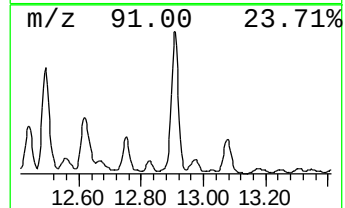
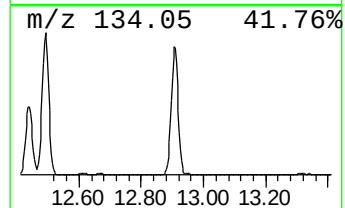
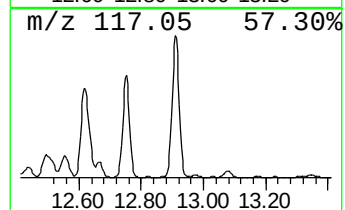
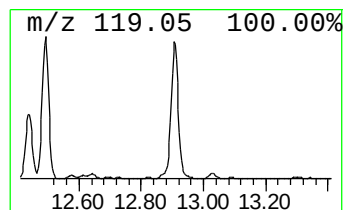
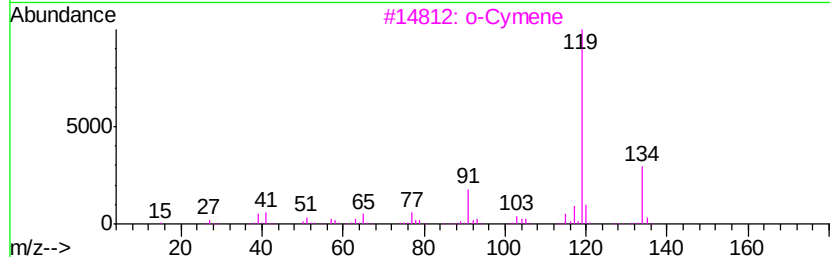
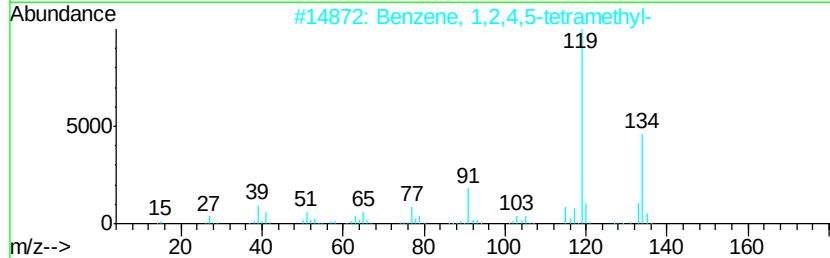
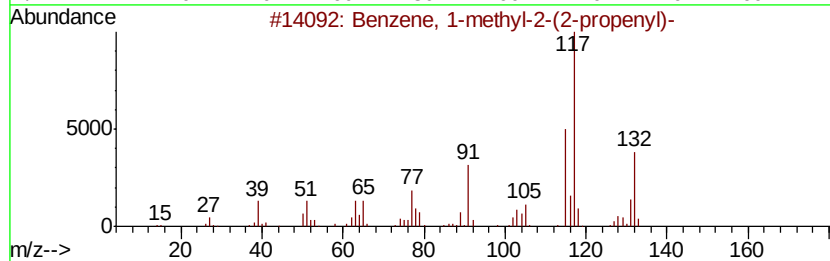
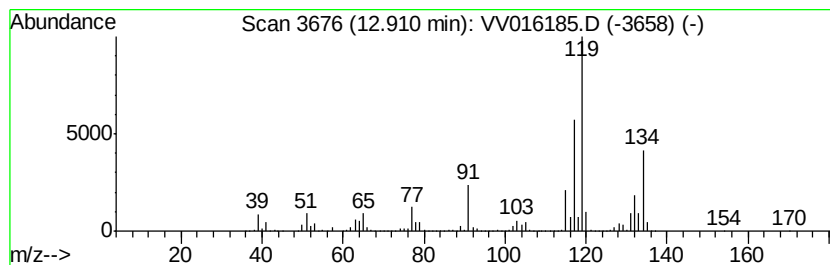
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 19 Benzene, 1-methyl-2-(2-prop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	2.67 ug/L	7618270	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3		o-Cymene	134	C10H14	000527-84-4	64
4		p-Cymene	134	C10H14	000099-87-6	64
5		o-Cymene	134	C10H14	000527-84-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

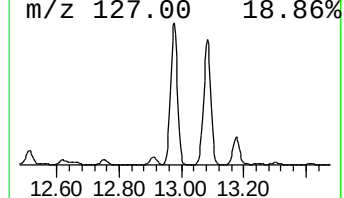
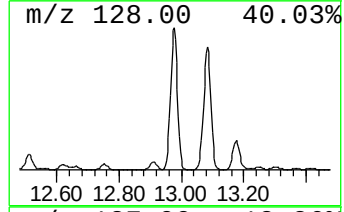
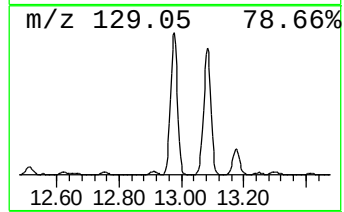
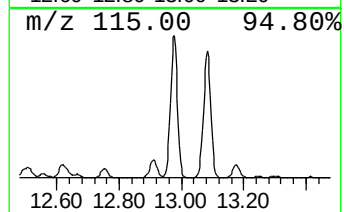
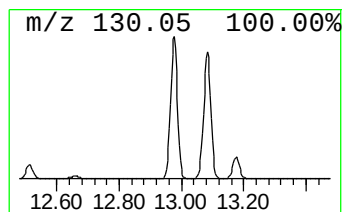
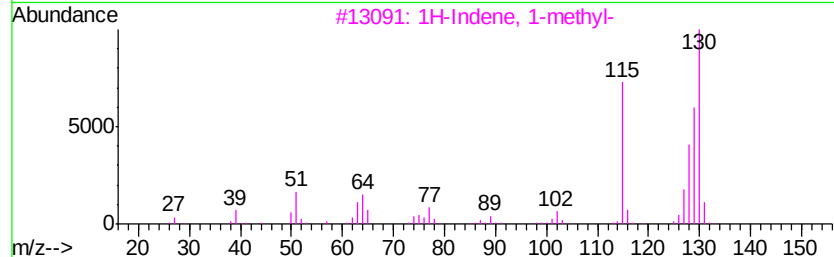
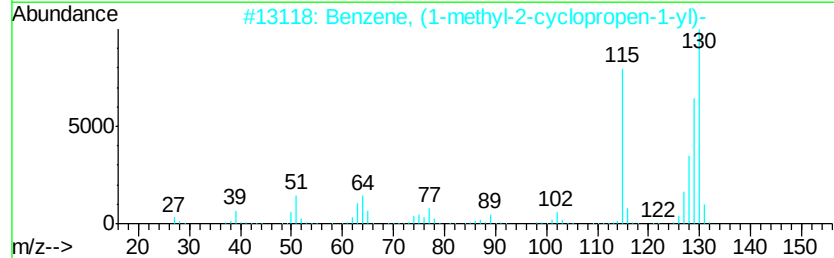
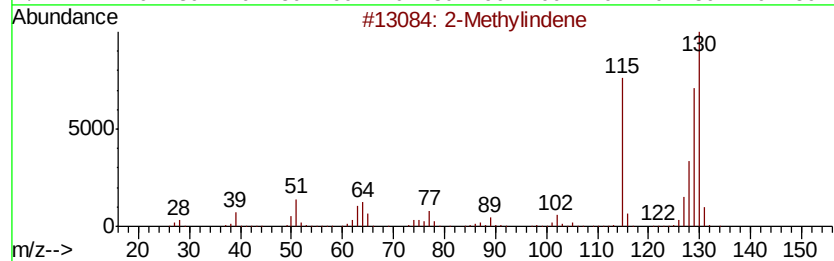
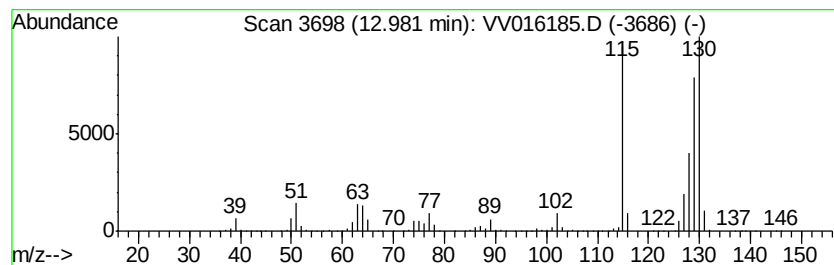
Instrument :
MSVOA_V
ClientSampleId :
ETKW8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 20 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	5.10 ug/L	14562800	1,4-Dichlorobenzene-d4	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methylindene	130 C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130 C10H10	065051-83-4	97
3	1H-Indene, 1-methyl-	130 C10H10	000767-59-9	96
4	1H-Indene, 1-methyl-	130 C10H10	000767-59-9	96
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130 C10H10	015677-15-3	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016185.D
Acq On : 22 May 2020 20:51
Operator : SY/MD
Sample : L2756-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKW8

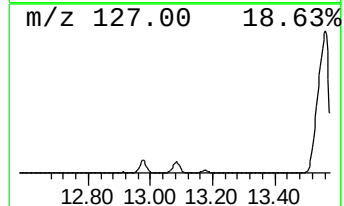
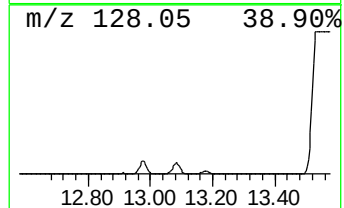
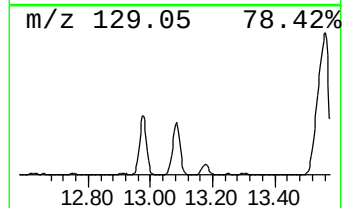
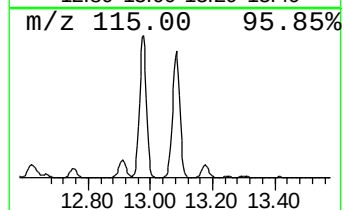
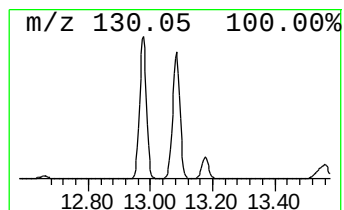
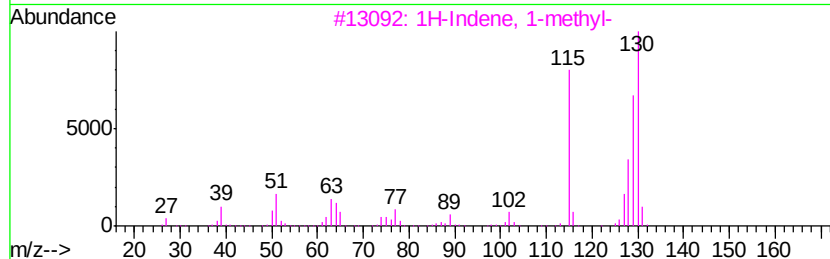
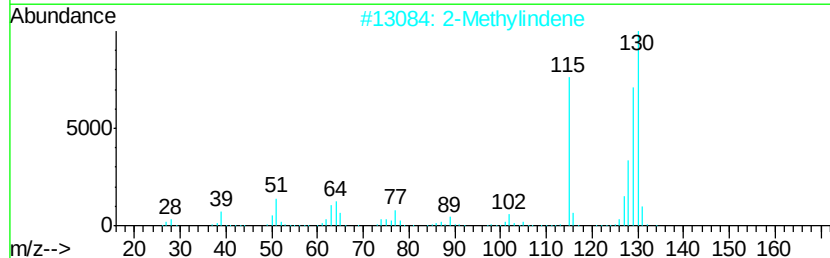
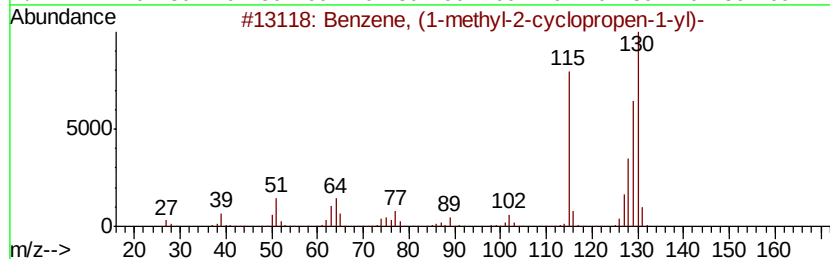
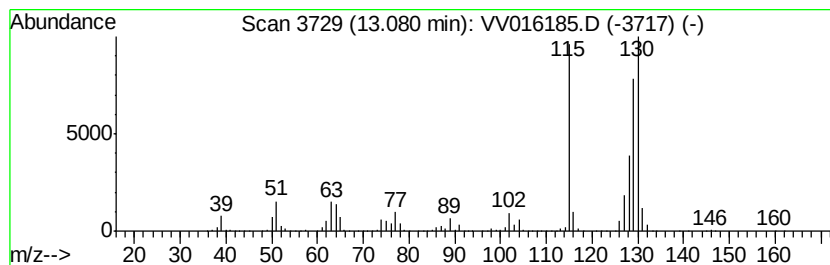
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 21 Benzene, (1-methyl-2-cyclop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	5.03 ug/L	14376000	1,4-Dichlorobenzene-d4	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
2		2-Methylindene	130	C10H10	002177-47-1	97
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
 Data File : VV016185.D
 Acq On : 22 May 2020 20:51
 Operator : SY/MD
 Sample : L2756-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKW8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.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
(DEL) Alkane: Str...	3.07	3.6	ug/L	9352540	1	5.66	13078900	5.0
(DEL) Alkane: Cyc...	3.81	7.6	ug/L	19978200	1	5.66	13078900	5.0
1,5-Hexadien-3-yn...	7.48	16.4	ug/L	292877000	2	8.88	89485900	5.0
Benzene, propyl-	10.38	2.2	ug/L	6256110	3	11.28	14281200	5.0
Benzene, 1-ethyl-...	10.48	8.3	ug/L	23617800	3	11.28	14281200	5.0
Benzene, 1,2,3-tr...	10.57	6.0	ug/L	17148900	3	11.28	14281200	5.0
Benzene, 1-ethyl-...	10.77	2.8	ug/L	7895200	3	11.28	14281200	5.0
Mesitylene	10.95	16.3	ug/L	46666900	3	11.28	14281200	5.0
Benzene, 1-etheny...	11.02	9.4	ug/L	26763200	3	11.28	14281200	5.0
Benzene, cyclopro...	11.06	2.5	ug/L	7125520	3	11.28	14281200	5.0
Benzene, 1,2,4-tr...	11.36	5.0	ug/L	14281200	3	11.28	14281200	5.0
Benzene, 1-propenyl-	11.42	3.7	ug/L	10585800	3	11.28	14281200	5.0
Benzene, 1-etheny...	11.56	4.0	ug/L	11483900	3	11.28	14281200	5.0
Indene	11.78	21.9	ug/L	62404200	3	11.28	14281200	5.0
Benzene, 4-ethyl-...	12.04	1.6	ug/L	4626830	3	11.28	14281200	5.0
Benzene, 2-etheny...	12.22	1.6	ug/L	4611370	3	11.28	14281200	5.0
Benzene, 1,2,4,5-...	12.49	2.1	ug/L	6066220	3	11.28	14281200	5.0
Benzene, 1-etheny...	12.62	1.2	ug/L	3320030	3	11.28	14281200	5.0
Benzene, 1-methyl...	12.91	2.7	ug/L	7618270	3	11.28	14281200	5.0
2-Methylindene	12.98	5.1	ug/L	14562800	3	11.28	14281200	5.0
Benzene, (1-methy...	13.08	5.0	ug/L	14376000	3	11.28	14281200	5.0