

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014212.D
 Acq On : 23 Dec 2019 19:06
 Operator : JC/SP
 Sample : K6387-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Dec 24 03:32:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

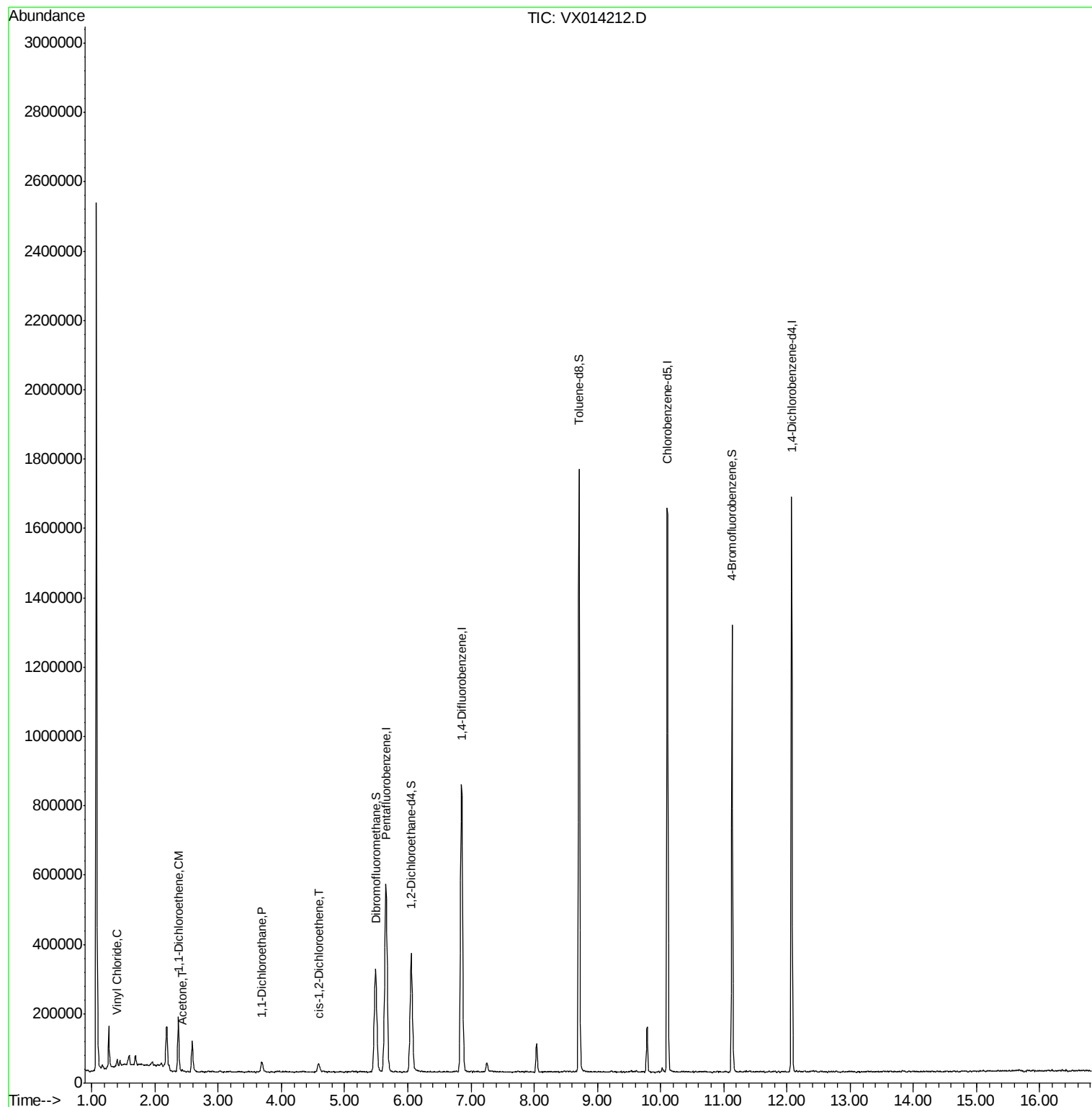
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	558083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	857751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	775631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	310461	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
35) Dibromofluoromethane	5.49	113	256276	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	1019593	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	344588	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
Target Compounds						
4) Vinyl Chloride	1.40	62	15316	2.166	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53719	10.007	ug/l	99
16) Acetone	2.43	43	7607	1.852	ug/l	98
24) 1,1-Dichloroethane	3.69	63	35199	3.312	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	15628	2.336	ug/l	91

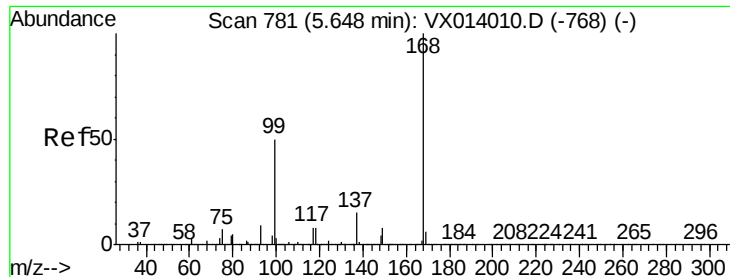
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014212.D

Acq: 23 Dec 2019 19:06

Instrument :

MSVOA_X

ClientSampled :

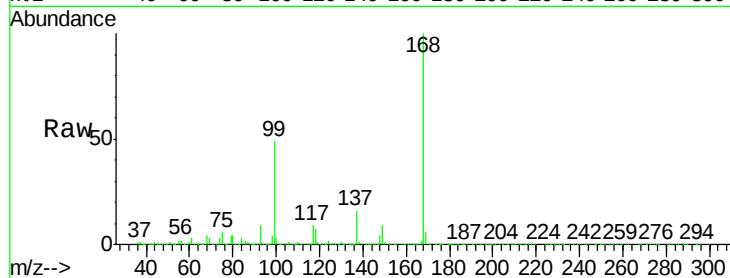
MW-3

Tot Ion:168 Resp: 558083

Ion Ratio Lower Upper

168 100

99 49.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

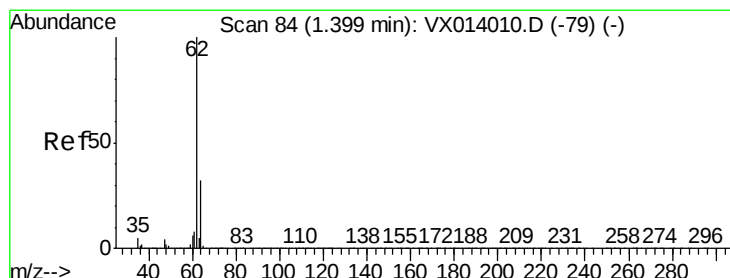
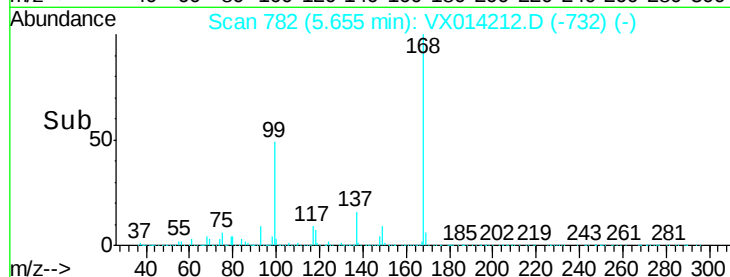
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 2.166 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014212.D

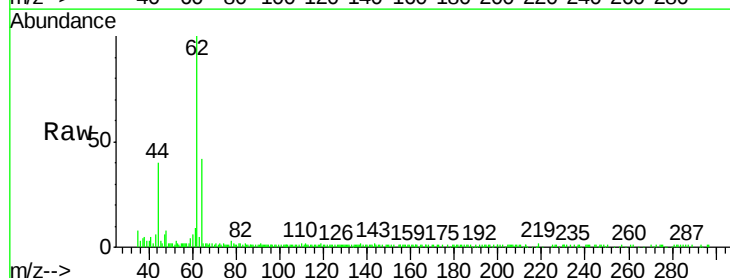
Acq: 23 Dec 2019 19:06

Tgt Ion: 62 Resp: 15316

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

15000

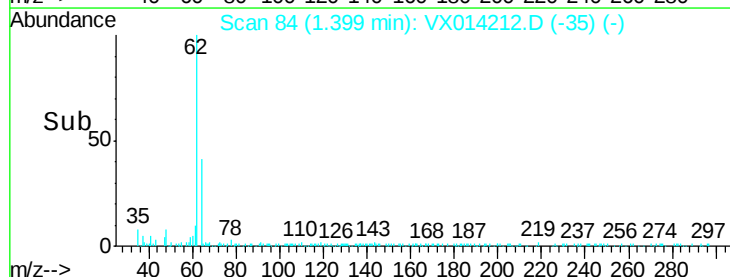
10000

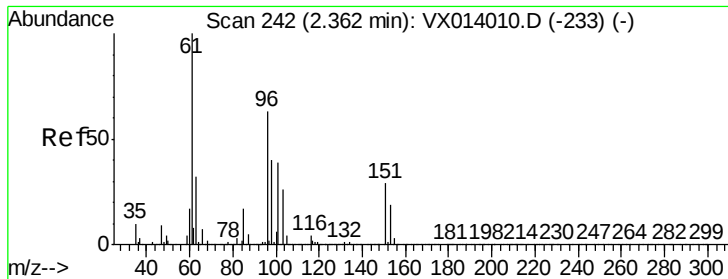
5000

0

Time-->

1.35 1.40 1.45





#12

1,1-Dichloroethene

Concen: 10.007 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014212.D

Acq: 23 Dec 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

MW-3

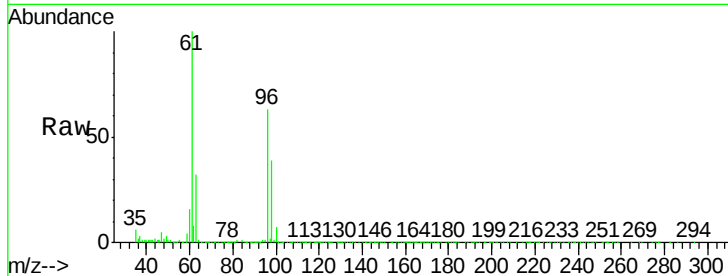
Tot Ion: 96 Resp: 53719

Ion Ratio Lower Upper

96 100

61 159.5 127.9 191.9

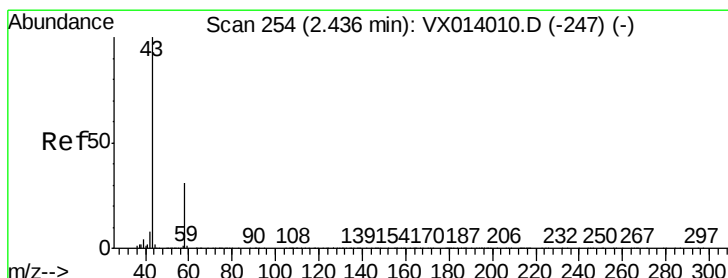
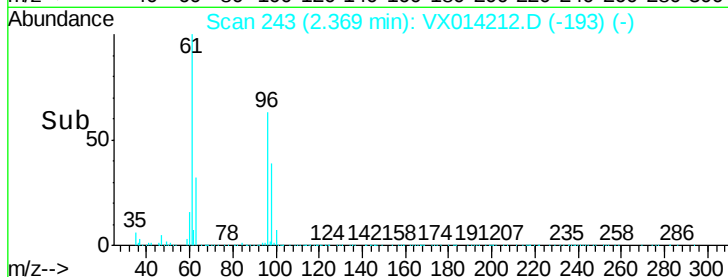
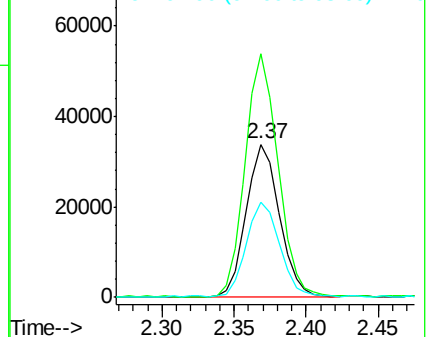
98 62.2 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 1.852 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014212.D

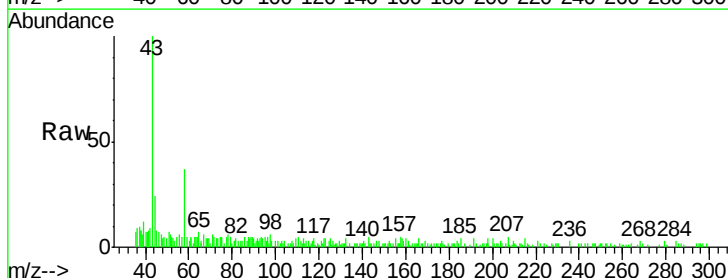
Acq: 23 Dec 2019 19:06

Tgt Ion: 43 Resp: 7607

Ion Ratio Lower Upper

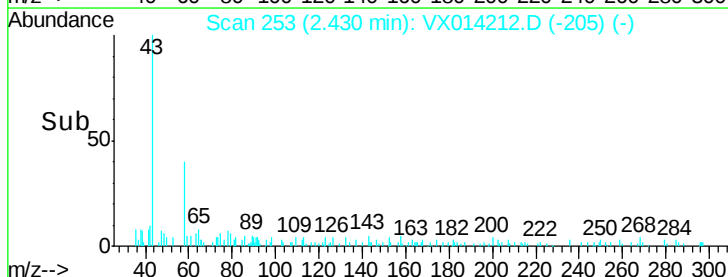
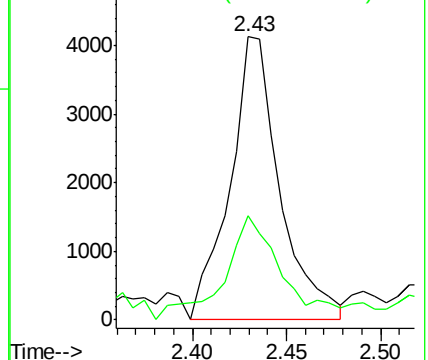
43 100

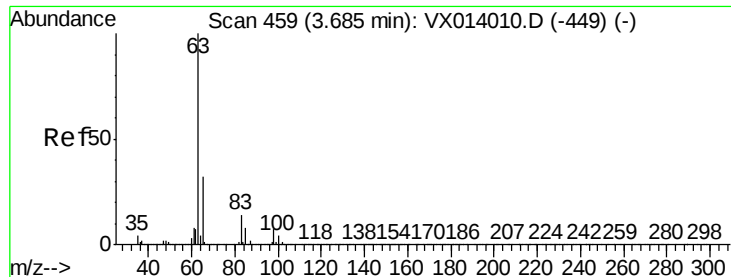
58 32.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 3.312 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014212.D

Acq: 23 Dec 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

MW-3

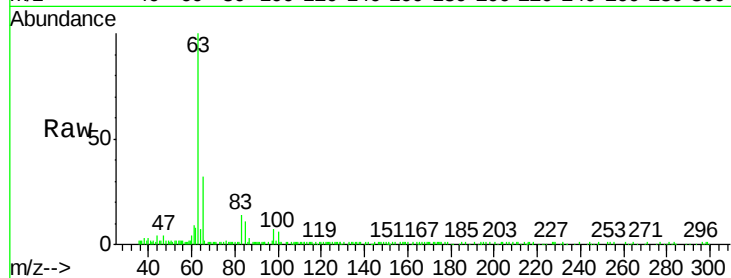
Tot Ion: 63 Resp: 35199

Ion Ratio Lower Upper

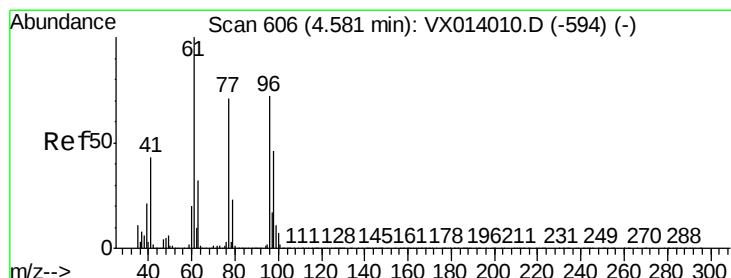
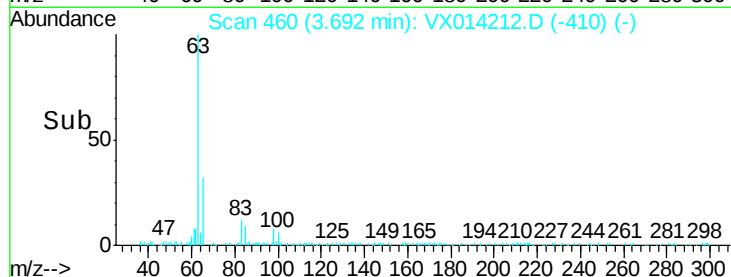
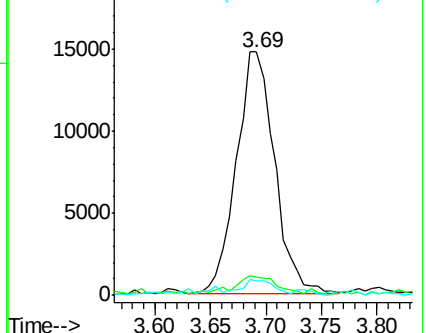
63 100

98 7.0 3.6 10.8

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.336 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX014212.D

Acq: 23 Dec 2019 19:06

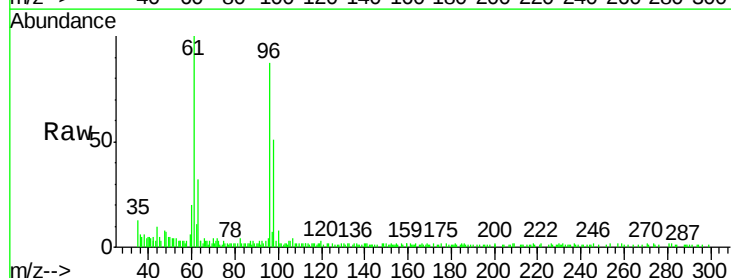
Tgt Ion: 96 Resp: 15628

Ion Ratio Lower Upper

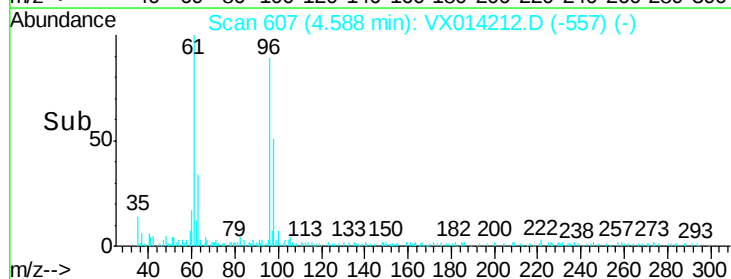
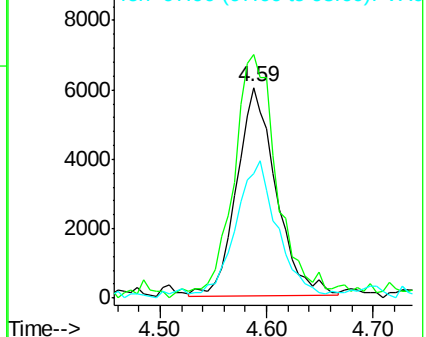
96 100

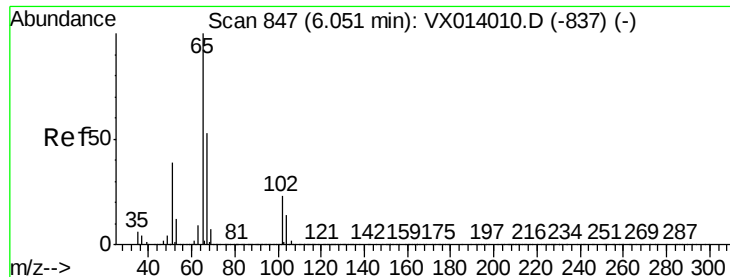
61 130.1 0.0 288.4

98 68.7 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.084 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014212.D

Acq: 23 Dec 2019 19:06

Instrument :

MSVOA_X

ClientSampled :

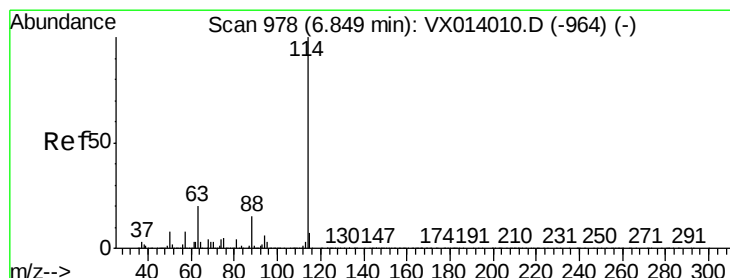
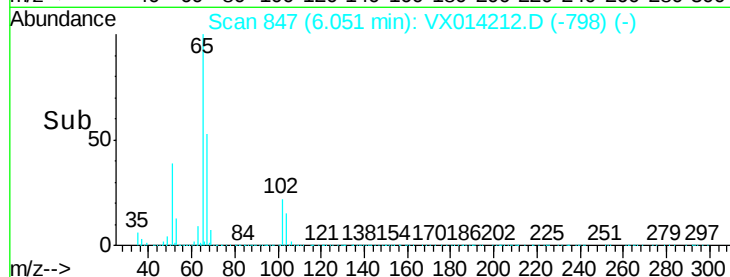
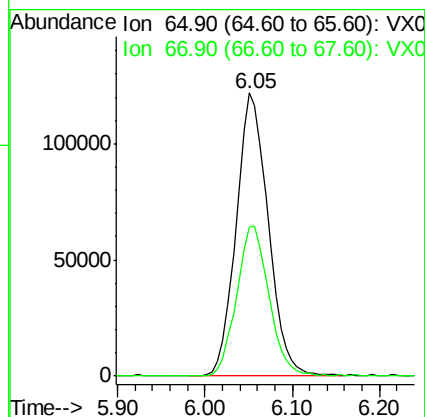
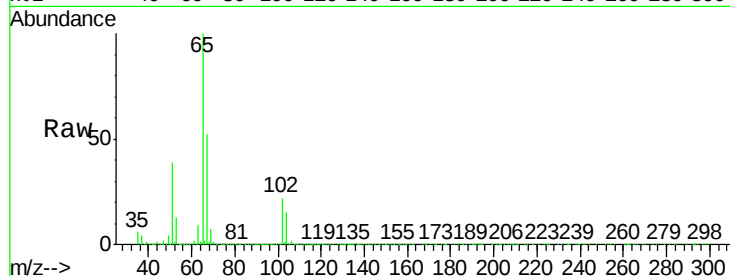
MW-3

Tot Ion: 65 Resp: 310461

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014212.D

Acq: 23 Dec 2019 19:06

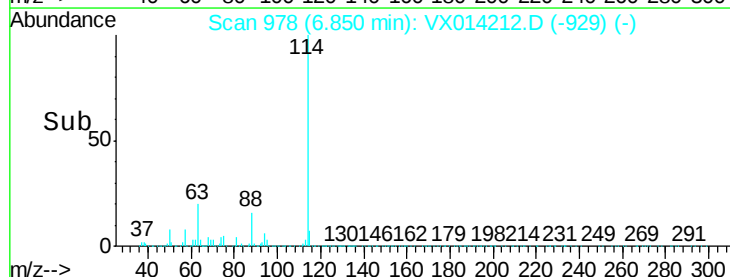
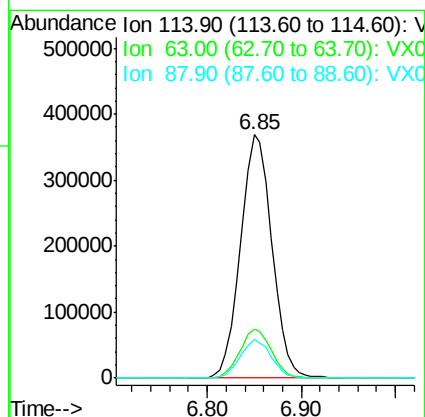
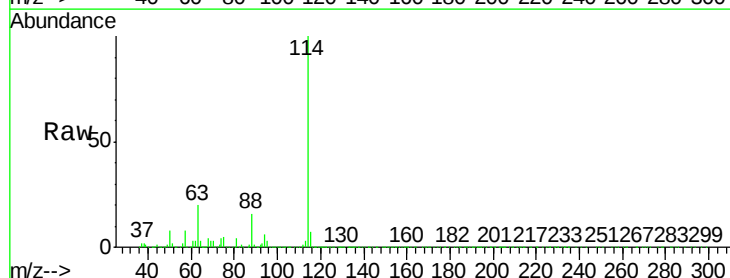
Tgt Ion: 114 Resp: 857751

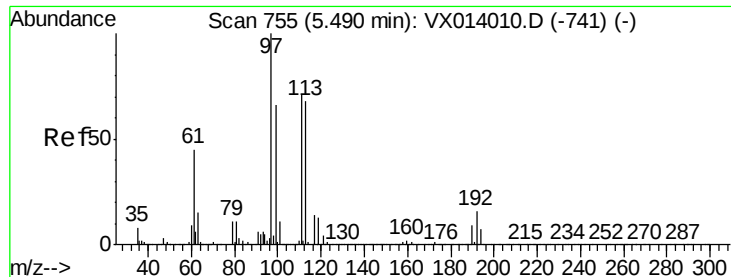
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.150 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014212.D

Acq: 23 Dec 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

MW-3

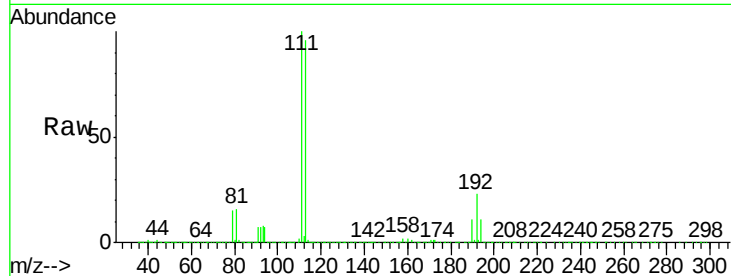
Tot Ion:113 Resp: 256276

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

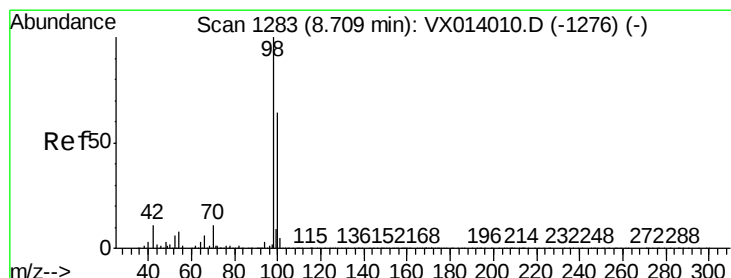
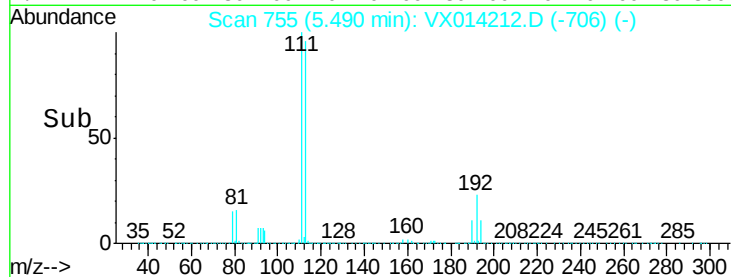
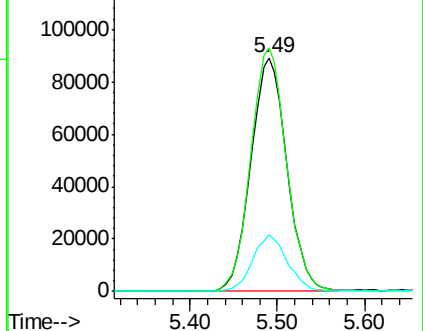
192 23.5 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 50.226 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014212.D

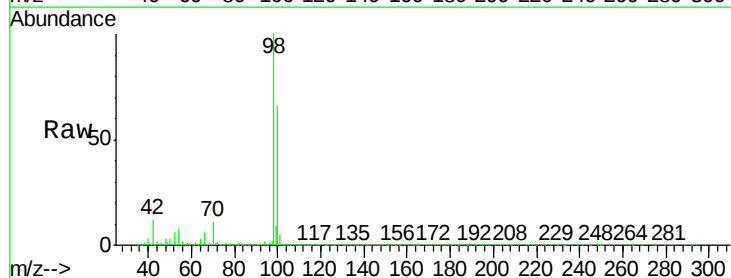
Acq: 23 Dec 2019 19:06

Tgt Ion: 98 Resp: 1019593

Ion Ratio Lower Upper

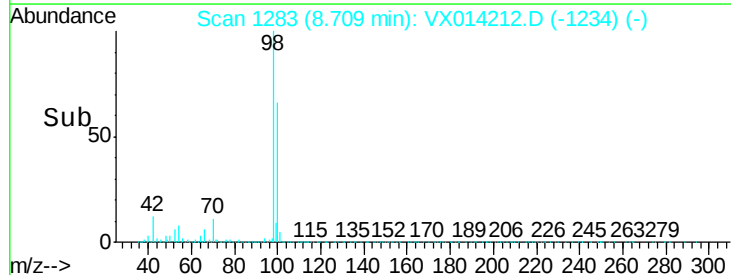
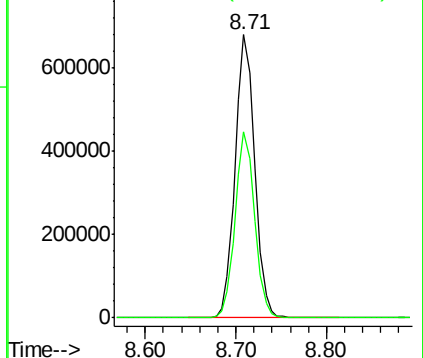
98 100

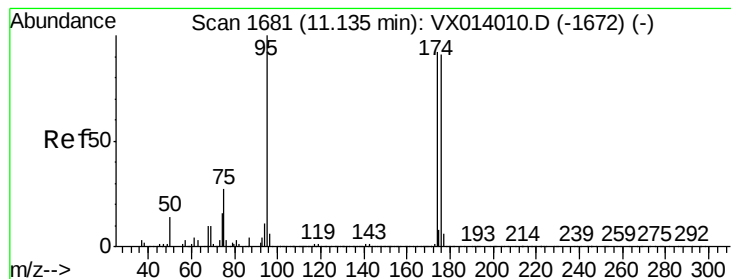
100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#62

4-Bromofluorobenzene

Concen: 46.437 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014212.D

Acq: 23 Dec 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

MW-3

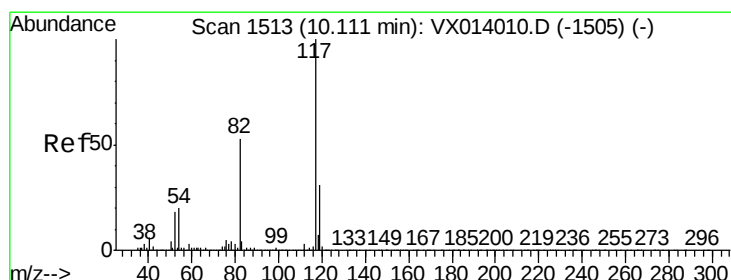
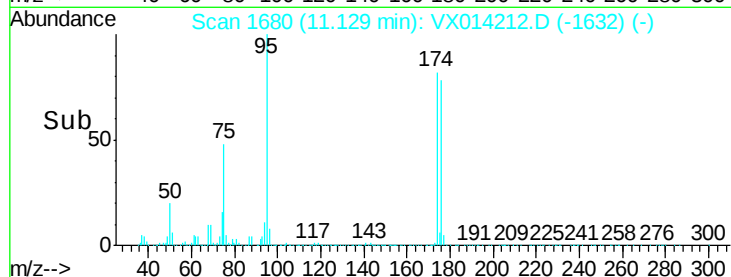
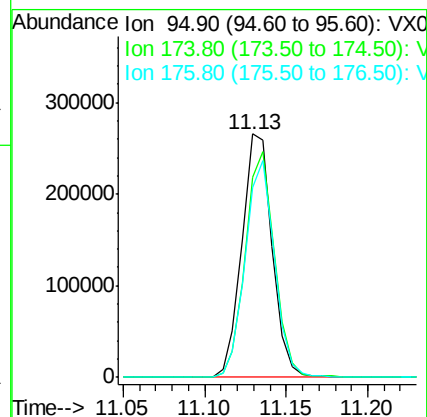
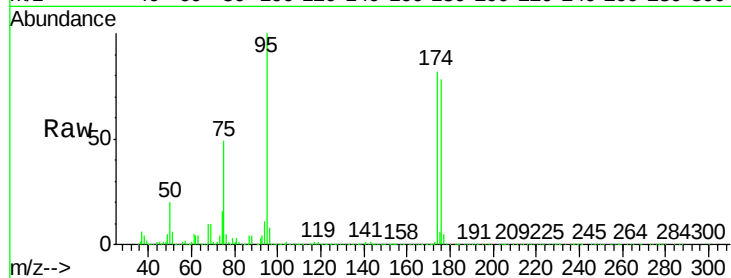
Tot Ion: 95 Resp: 344588

Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.8

176 86.9 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014212.D

Acq: 23 Dec 2019 19:06

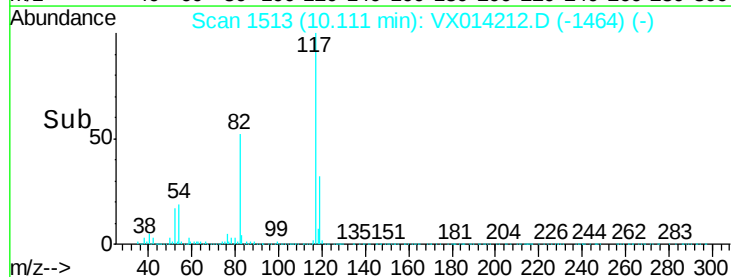
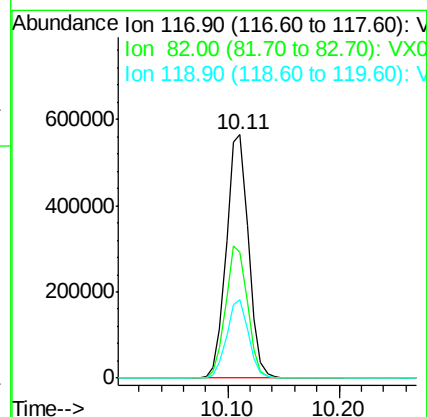
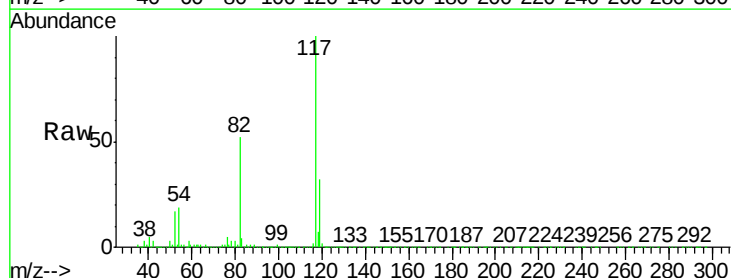
Tgt Ion: 117 Resp: 775631

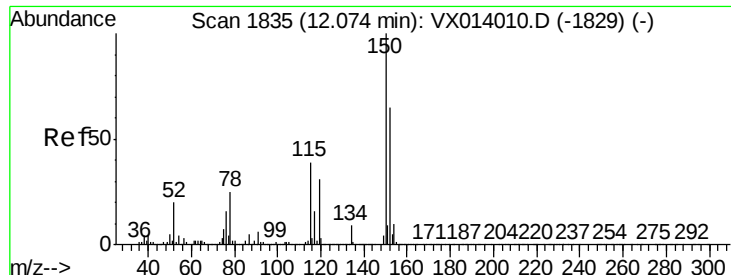
Ion Ratio Lower Upper

117 100

82 51.9 42.2 63.4

119 32.4 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014212.D

Acq: 23 Dec 2019 19:06

Instrument :

MSVOA_X

ClientSampleId :

MW-3

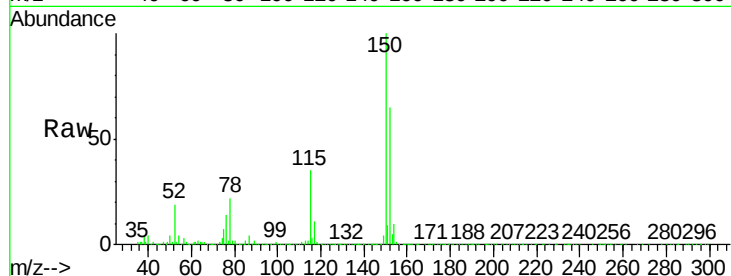
Tot Ion:152 Resp: 345016

Ion Ratio Lower Upper

152 100

115 56.3 38.3 114.9

150 157.7 0.0 345.4



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

