

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018627.D
 Acq On : 28 Sep 2020 20:07
 Operator : JC/SP
 Sample : L4135-07
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG481

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_X\METHOD\SOMXTR092820WMA.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	2.166	171	177	187	rBV	2178531	3304129	2.07%	1.275%
2	3.824	435	449	468	rBV	3057469	8201935	5.15%	3.166%
3	6.117	818	825	838	rVB	719020	1903064	1.19%	0.734%
4	10.140	1474	1485	1490	rBV2	91680849	159259264	100.00%	61.466%
5	11.006	1621	1627	1633	rBV	42265900	55979714	35.15%	21.605%
6	11.268	1666	1670	1675	rVB	2052973	2338312	1.47%	0.902%
7	11.341	1675	1682	1688	rVV2	2873656	3856721	2.42%	1.488%
8	11.756	1742	1750	1754	rBV	2191989	2877709	1.81%	1.111%
9	12.079	1795	1803	1807	rBV3	1845175	3519339	2.21%	1.358%
10	12.122	1807	1810	1815	rVB2	1434549	1731664	1.09%	0.668%
11	12.286	1830	1837	1844	rVV	2433341	3227673	2.03%	1.246%
12	12.372	1844	1851	1858	rVB3	1261752	2502996	1.57%	0.966%
13	12.652	1889	1897	1901	rBV	1995604	2395879	1.50%	0.925%
14	12.963	1940	1948	1951	rBV	1347651	1729926	1.09%	0.668%
15	13.329	2004	2008	2014	rVB2	1496615	1986177	1.25%	0.767%
16	14.560	2205	2210	2214	rVB	1406172	1665279	1.05%	0.643%
17	16.151	2463	2471	2479	rBV	1654147	2622605	1.65%	1.012%

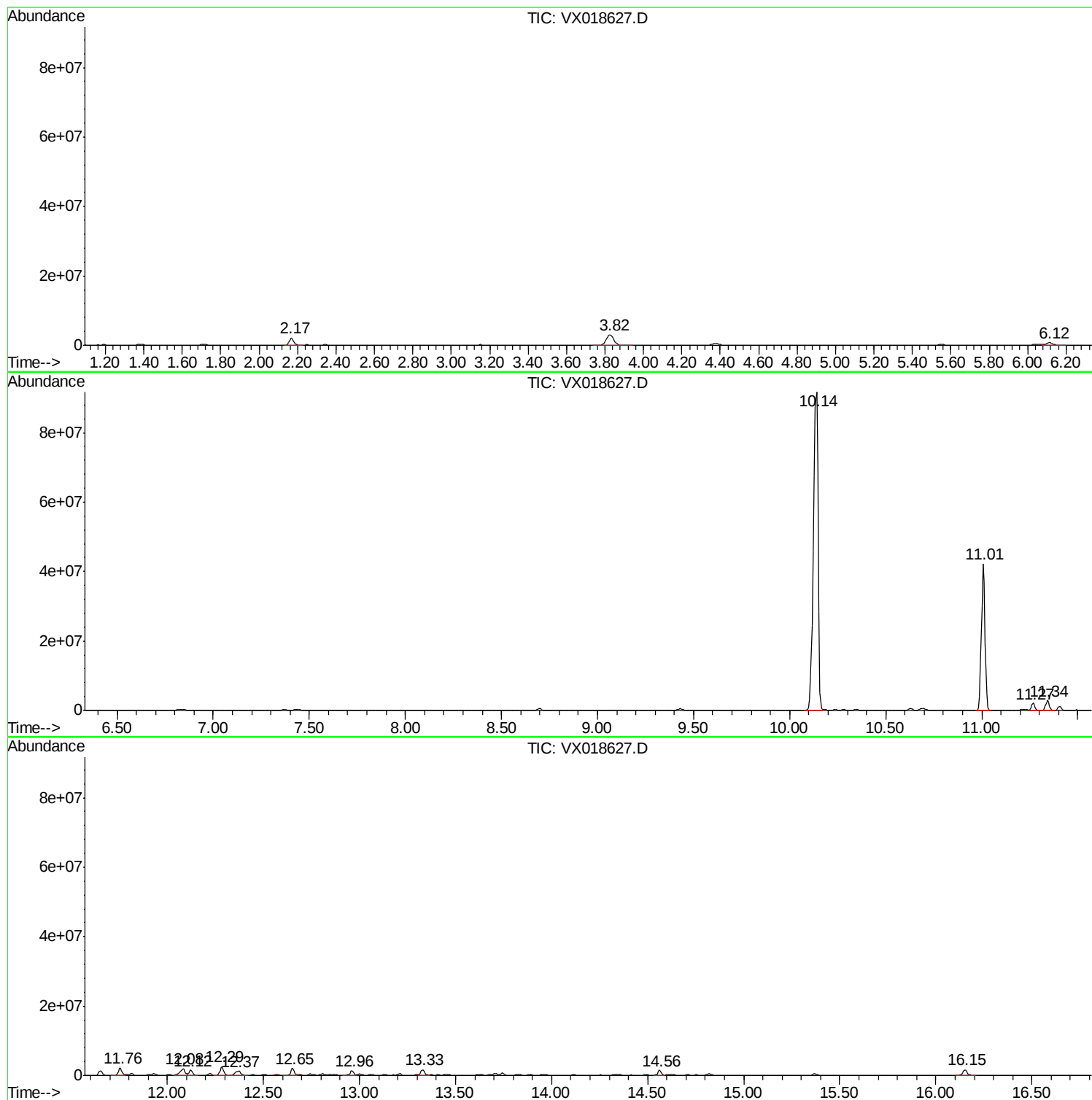
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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



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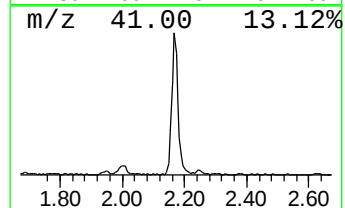
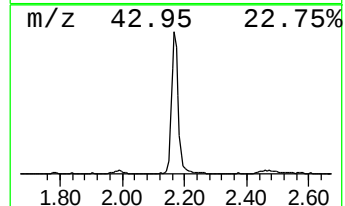
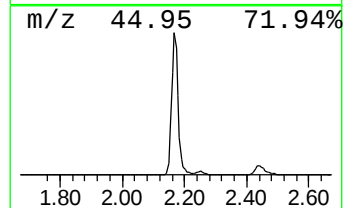
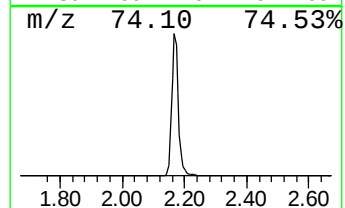
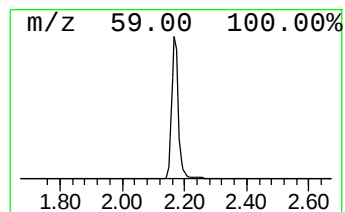
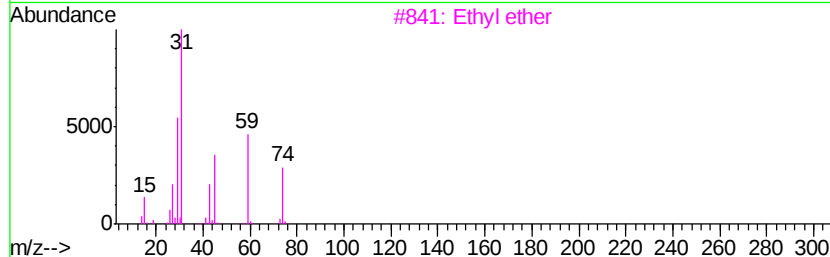
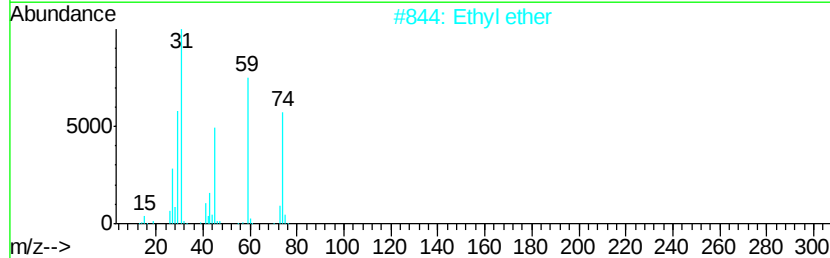
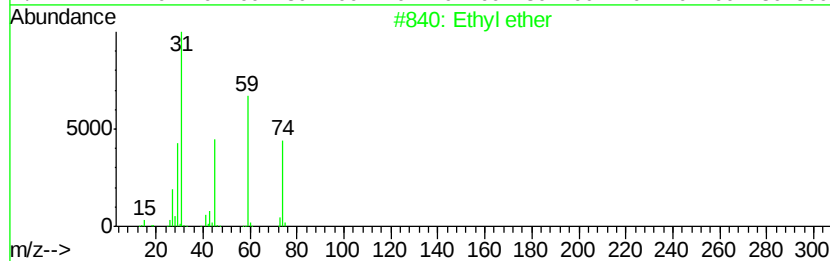
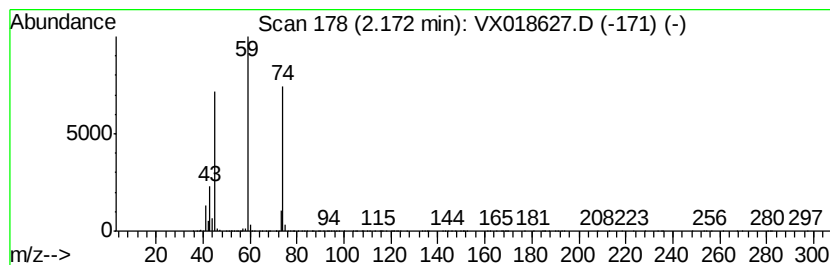
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	8.68 ug/L	3304130	1,4-Difluorobenzene	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl ether	74	C4H10O	000060-29-7	90
2		Ethyl ether	74	C4H10O	000060-29-7	90
3		Ethyl ether	74	C4H10O	000060-29-7	90
4		Ethyl ether	74	C4H10O	000060-29-7	83
5		Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	64



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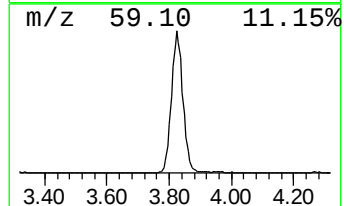
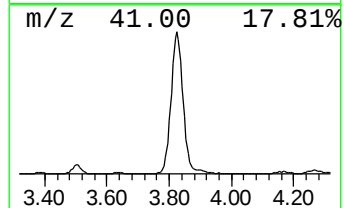
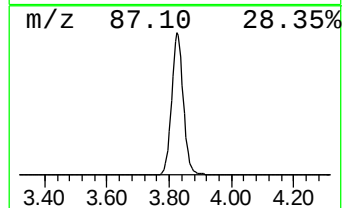
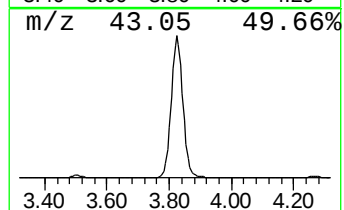
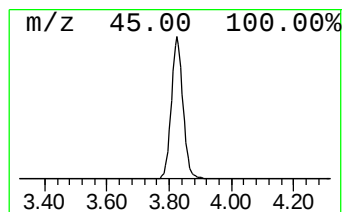
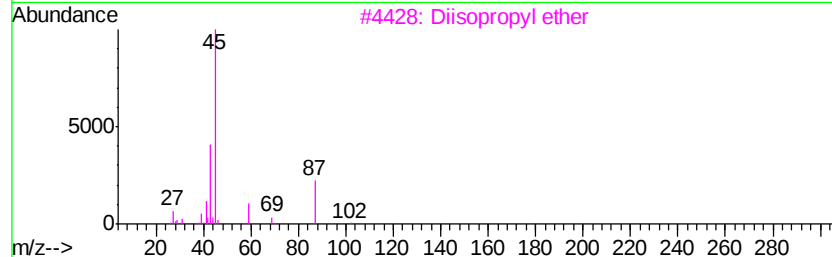
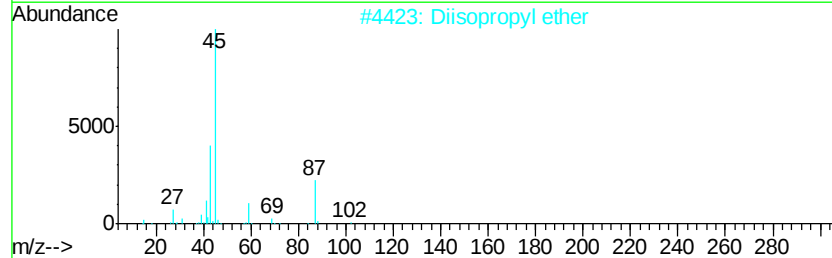
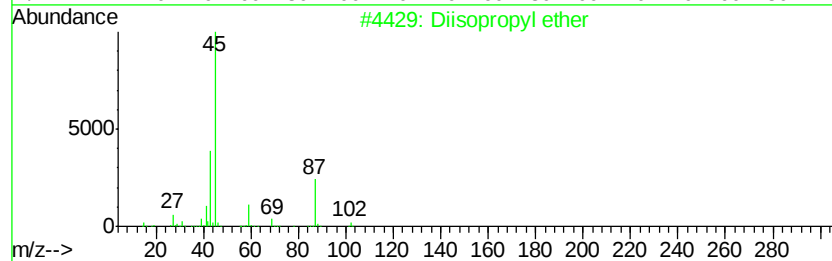
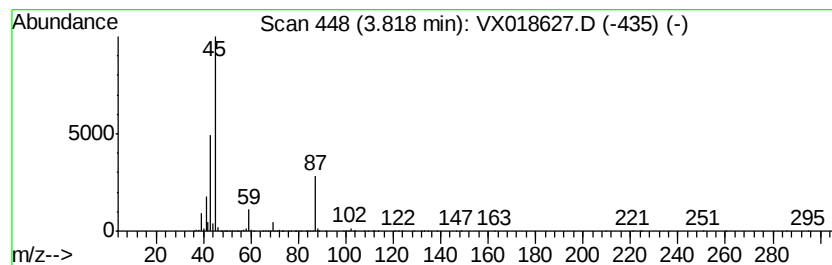
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 Quant Title : TRACE VOA SOM01.0

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

 Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	21.55 ug/L	8201940	1,4-Difluorobenzene	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diisopropyl ether	102	C6H14O	000108-20-3	90
2		Diisopropyl ether	102	C6H14O	000108-20-3	83
3		Diisopropyl ether	102	C6H14O	000108-20-3	83
4		1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	83
5		Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64



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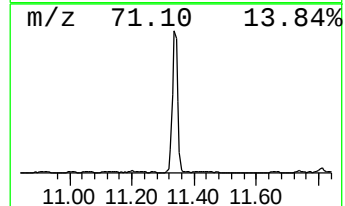
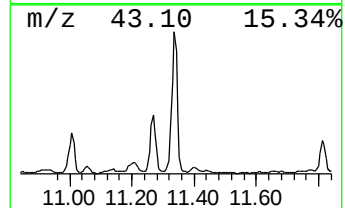
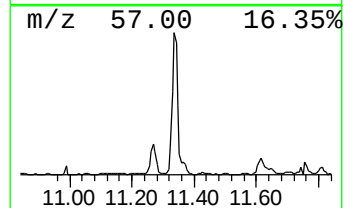
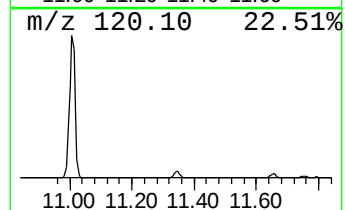
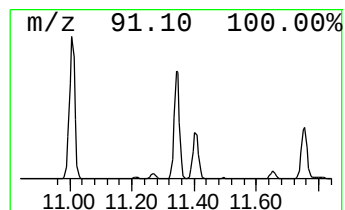
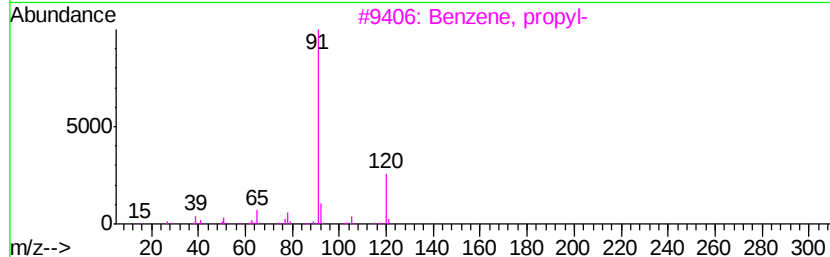
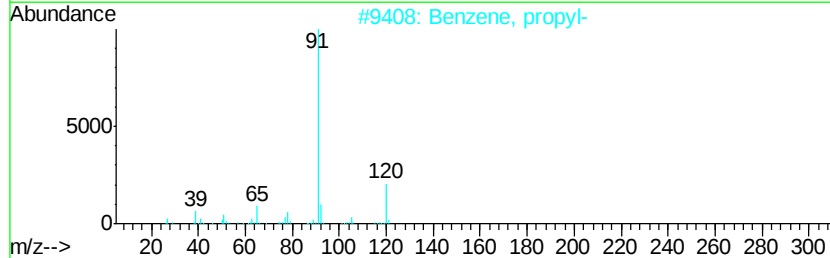
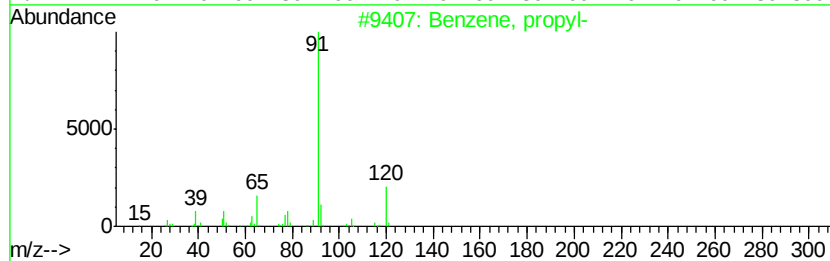
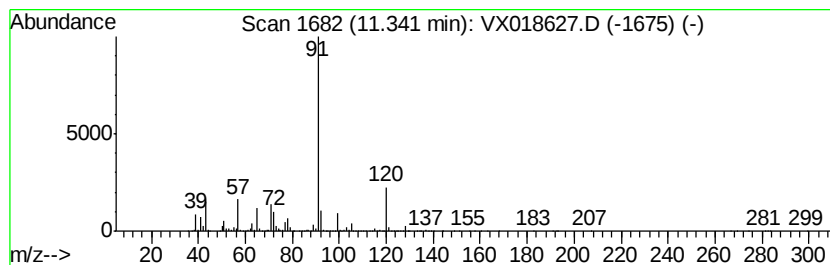
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	5.48 ug/L	3856720	1,4-Dichlorobenzene-d4	12.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	60
2		Benzene, propyl-	120	C9H12	000103-65-1	60
3		Benzene, propyl-	120	C9H12	000103-65-1	53
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	47
5		Propanenitrile, 3-[(phenylmethyl...]	160	C10H12N2	000706-03-6	47



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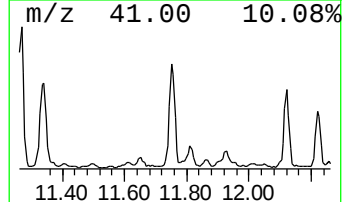
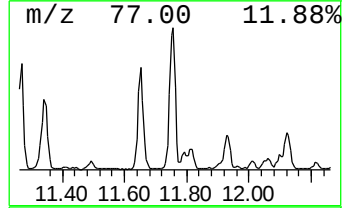
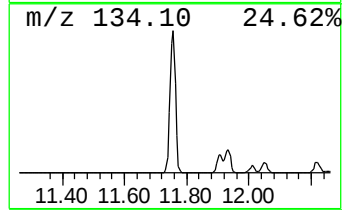
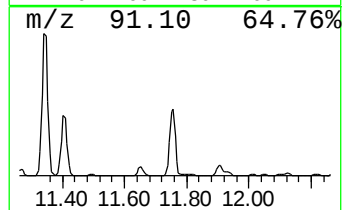
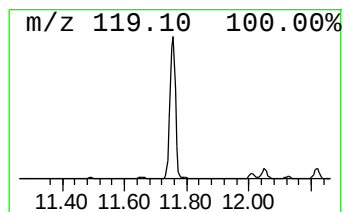
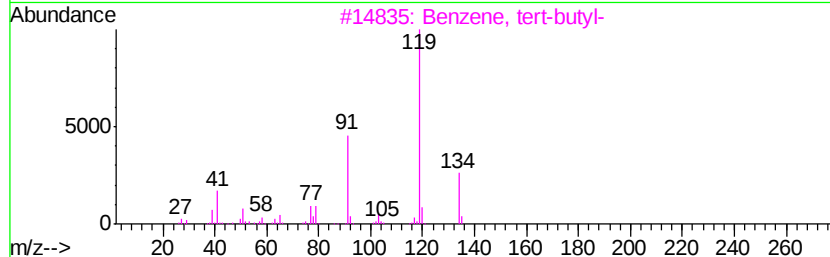
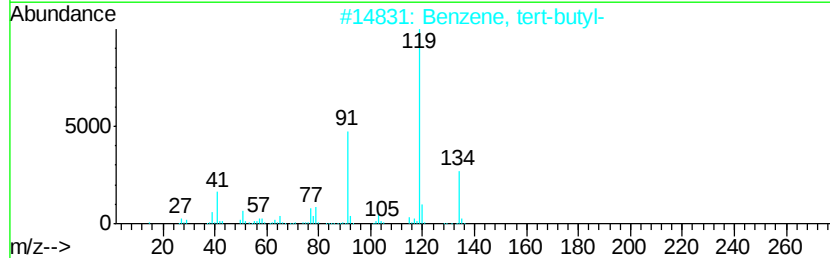
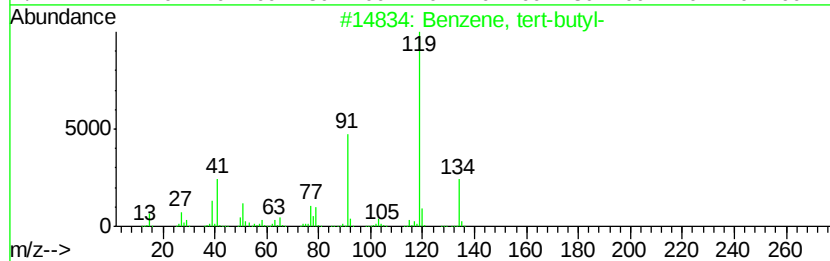
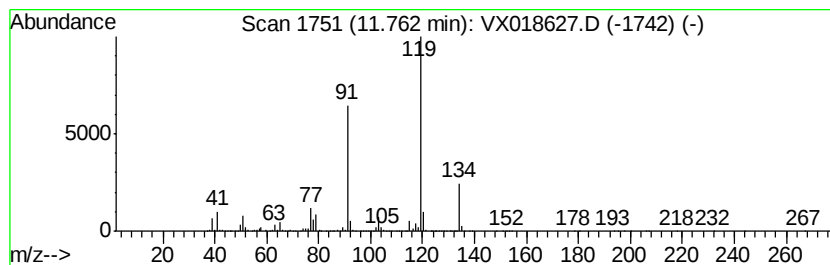
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, tert-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.09 ug/L	2877710	1,4-Dichlorobenzene-d4	12.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	94	
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	91	
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	90	
4	o-Cymene	134	C10H14	000527-84-4	83	
5	o-Cymene	134	C10H14	000527-84-4	83	



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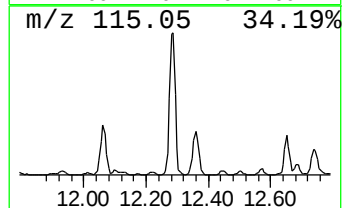
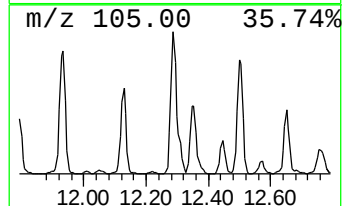
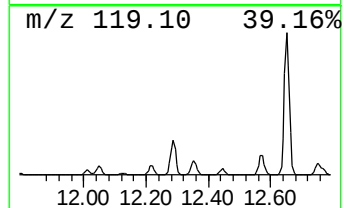
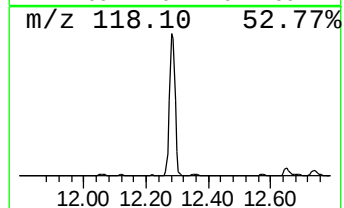
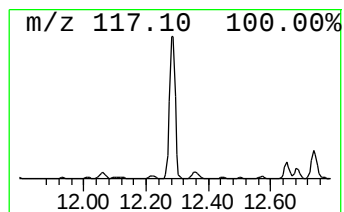
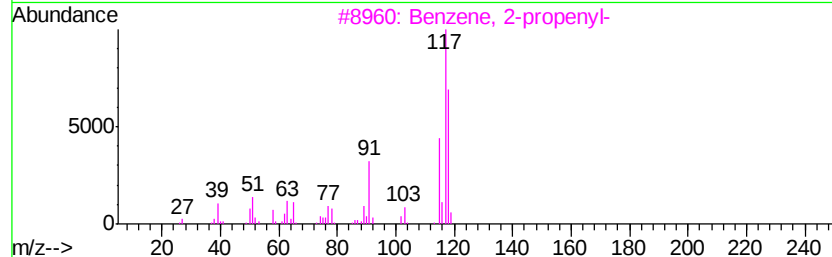
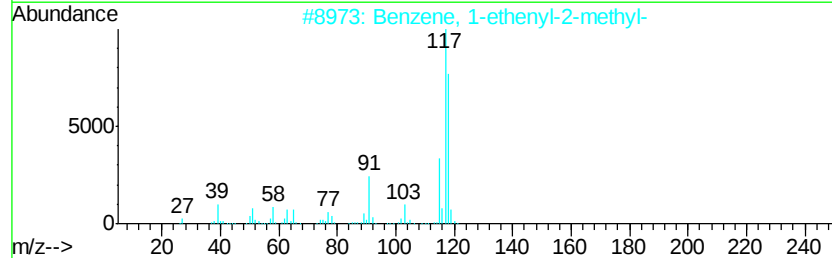
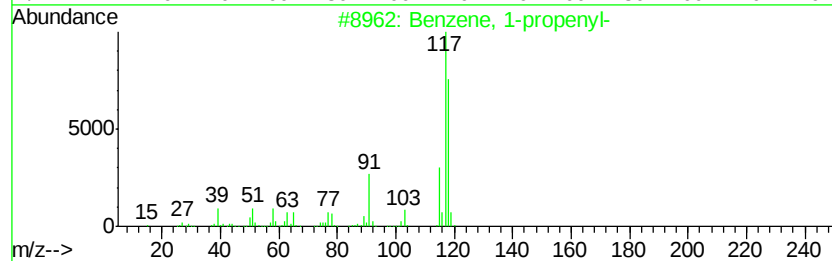
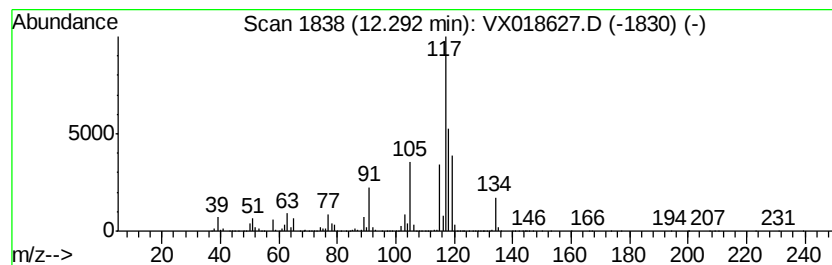
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Benzene, 1-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.59 ug/L	3227670	1,4-Dichlorobenzene-d4	12.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4		Indane	118	C9H10	000496-11-7	64
5		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	64



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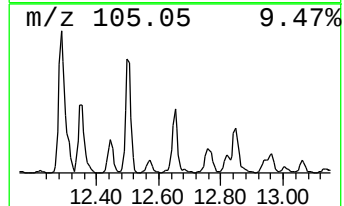
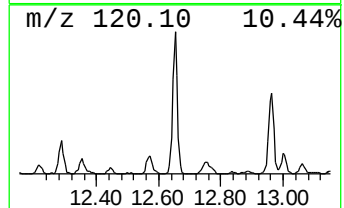
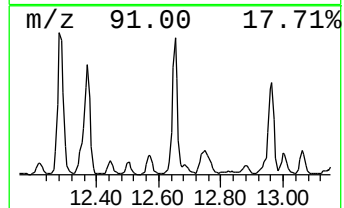
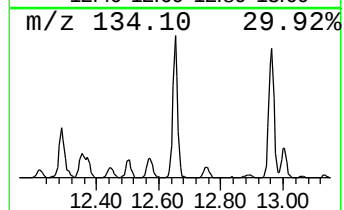
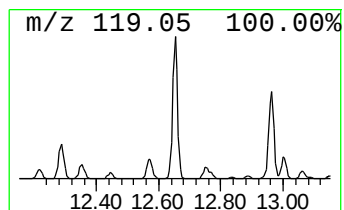
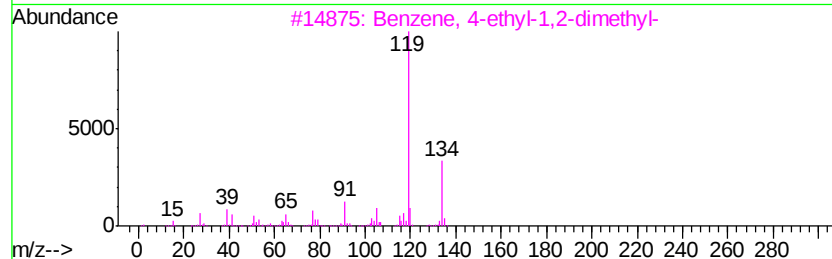
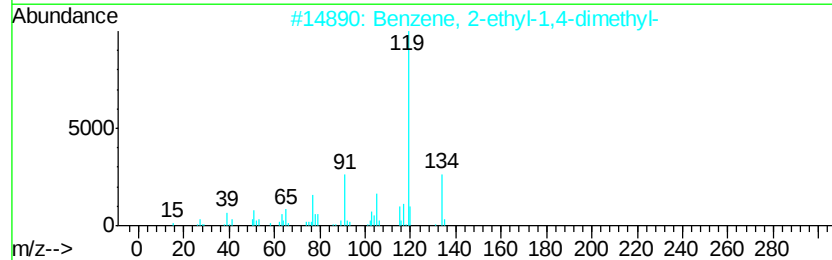
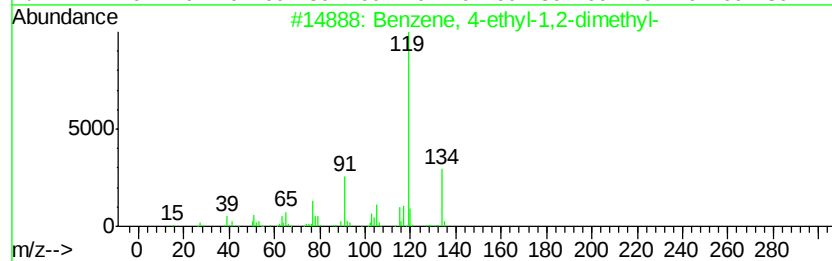
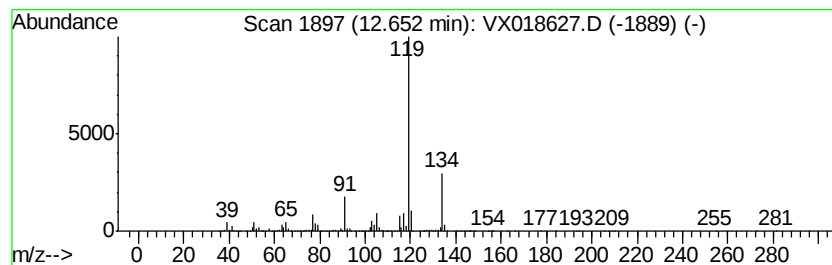
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	3.40 ug/L	2395880	1,4-Dichlorobenzene-d4	12.06

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-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018627.D
Acq On : 28 Sep 2020 20:07
Operator : JC/SP
Sample : L4135-07
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG481

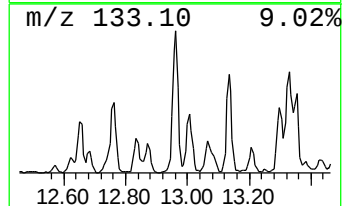
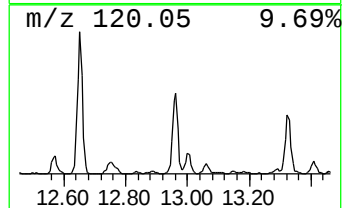
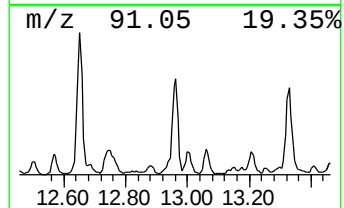
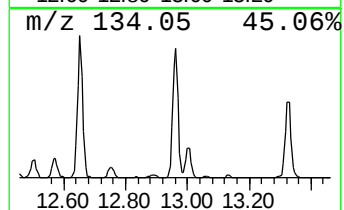
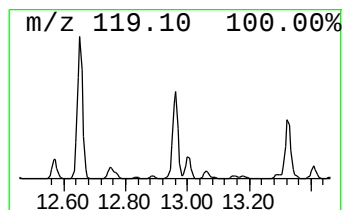
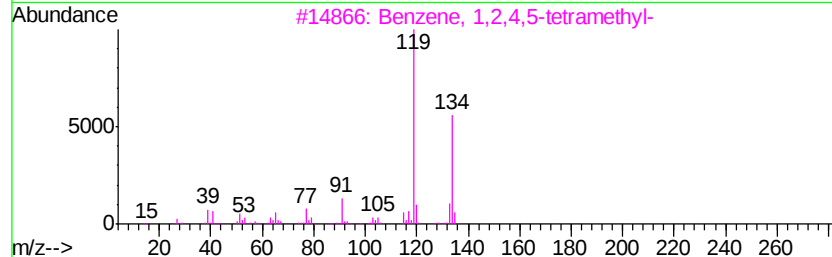
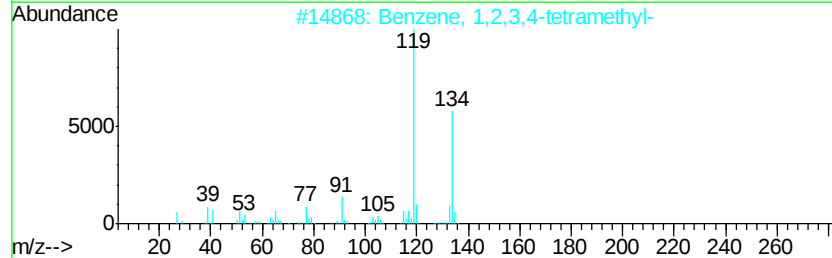
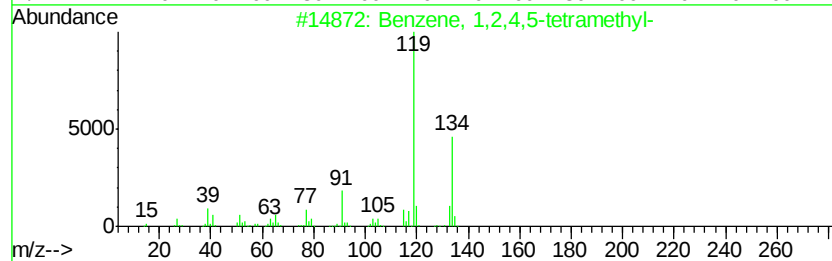
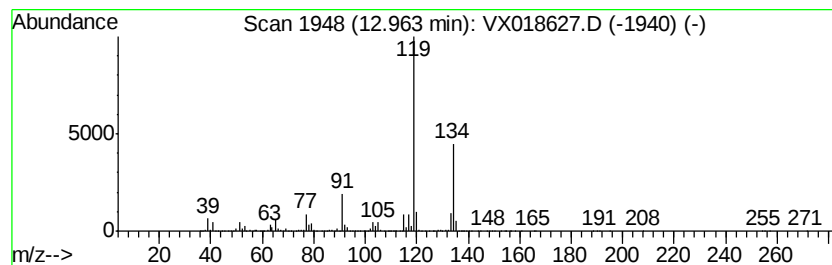
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.46 ug/L	1729930	1,4-Dichlorobenzene-d4	12.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018627.D
Acq On : 28 Sep 2020 20:07
Operator : JC/SP
Sample : L4135-07
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG481

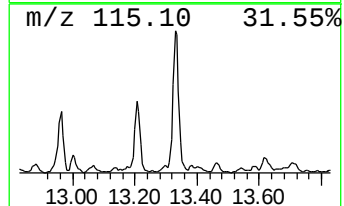
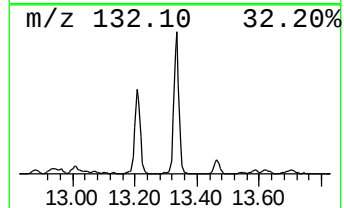
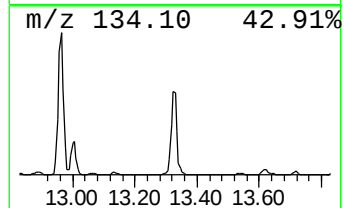
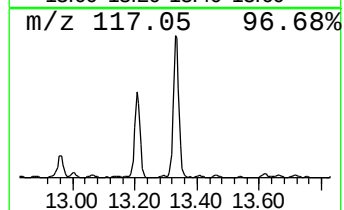
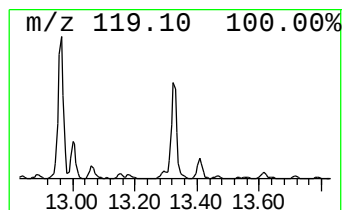
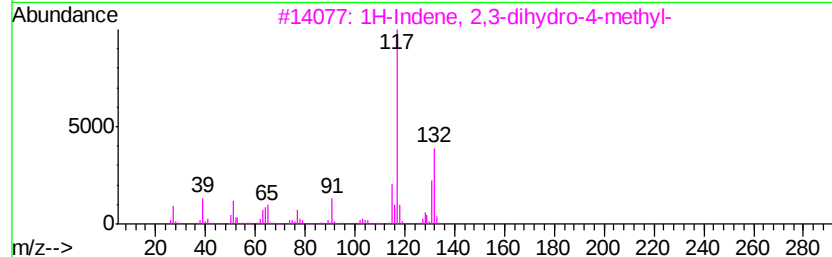
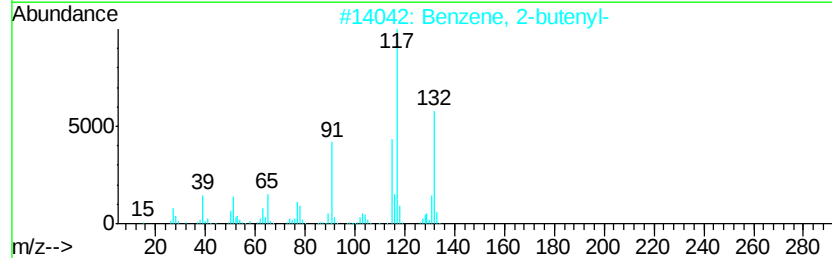
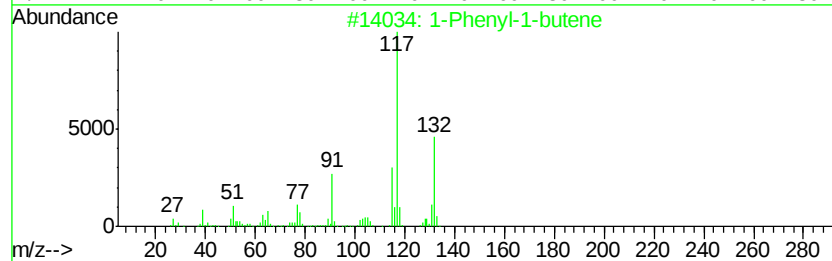
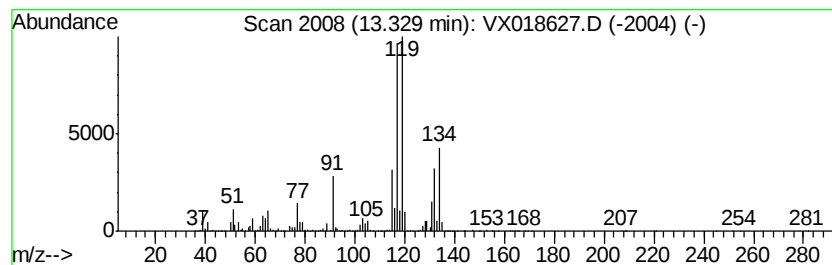
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.82 ug/L	1986180	1,4-Dichlorobenzene-d4	12.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018627.D
Acq On : 28 Sep 2020 20:07
Operator : JC/SP
Sample : L4135-07
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

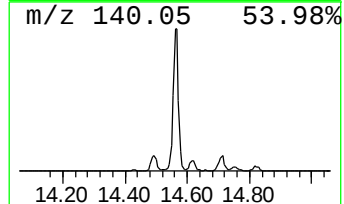
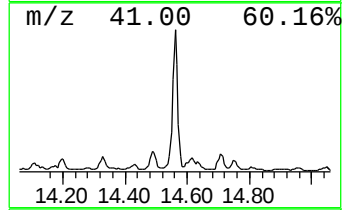
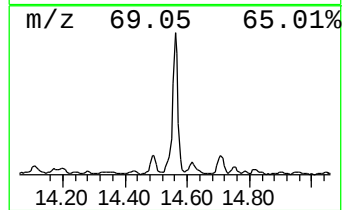
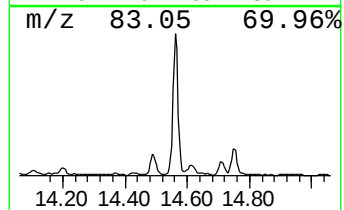
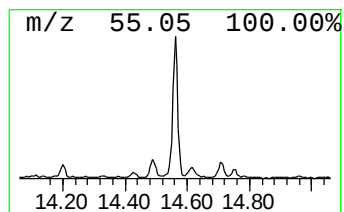
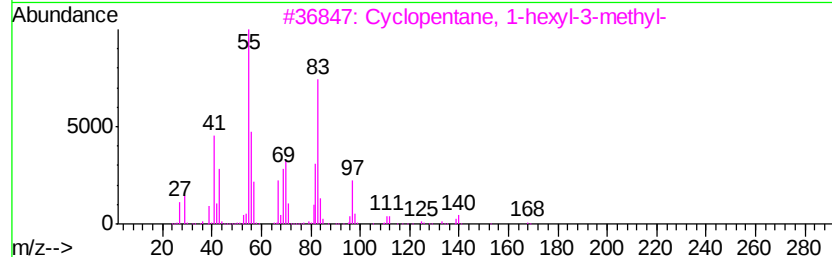
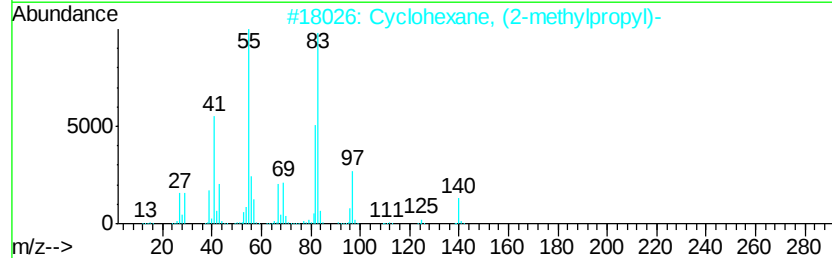
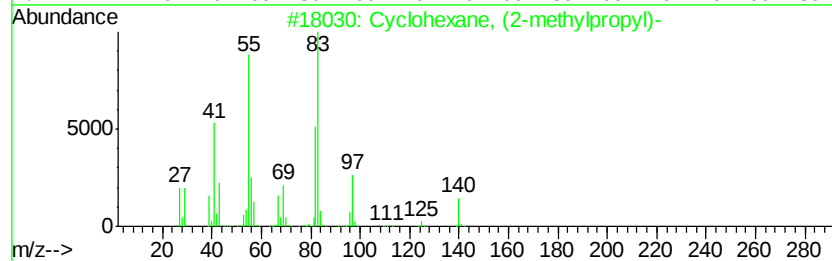
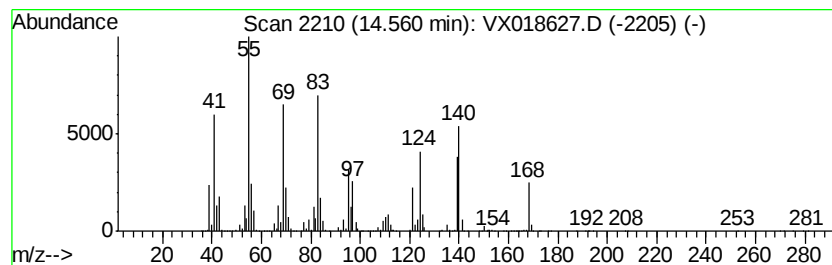
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic14.56 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.56	2.37 ug/L	1665280	1,4-Dichlorobenzene-d4	12.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, (2-methylpropvl)-	140	C10H20	001678-98-4	46
2	Cvclohexane, (2-methylpropvl)-	140	C10H20	001678-98-4	46
3	Cvclopentane, 1-hexvl-3-methyl-	168	C12H24	061142-68-5	43
4	Cvclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	41
5	2,4-Dimethoxypyrimidine	140	C6H8N2O2	003551-55-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092820\
Data File : VX018627.D
Acq On : 28 Sep 2020 20:07
Operator : JC/SP
Sample : L4135-07
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

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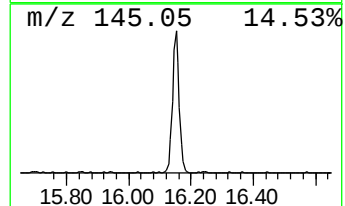
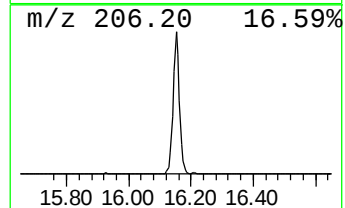
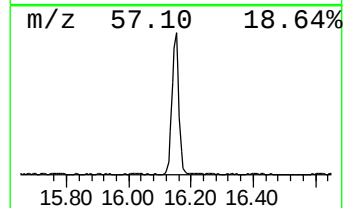
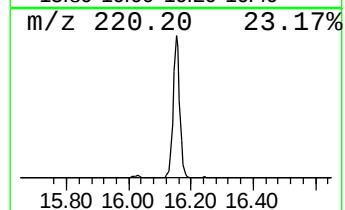
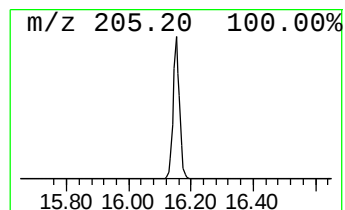
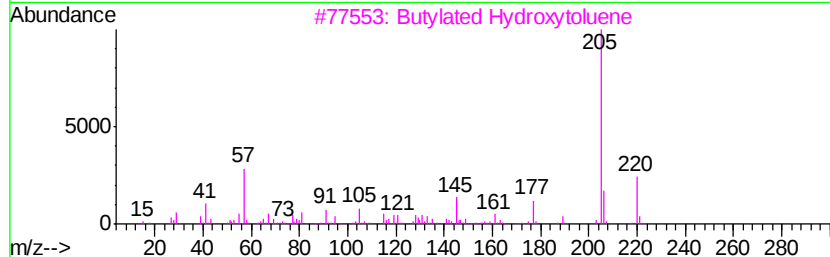
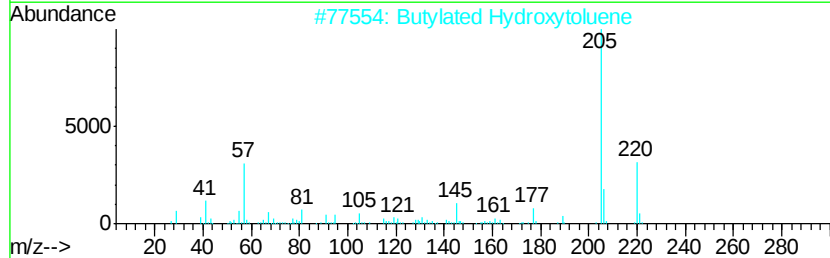
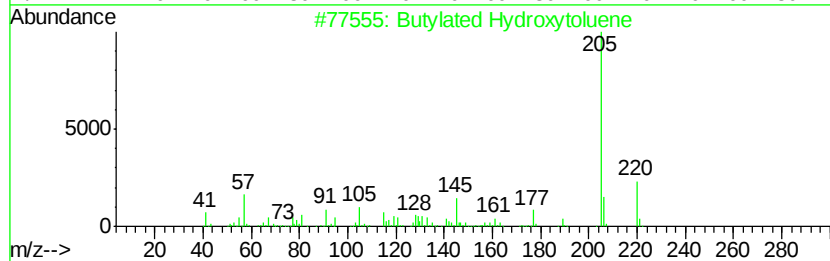
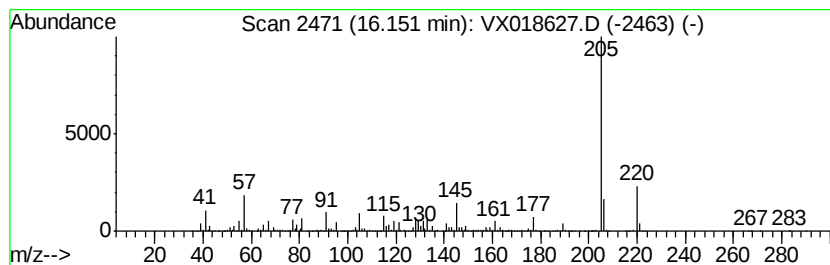
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Butylated Hydroxytoluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	3.73 ug/L	2622610	1,4-Dichlorobenzene-d4	12.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
3		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
4		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
5		Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092820\
Data File : VX018627.D
Acq On : 28 Sep 2020 20:07
Operator : JC/SP
Sample : L4135-07
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG481

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.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
Ethyl ether	2.17	8.7	ug/L	3304130	1	6.84	1903060	5.0
Diisopropyl ether	3.82	21.6	ug/L	8201940	1	6.84	1903060	5.0
Benzene, propyl-	11.34	5.5	ug/L	3856720	3	12.06	3519340	5.0
Benzene, tert-butyl-	11.76	4.1	ug/L	2877710	3	12.06	3519340	5.0
Benzene, 1-propenyl-	12.29	4.6	ug/L	3227670	3	12.06	3519340	5.0
Benzene, 4-ethyl-...	12.65	3.4	ug/L	2395880	3	12.06	3519340	5.0
Benzene, 1,2,4,5-...	12.96	2.5	ug/L	1729930	3	12.06	3519340	5.0
1-Phenyl-1-butene	13.33	2.8	ug/L	1986180	3	12.06	3519340	5.0
(DEL) Alkane: Cyc...	14.56	2.4	ug/L	1665280	3	12.06	3519340	5.0
Butylated Hydroxy...	16.15	3.7	ug/L	2622610	3	12.06	3519340	5.0