

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
 Data File : VX018804.D
 Acq On : 06 Oct 2020 17:14
 Operator : JC/SP
 Sample : L4239-01DL2 80X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3M9DL2

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\SOMXTR100220WMA.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	1.386	45	49	55	rBV	49933	50408	5.26%	0.690%
2	1.696	96	100	109	rVB	47155	55407	5.78%	0.758%
3	2.343	200	206	219	rVB	98202	157631	16.44%	2.157%
4	3.147	328	338	349	rBV5	10039	24760	2.58%	0.339%
5	3.501	385	396	405	rBV	11750	28328	2.95%	0.388%
6	4.373	528	539	555	rVB2	20101	62387	6.51%	0.854%
7	4.562	557	570	585	rBV3	89586	333618	34.79%	4.564%
8	5.135	655	664	681	rBV	66588	201488	21.01%	2.757%
9	5.458	706	717	727	rBV2	51277	162975	17.00%	2.230%
10	6.043	801	813	830	rBV2	156927	461976	48.18%	6.320%
11	6.830	933	942	956	rBV	123137	290251	30.27%	3.971%
12	7.366	1020	1030	1040	rBV	97226	216298	22.56%	2.959%
13	8.372	1189	1195	1205	rBV	59768	103721	10.82%	1.419%
14	8.695	1241	1248	1254	rBV	231174	363535	37.91%	4.974%
15	8.762	1254	1259	1271	rVB	620875	958819	100.00%	13.118%
16	8.994	1291	1297	1309	rVB	47066	72089	7.52%	0.986%
17	9.427	1361	1368	1382	rBV	339353	500141	52.16%	6.843%
18	9.738	1411	1419	1426	rBV	17662	28251	2.95%	0.387%
19	10.097	1471	1478	1486	rBV	251367	353678	36.89%	4.839%
20	10.232	1495	1500	1506	rBV	58192	81509	8.50%	1.115%
21	10.341	1512	1518	1525	rBV	147455	202084	21.08%	2.765%
22	10.683	1568	1574	1581	rBV	108207	142664	14.88%	1.952%
23	11.000	1622	1626	1631	rBV	18640	25884	2.70%	0.354%
24	11.231	1658	1664	1671	rBV	109382	142486	14.86%	1.949%
25	11.341	1677	1682	1687	rBV	41879	54430	5.68%	0.745%
26	11.420	1689	1695	1702	rVV	142384	248620	25.93%	3.401%
27	11.493	1702	1707	1716	rVB	46473	62633	6.53%	0.857%
28	11.609	1719	1726	1730	rBV	482364	577083	60.19%	7.895%
29	11.652	1730	1733	1742	rVB	102033	128594	13.41%	1.759%
30	11.792	1750	1756	1763	rVB	251895	304440	31.75%	4.165%
31	11.865	1763	1768	1774	rBV2	12119	16275	1.70%	0.223%
32	12.060	1795	1800	1806	rVV	273470	349665	36.47%	4.784%
33	12.128	1806	1811	1817	rVB	66626	81928	8.54%	1.121%
34	12.280	1831	1836	1844	rBV	38588	54176	5.65%	0.741%

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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	12.359	1844	1849	1856	rVV	291185	375387	39.15%	5.136%
36	13.816	2083	2088	2092	rBV	26972	35672	3.72%	0.488%

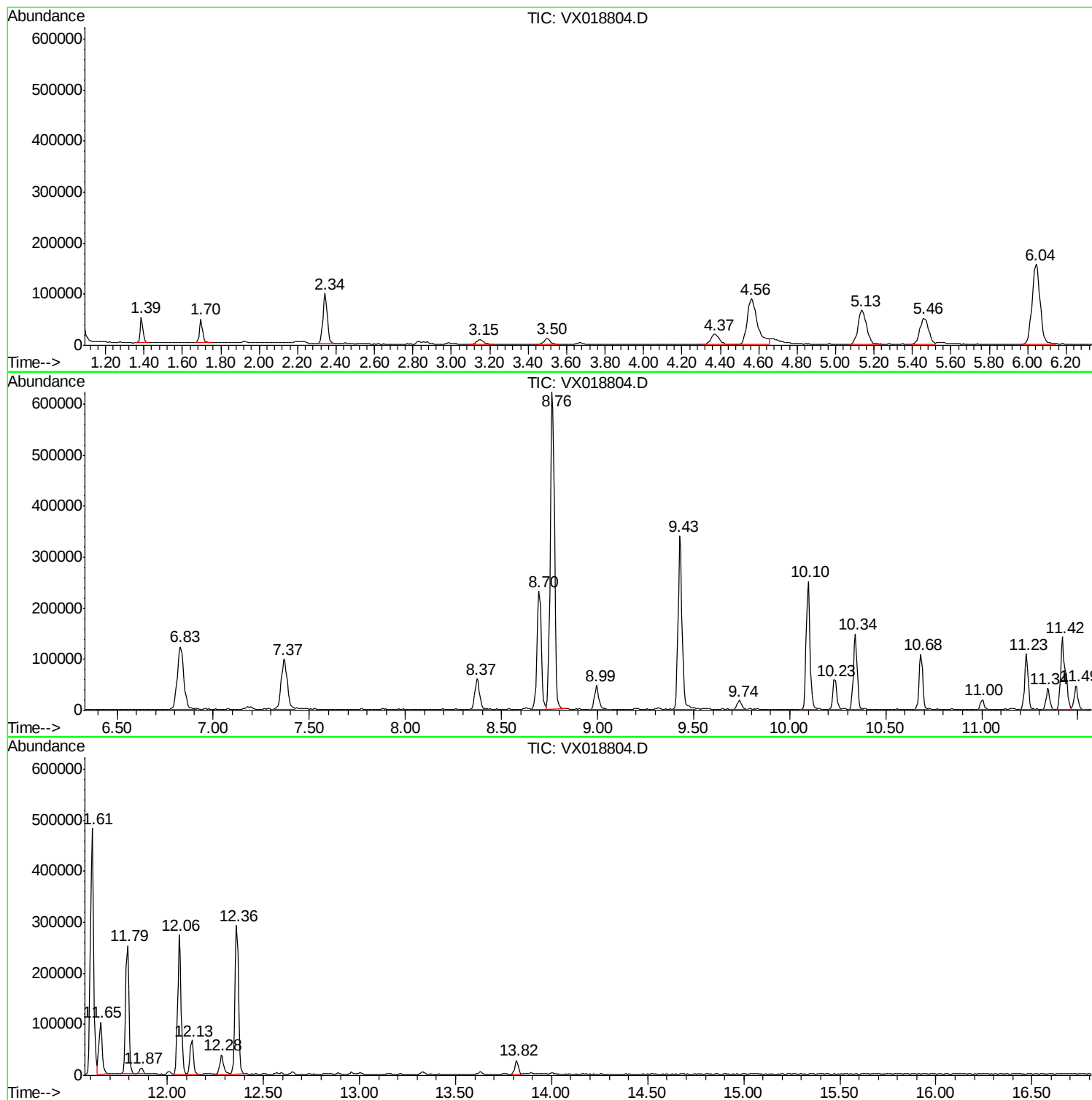
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Quant Title : TRACE VOA SOM01.0

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



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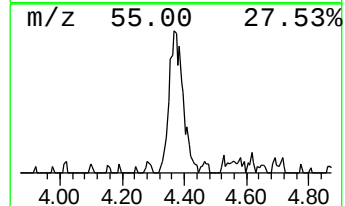
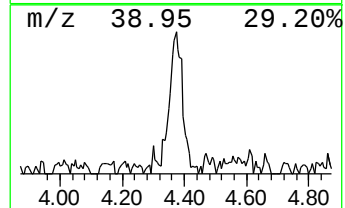
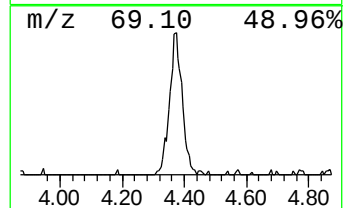
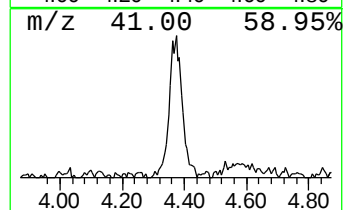
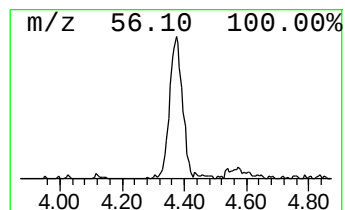
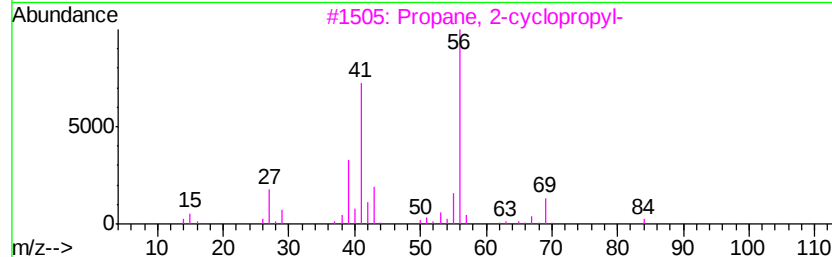
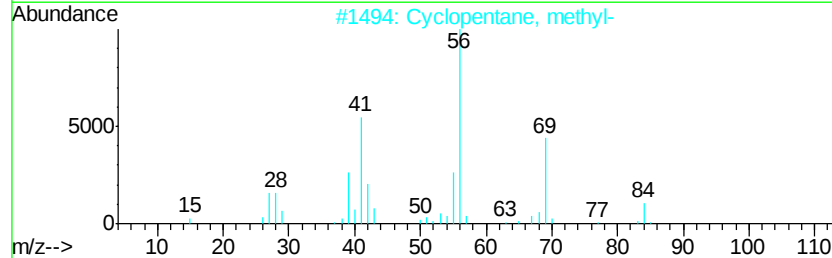
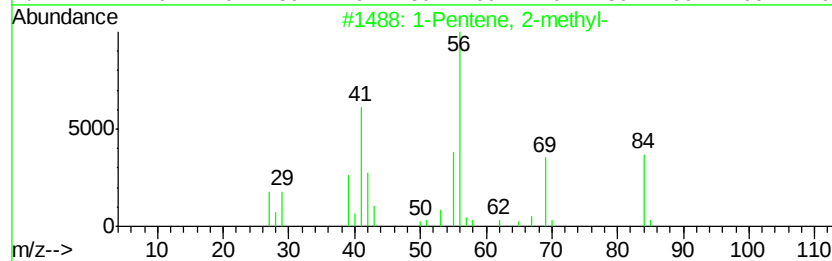
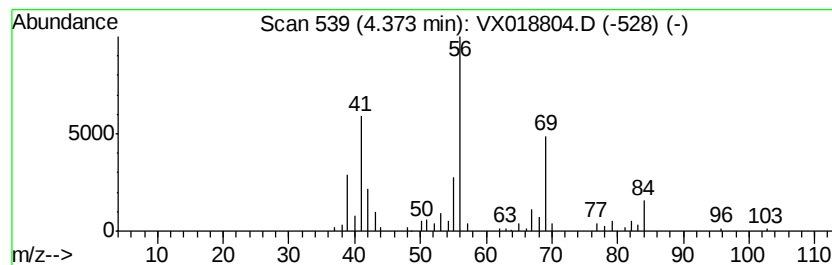
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	1.07 ug/L	62387	1,4-Difluorobenzene	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64
4		Cyclohexane	84	C6H12	000110-82-7	64
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64



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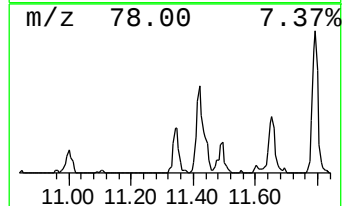
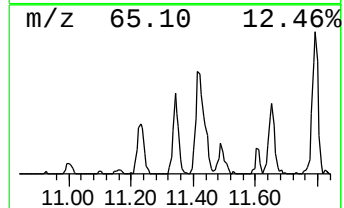
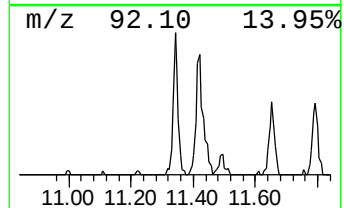
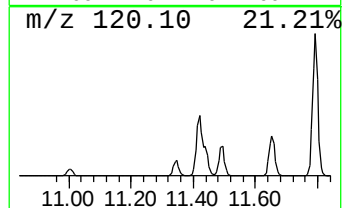
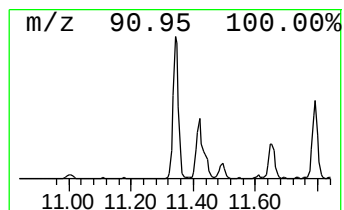
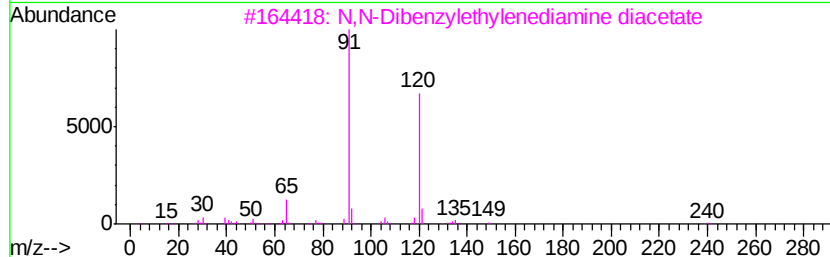
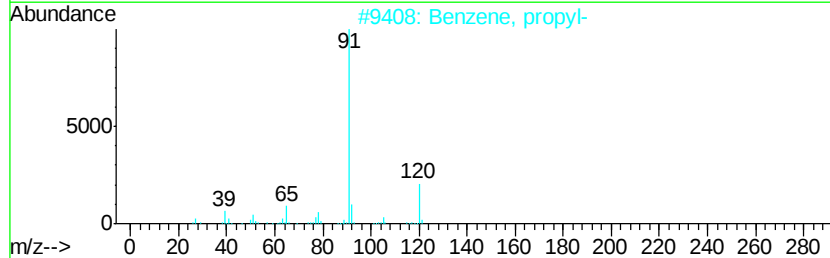
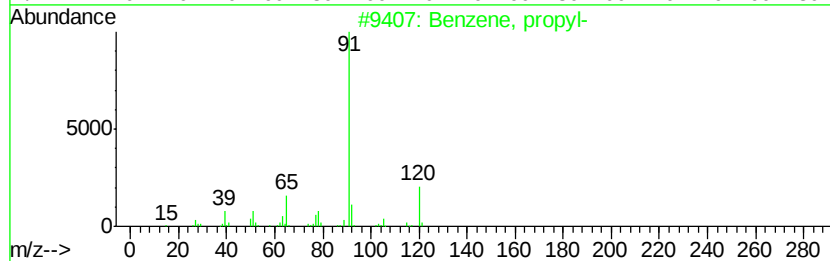
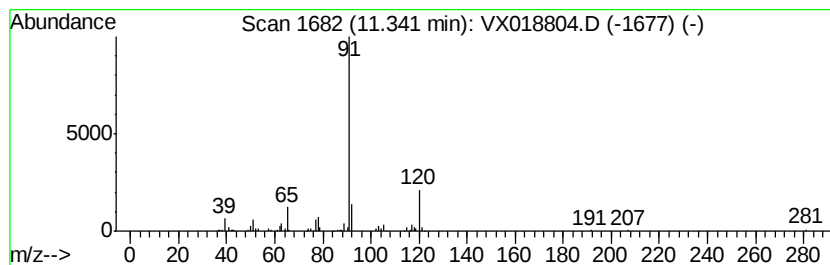
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.78 ug/L	54430	1,4-Dichlorobenzene-d4	12.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, propyl-	120	C9H12	000103-65-1	87
2		Benzene, propyl-	120	C9H12	000103-65-1	81
3		N,N-Dibenzylethylenediamine diac...	324	C20H24N2O2	000122-75-8	78
4		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	78
5		1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	78



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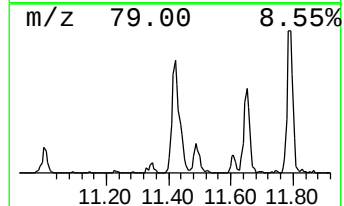
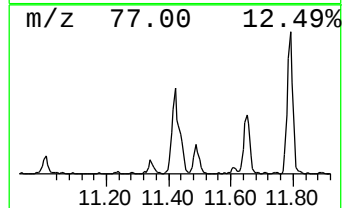
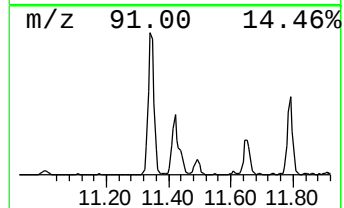
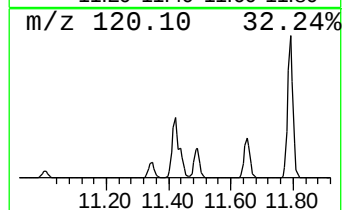
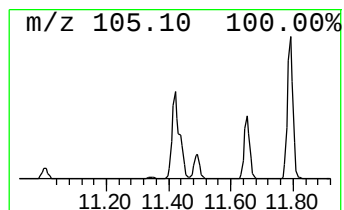
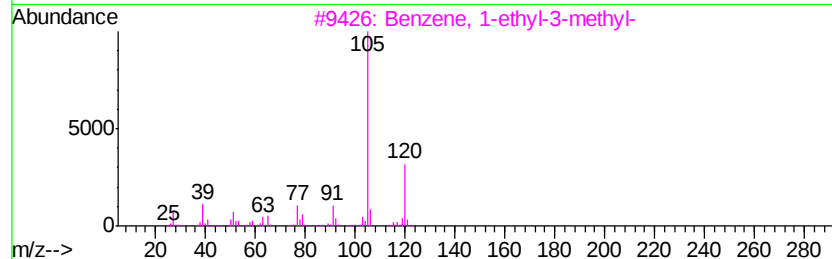
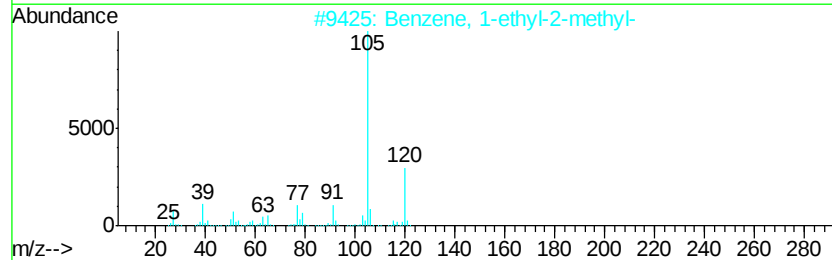
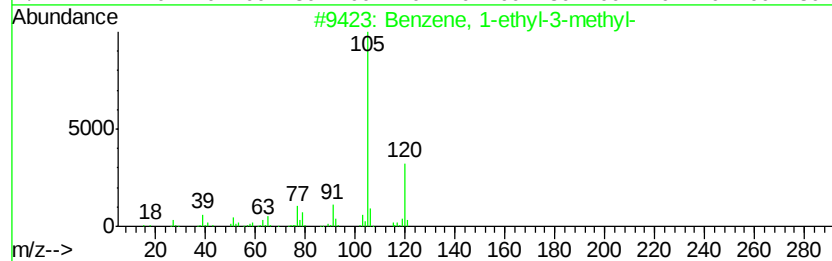
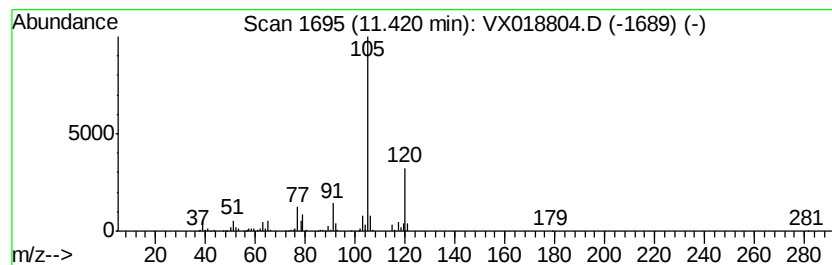
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	3.56 ug/L	248620	1,4-Dichlorobenzene-d4	12.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Mesitylene	120	C9H12	000108-67-8	91



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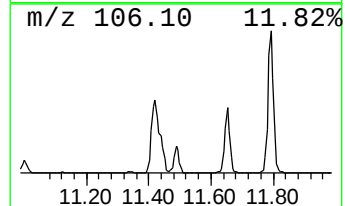
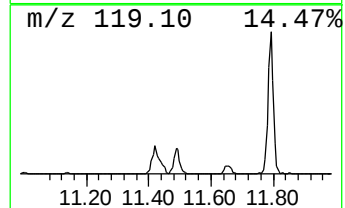
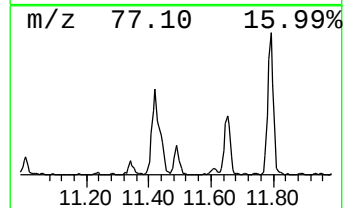
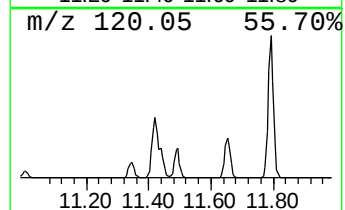
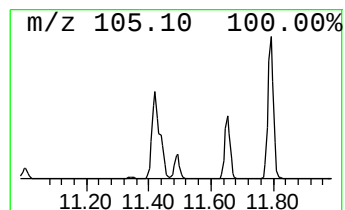
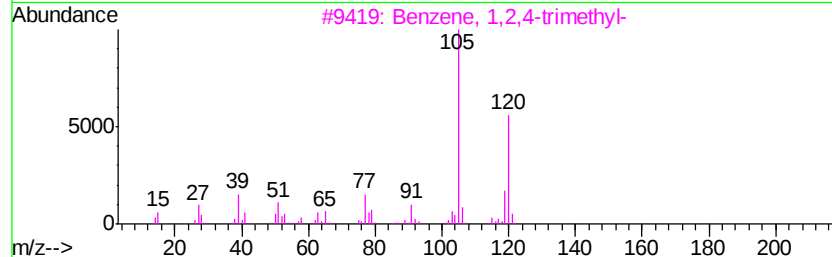
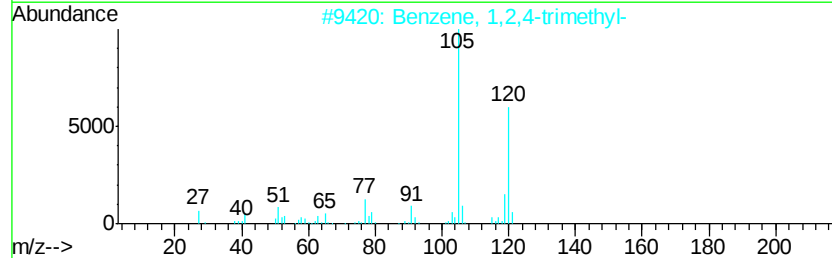
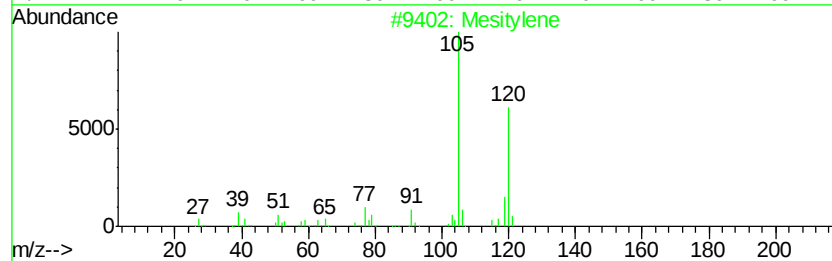
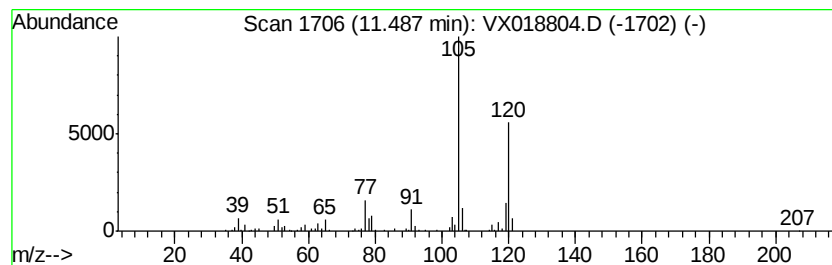
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	0.90 ug/L	62633	1,4-Dichlorobenzene-d4	12.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	97
2	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	93
3	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	91
4	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	91
5	Mesitylene		120	C9H12	000108-67-8	91



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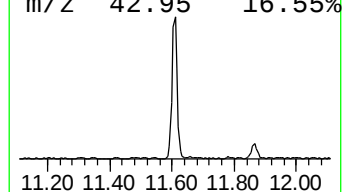
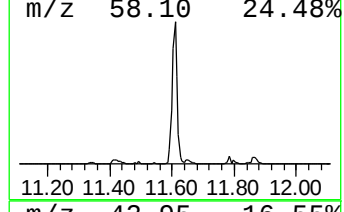
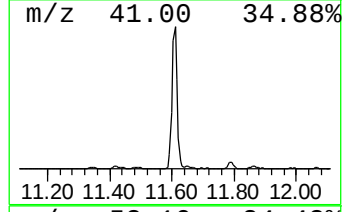
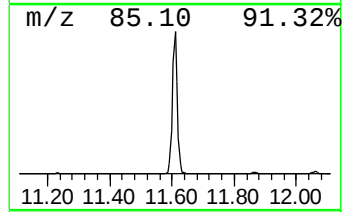
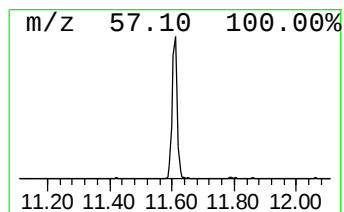
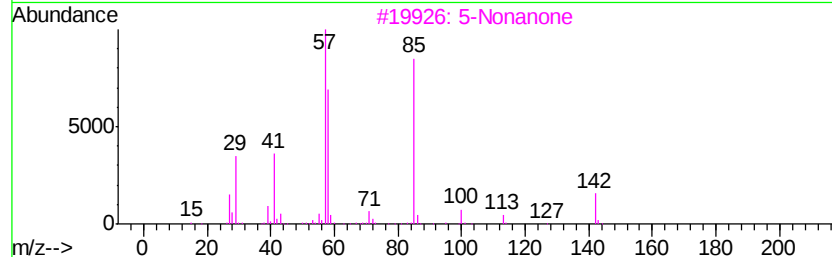
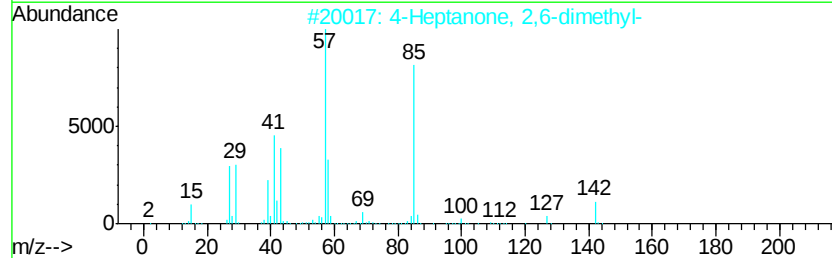
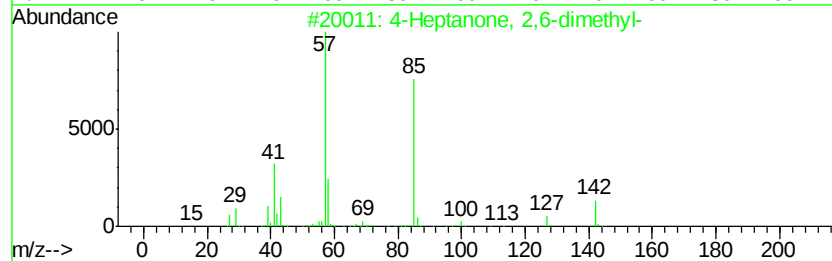
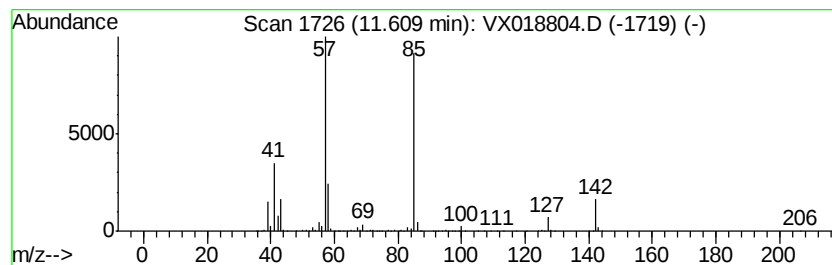
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 4-Heptanone, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.61	8.25 ug/L	577083	1,4-Dichlorobenzene-d4		12.06
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	64
3	5-Nonanone	142	C9H18O	000502-56-7	59
4	5-Nonanone	142	C9H18O	000502-56-7	53
5	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018804.D
Acq On : 06 Oct 2020 17:14
Operator : JC/SP
Sample : L4239-01DL2 80X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL2

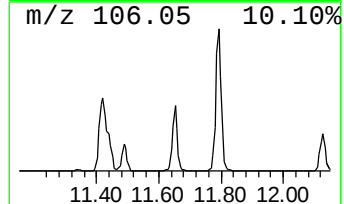
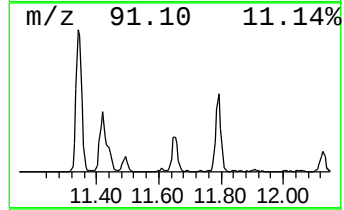
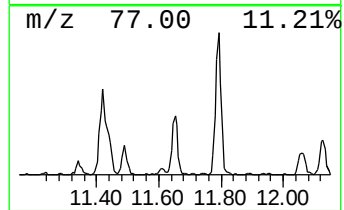
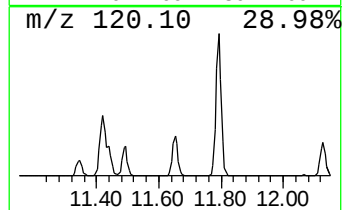
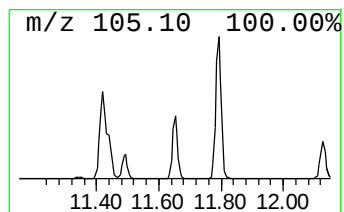
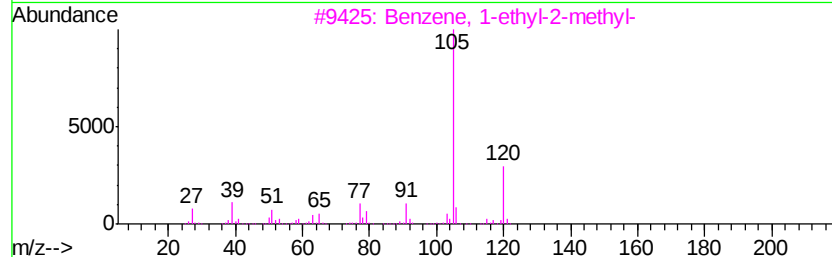
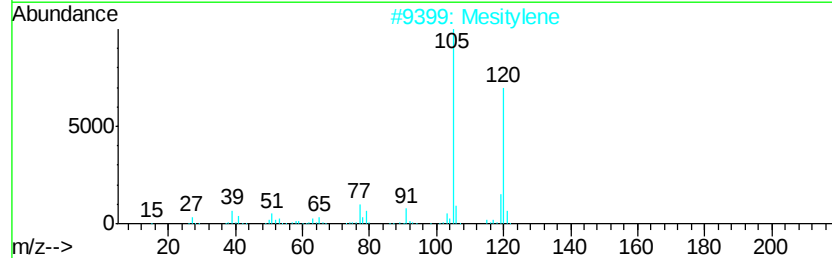
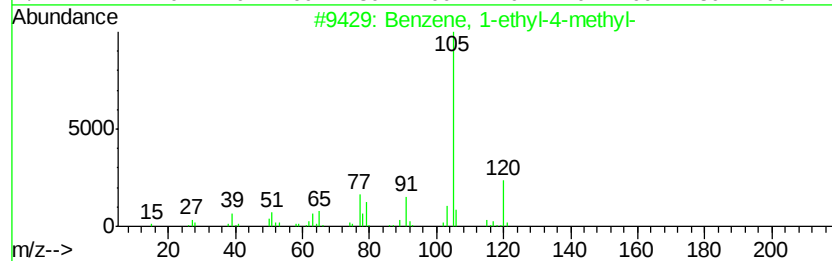
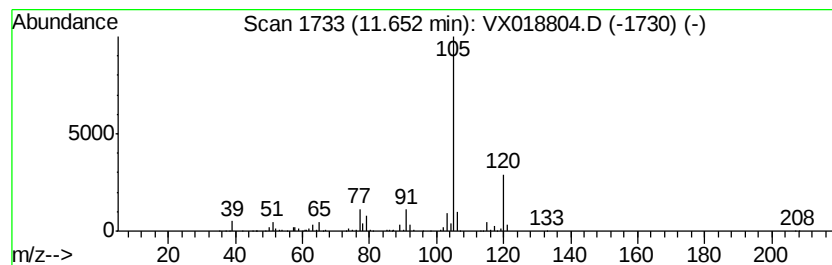
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	1.84 ug/L	128594	1,4-Dichlorobenzene-d4	12.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018804.D
Acq On : 06 Oct 2020 17:14
Operator : JC/SP
Sample : L4239-01DL2 80X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
BG3M9DL2

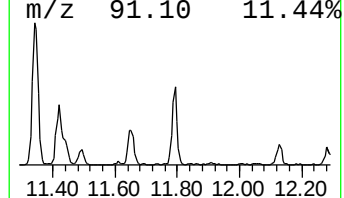
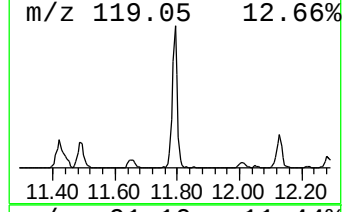
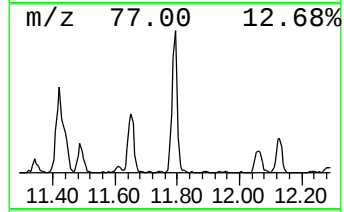
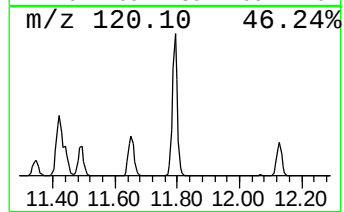
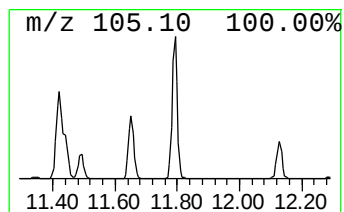
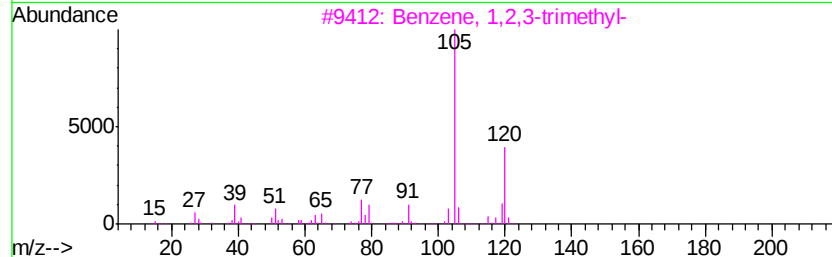
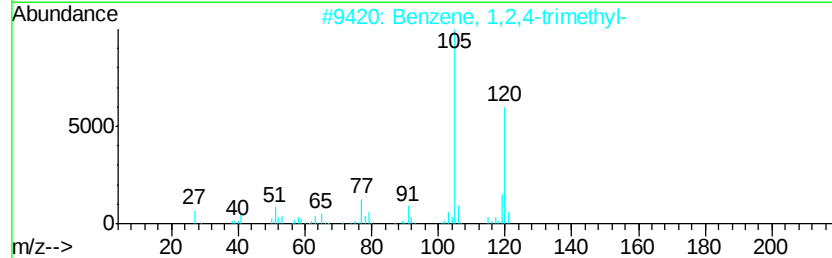
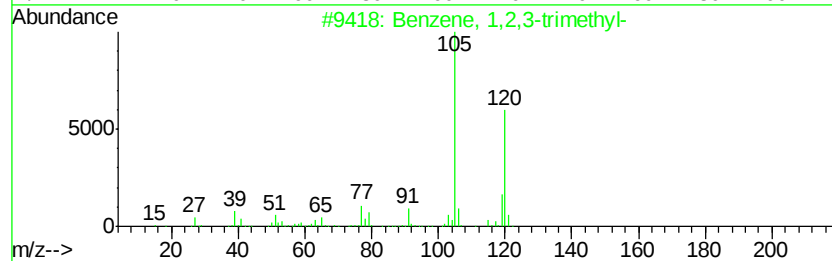
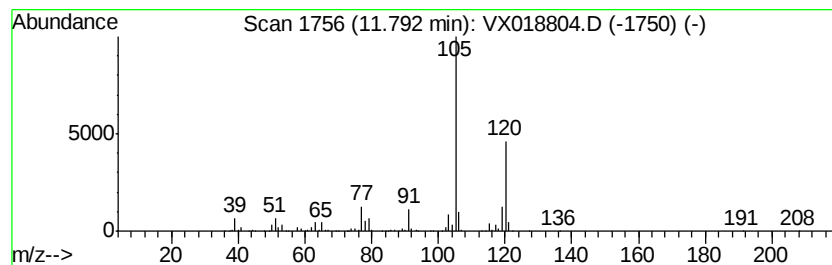
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	4.35 ug/L	304440	1,4-Dichlorobenzene-d4	12.06

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	95
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018804.D
Acq On : 06 Oct 2020 17:14
Operator : JC/SP
Sample : L4239-01DL2 80X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
BG3M9DL2

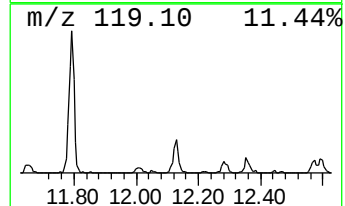
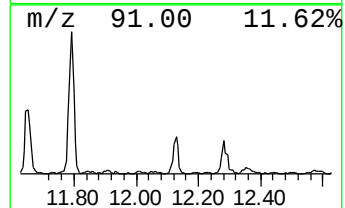
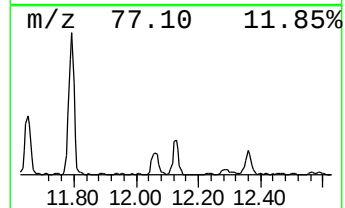
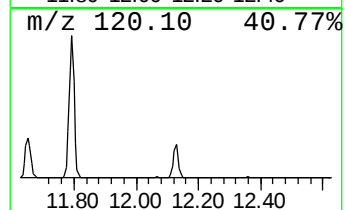
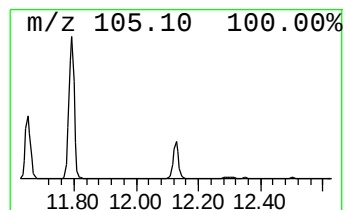
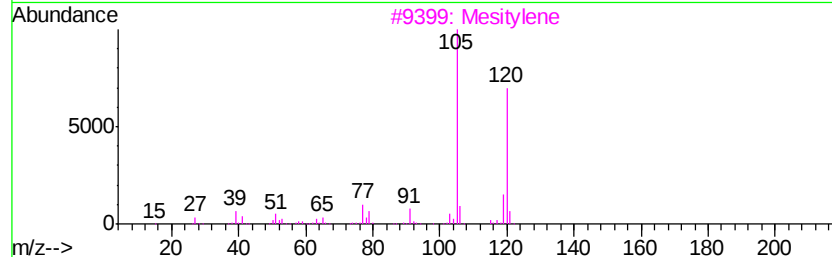
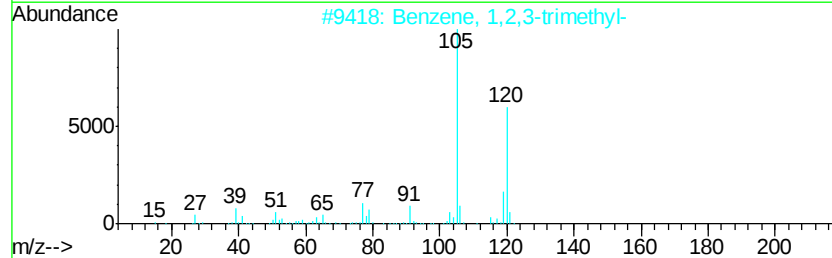
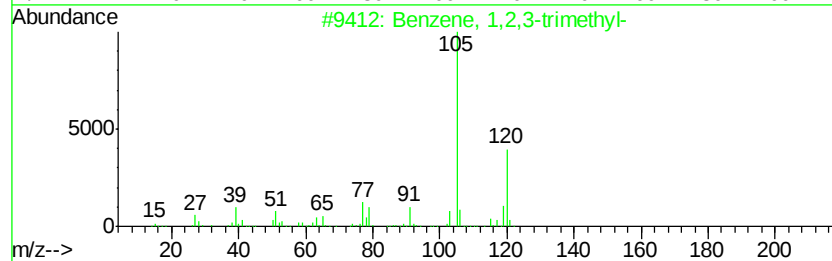
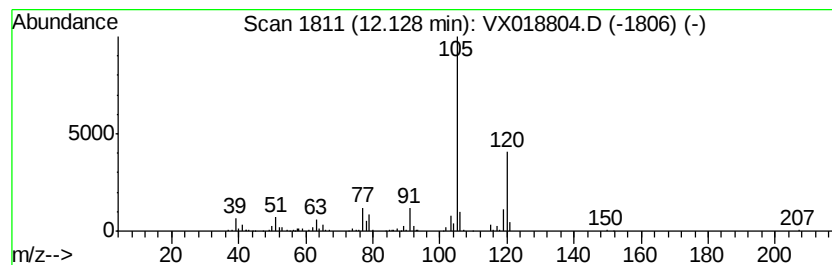
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	1.17 ug/L	81928	1,4-Dichlorobenzene-d4	12.06

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	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018804.D
Acq On : 06 Oct 2020 17:14
Operator : JC/SP
Sample : L4239-01DL2 80X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL2

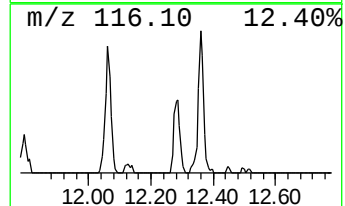
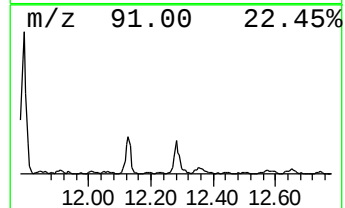
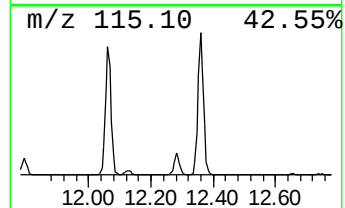
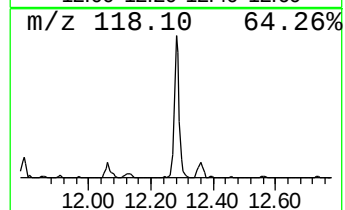
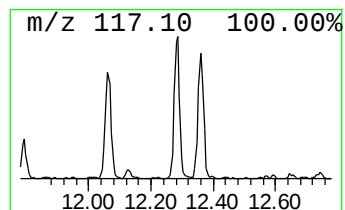
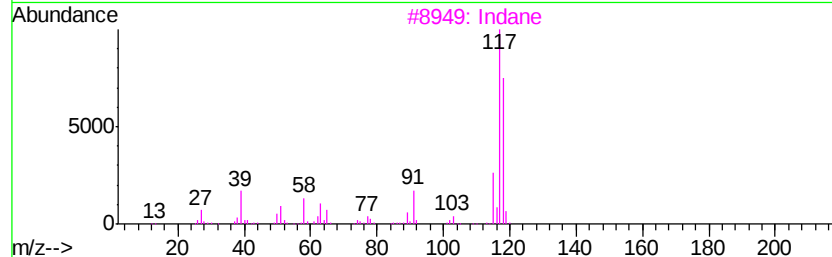
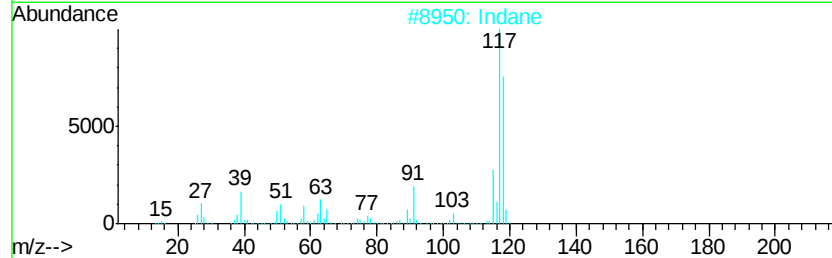
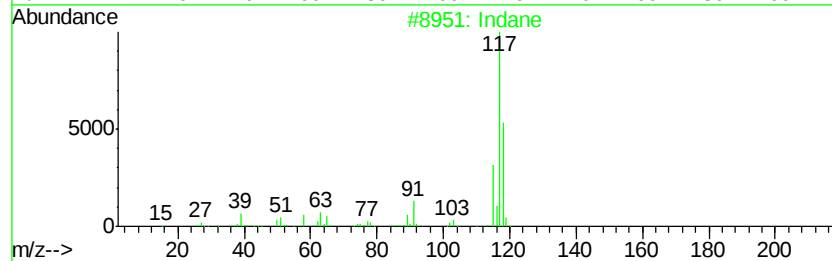
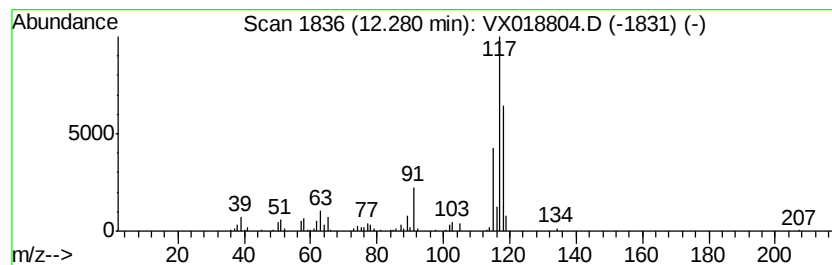
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	0.77 ug/L	54176	1,4-Dichlorobenzene-d4	12.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	93
2	Indane			118	C9H10	000496-11-7	76
3	Indane			118	C9H10	000496-11-7	76
4	Benzene, 1-ethenyl-2-methyl-			118	C9H10	000611-15-4	76
5	Indane			118	C9H10	000496-11-7	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018804.D
Acq On : 06 Oct 2020 17:14
Operator : JC/SP
Sample : L4239-01DL2 80X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL2

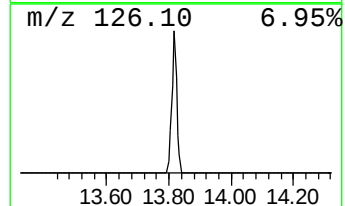
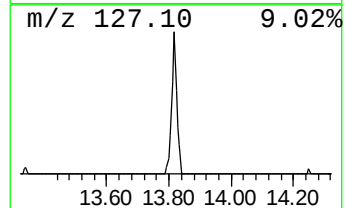
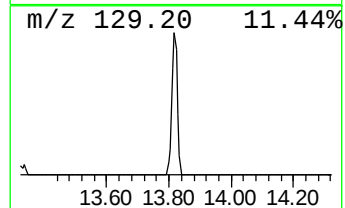
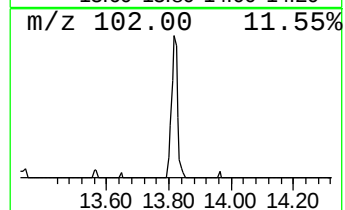
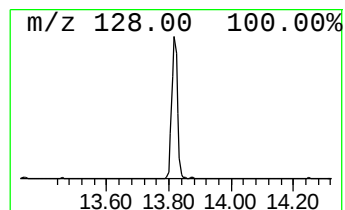
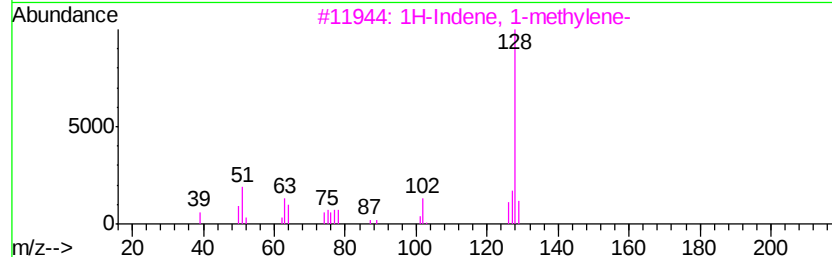
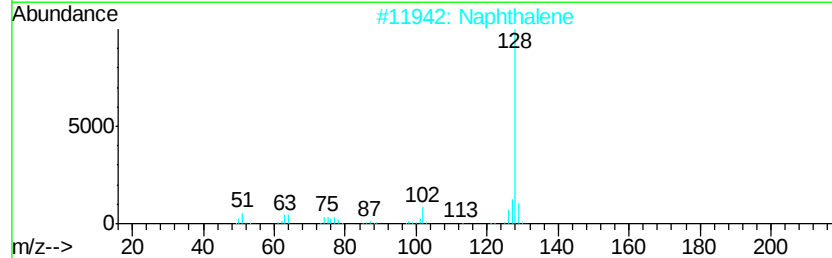
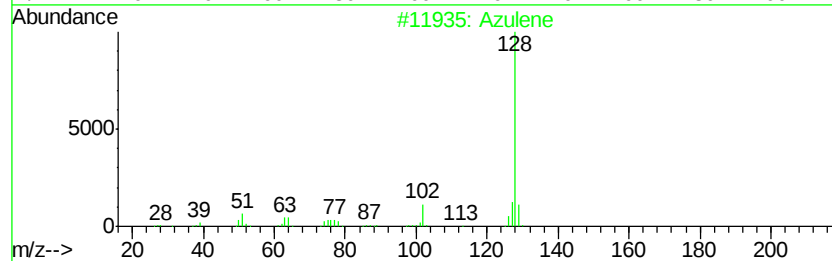
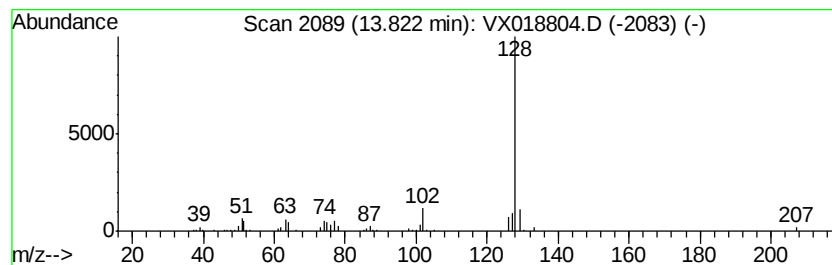
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 11 Azulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	0.51 ug/L	35672	1,4-Dichlorobenzene-d4	12.06

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100620\
Data File : VX018804.D
Acq On : 06 Oct 2020 17:14
Operator : JC/SP
Sample : L4239-01DL2 80X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.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...	4.37	1.1	ug/L	62387	1	6.83	290251	5.0
Benzene, propyl-	11.34	0.8	ug/L	54430	3	12.06	349665	5.0
Benzene, 1-ethyl-...	11.42	3.6	ug/L	248620	3	12.06	349665	5.0
Mesitylene	11.49	0.9	ug/L	62633	3	12.06	349665	5.0
4-Heptanone, 2,6-...	11.61	8.3	ug/L	577083	3	12.06	349665	5.0
Benzene, 1-ethyl-...	11.65	1.8	ug/L	128594	3	12.06	349665	5.0
Benzene, 1,2,3-tr...	11.79	4.3	ug/L	304440	3	12.06	349665	5.0
Benzene, 1,2,4-tr...	12.13	1.2	ug/L	81928	3	12.06	349665	5.0
Indane	12.28	0.8	ug/L	54176	3	12.06	349665	5.0
Azulene	13.82	0.5	ug/L	35672	3	12.06	349665	5.0