

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039391.D
 Acq On : 09 Jul 2020 12:47
 Operator : SY/MD
 Sample : L3244-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4B15

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

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

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.555	980	1000	1018	rBV	1493158	3621256	4.55%	0.898%
2	5.407	1244	1265	1278	rBV	501923	1202935	1.51%	0.298%
3	6.774	1675	1690	1712	rVB2	494588	1247894	1.57%	0.309%
4	9.581	2548	2563	2587	rBV2	31355822	48267999	60.71%	11.968%
5	9.703	2587	2601	2630	rVB	15165715	24832998	31.23%	6.157%
6	10.105	2710	2726	2755	rVB	9589421	14984511	18.85%	3.715%
7	10.488	2830	2845	2867	rBV	3540928	5487982	6.90%	1.361%
8	10.909	2943	2976	2990	rBV	7816762	11997470	15.09%	2.975%
9	10.999	2990	3004	3022	rVV	8287863	18761097	23.60%	4.652%
10	11.089	3022	3032	3048	rVB	7472357	11521922	14.49%	2.857%
11	11.298	3078	3097	3118	rBV2	27220411	41666661	52.41%	10.331%
12	11.478	3131	3153	3166	rBV2	52370405	79505488	100.00%	19.713%
13	11.642	3198	3204	3219	rVB	768490	1172639	1.47%	0.291%
14	11.893	3268	3282	3294	rBV	7921791	12184988	15.33%	3.021%
15	12.095	3327	3345	3361	rBV	22168838	34918880	43.92%	8.658%
16	12.182	3361	3372	3390	rVB7	2606544	5018537	6.31%	1.244%
17	12.298	3397	3408	3420	rBV2	470963	799374	1.01%	0.198%
18	12.372	3420	3431	3445	rVB	1107612	1673698	2.11%	0.415%
19	12.459	3446	3458	3464	rBV	1738213	2745075	3.45%	0.681%
20	12.491	3465	3468	3479	rVB	903919	1063926	1.34%	0.264%
21	12.568	3479	3492	3499	rBV	5050649	7786960	9.79%	1.931%
22	12.607	3499	3504	3514	rVB	1360697	1922794	2.42%	0.477%
23	12.677	3514	3526	3544	rBV	4994947	8050186	10.13%	1.996%
24	12.867	3571	3585	3597	rVB3	652915	1063245	1.34%	0.264%
25	12.967	3597	3616	3625	rVV	5995333	9103302	11.45%	2.257%
26	13.018	3625	3632	3645	rVB	1679967	2487462	3.13%	0.617%
27	13.285	3705	3715	3732	rVB	2302902	3485230	4.38%	0.864%
28	13.446	3741	3765	3778	rBV3	11142674	19503611	24.53%	4.836%
29	13.513	3778	3786	3794	rVB2	597837	886806	1.12%	0.220%
30	13.616	3808	3818	3836	rVB2	1617901	2613127	3.29%	0.648%
31	13.832	3876	3885	3895	rBV4	754581	1208435	1.52%	0.300%
32	13.906	3900	3908	3912	rVV	519448	833687	1.05%	0.207%
33	13.934	3913	3917	3934	rVB2	617566	1023462	1.29%	0.254%
34	14.079	3943	3962	3985	rBV	8128512	12970058	16.31%	3.216%

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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	15.214	4304	4315	4331	rVB	3127277	5032740	6.33%	1.248%
36	15.401	4360	4373	4388	rBV	1640128	2670800	3.36%	0.662%

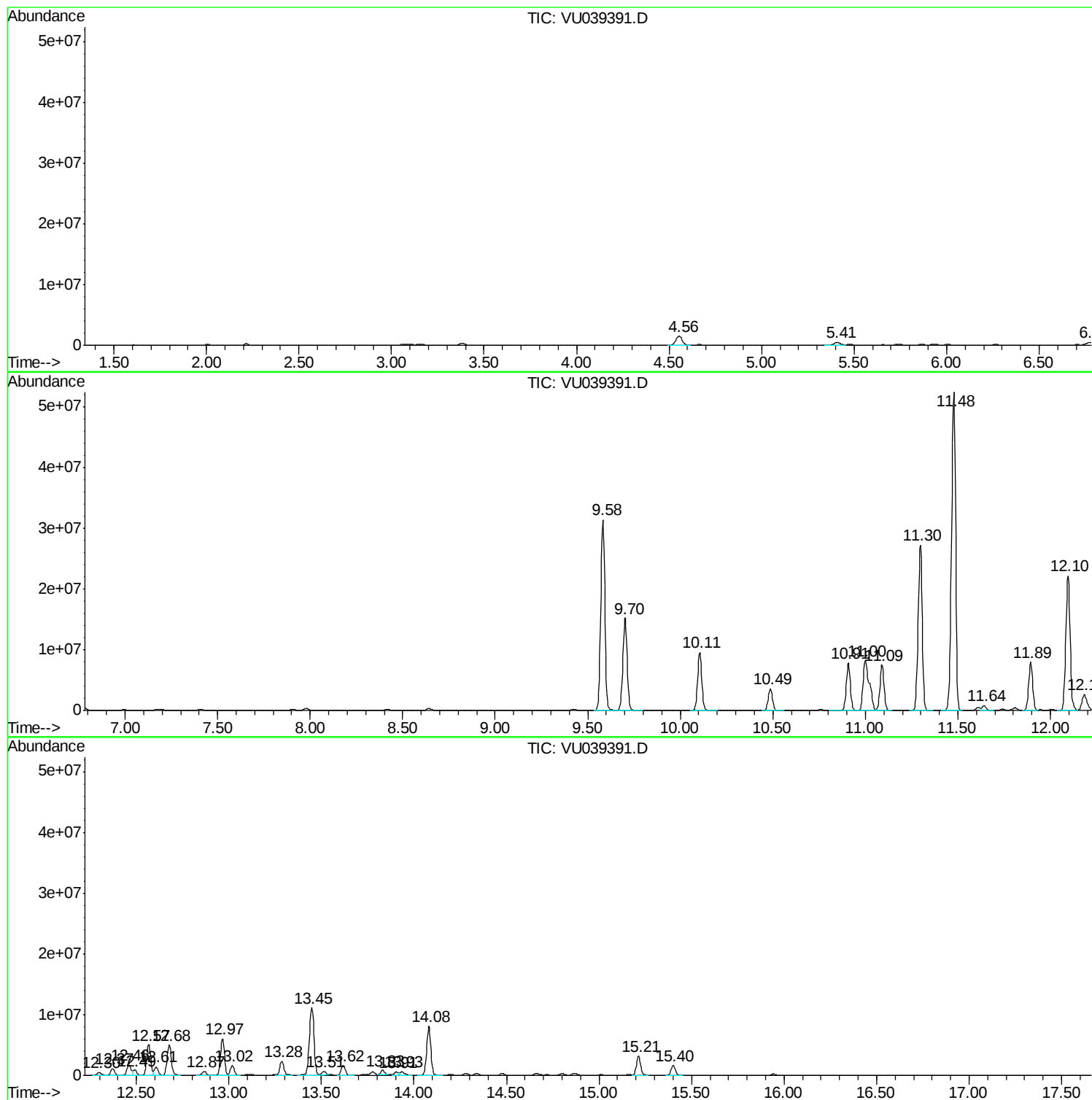
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Quant Title : TRACE VOA SOM01.0

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



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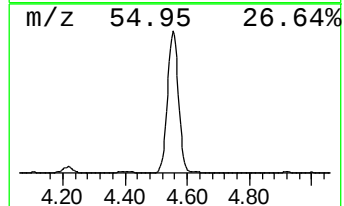
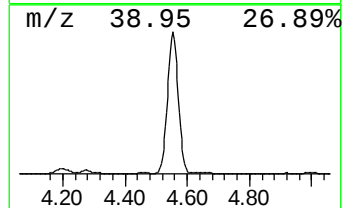
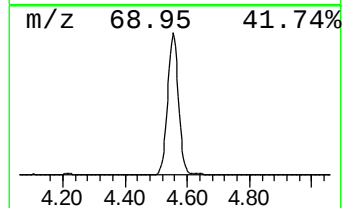
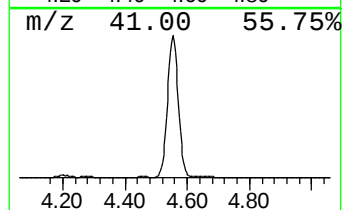
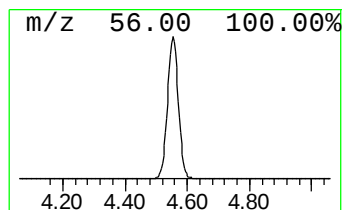
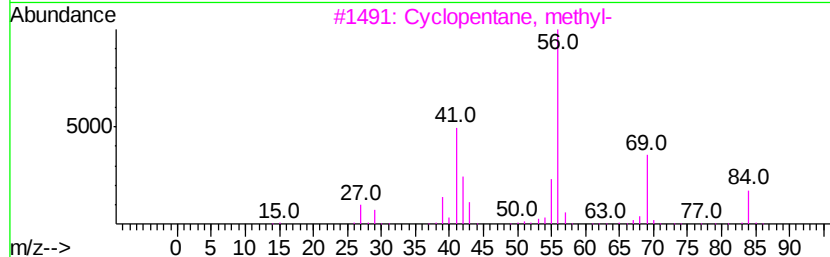
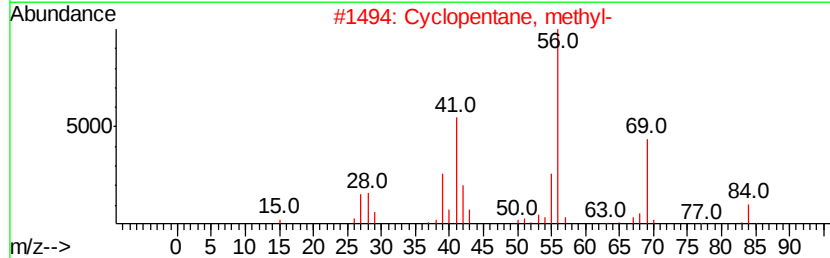
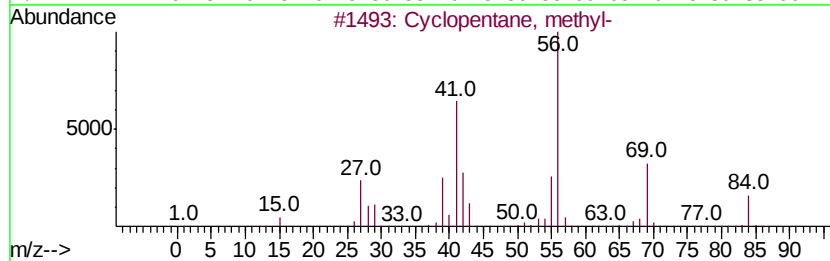
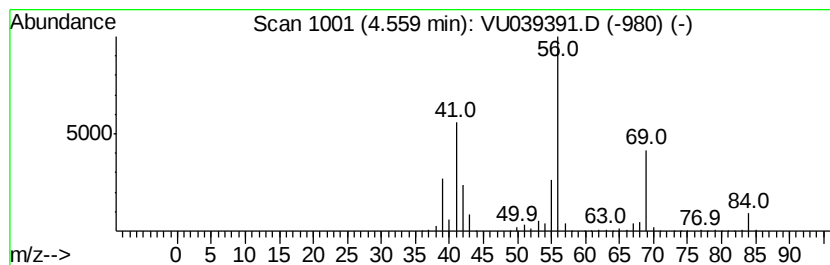
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Cyclic4.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	14.51 ug/L	3621260	1,4-Difluorobenzene	6.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	90
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5		Cyclobutane, butyl-	112	C8H16	013152-44-8	64



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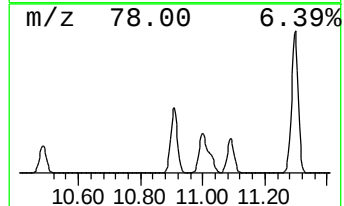
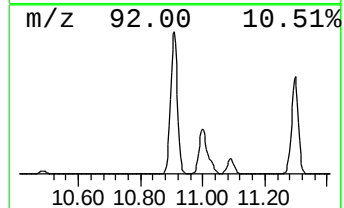
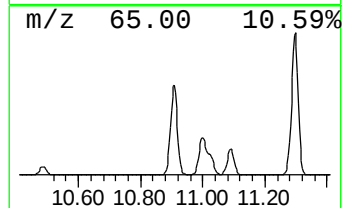
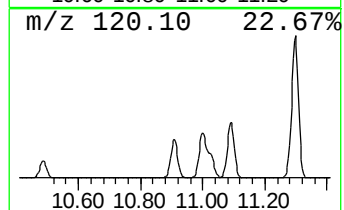
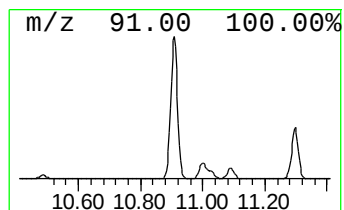
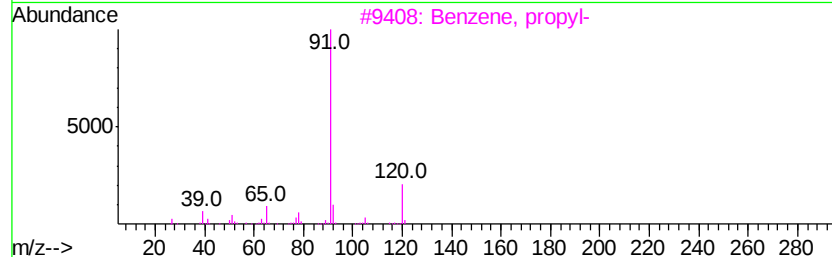
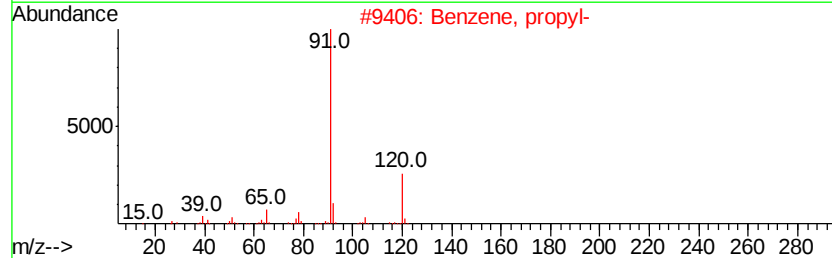
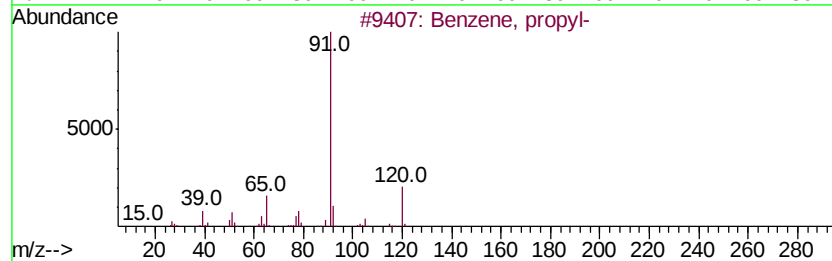
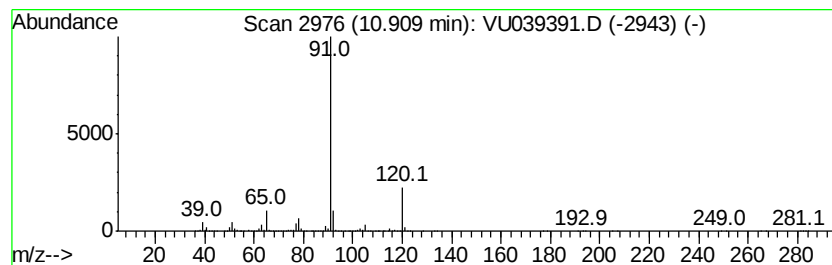
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	4.92 ug/L	11997500	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	91
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	90
4			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72



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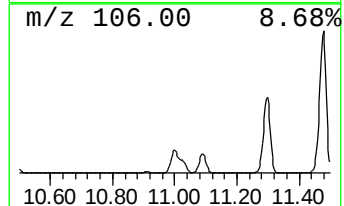
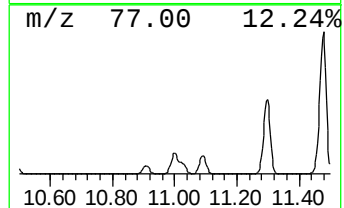
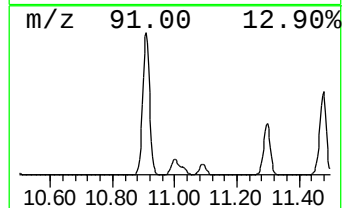
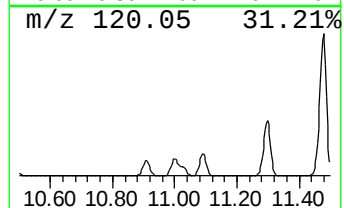
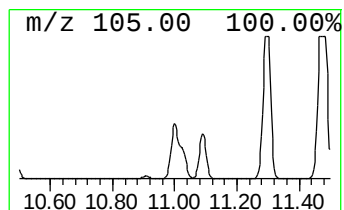
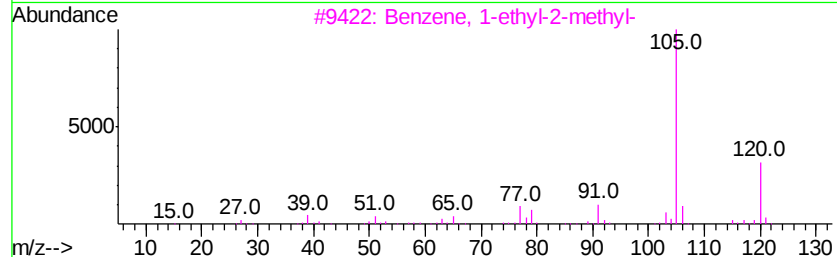
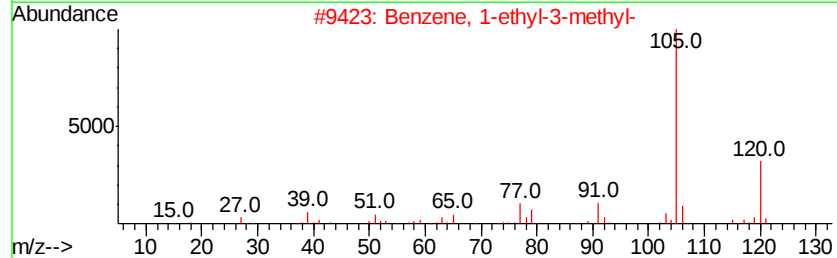
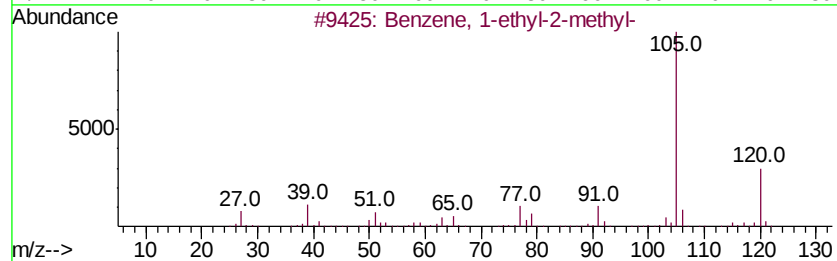
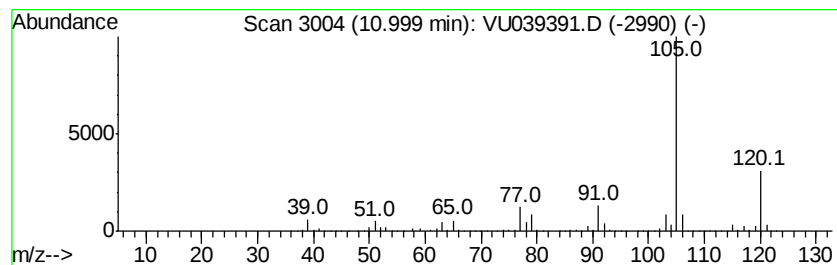
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	7.70 ug/L	18761100	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	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		Mesitylene	120	C9H12	000108-67-8	91



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ALS Vial : 1 Sample Multiplier: 1

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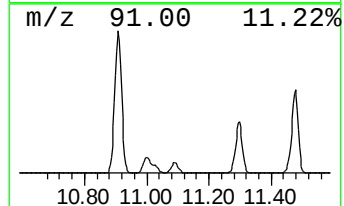
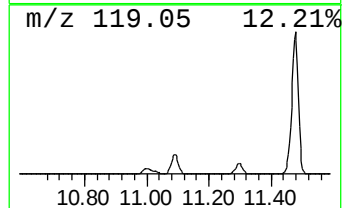
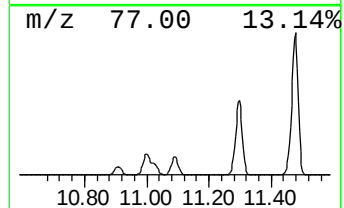
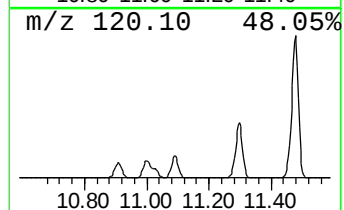
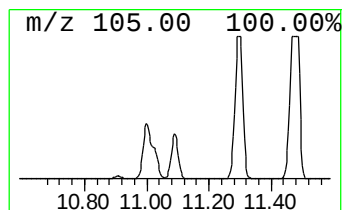
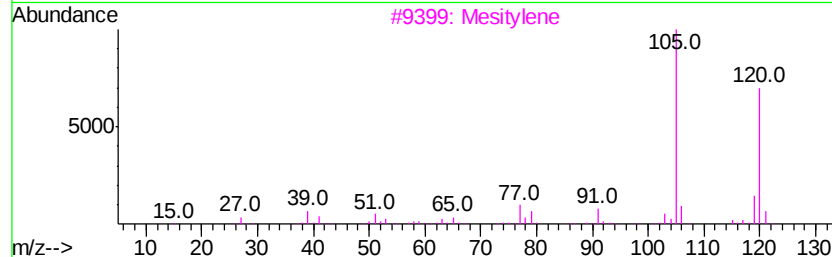
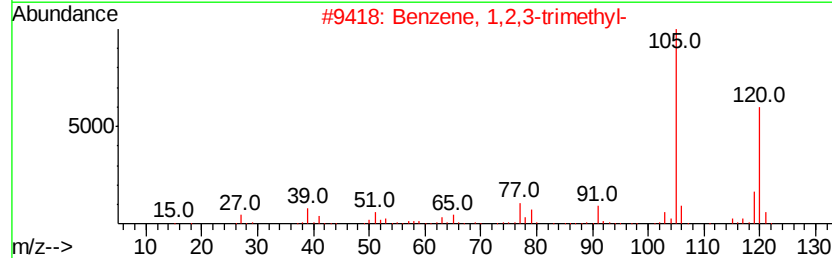
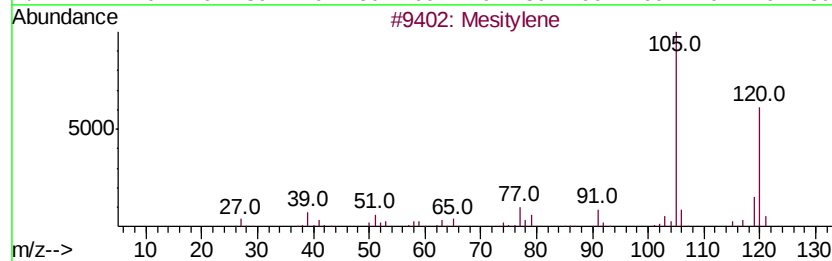
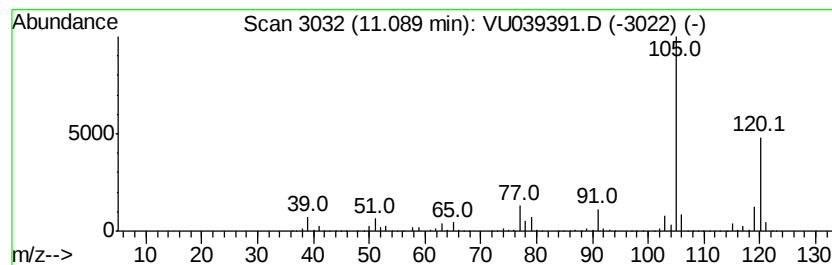
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	4.73 ug/L	11521900	1,4-Dichlorobenzene-d4	11.81

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	97
3	Mesitylene		120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	94
5	Mesitylene		120	C9H12	000108-67-8	94



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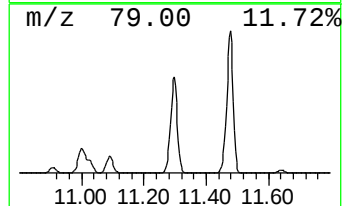
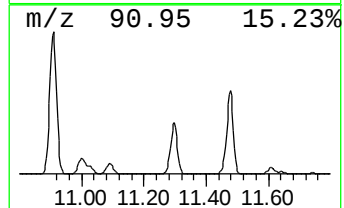
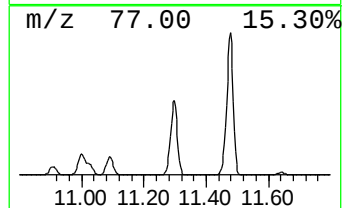
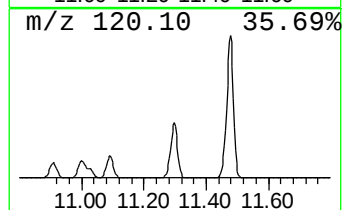
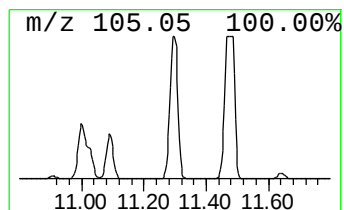
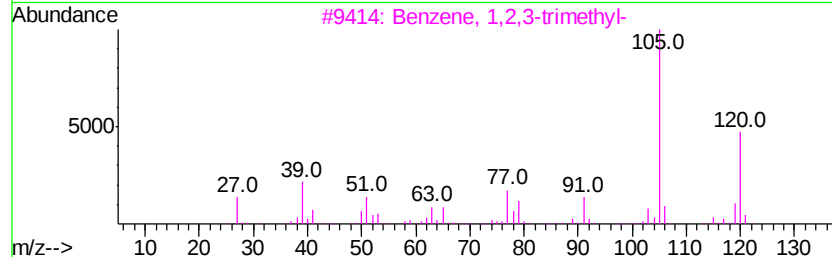
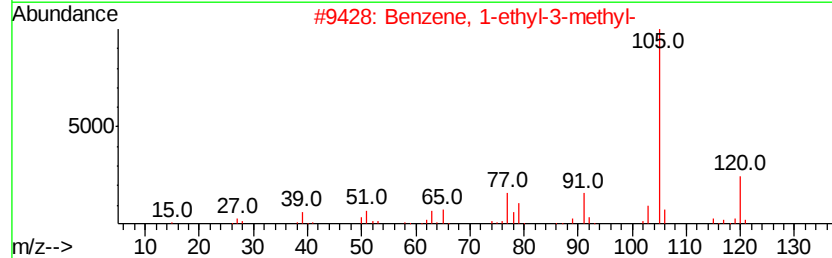
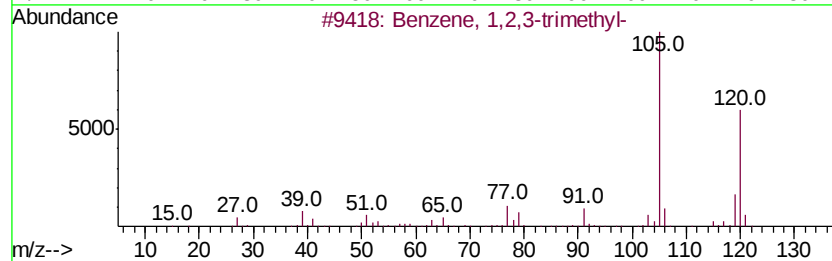
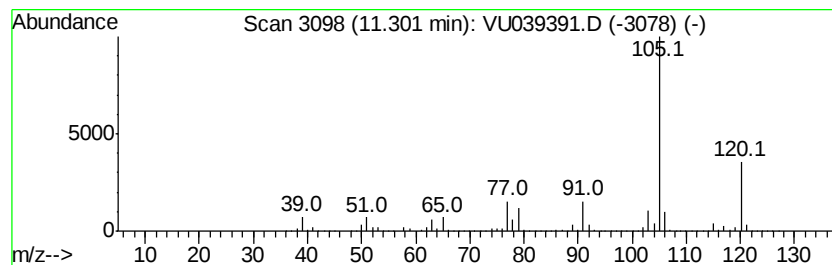
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.30	17.10 ug/L	41666700	1,4-Dichlorobenzene-d4	11.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

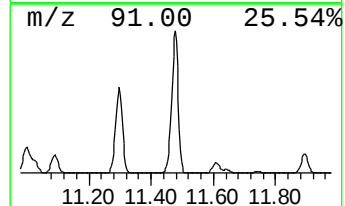
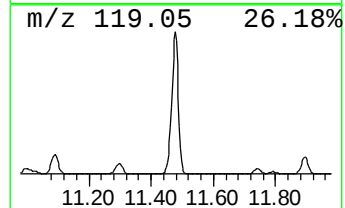
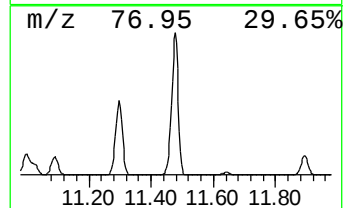
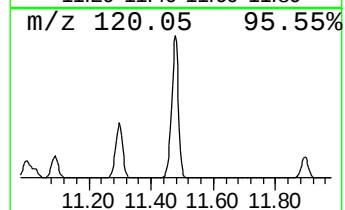
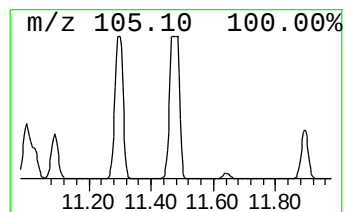
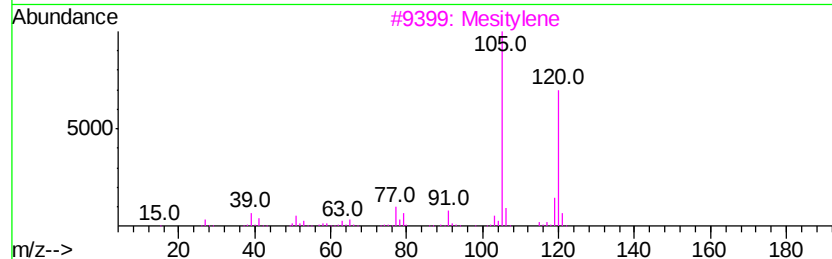
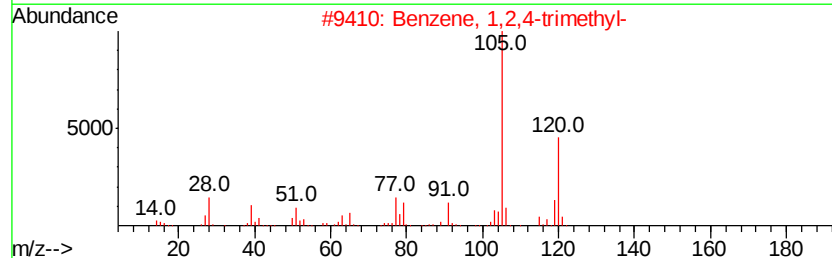
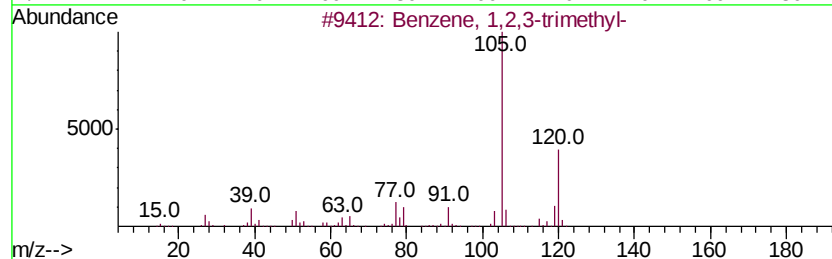
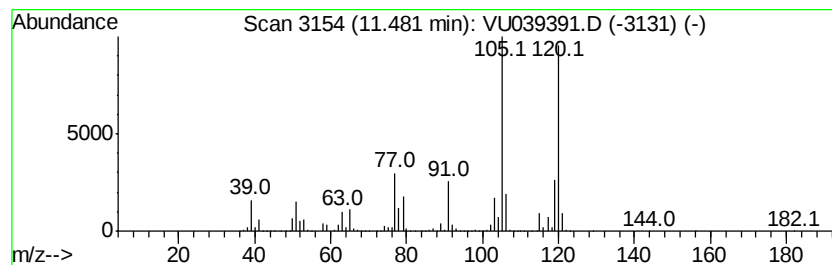
Instrument :
MSVOA_U
ClientSampleId :
F4B15

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

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

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	32.62 ug/L	79505500	1,4-Dichlorobenzene-d4	11.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8 93
2		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 91
3		Mesitylene	120 C9H12	000108-67-8 83
4		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 81
5		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 81



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

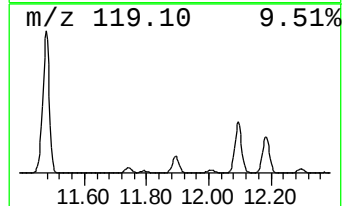
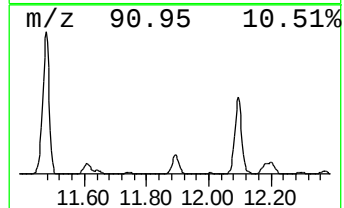
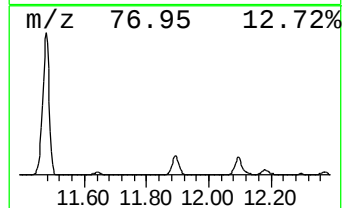
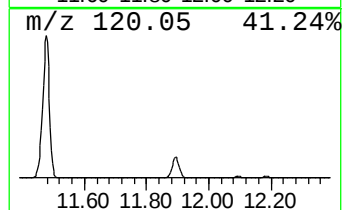
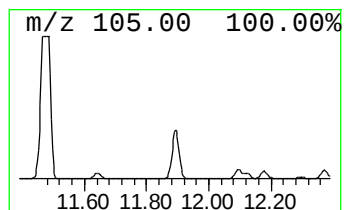
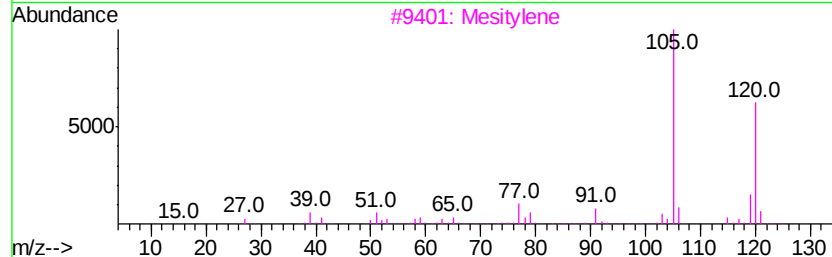
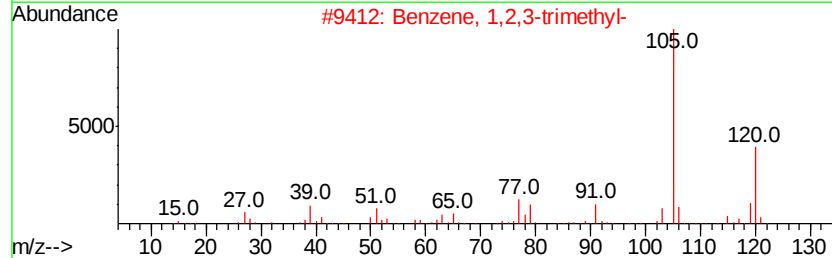
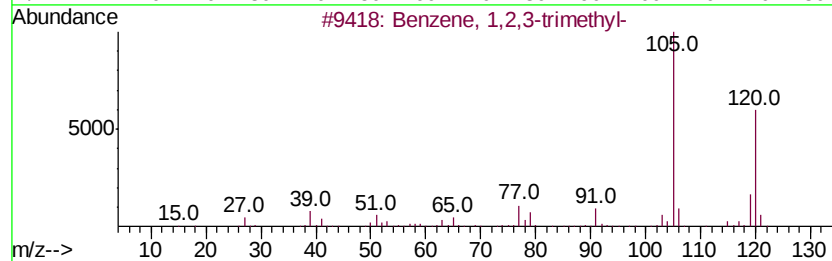
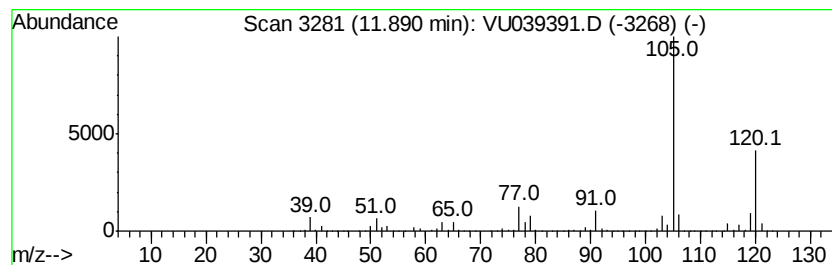
Instrument :
MSVOA_U
ClientSampleId :
F4B15

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

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

Peak Number 7 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	5.00 ug/L	12185000	1,4-Dichlorobenzene-d4	11.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4B15

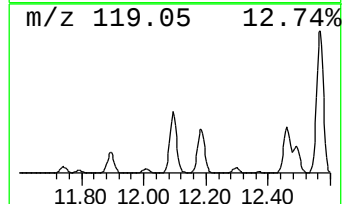
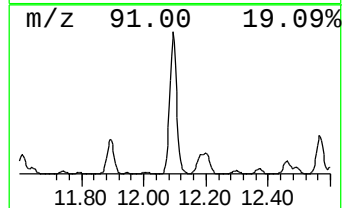
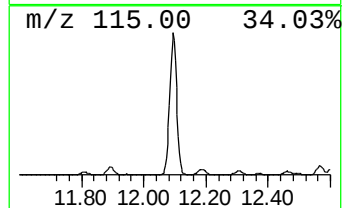
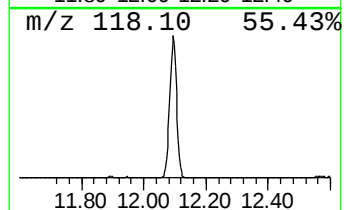
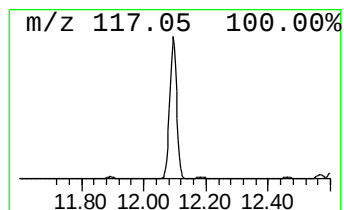
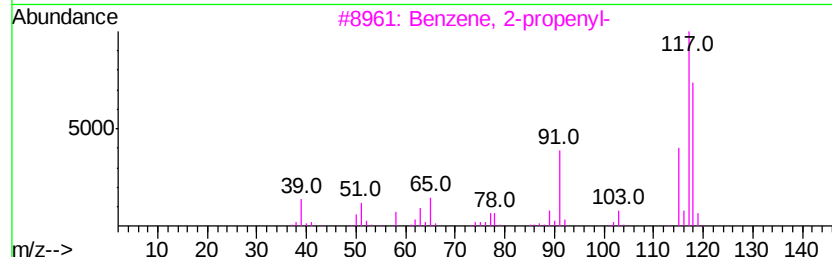
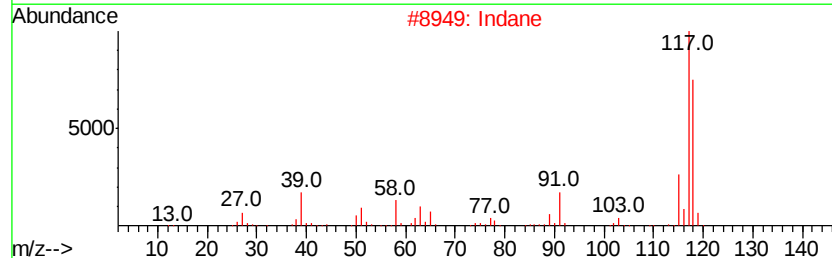
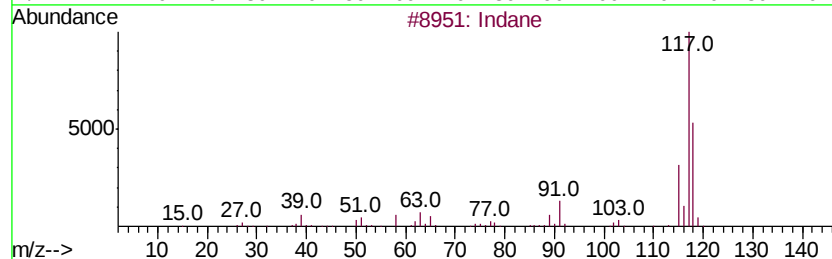
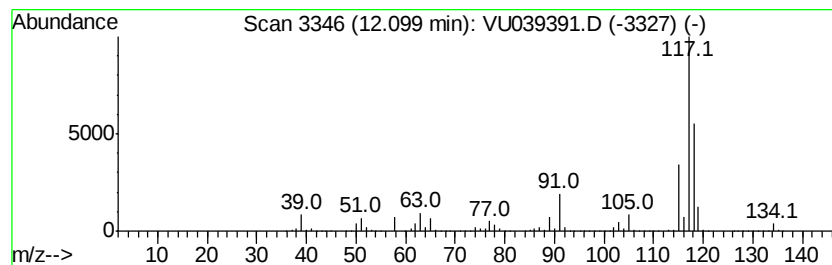
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	14.33 ug/L	34918900	1,4-Dichlorobenzene-d4	11.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	81
2	Indane		118	C9H10	000496-11-7	81
3	Benzene, 2-propenyl-		118	C9H10	000300-57-2	76
4	Benzene, cyclopropyl-		118	C9H10	000873-49-4	76
5	Benzene, cyclopropyl-		118	C9H10	000873-49-4	68



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

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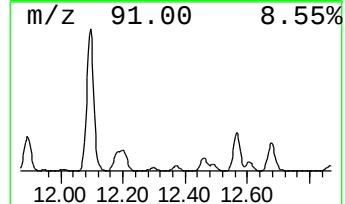
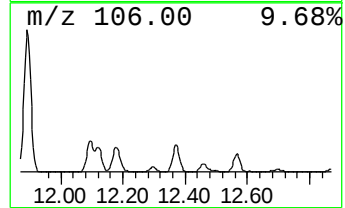
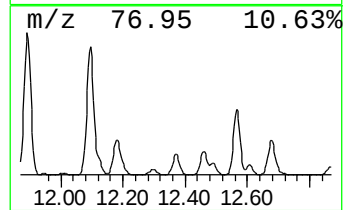
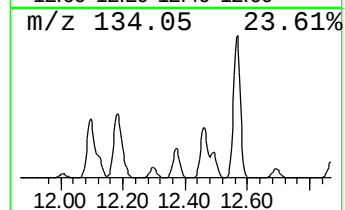
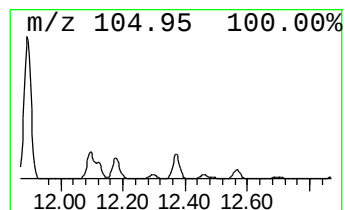
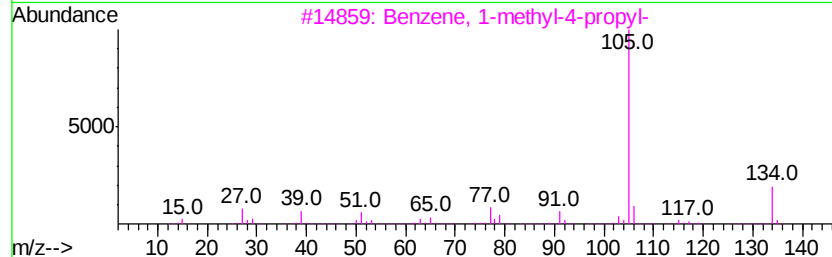
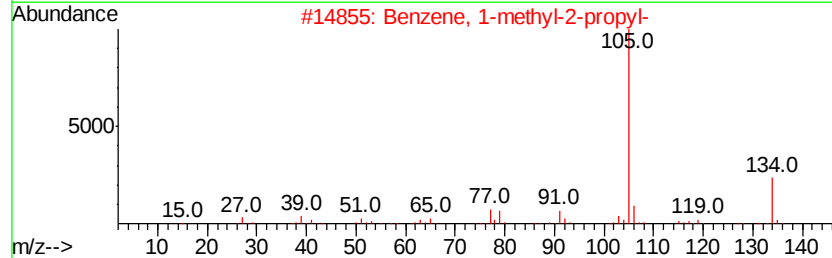
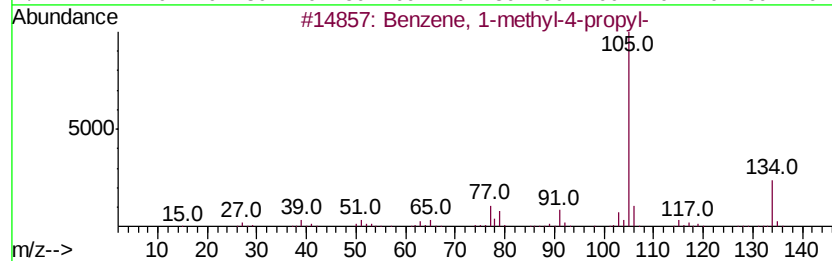
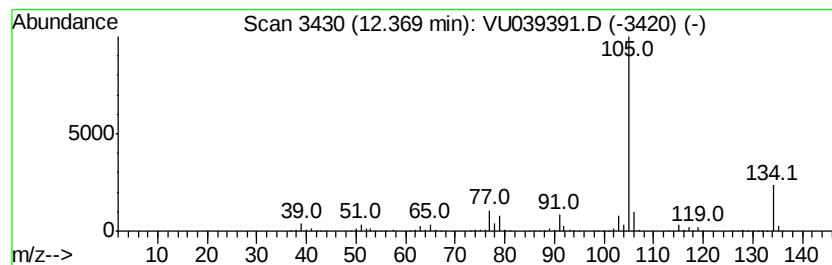
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	0.69 ug/L	1673700	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

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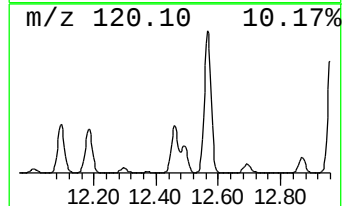
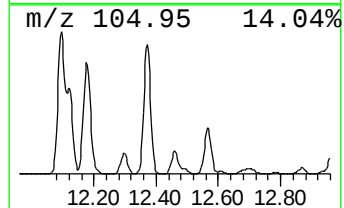
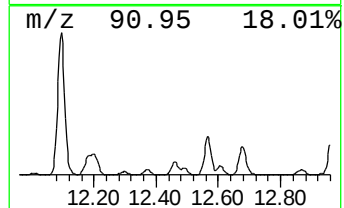
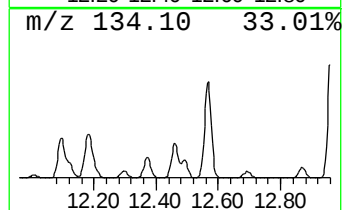
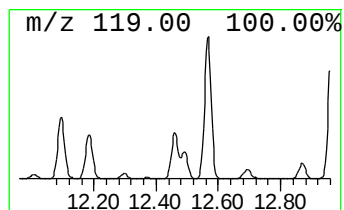
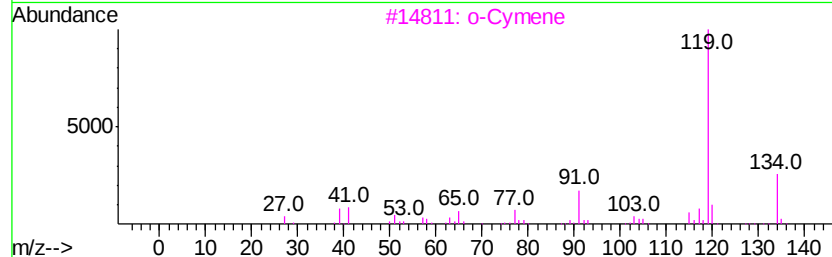
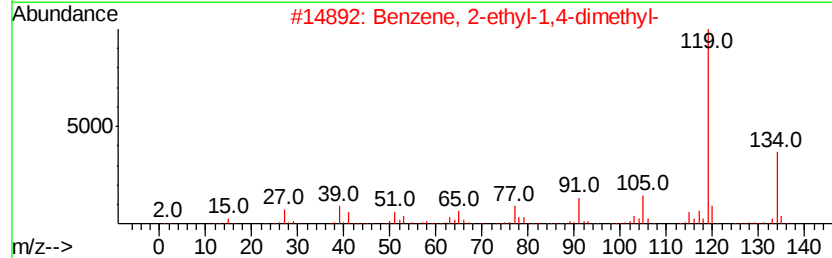
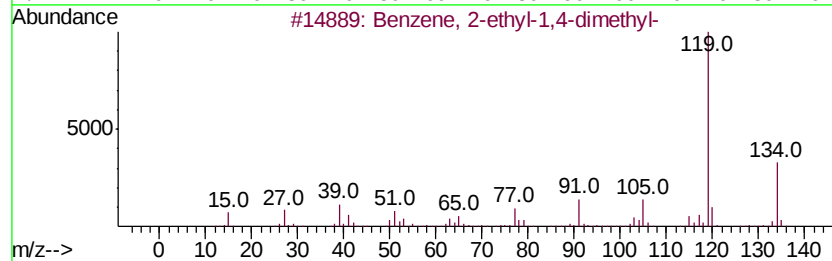
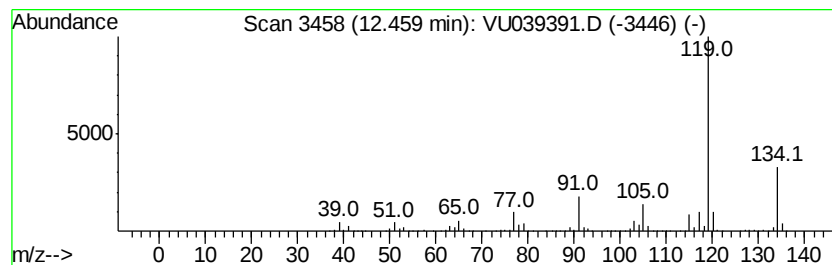
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	1.13 ug/L	2745080	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

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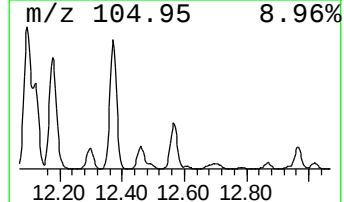
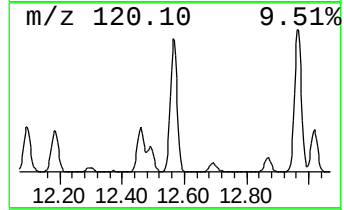
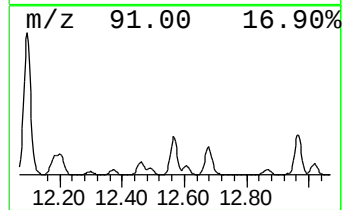
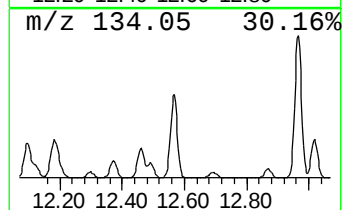
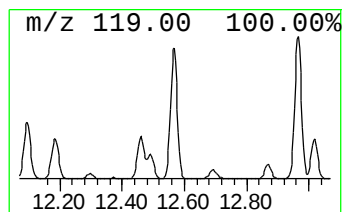
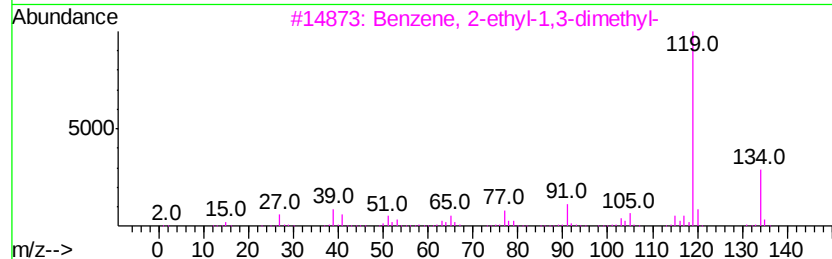
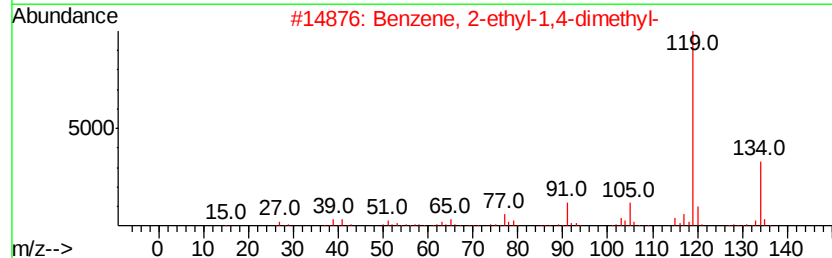
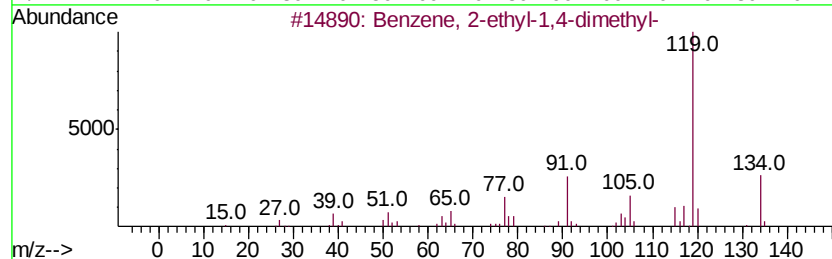
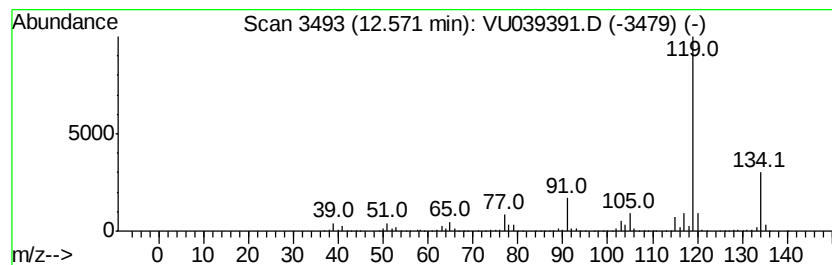
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.20 ug/L	7786960	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

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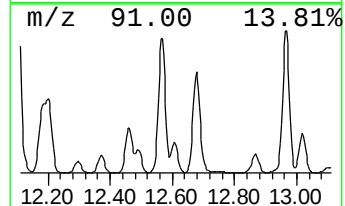
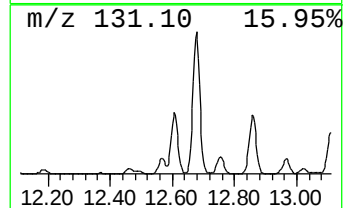
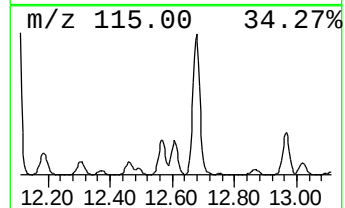
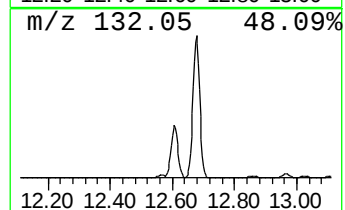
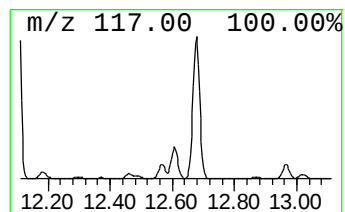
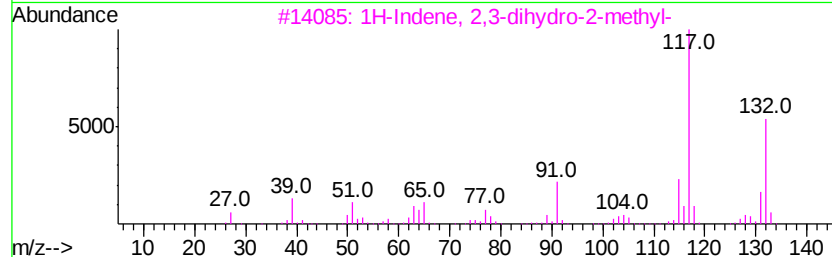
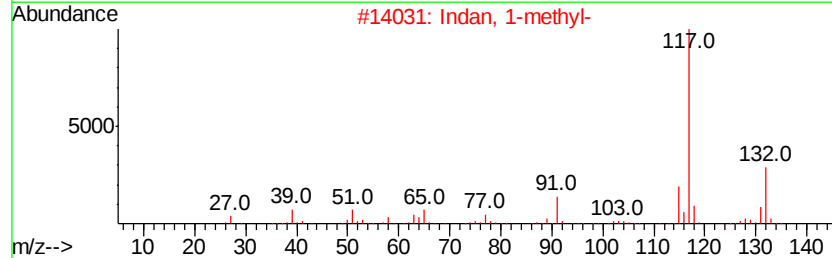
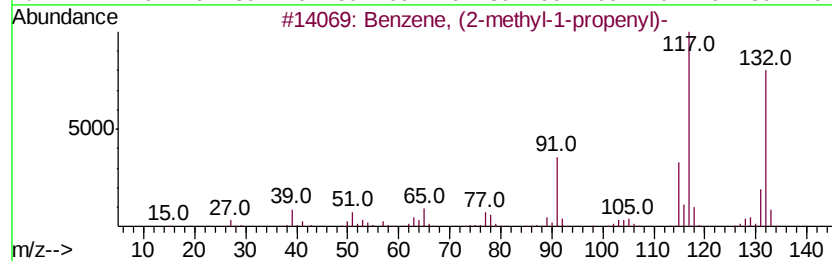
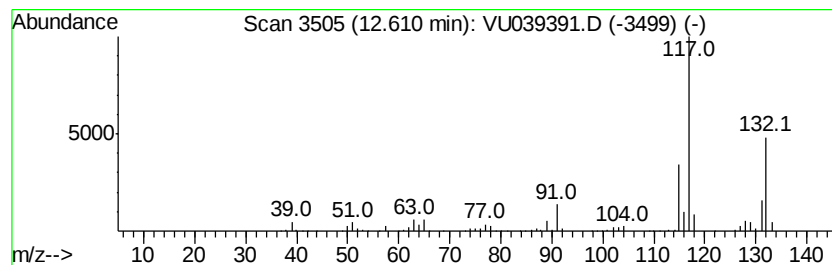
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 Benzene, (2-methyl-1-propen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	0.79 ug/L	1922790	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
2		Indan, 1-methyl-	132	C10H12	000767-58-8	90
3		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	90
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4B15

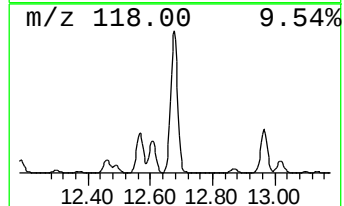
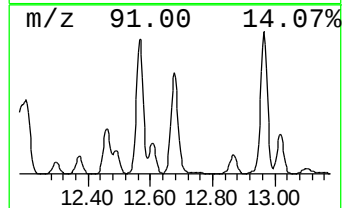
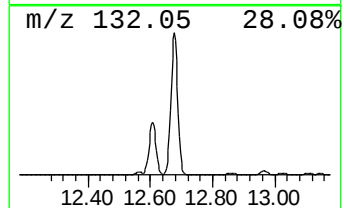
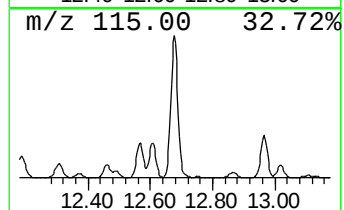
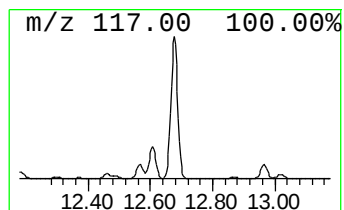
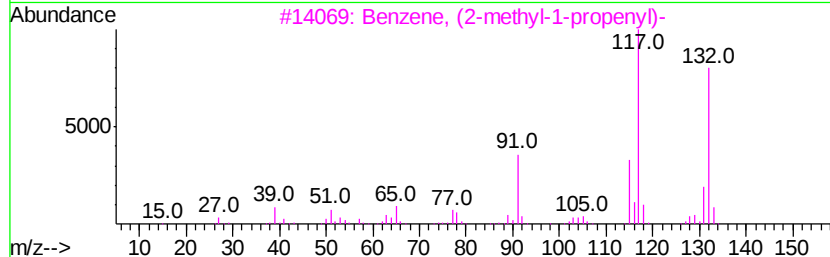
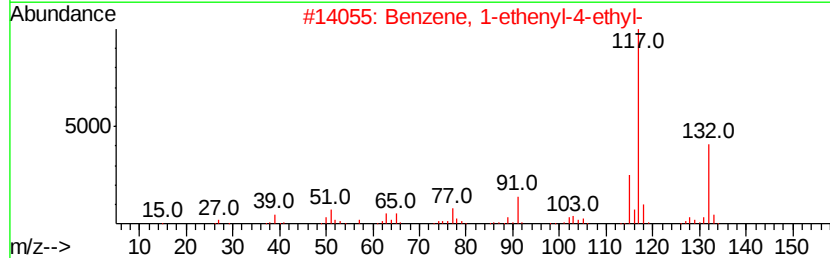
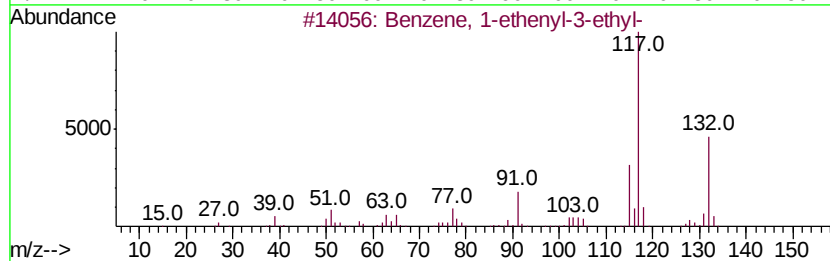
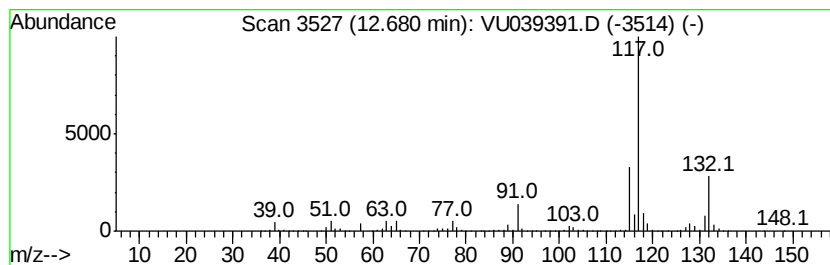
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	3.30 ug/L	8050190	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4		Indan, 1-methyl-	132	C10H12	000767-58-8	90
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4B15

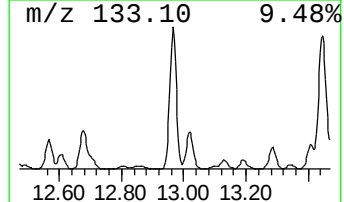
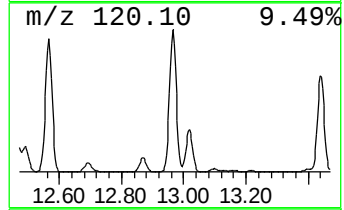
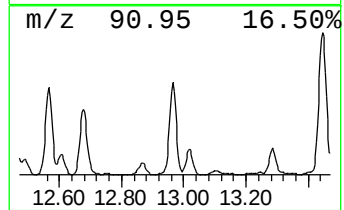
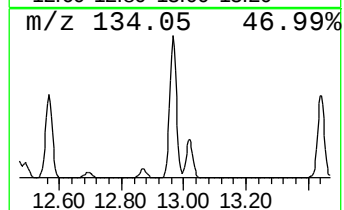
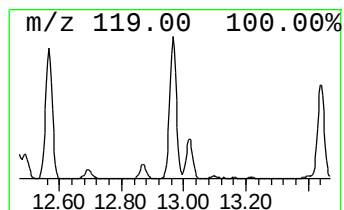
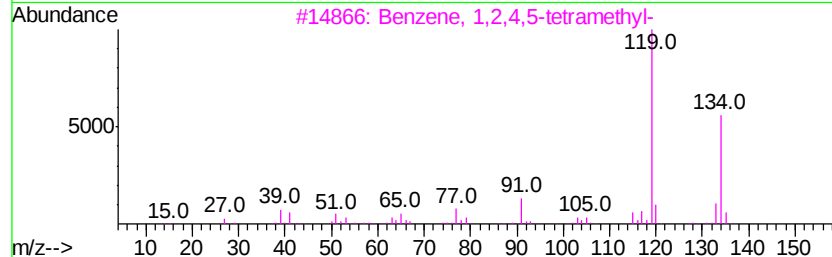
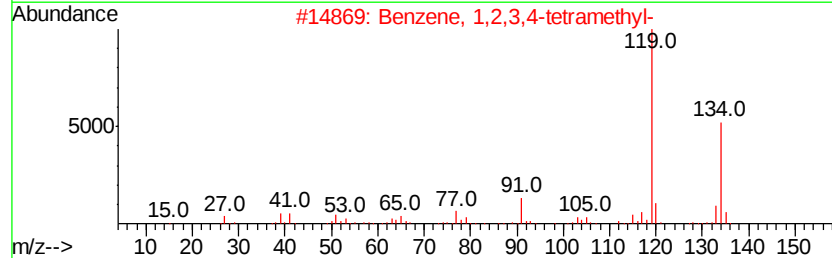
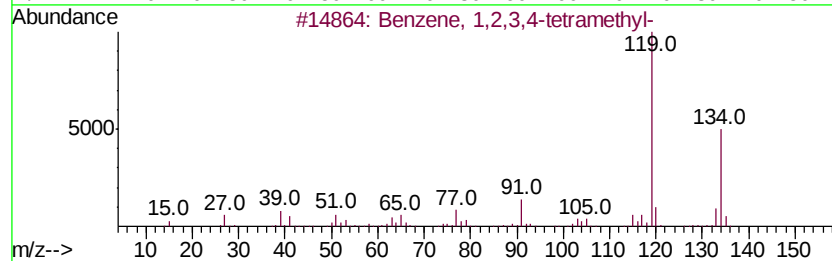
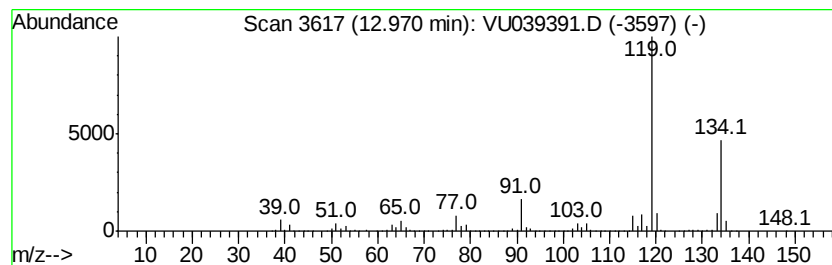
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	3.74 ug/L	9103300	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4B15

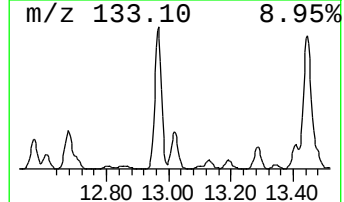
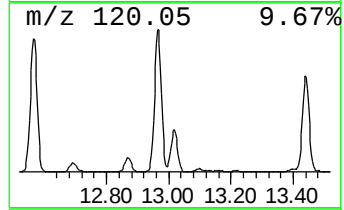
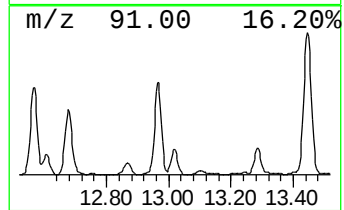
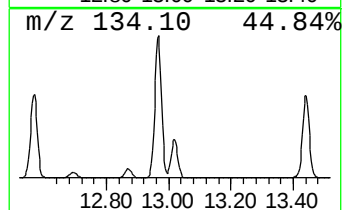
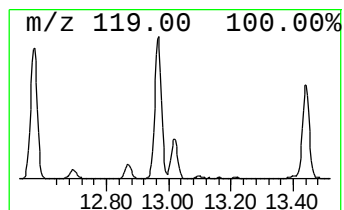
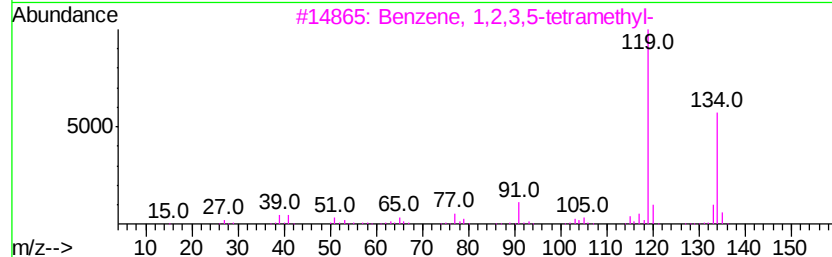
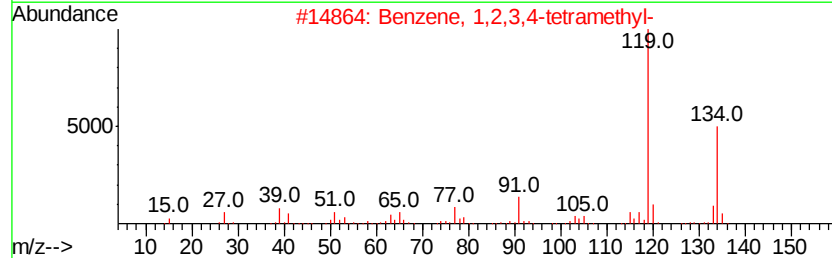
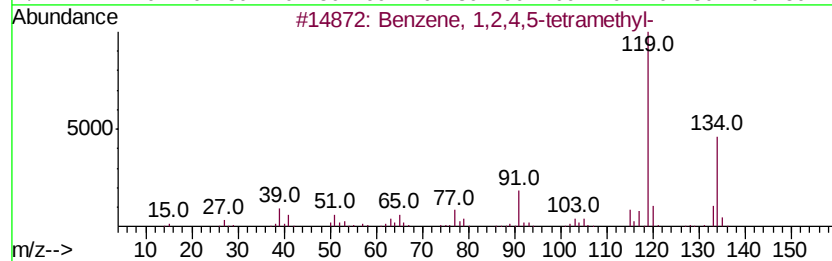
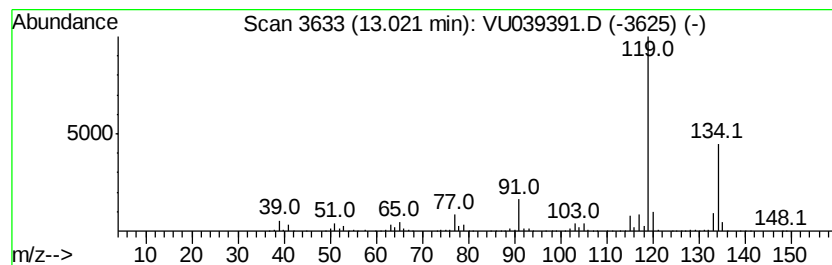
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	1.02 ug/L	2487460	1,4-Dichlorobenzene-d4	11.81

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4B15

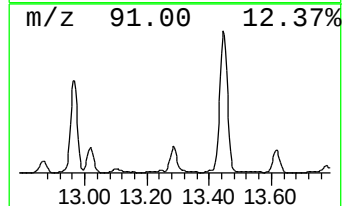
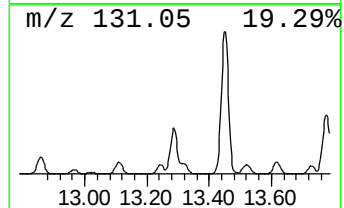
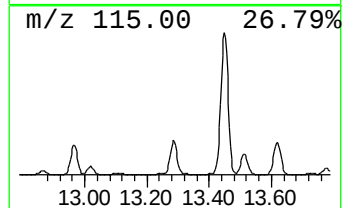
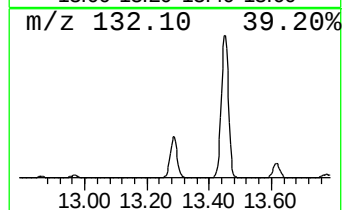
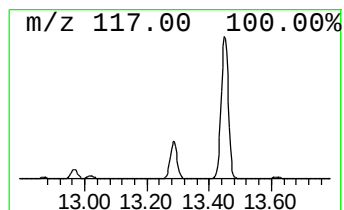
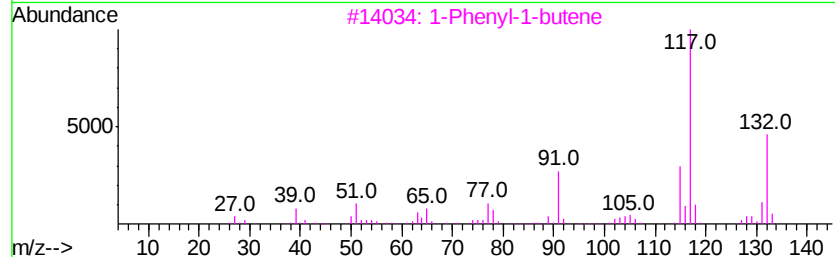
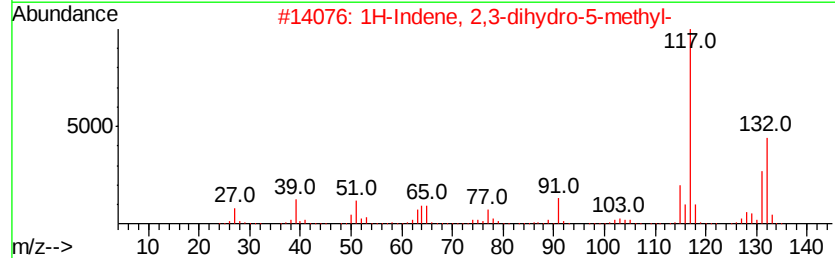
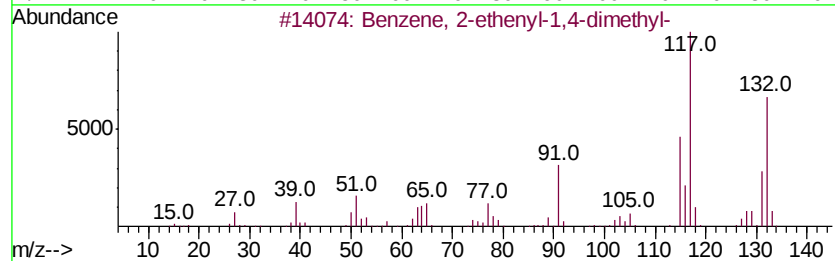
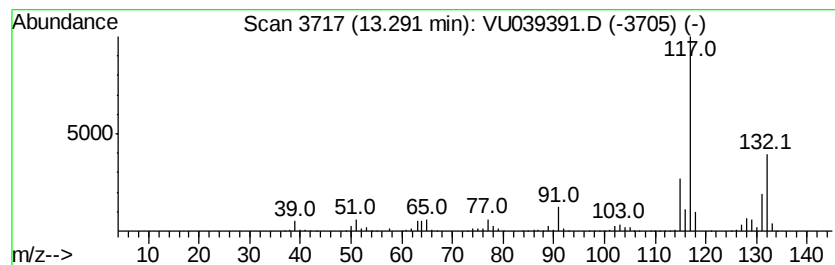
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 16 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	1.43 ug/L	3485230	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3			1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

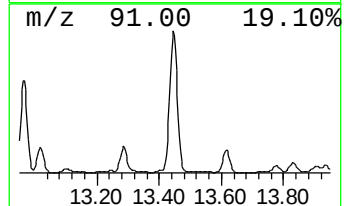
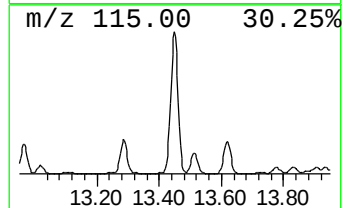
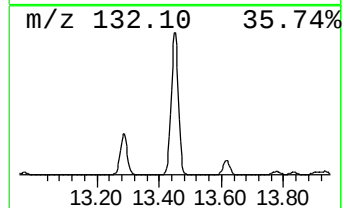
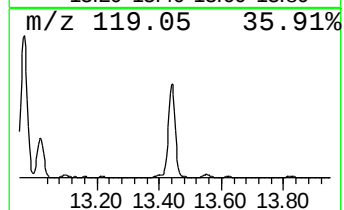
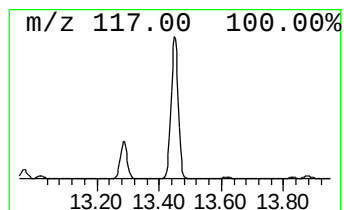
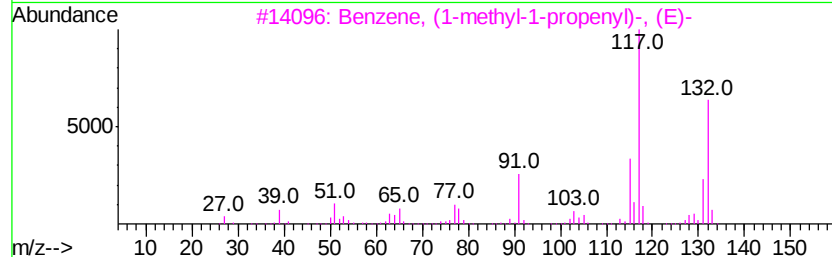
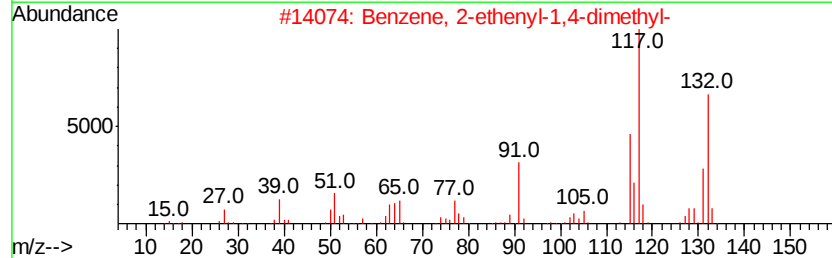
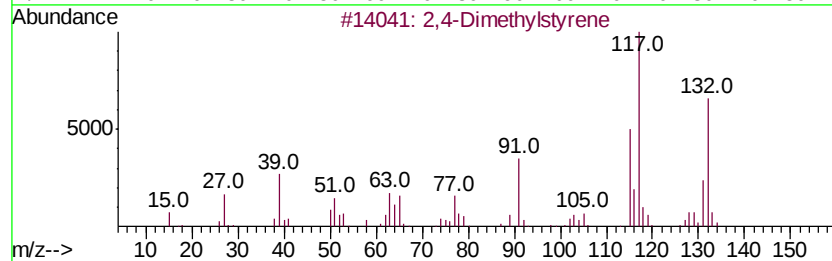
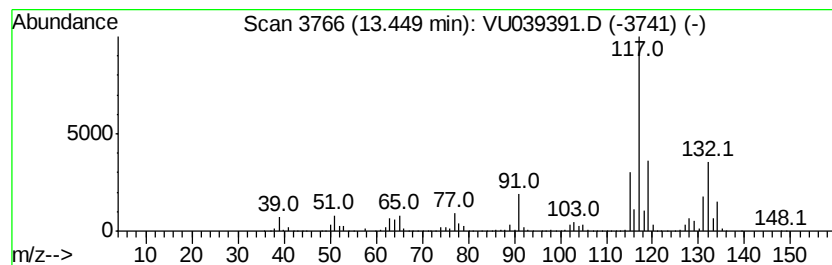
Instrument :
MSVOA_U
ClientSampleId :
F4B15

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

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

Peak Number 17 2,4-Dimethylstyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.45	8.00 ug/L	19503600	1,4-Dichlorobenzene-d4	11.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

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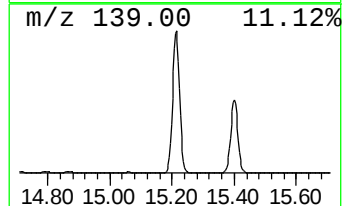
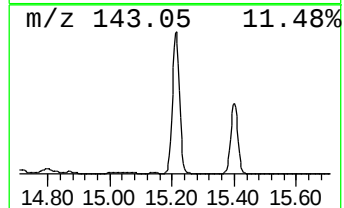
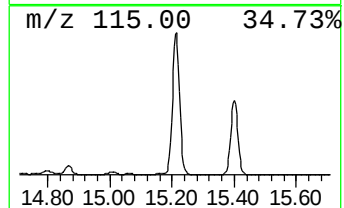
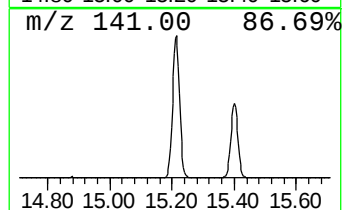
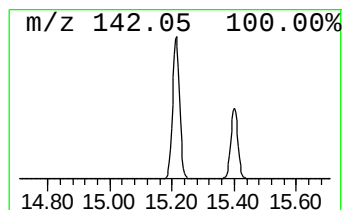
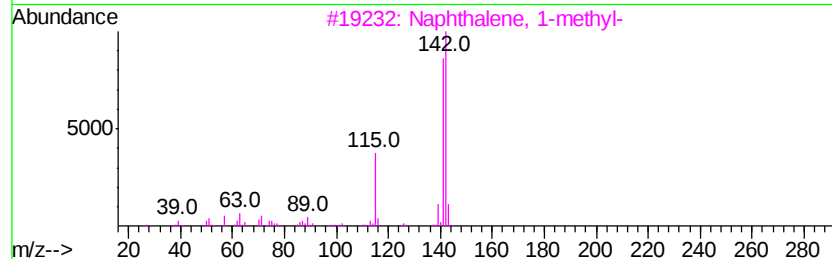
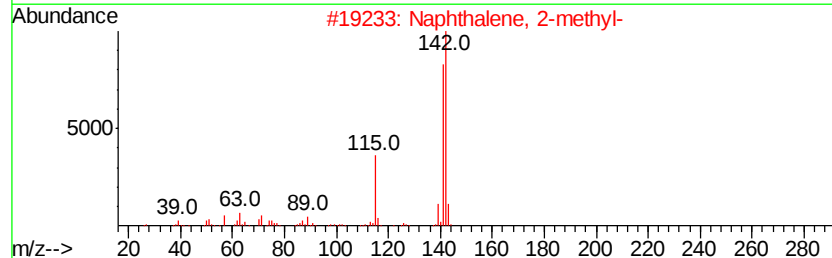
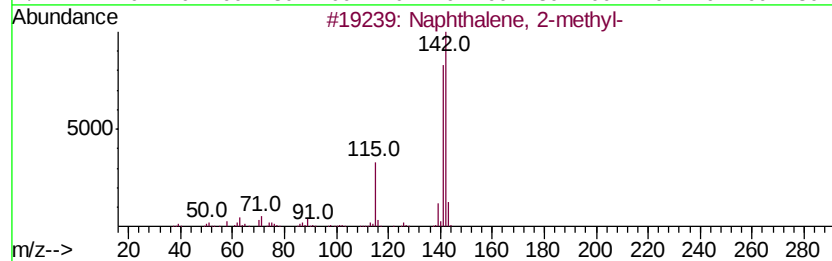
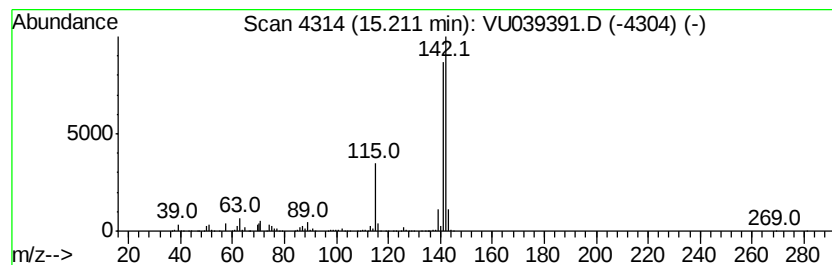
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	2.07 ug/L	5032740	1,4-Dichlorobenzene-d4	11.81

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
Data File : VU039391.D
Acq On : 09 Jul 2020 12:47
Operator : SY/MD
Sample : L3244-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4B15

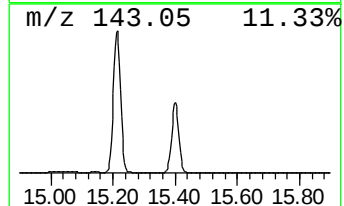
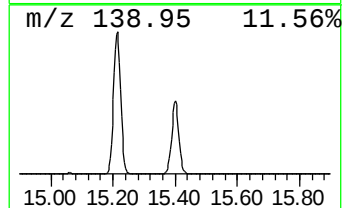
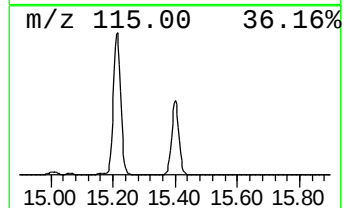
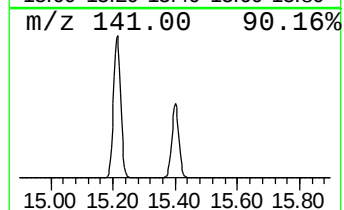
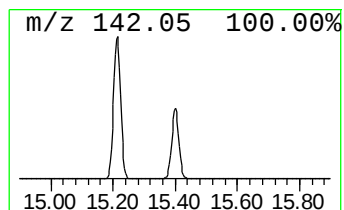
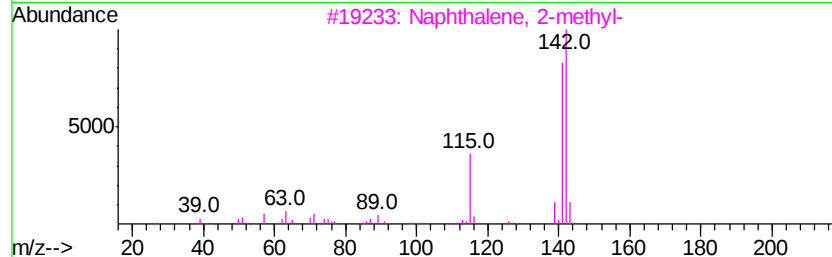
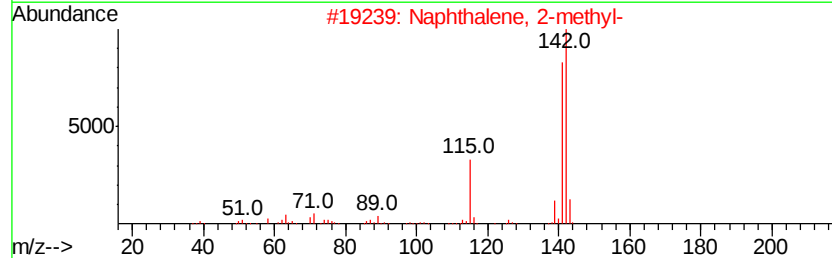
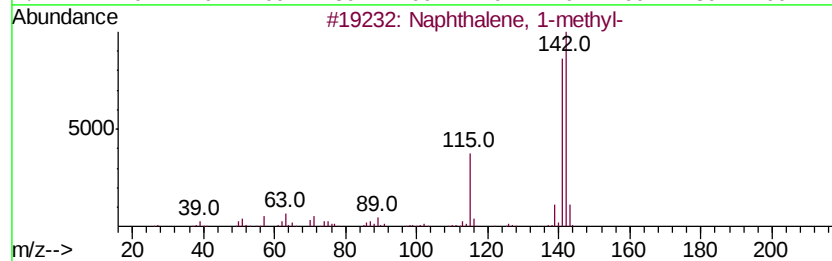
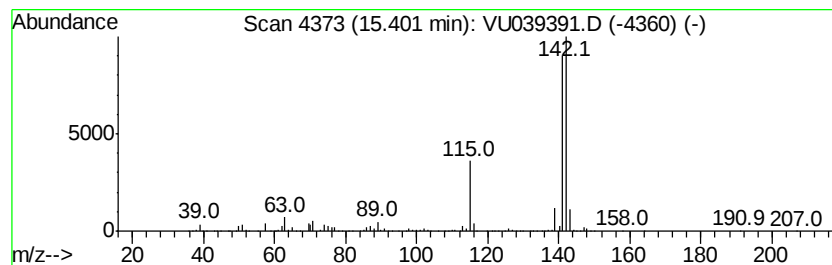
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 21 Naphthalene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	1.10 ug/L	2670800	1,4-Dichlorobenzene-d4	11.81

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
 Data File : VU039391.D
 Acq On : 09 Jul 2020 12:47
 Operator : SY/MD
 Sample : L3244-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4B15

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	4.56	14.5	ug/L	3621260	1	6.27	1247890	5.0
Benzene, propyl-	10.91	4.9	ug/L	11997500	3	11.81	12185000	5.0
Benzene, 1-ethyl-...	11.00	7.7	ug/L	18761100	3	11.81	12185000	5.0
Mesitylene	11.09	4.7	ug/L	11521900	3	11.81	12185000	5.0
Benzene, 1,2,3-tr...	11.30	17.1	ug/L	41666700	3	11.81	12185000	5.0
Benzene, 1,2,4-tr...	11.48	32.6	ug/L	79505500	3	11.81	12185000	5.0
unknown-01	11.89	5.0	ug/L	12185000	3	11.81	12185000	5.0
Indane	12.10	14.3	ug/L	34918900	3	11.81	12185000	5.0
Benzene, 1-methyl...	12.37	0.7	ug/L	1673700	3	11.81	12185000	5.0
Benzene, 2-ethyl-...	12.46	1.1	ug/L	2745080	3	11.81	12185000	5.0
Benzene, 2-ethyl-...	12.57	3.2	ug/L	7786960	3	11.81	12185000	5.0
Benzene, (2-methy...	12.61	0.8	ug/L	1922790	3	11.81	12185000	5.0
Benzene, 1-etheny...	12.68	3.3	ug/L	8050190	3	11.81	12185000	5.0
Benzene, 1,2,3,4-...	12.97	3.7	ug/L	9103300	3	11.81	12185000	5.0
Benzene, 1,2,4,5-...	13.02	1.0	ug/L	2487460	3	11.81	12185000	5.0
1H-Indene, 2,3-di...	13.29	1.4	ug/L	3485230	3	11.81	12185000	5.0
2,4-Dimethylstyrene	13.45	8.0	ug/L	19503600	3	11.81	12185000	5.0
Naphthalene, 1-me...	15.21	2.1	ug/L	5032740	3	11.81	12185000	5.0
Naphthalene, 2-me...	15.40	1.1	ug/L	2670800	3	11.81	12185000	5.0