

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015684.D
 Acq On : 15 Apr 2020 15:38
 Operator : JC/SP
 Sample : L2233-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-200409

Quant Time: Apr 16 07:00:01 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

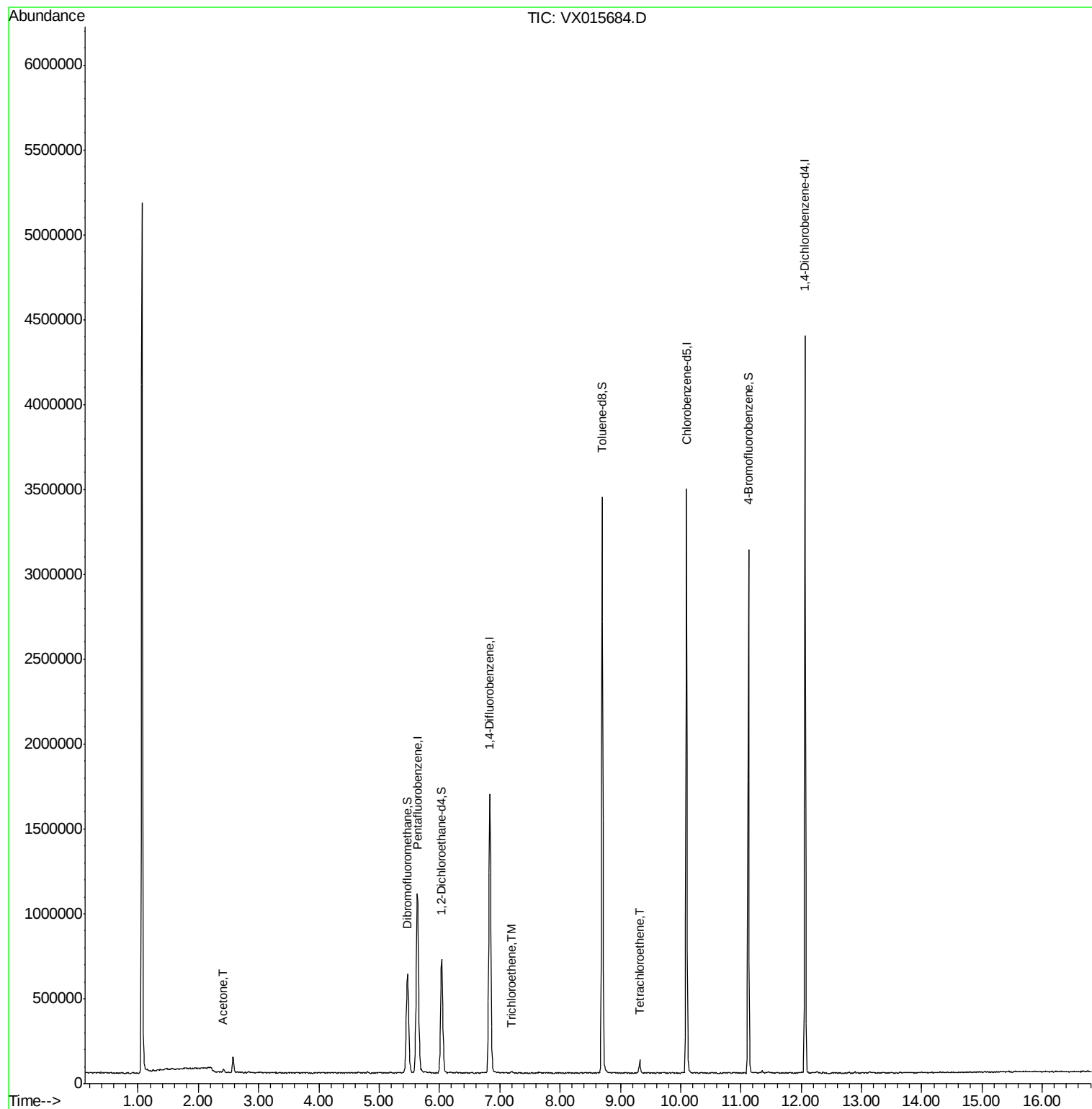
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1070815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1679322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1565833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	865890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	654614	43.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.68%	
35) Dibromofluoromethane	5.47	113	503479	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
50) Toluene-d8	8.70	98	1978974	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.12	95	843378	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
Target Compounds						
16) Acetone	2.41	43	24228	3.734	ug/l #	89
44) Trichloroethene	7.20	130	4988	0.404	ug/l	70
64) Tetrachloroethene	9.32	164	18024	1.525	ug/l #	85

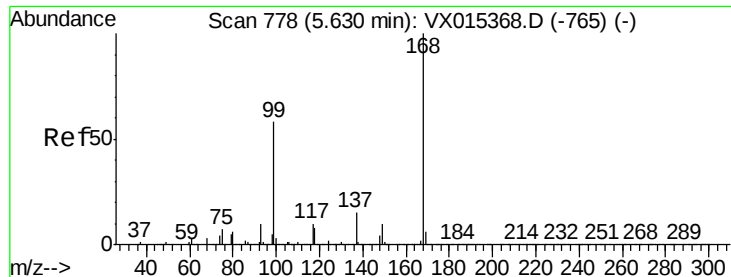
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 905

Delta R.T. 0.00 min

Lab File: VX015684.D

Acq: 15 Apr 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

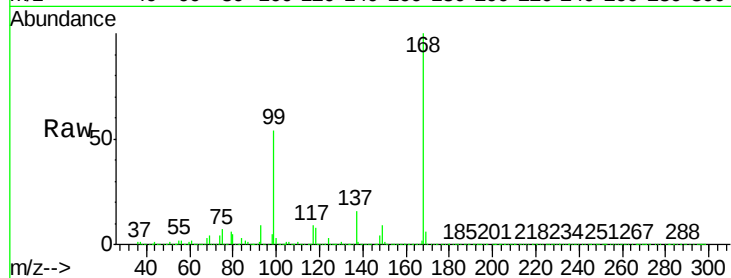
ST008MW214-200409

Tot Ion:168 Resp: 1070815

Ion Ratio Lower Upper

168 100

99 53.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

200000

100000

0

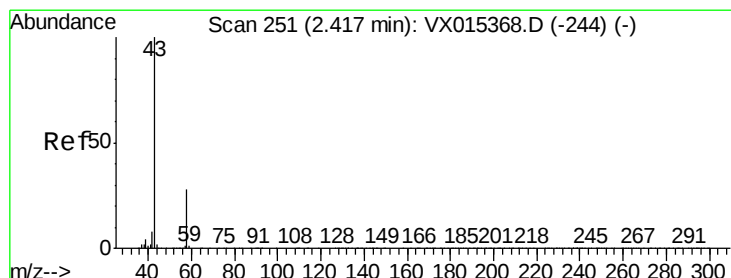
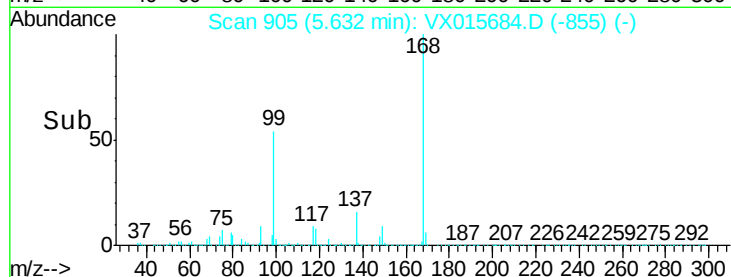
5.50

5.60

5.70

5.80

Time-->



#16

Acetone

Concen: 3.734 ug/l

RT: 2.41 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015684.D

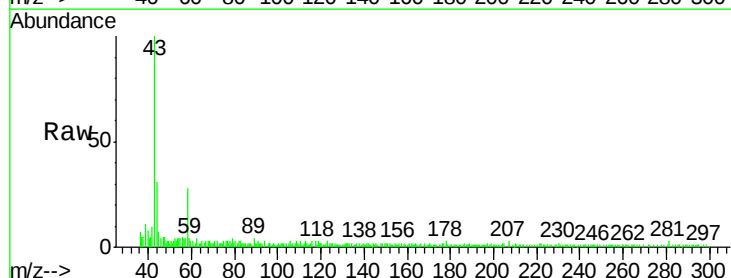
Acq: 15 Apr 2020 15:38

Tgt Ion: 43 Resp: 24228

Ion Ratio Lower Upper

43 100

58 22.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.41

10000

5000

0

2.30

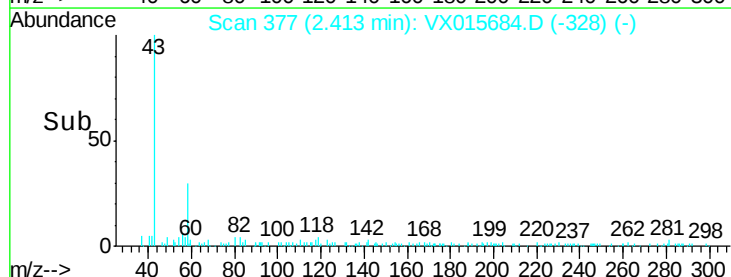
2.35

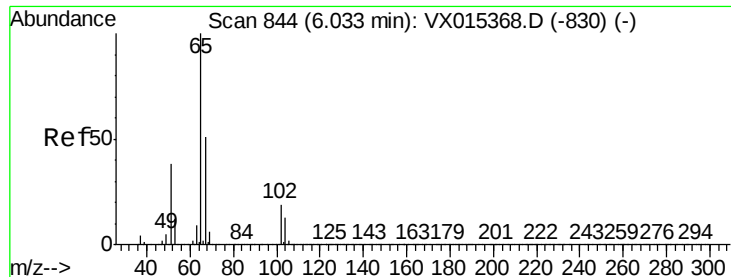
2.40

2.45

2.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.344 ug/l

RT: 6.03 min Scan# 971

Delta R.T. 0.00 min

Lab File: VX015684.D

Acq: 15 Apr 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

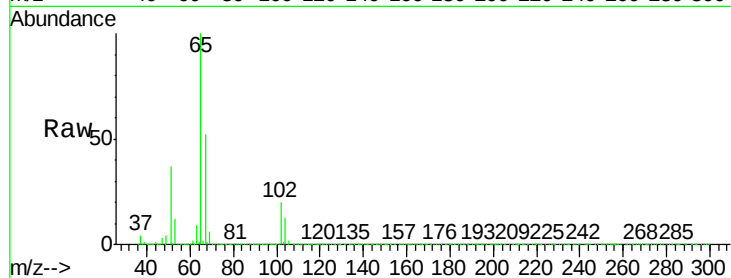
ST008MW214-200409

Tot Ion: 65 Resp: 654614

Ion Ratio Lower Upper

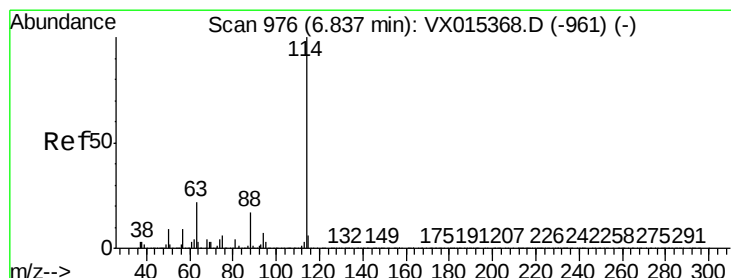
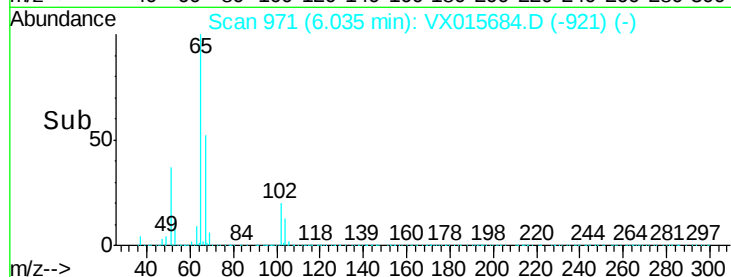
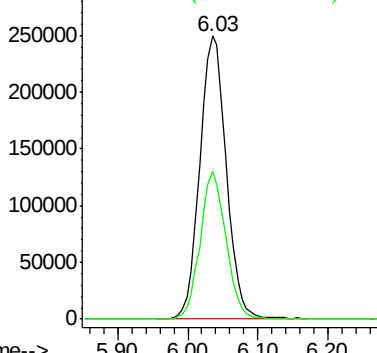
65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VX015684.D

Acq: 15 Apr 2020 15:38

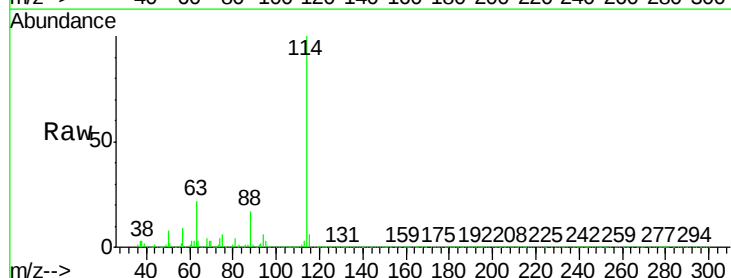
Tgt Ion: 114 Resp: 1679322

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.2

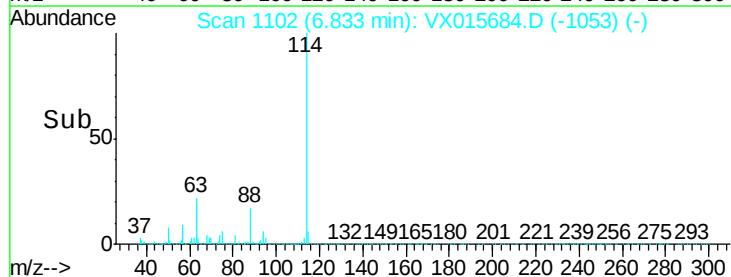
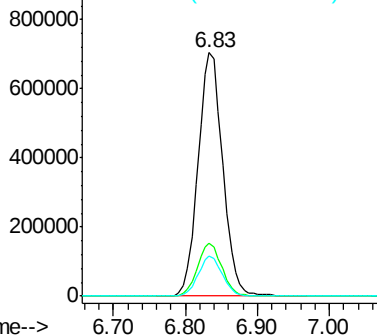
88 16.7 0.0 33.8

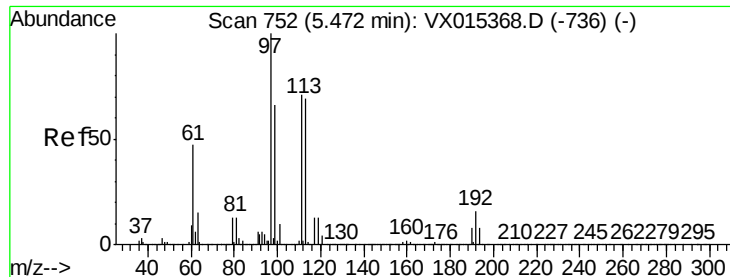


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

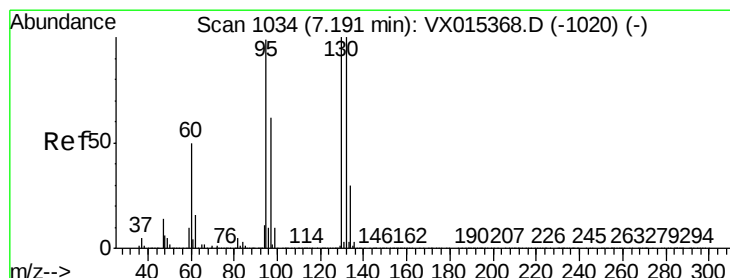
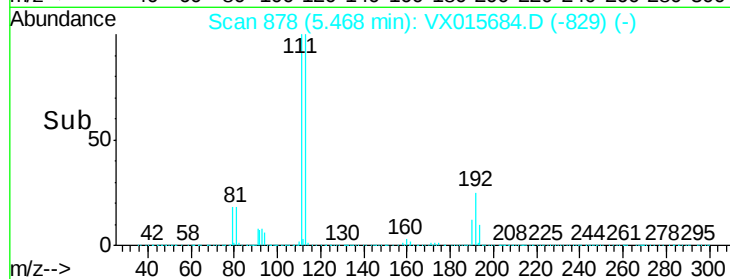
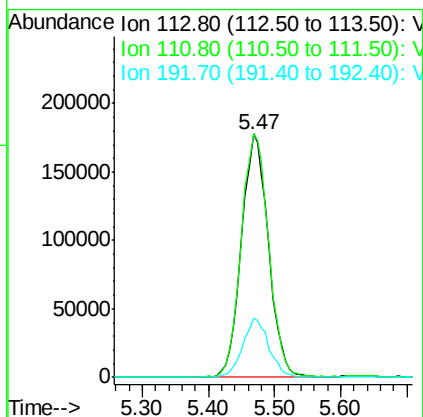
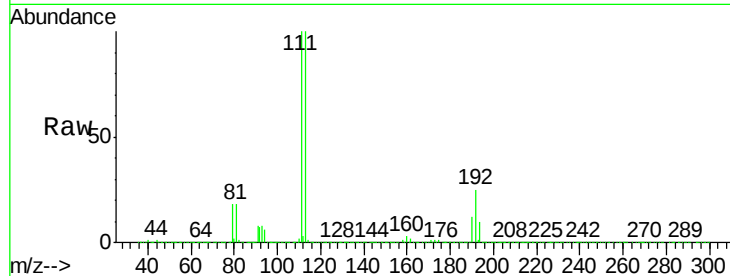




#35
 Dibromofluoromethane
 Concen: 46.902 ug/l
 RT: 5.47 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VX015684.D
 Acq: 15 Apr 2020 15:38

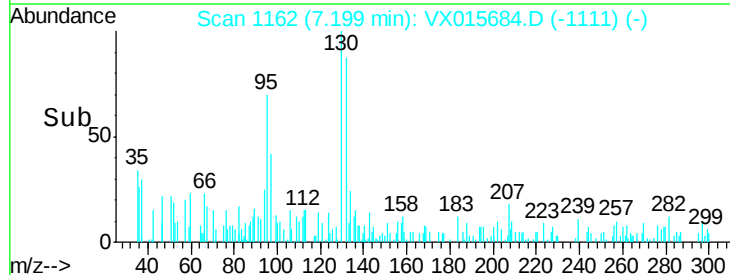
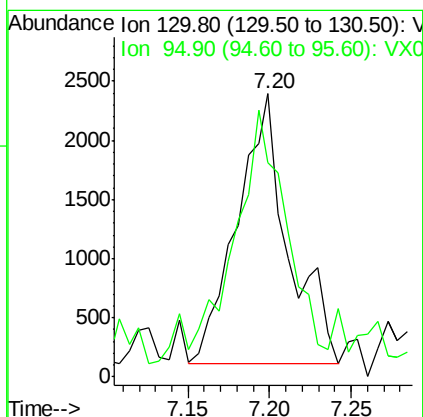
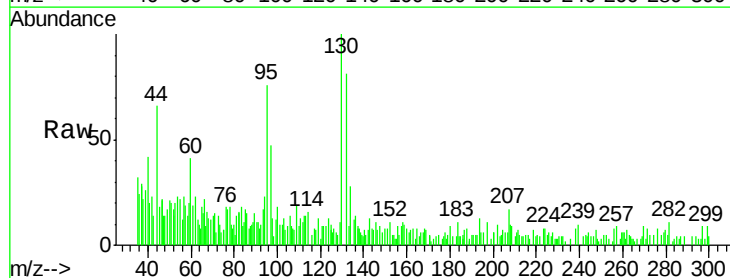
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-200409

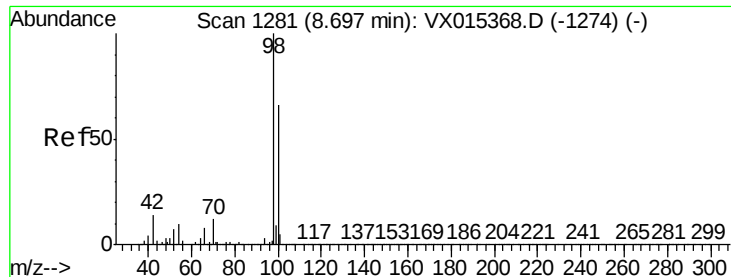
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	23.3	17.8	26.6



#44
 Trichloroethene
 Concen: 0.404 ug/l
 RT: 7.20 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX015684.D
 Acq: 15 Apr 2020 15:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	69.3	0.0	199.0





#50

Toluene-d8

Concen: 50.072 ug/l

RT: 8.70 min Scan# 1408

Delta R.T. 0.00 min

Lab File: VX015684.D

Acq: 15 Apr 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

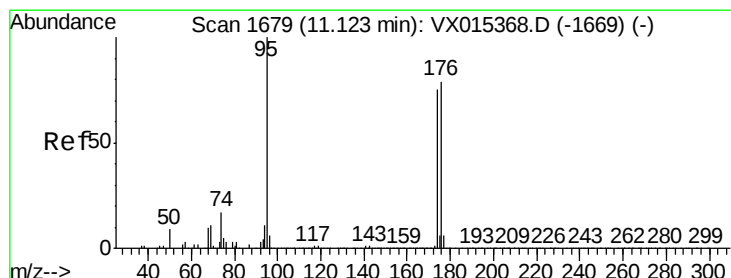
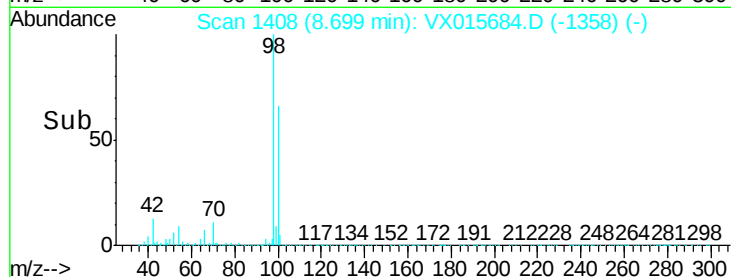
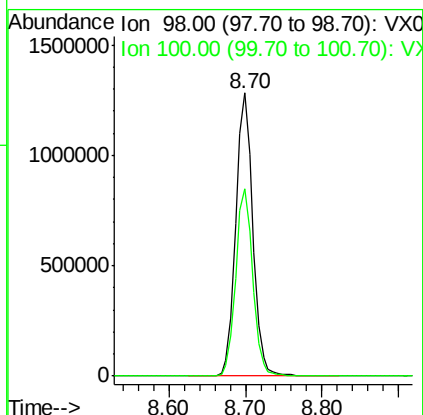
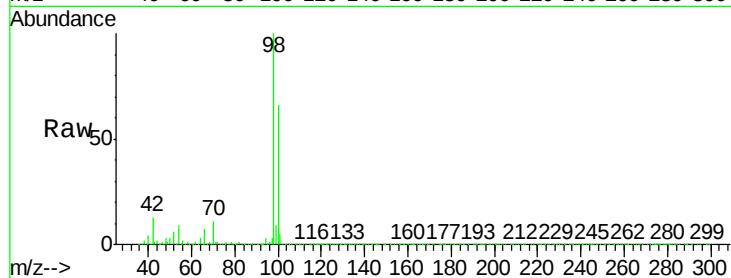
ST008MW214-200409

Tot Ion: 98 Resp: 1978974

Ion Ratio Lower Upper

98 100

100 66.5 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 52.508 ug/l

RT: 11.12 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VX015684.D

Acq: 15 Apr 2020 15:38

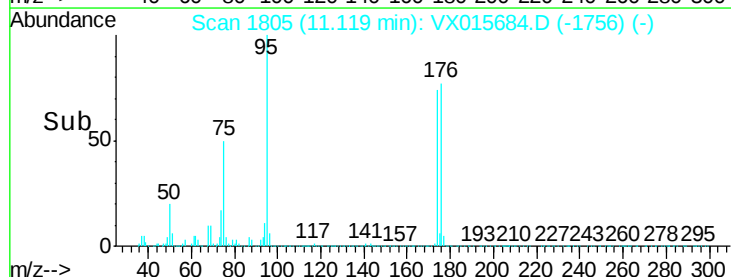
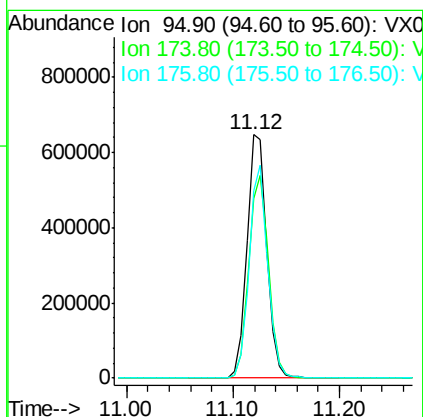
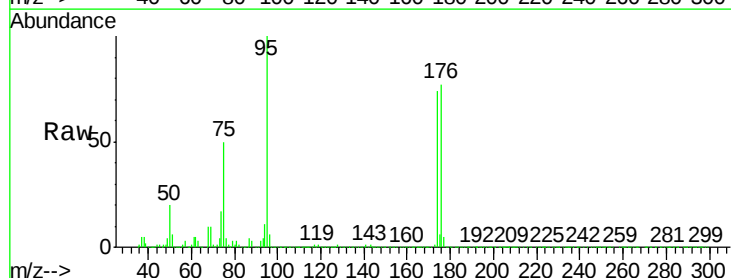
Tgt Ion: 95 Resp: 843378

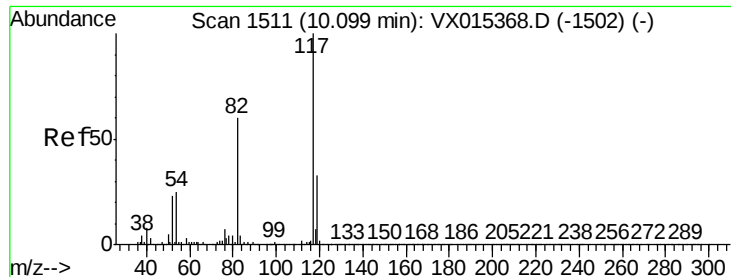
Ion Ratio Lower Upper

95 100

174 83.6 0.0 158.6

176 82.3 0.0 159.0

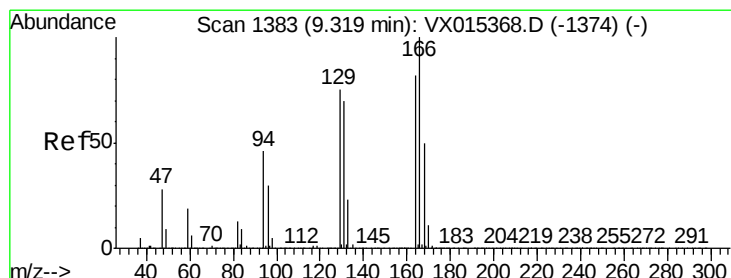
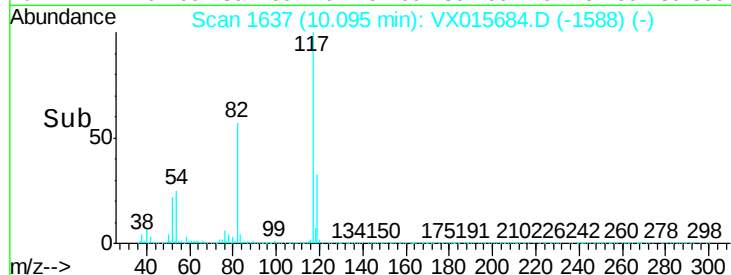
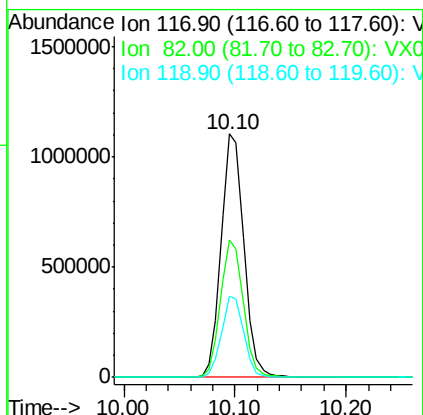
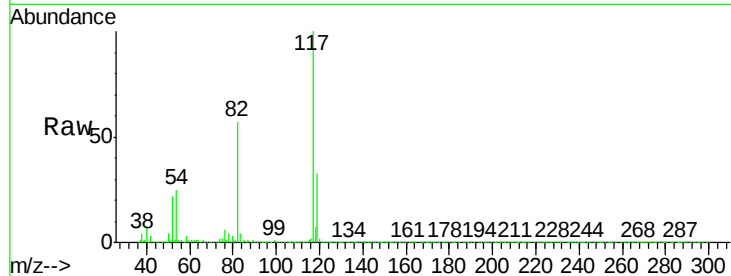




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX015684.D
Acq: 15 Apr 2020 15:38

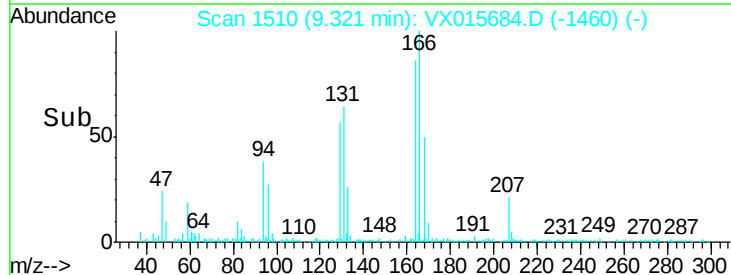
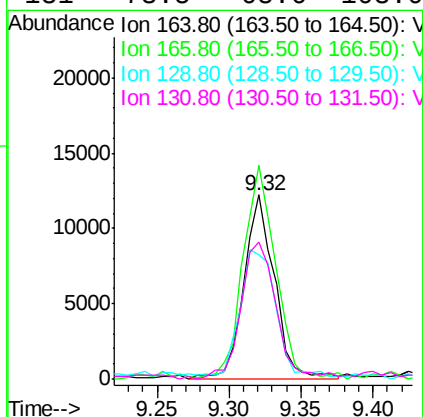
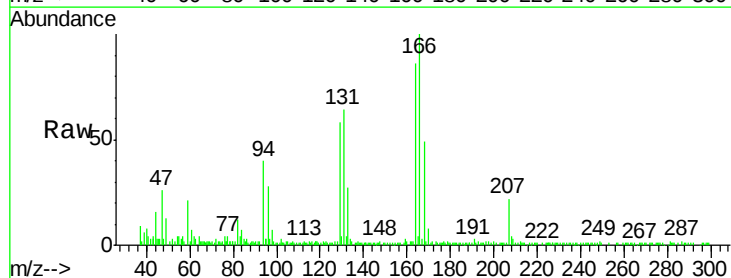
Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-200409

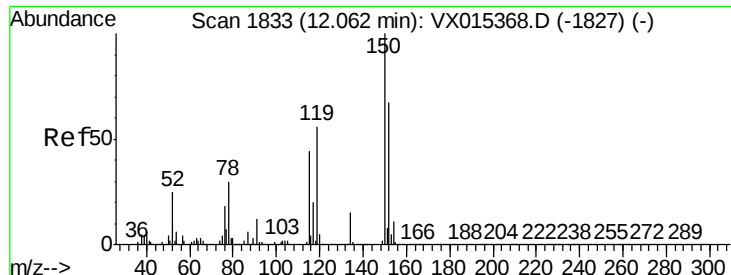
Tot Ion:117 Resp: 1565833
Ion Ratio Lower Upper
117 100
82 56.7 47.8 71.8
119 33.4 26.8 40.2



#64
Tetrachloroethene
Concen: 1.525 ug/l
RT: 9.32 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX015684.D
Acq: 15 Apr 2020 15:38

Tgt Ion:164 Resp: 18024
Ion Ratio Lower Upper
164 100
166 114.9 97.8 146.6
129 65.0 73.0 109.4#
131 73.5 68.6 103.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1960

Delta R.T. 0.00 min

Lab File: VX015684.D

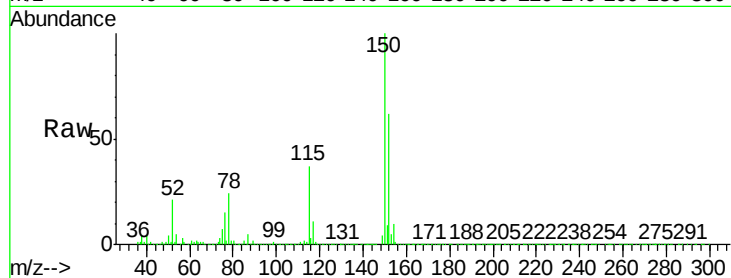
Acq: 15 Apr 2020 15:38

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-200409



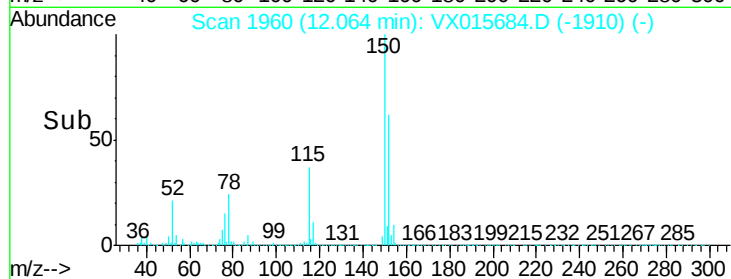
Tot Ion:152 Resp: 865890

Ion Ratio Lower Upper

152 100

115 58.3 39.0 116.9

150 160.1 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

