

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
 Data File : VX015433.D
 Acq On : 30 Mar 2020 17:13
 Operator : JC/SP
 Sample : L2022-01 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Mar 31 09:20:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

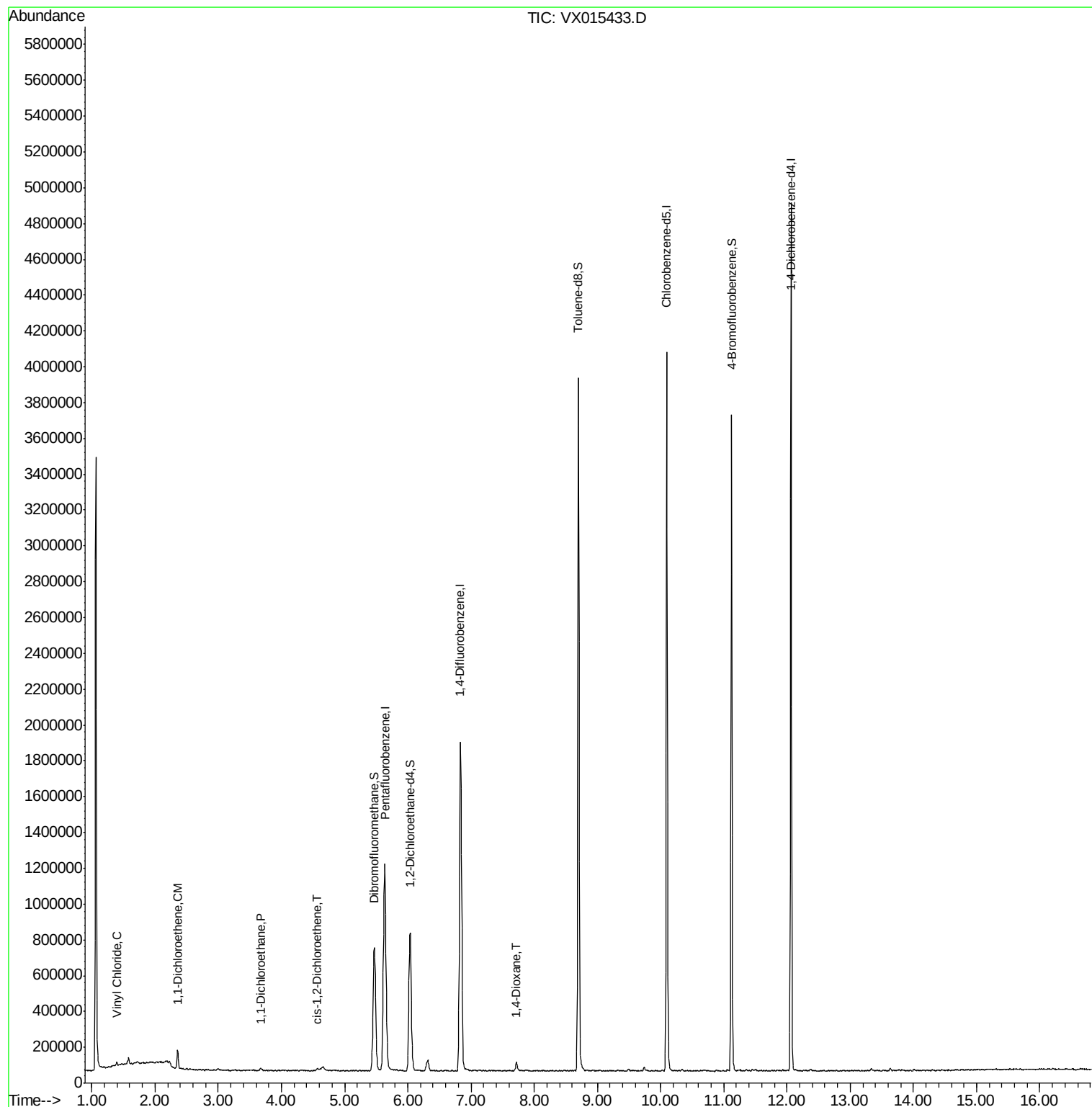
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1125321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1833396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1756031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	960194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	765633	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	5.47	113	582784	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	8.70	98	2240229	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	11.12	95	965077	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	7824	0.675	ug/l	100
12) 1,1-Dichloroethene	2.36	96	33351	3.139	ug/l	87
24) 1,1-Dichloroethane	3.67	63	17753	0.767	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	8274	0.607	ug/l	84
49) 1,4-Dioxane	7.71	88	36612	105.821	ug/l	96

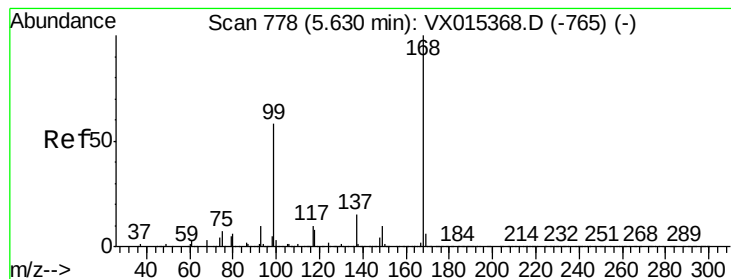
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Mar 31 09:20:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015433.D

Acq: 30 Mar 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

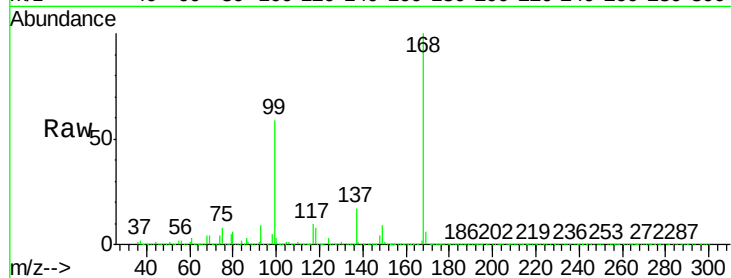
MW-1

Tot Ion:168 Resp: 1125321

Ion Ratio Lower Upper

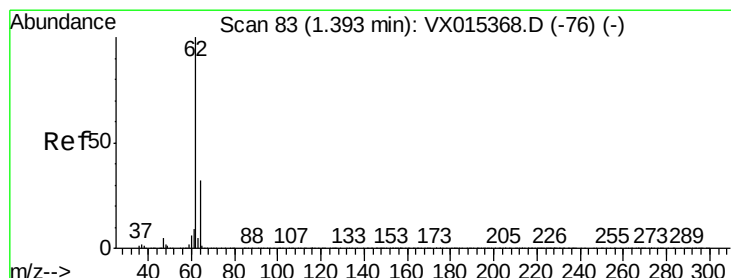
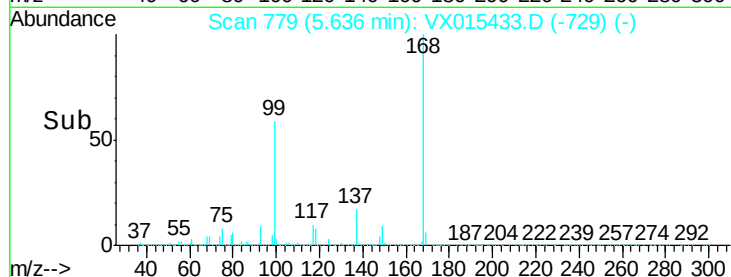
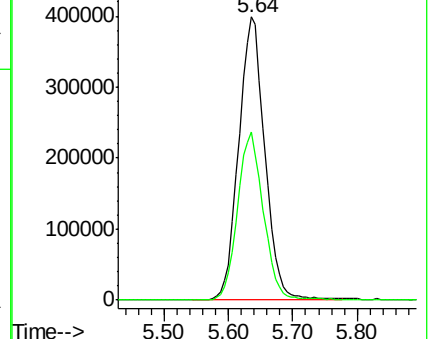
168 100

99 59.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.675 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015433.D

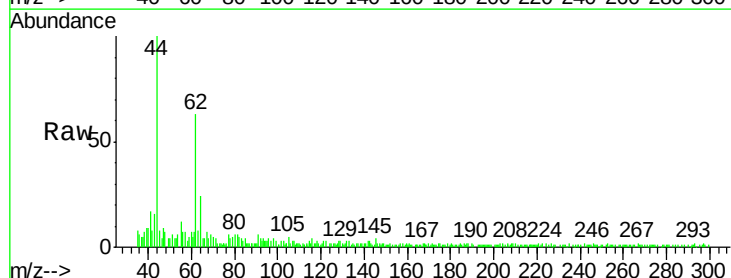
Acq: 30 Mar 2020 17:13

Tgt Ion: 62 Resp: 7824

Ion Ratio Lower Upper

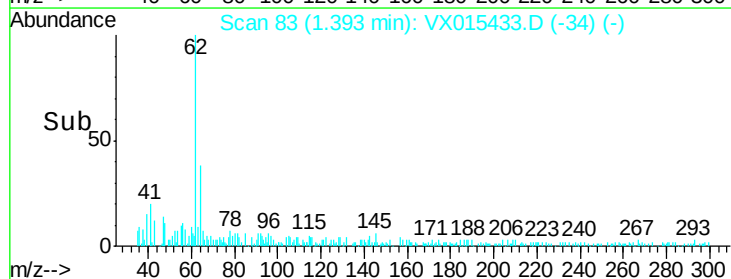
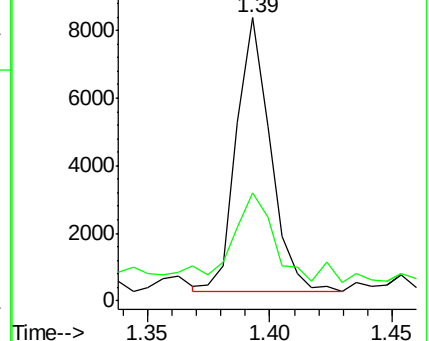
62 100

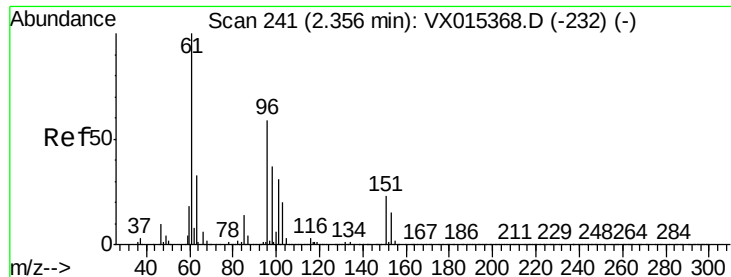
64 32.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 3.139 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX015433.D

Acq: 30 Mar 2020 17:13

Instrument :

MSVOA_X

ClientSampled :

MW-1

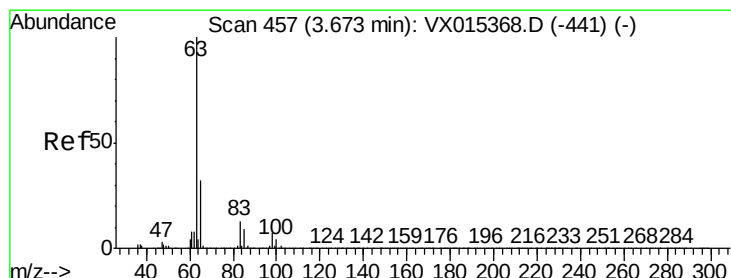
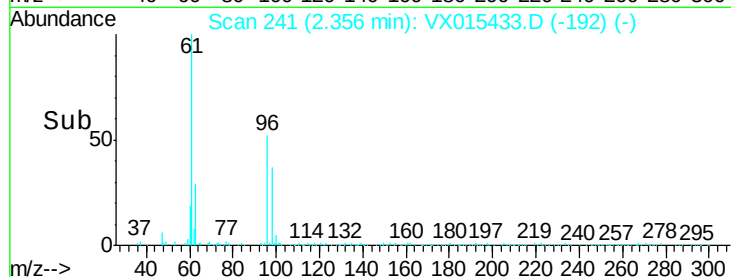
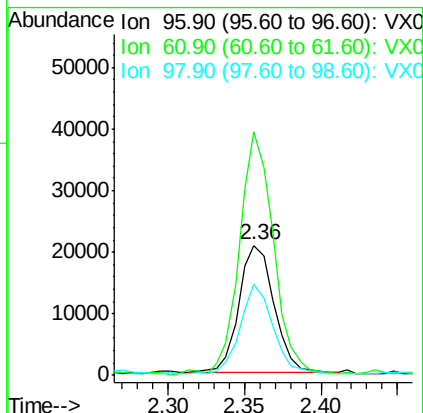
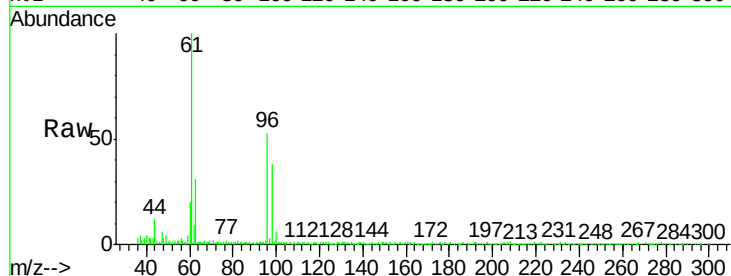
Tot Ion: 96 Resp: 33351

Ion Ratio Lower Upper

96 100

61 189.6 135.7 203.5

98 71.0 50.6 75.8



#24

1,1-Dichloroethane

Concen: 0.767 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015433.D

Acq: 30 Mar 2020 17:13

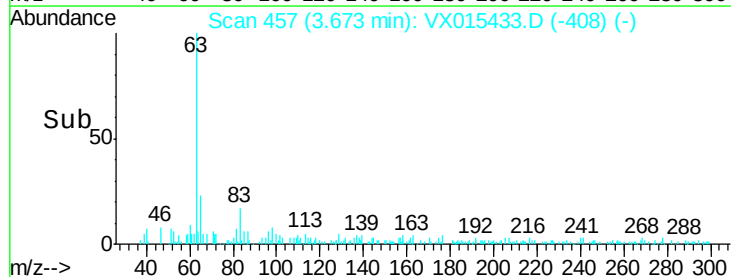
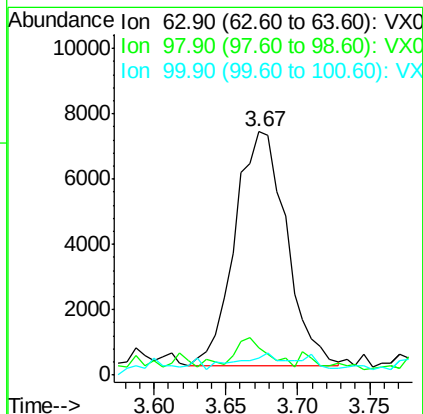
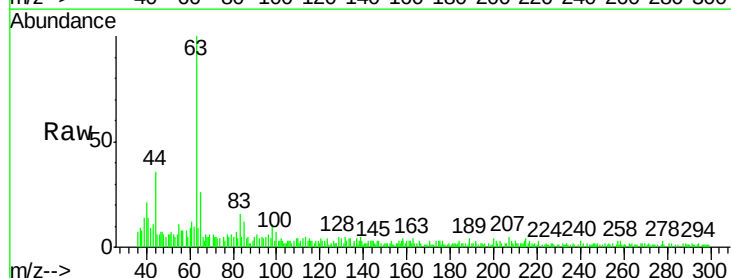
Tgt Ion: 63 Resp: 17753

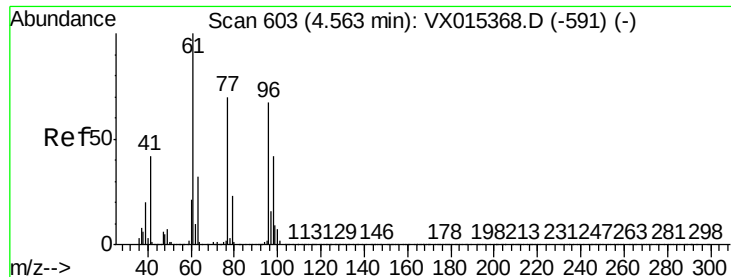
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 4.3 2.1 6.5



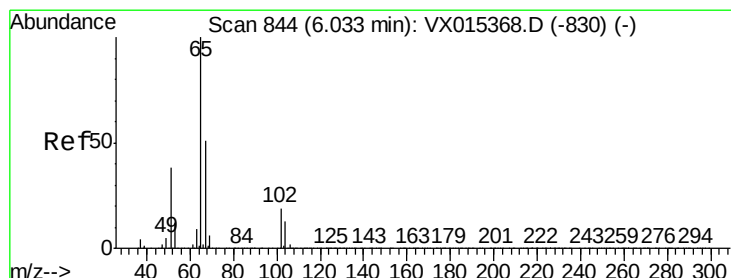
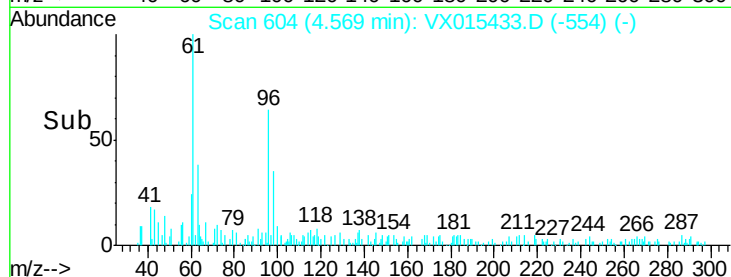
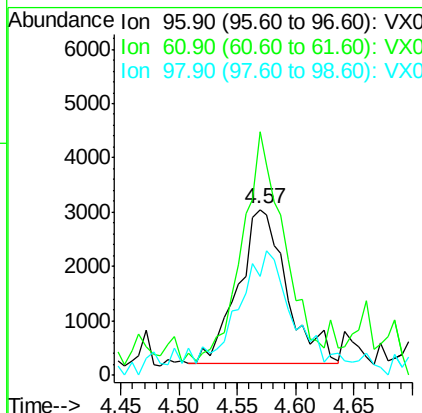
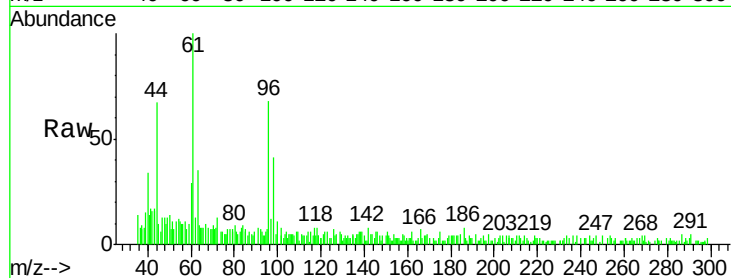


#27

cis-1,2-Dichloroethene
Concen: 0.607 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015433.D
Acq: 30 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
MW-1

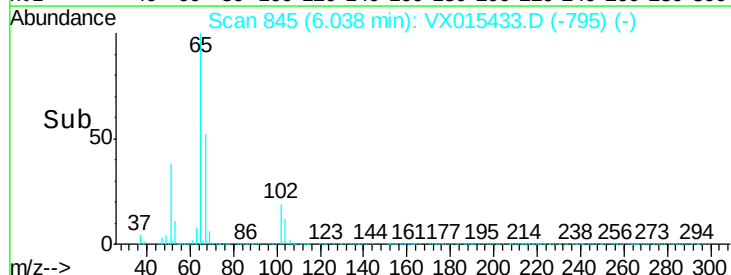
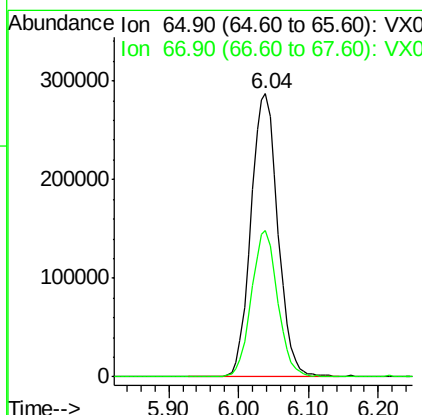
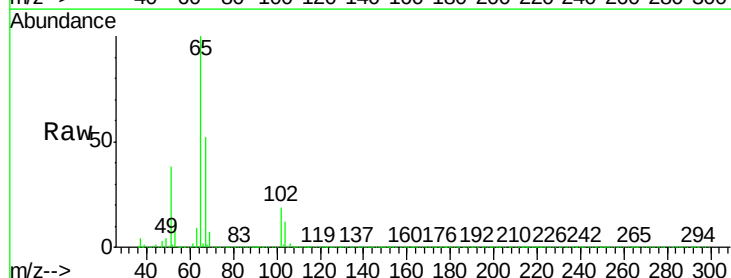
Tot Ion: 96 Resp: 8274
Ion Ratio Lower Upper
96 100
61 133.4 0.0 308.4
98 76.2 0.0 129.2

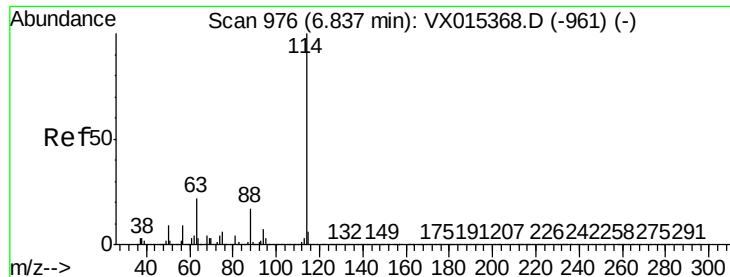


#33

1,2-Dichloroethane-d4
Concen: 48.240 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015433.D
Acq: 30 Mar 2020 17:13

Tgt Ion: 65 Resp: 765633
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.6

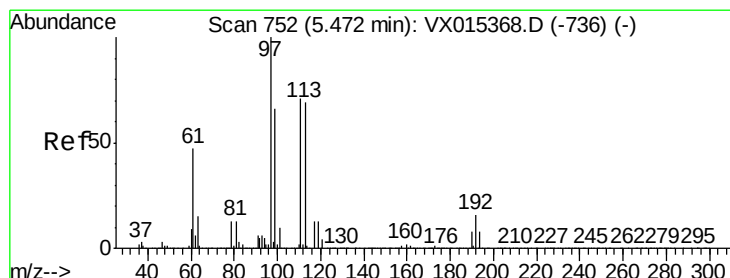
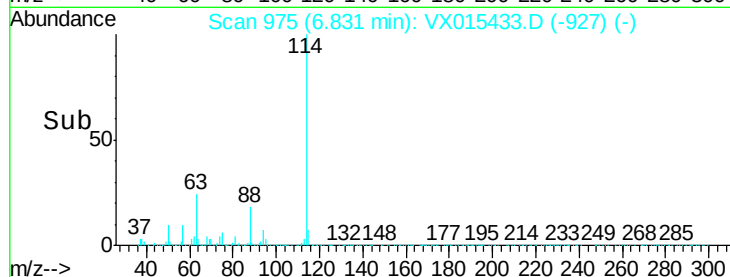
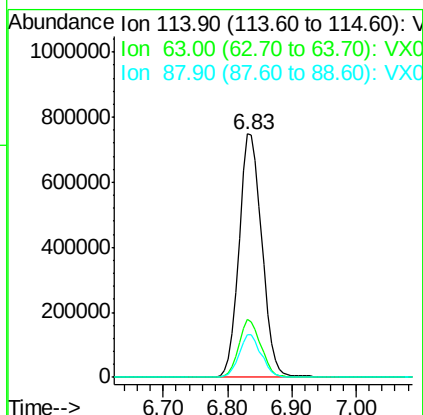
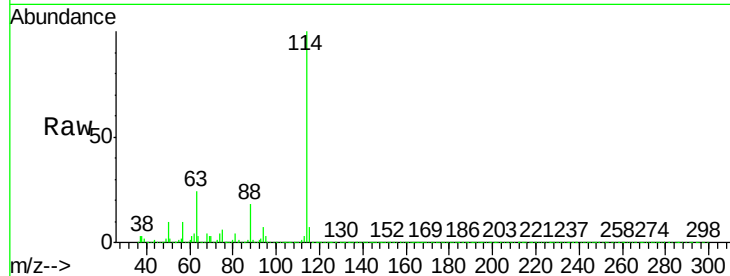




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015433.D
 Acq: 30 Mar 2020 17:13

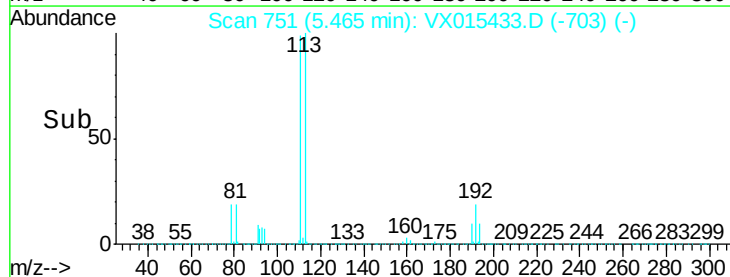
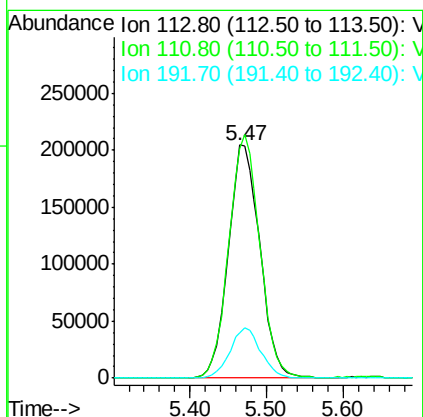
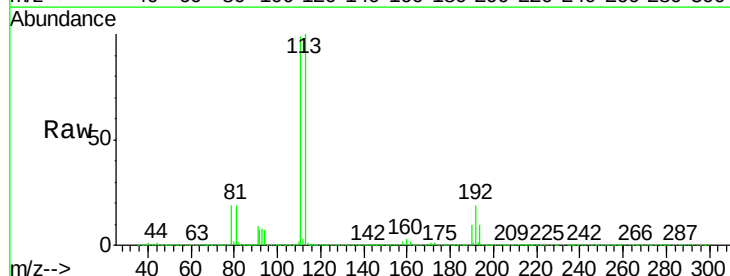
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

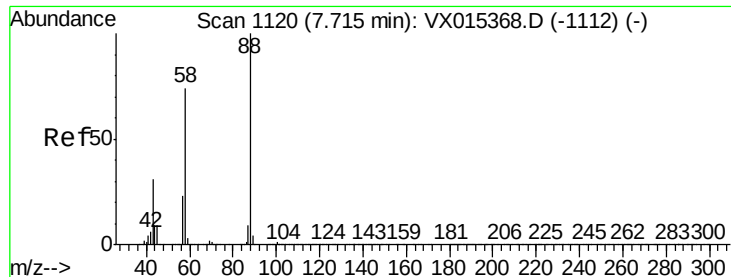
Tot Ion:114 Resp: 1833396
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 44.2
 88 17.6 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 49.727 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015433.D
 Acq: 30 Mar 2020 17:13

Tgt Ion:113 Resp: 582784
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 21.1 17.8 26.6





#49

1,4-Dioxane

Concen: 105.821 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015433.D

Acq: 30 Mar 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

MW-1

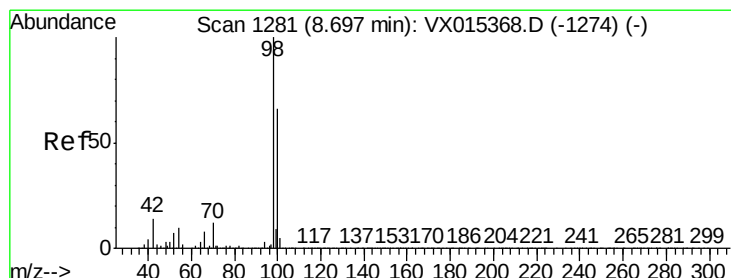
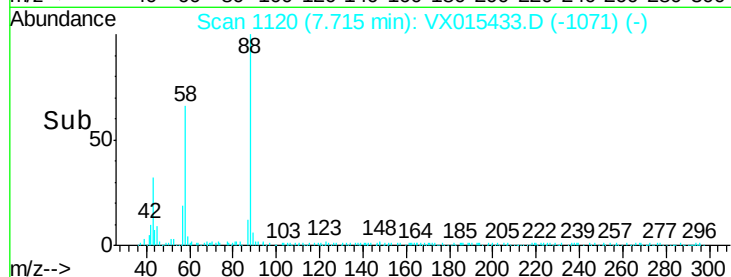
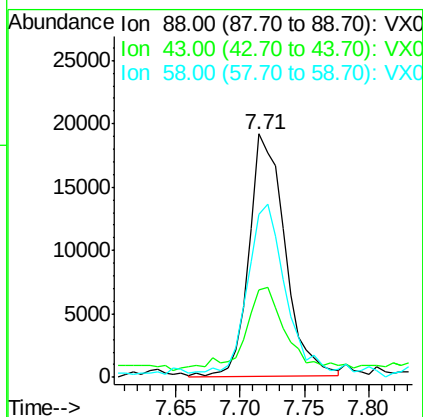
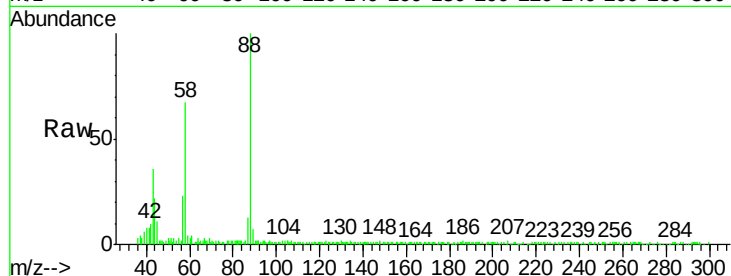
Tot Ion: 88 Resp: 36612

Ion Ratio Lower Upper

88 100

43 38.8 30.1 45.1

58 71.4 60.6 90.8



#50

Toluene-d8

Concen: 51.919 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015433.D

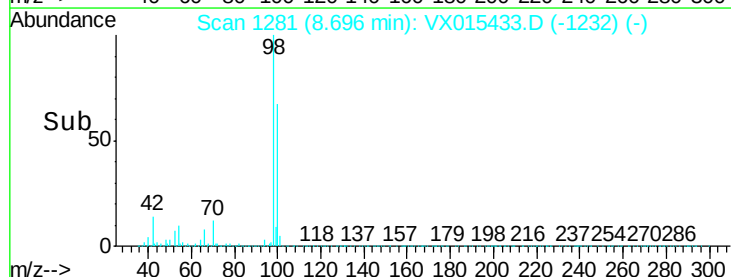
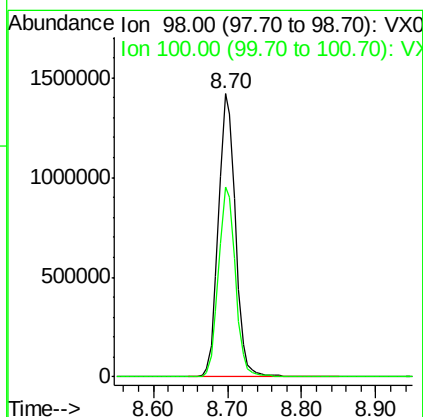
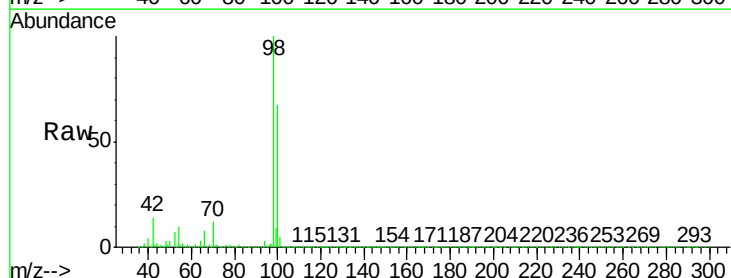
Acq: 30 Mar 2020 17:13

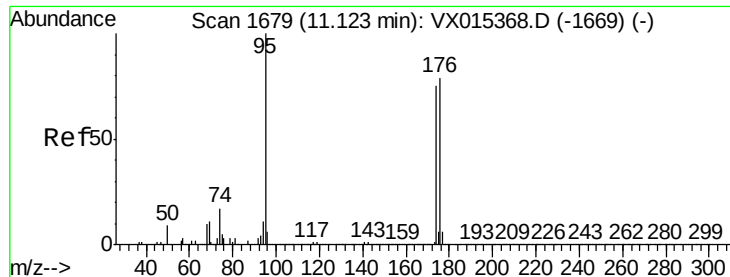
Tgt Ion: 98 Resp: 2240229

Ion Ratio Lower Upper

98 100

100 66.6 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 55.035 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015433.D

Acq: 30 Mar 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

MW-1

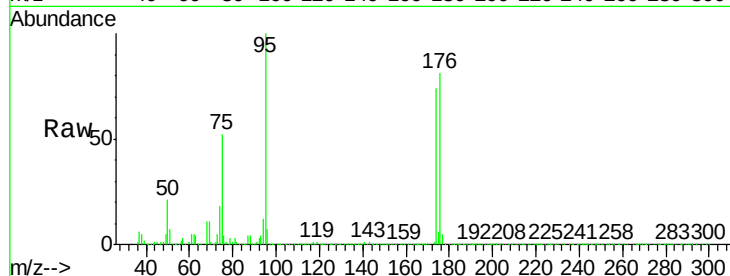
Tot Ion: 95 Resp: 965077

Ion Ratio Lower Upper

95 100

174 74.5 0.0 158.6

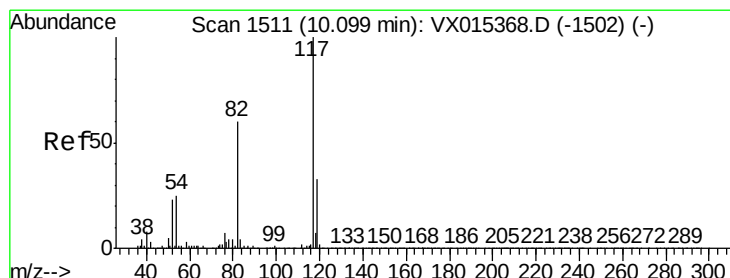
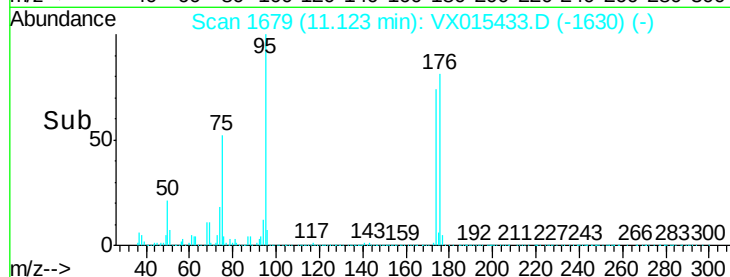
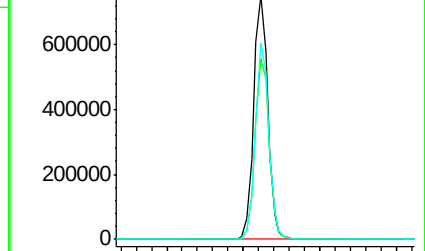
176 77.1 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015433.D

Acq: 30 Mar 2020 17:13

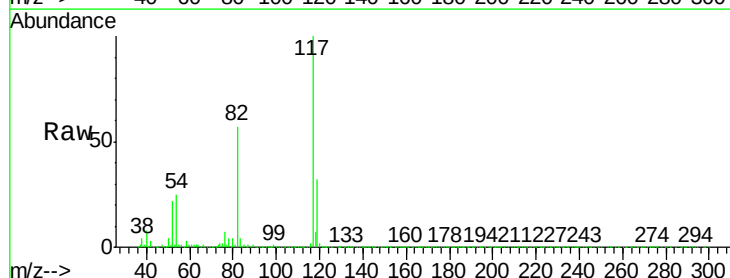
Tgt Ion: 117 Resp: 1756031

Ion Ratio Lower Upper

117 100

82 57.4 47.8 71.8

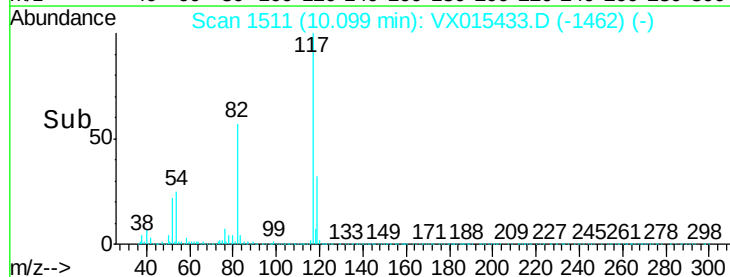
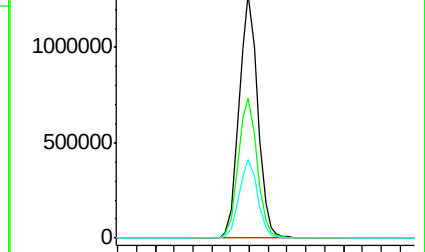
119 32.4 26.8 40.2

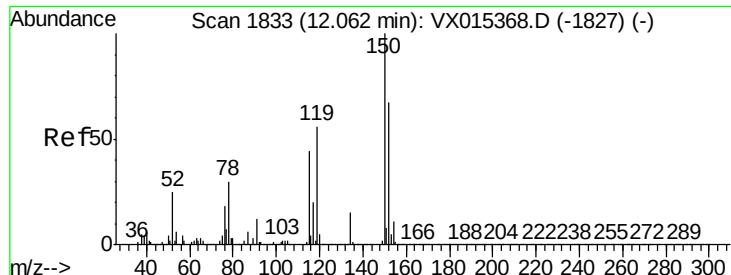


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015433.D

Acq: 30 Mar 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

MW-1

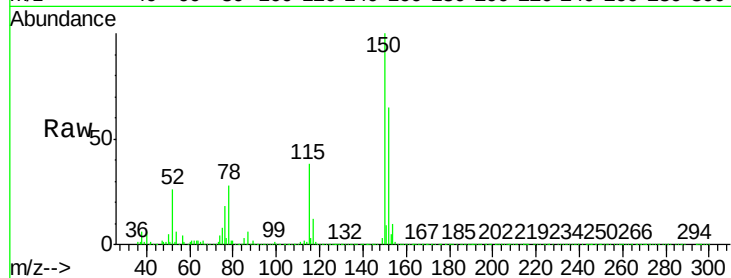
Tot Ion:152 Resp: 960194

Ion Ratio Lower Upper

152 100

115 58.4 39.0 116.9

150 155.2 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

