

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
 Data File : VX015597.D
 Acq On : 09 Apr 2020 15:24
 Operator : JC/SP
 Sample : L2178-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D

Quant Time: Apr 10 07:40:04 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

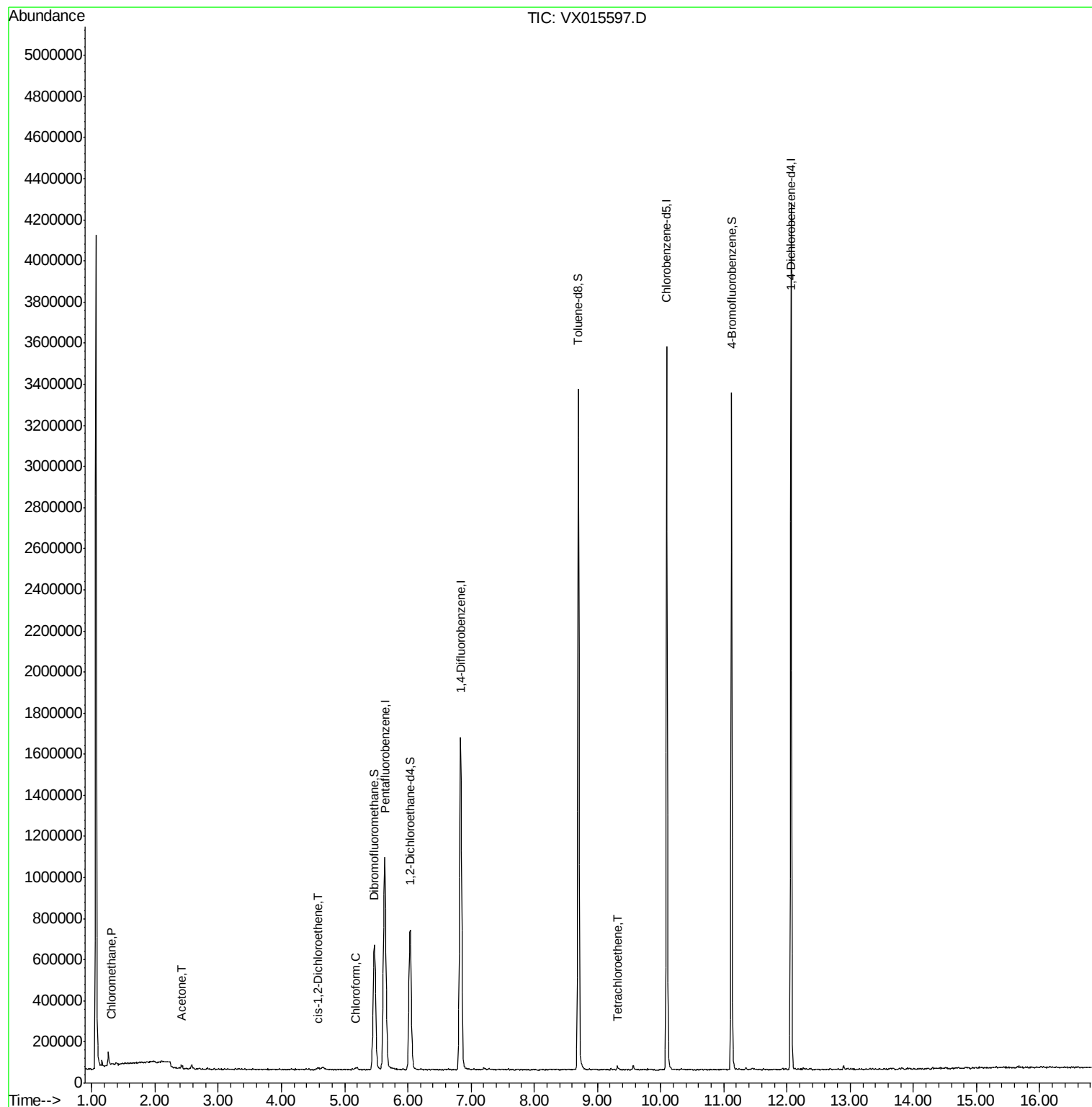
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1037497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1608418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1549488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	872608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	684483	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.47	113	508999	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.70	98	1951572	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.12	95	844404	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	3599	0.309	ug/l #	83
16) Acetone	2.42	43	19179	3.051	ug/l #	89
27) cis-1,2-Dichloroethene	4.58	96	5817	0.463	ug/l	67
30) Chloroform	5.19	83	11052	0.538	ug/l	87
64) Tetrachloroethene	9.32	164	3739	0.320	ug/l #	93

(#) = 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# 778

Delta R.T. 0.00 min

Lab File: VX015597.D

Acq: 09 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

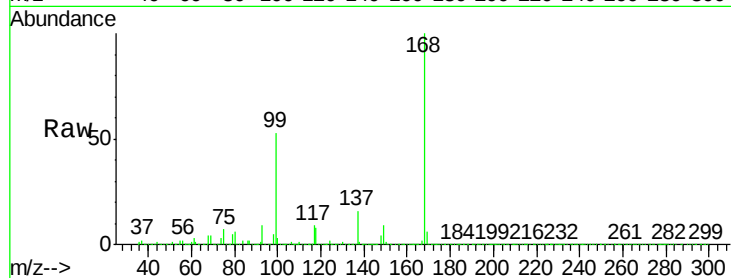
MW-1D

Tot Ion:168 Resp: 1037497

Ion Ratio Lower Upper

168 100

99 53.2 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

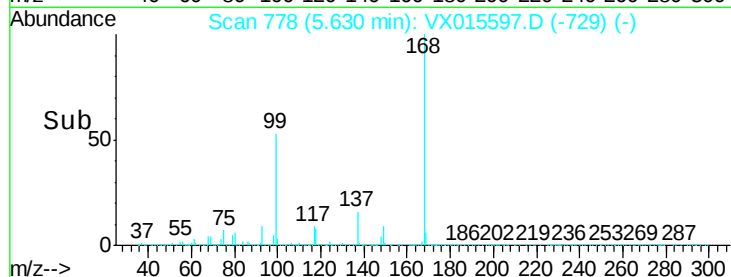
300000

200000

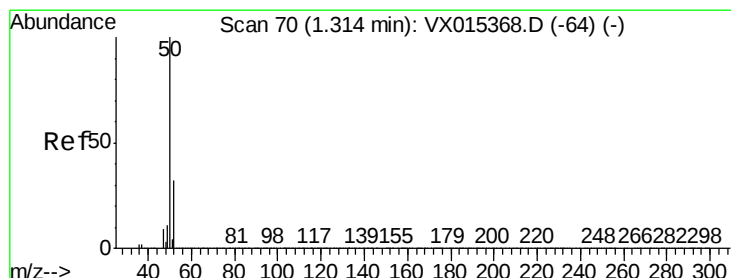
100000

0

5.50 5.60 5.70 5.80



Time-->



#3

Chloromethane

Concen: 0.309 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015597.D

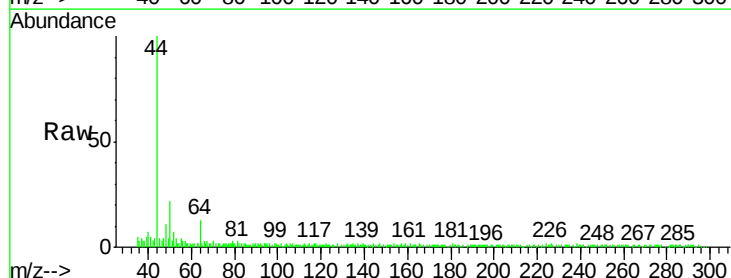
Acq: 09 Apr 2020 15:24

Tgt Ion: 50 Resp: 3599

Ion Ratio Lower Upper

50 100

52 22.0 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

4000

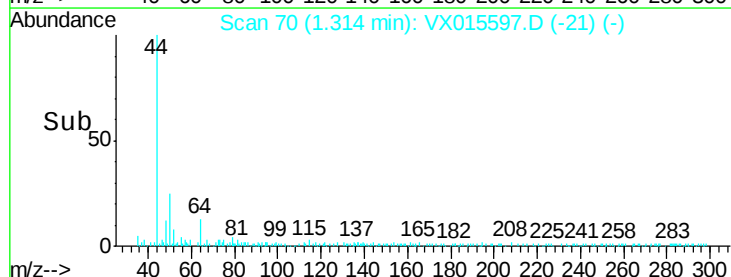
3000

2000

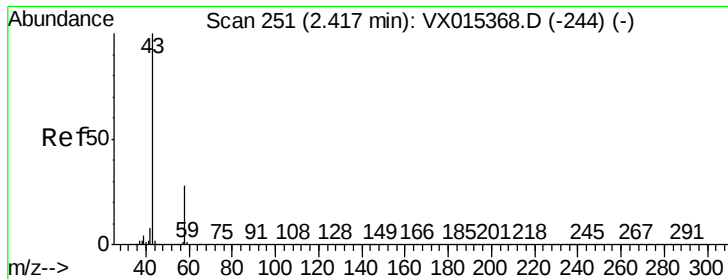
1000

0

1.28 1.30 1.32 1.34



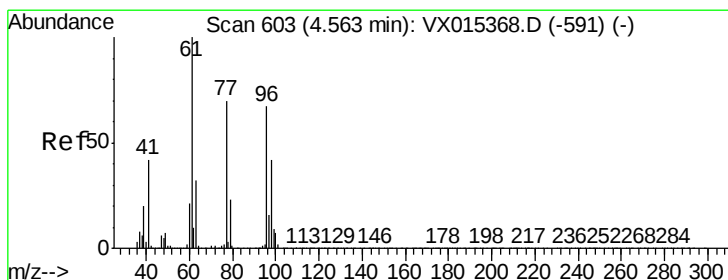
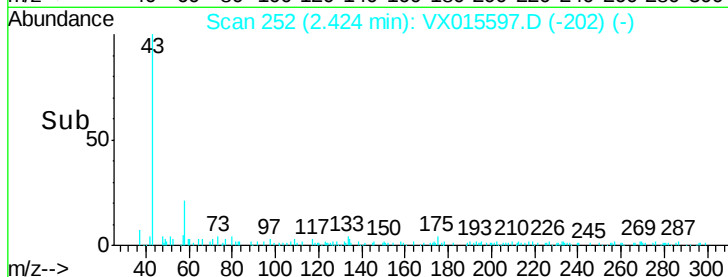
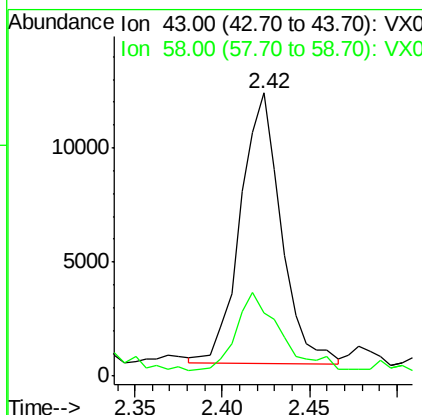
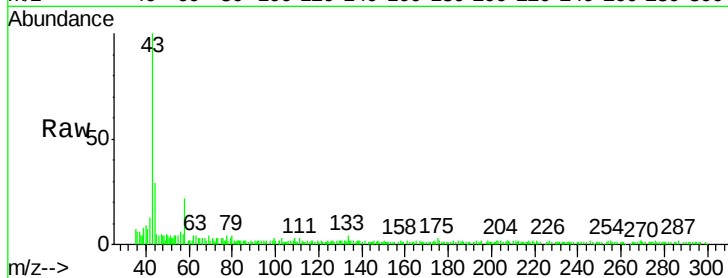
Time-->



#16
Acetone
Concen: 3.051 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.01 min
Lab File: VX015597.D
Acq: 09 Apr 2020 15:24

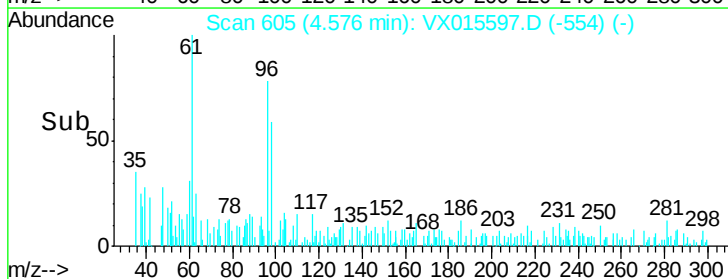
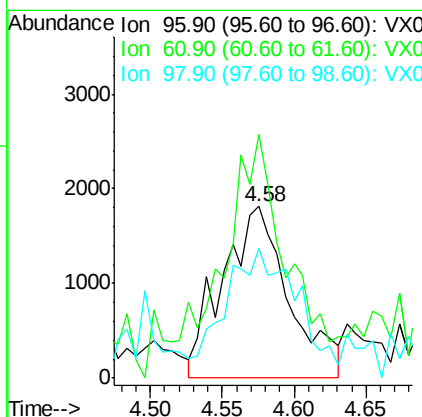
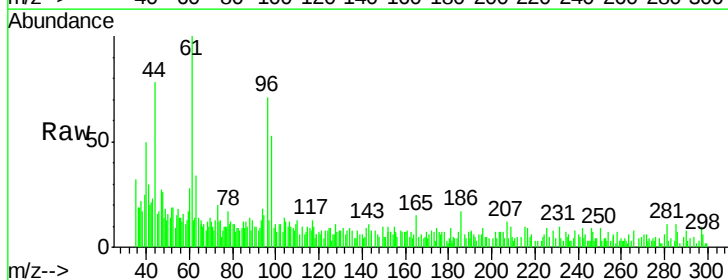
Instrument :
MSVOA_X
ClientSampled :
MW-1D

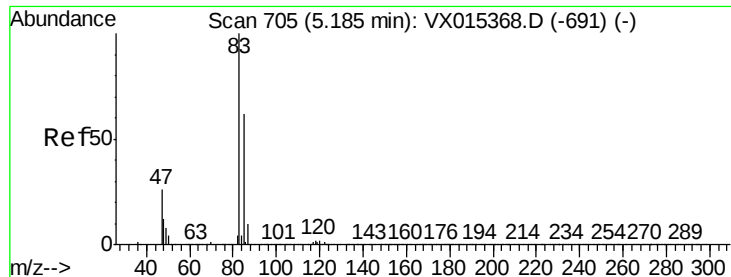
Tot Ion: 43 Resp: 19179
Ion Ratio Lower Upper
43 100
58 21.6 22.1 33.1#



#27
cis-1,2-Dichloroethene
Concen: 0.463 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX015597.D
Acq: 09 Apr 2020 15:24

Tgt Ion: 96 Resp: 5817
Ion Ratio Lower Upper
96 100
61 101.3 0.0 308.4
98 75.2 0.0 129.2

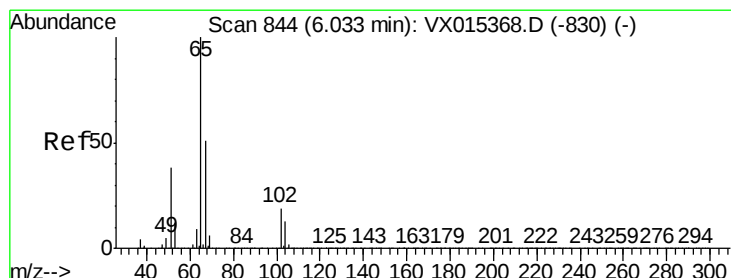
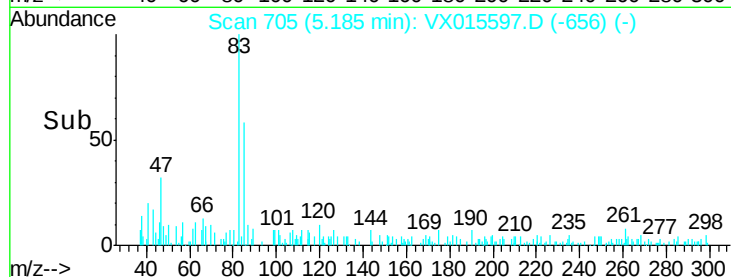
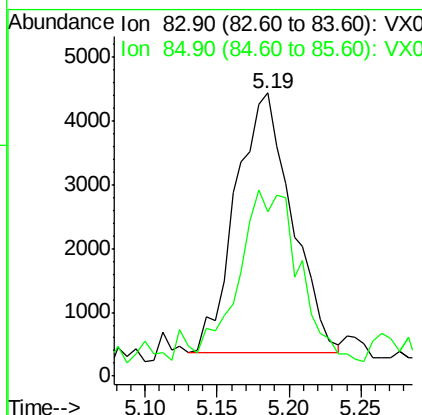
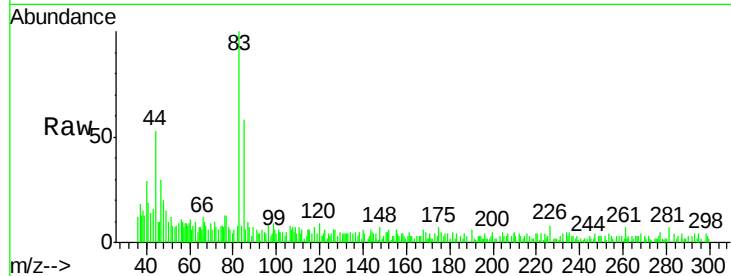




#30
Chloroform
Concen: 0.538 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: VX015597.D
Acq: 09 Apr 2020 15:24

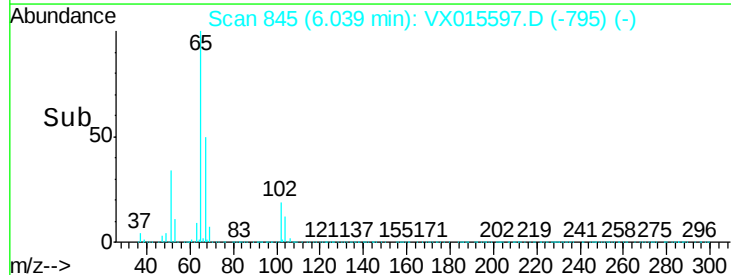
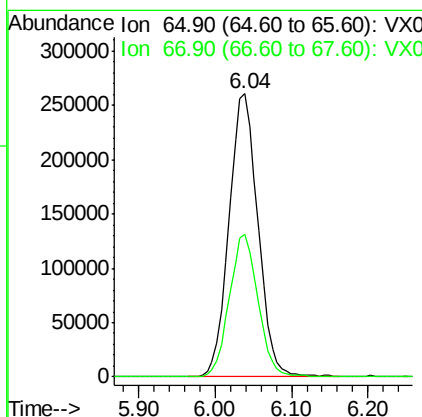
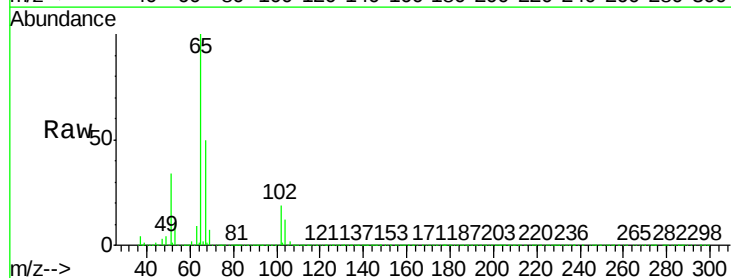
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

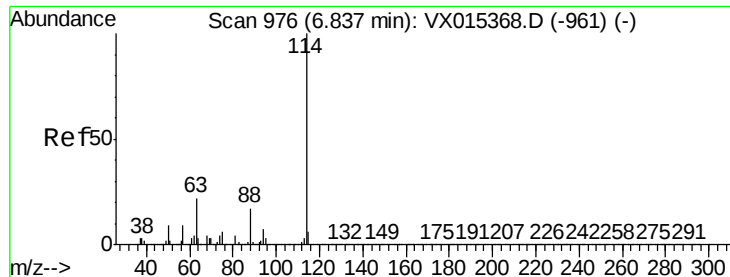
Tot Ion: 83 Resp: 11052
Ion Ratio Lower Upper
83 100
85 52.1 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 46.777 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015597.D
Acq: 09 Apr 2020 15:24

Tgt Ion: 65 Resp: 684483
Ion Ratio Lower Upper
65 100
67 49.5 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015597.D

Acq: 09 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

MW-1D

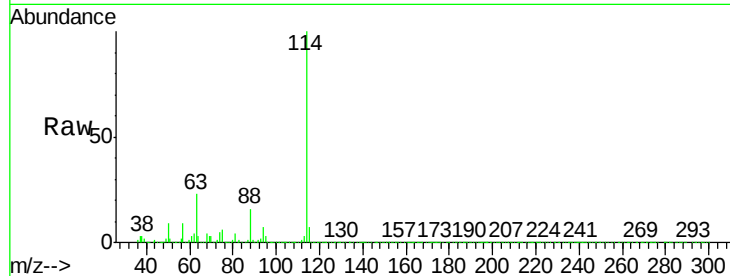
Tot Ion:114 Resp: 1608418

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.2

88 16.4 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

800000

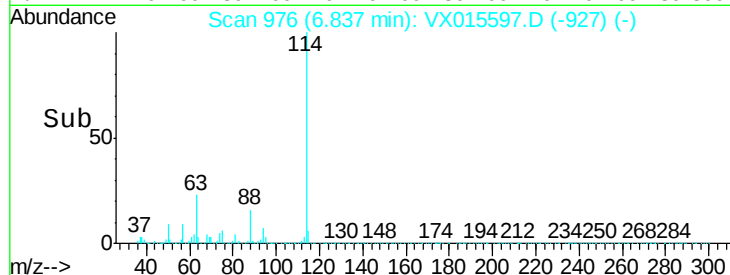
600000

400000

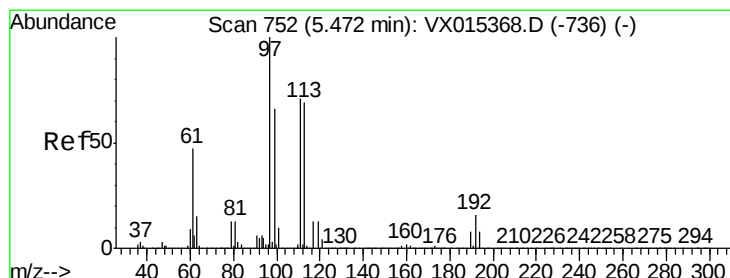
200000

0

6.70 6.80 6.90



Time-->



#35

Dibromofluoromethane

Concen: 49.507 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015597.D

Acq: 09 Apr 2020 15:24

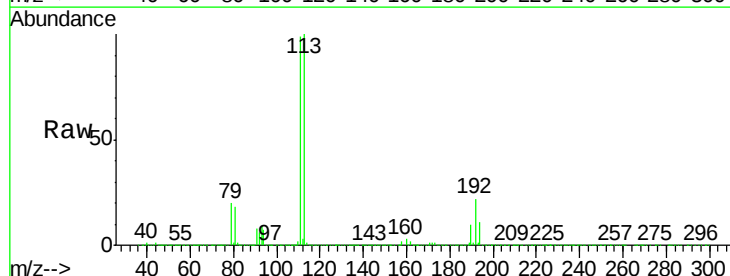
Tgt Ion:113 Resp: 508999

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

192 22.1 17.8 26.6



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

250000

200000

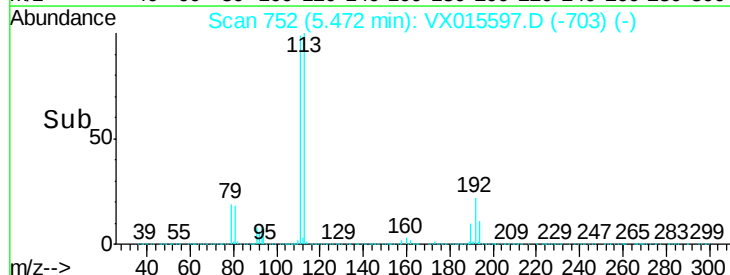
150000

100000

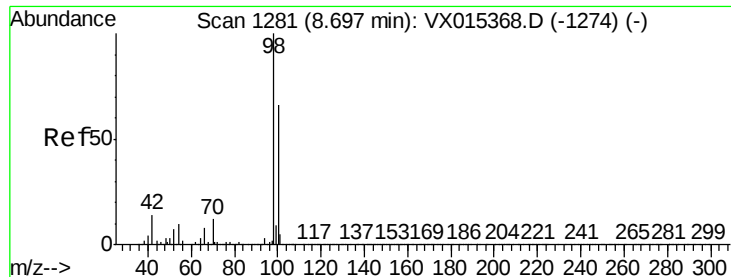
50000

0

5.30 5.40 5.50 5.60



Time-->



#50

Toluene-d8

Concen: 51.556 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015597.D

Acq: 09 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

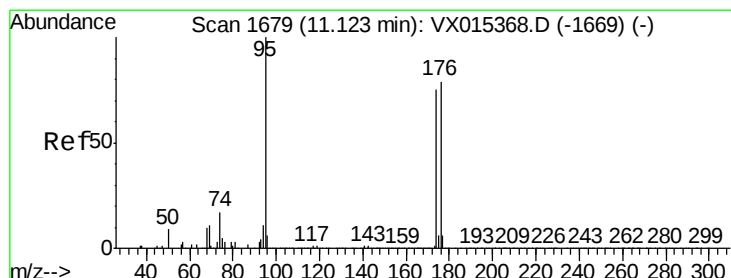
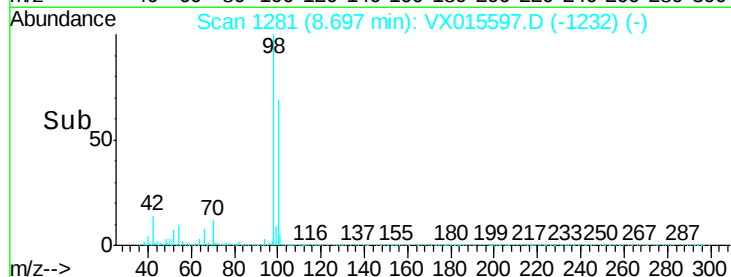
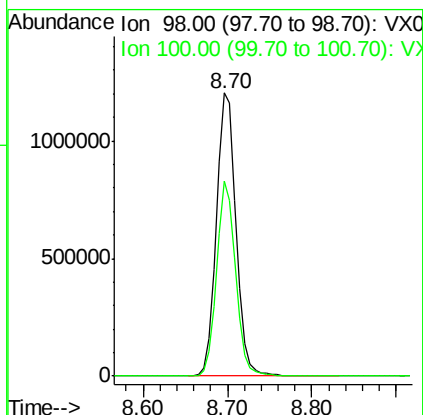
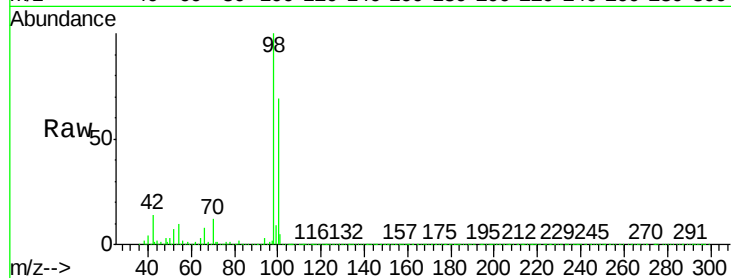
MW-1D

Tot Ion: 98 Resp: 1951572

Ion Ratio Lower Upper

98 100

100 66.4 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 54.889 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015597.D

Acq: 09 Apr 2020 15:24

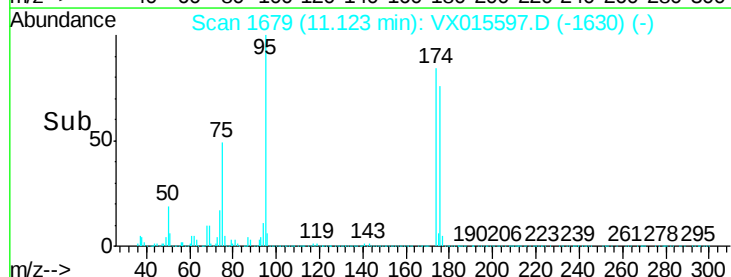
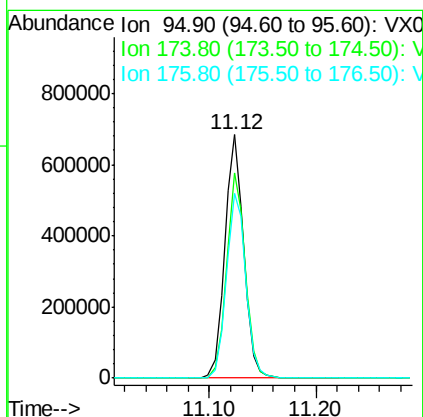
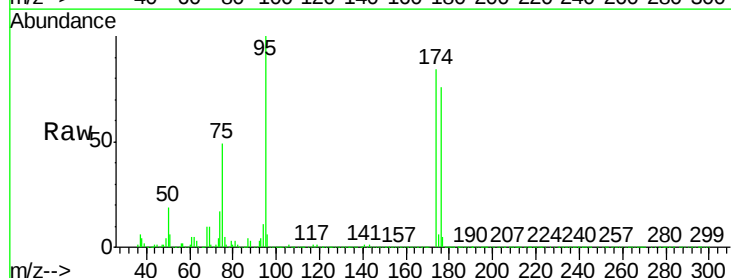
Tgt Ion: 95 Resp: 844404

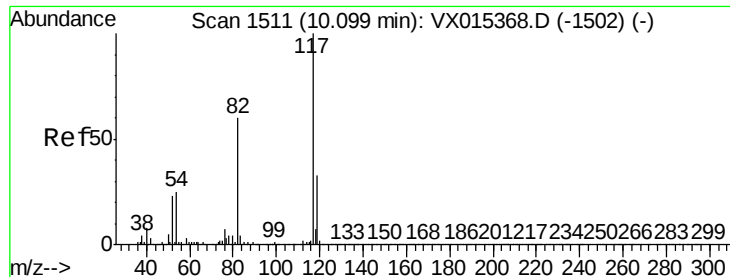
Ion Ratio Lower Upper

95 100

174 84.2 0.0 158.6

176 78.4 0.0 159.0

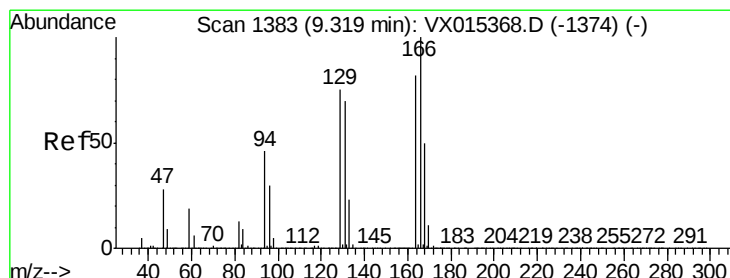
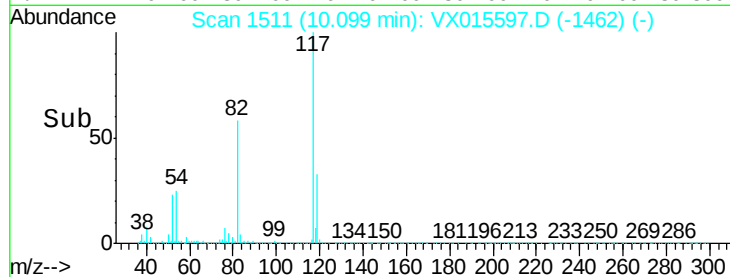
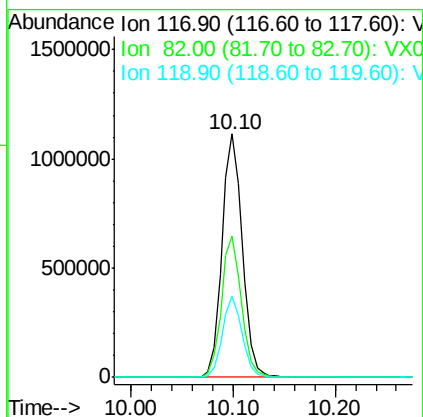
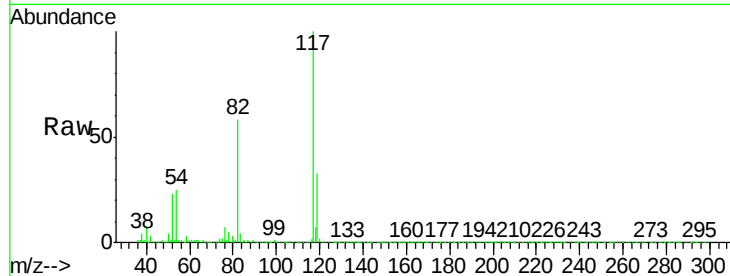




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015597.D
Acq: 09 Apr 2020 15:24

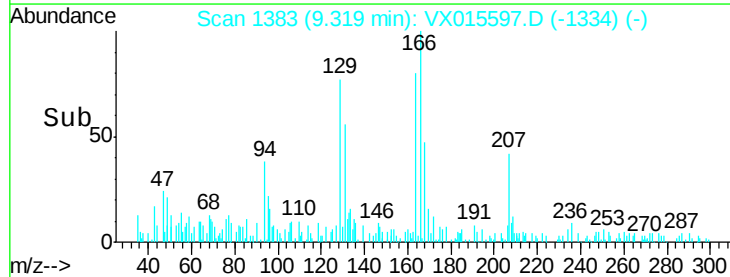
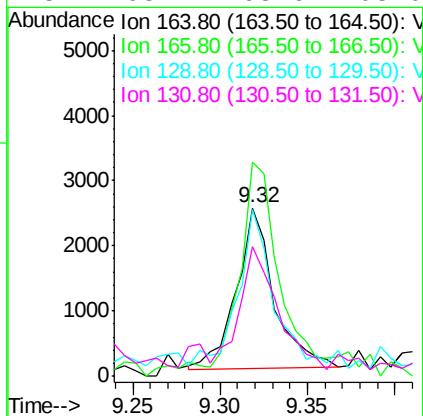
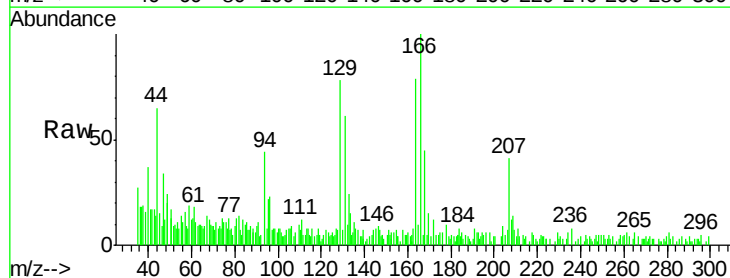
Instrument :
MSVOA_X
ClientSampled :
MW-1D

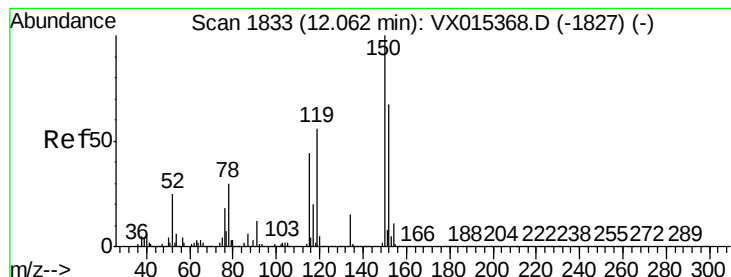
Tot Ion:117 Resp: 1549488
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.8
119 33.4 26.8 40.2



#64
Tetrachloroethene
Concen: 0.320 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015597.D
Acq: 09 Apr 2020 15:24

Tgt Ion:164 Resp: 3739
Ion Ratio Lower Upper
164 100
166 125.8 97.8 146.6
129 92.5 73.0 109.4
131 68.1 68.6 103.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VX015597.D

Acq: 09 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

MW-1D

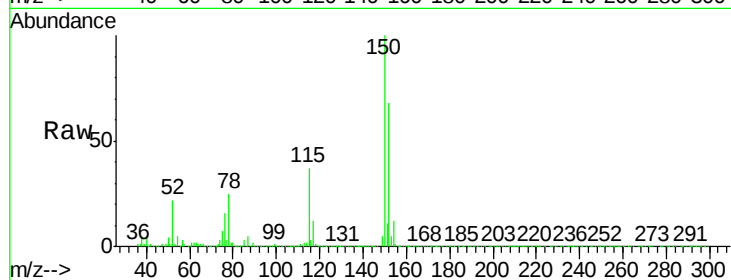
Tot Ion:152 Resp: 872608

Ion Ratio Lower Upper

152 100

115 56.7 39.0 116.9

150 152.7 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

