

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010061.D
 Acq On : 04 Jun 2019 16:28
 Operator : JC/SP
 Sample : K3185-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jun 05 07:59:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

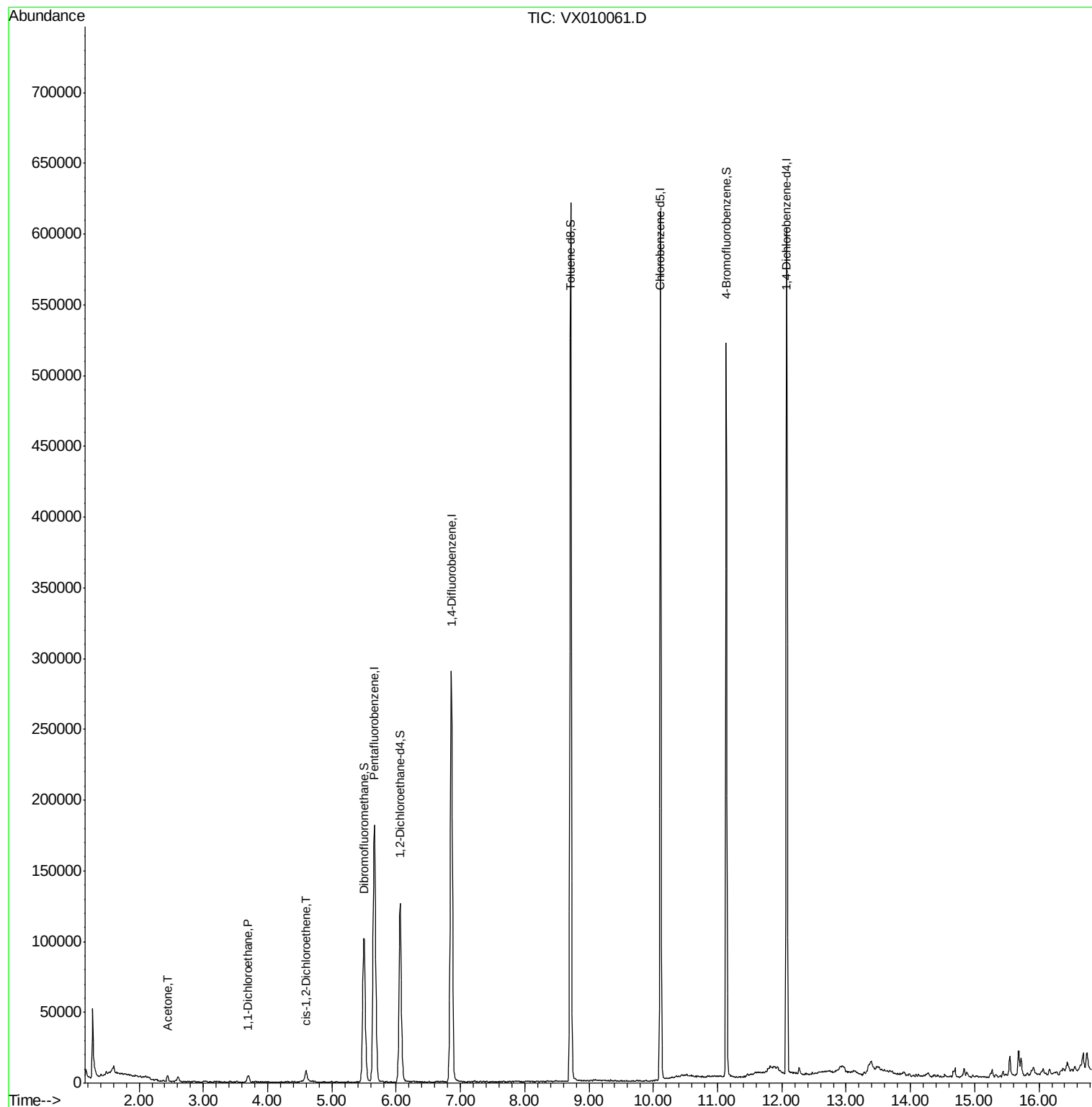
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	179885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117760	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
35) Dibromofluoromethane	5.49	113	88401	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	8.71	98	365212	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	127903	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
Target Compounds						
16) Acetone	2.44	43	5211	3.549	ug/l	93
24) 1,1-Dichloroethane	3.70	63	5135	1.258	ug/l #	90
27) cis-1,2-Dichloroethene	4.60	96	4356	1.862	ug/l	85

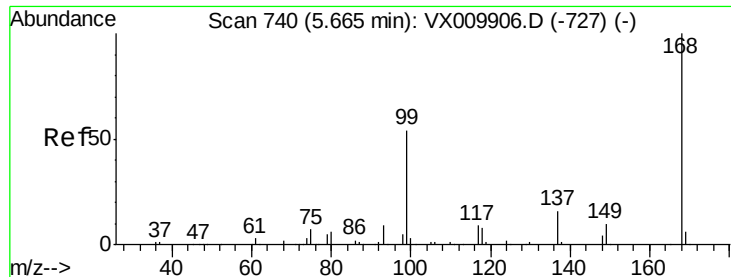
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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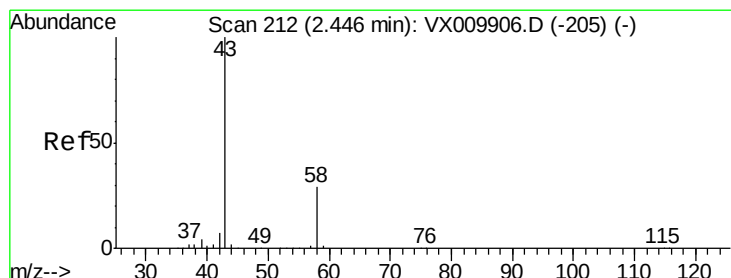
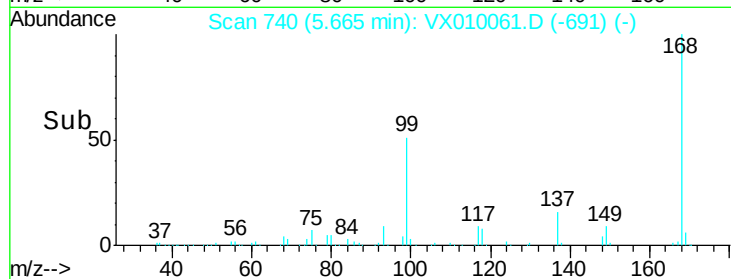
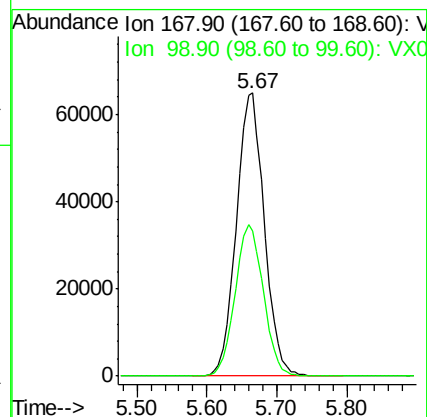
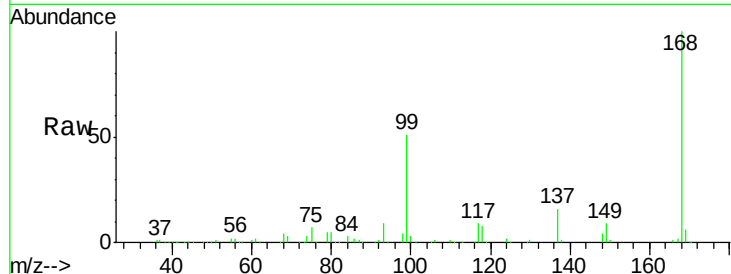




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010061.D
Acq: 04 Jun 2019 16:28

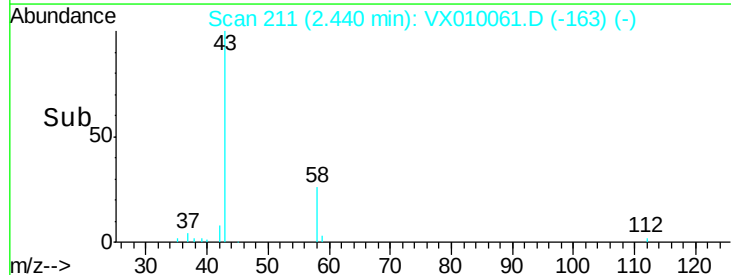
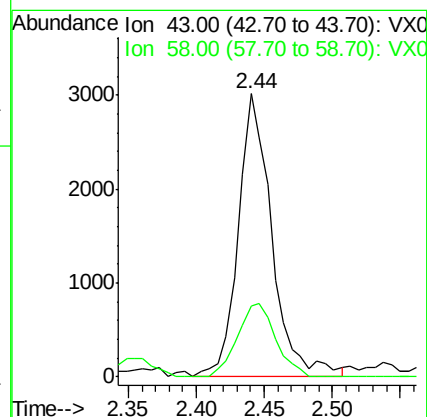
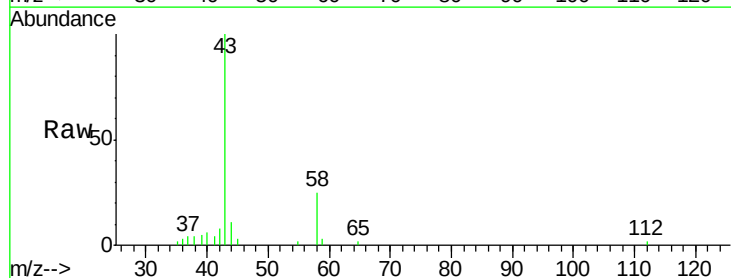
Instrument :
MSVOA_X
ClientSampled :
MW-2

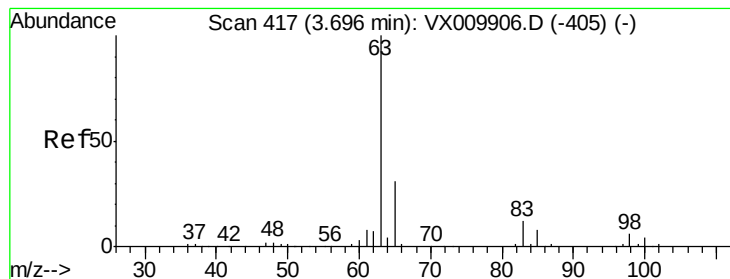
Tot Ion:168 Resp: 179885
Ion Ratio Lower Upper
168 100
99 51.1 43.0 64.6



#16
Acetone
Concen: 3.549 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010061.D
Acq: 04 Jun 2019 16:28

Tgt Ion: 43 Resp: 5211
Ion Ratio Lower Upper
43 100
58 25.3 23.2 34.8





#24

1,1-Dichloroethane

Concen: 1.258 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010061.D

Acq: 04 Jun 2019 16:28

Instrument :

MSVOA_X

ClientSampled :

MW-2

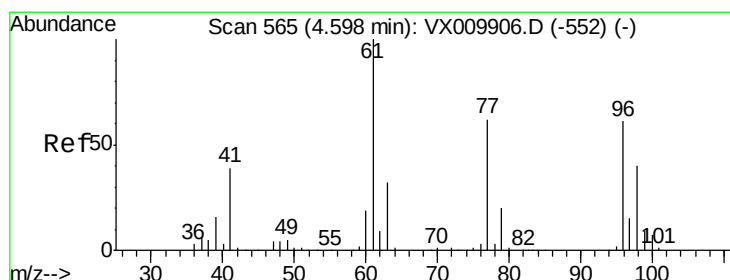
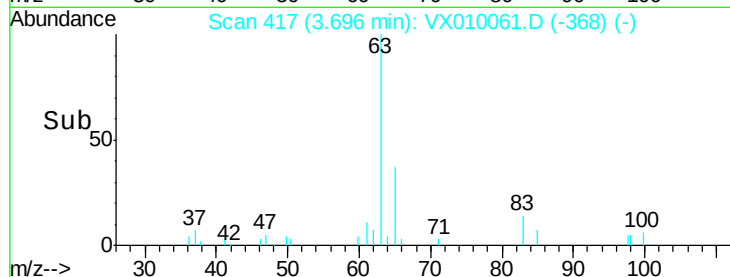
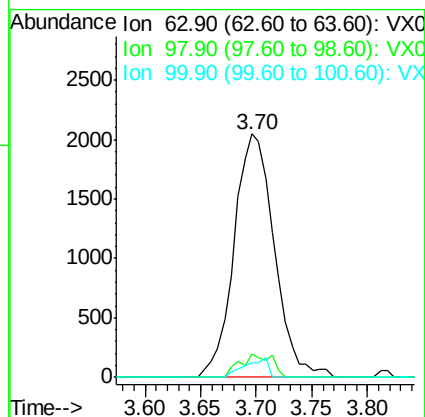
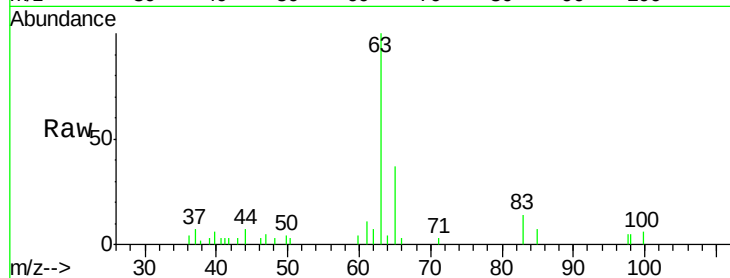
Tot Ion: 63 Resp: 5135

Ion Ratio Lower Upper

63 100

98 9.9 2.9 8.8#

100 6.0 1.8 5.4#



#27

cis-1,2-Dichloroethene

Concen: 1.862 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010061.D

Acq: 04 Jun 2019 16:28

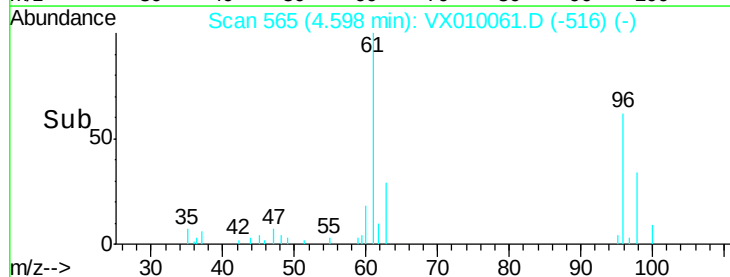
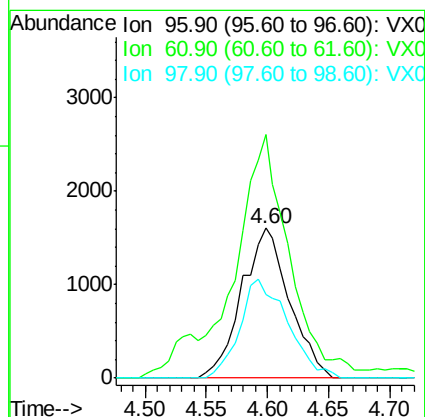
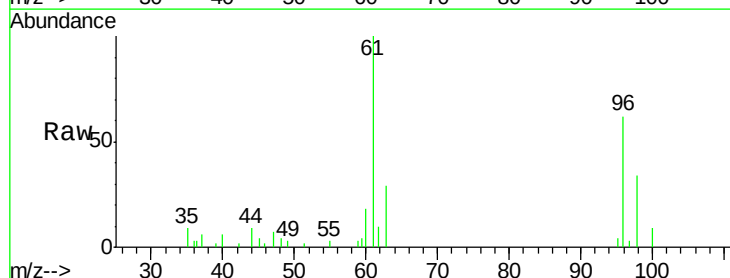
Tgt Ion: 96 Resp: 4356

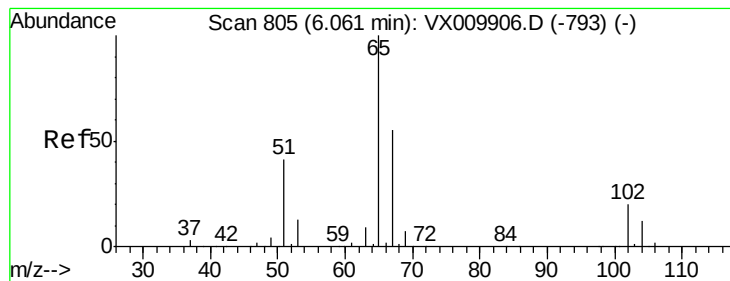
Ion Ratio Lower Upper

96 100

61 194.4 0.0 334.0

98 66.0 0.0 131.6





#33

1,2-Dichloroethane-d4

Concen: 46.343 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010061.D

Acq: 04 Jun 2019 16:28

Instrument :

MSVOA_X

ClientSampled :

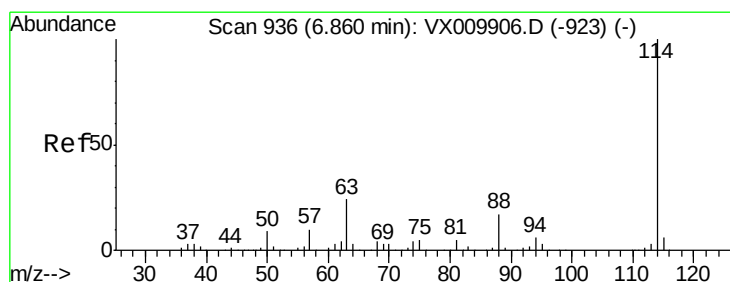
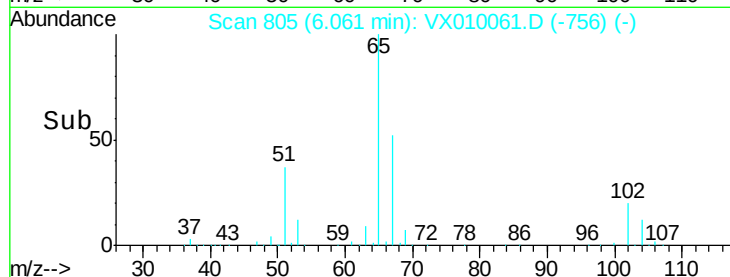
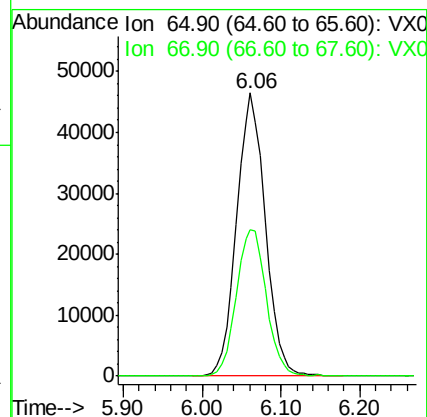
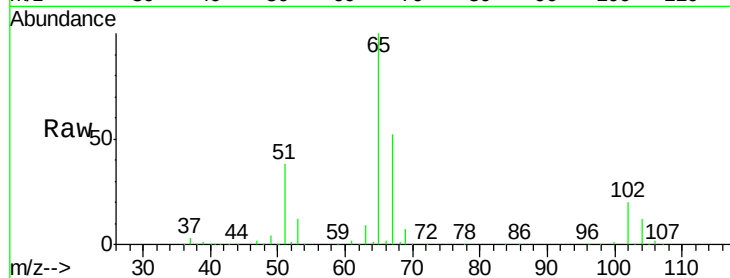
MW-2

Tot Ion: 65 Resp: 117760

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010061.D

Acq: 04 Jun 2019 16:28

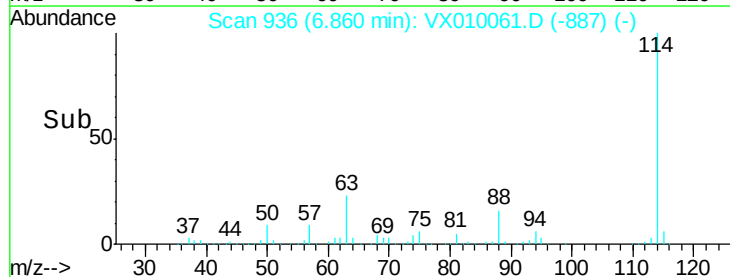
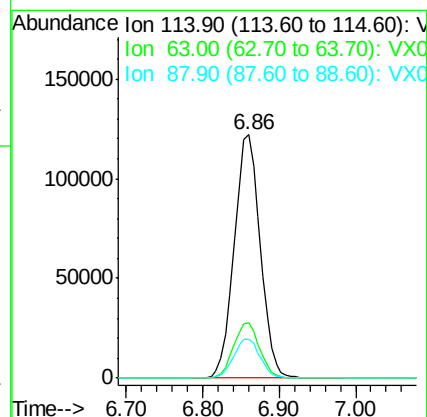
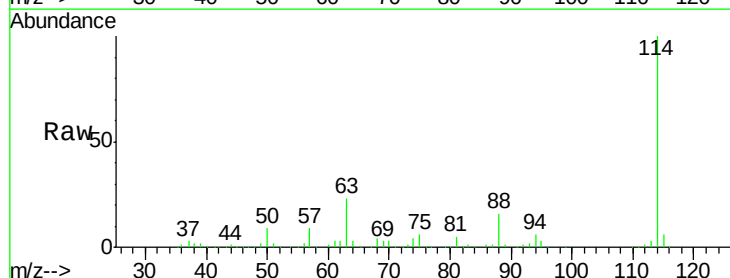
Tgt Ion: 114 Resp: 287804

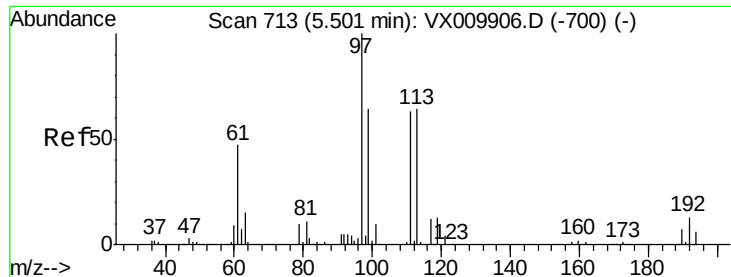
Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.856 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010061.D

Acq: 04 Jun 2019 16:28

Instrument :

MSVOA_X

ClientSampleId :

MW-2

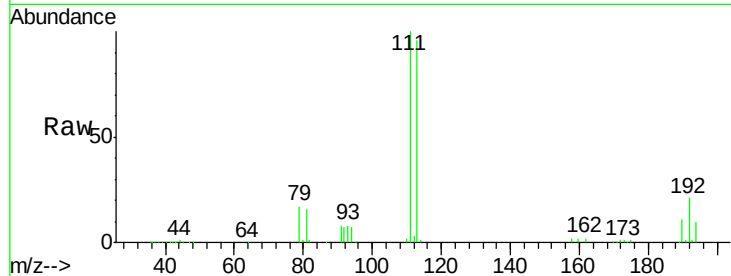
Tot Ion:113 Resp: 88401

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

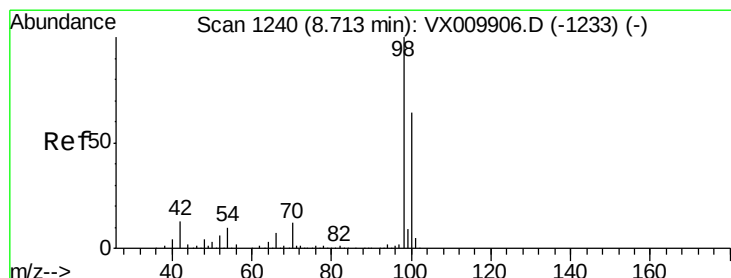
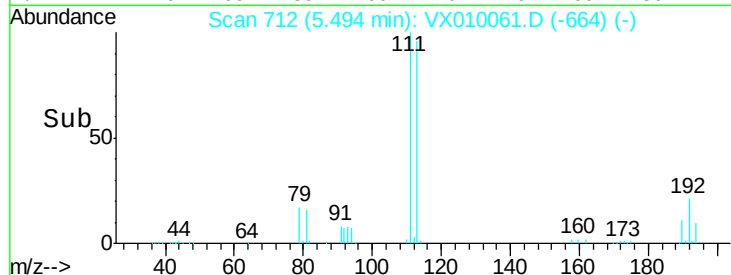
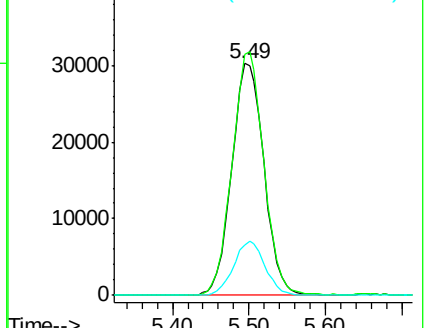
192 22.7 17.1 25.7



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: 49.704 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010061.D

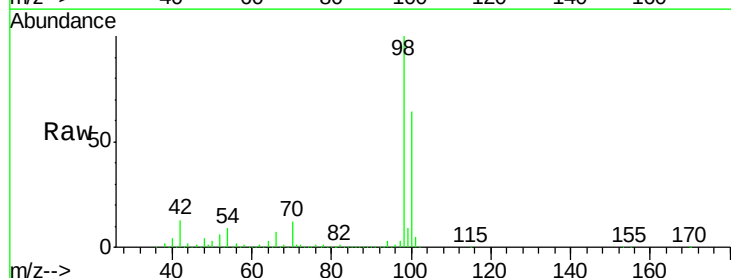
Acq: 04 Jun 2019 16:28

Tgt Ion: 98 Resp: 365212

Ion Ratio Lower Upper

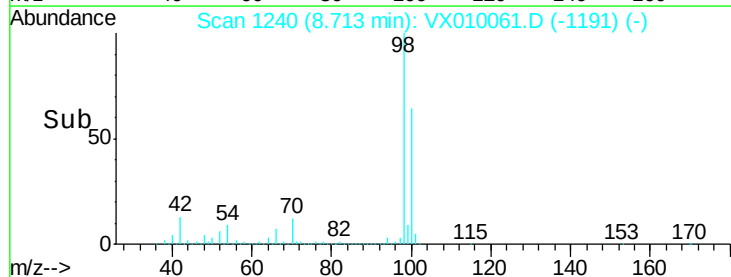
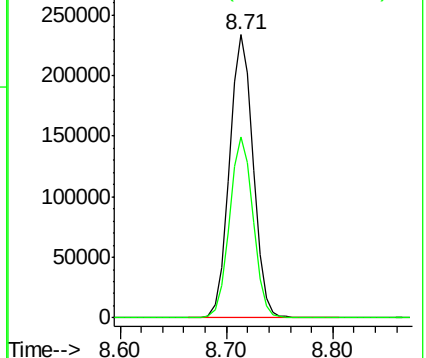
98 100

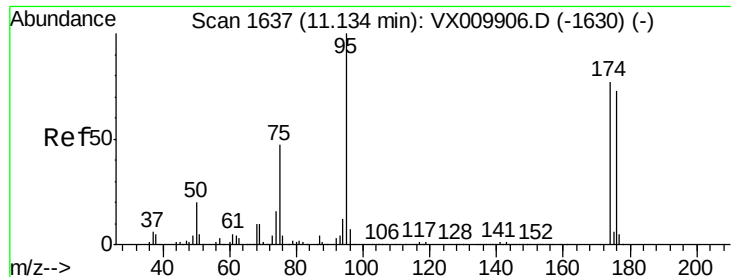
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.463 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010061.D

Acq: 04 Jun 2019 16:28

Instrument :

MSVOA_X

ClientSampled :

MW-2

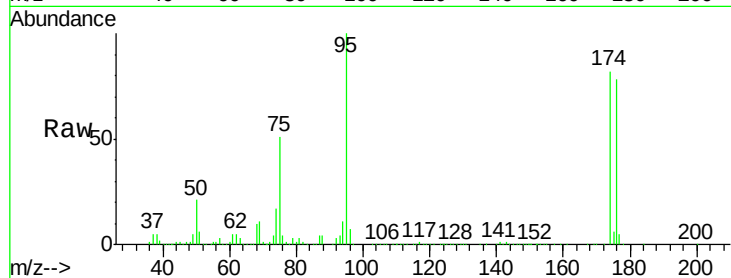
Tot Ion: 95 Resp: 127903

Ion Ratio Lower Upper

95 100

174 84.3 0.0 160.4

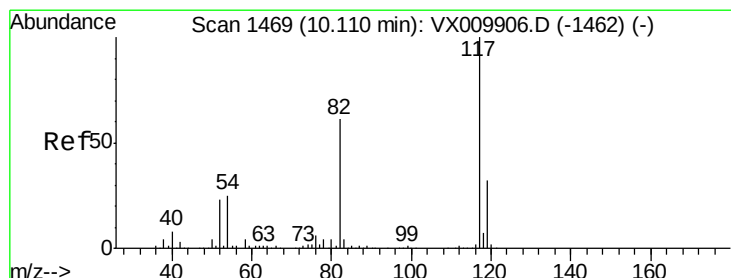
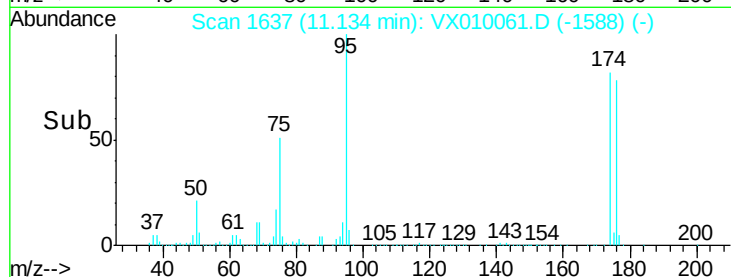
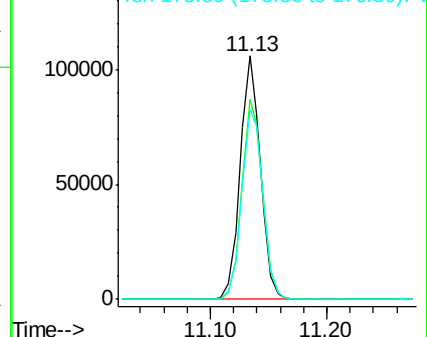
176 81.5 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010061.D

Acq: 04 Jun 2019 16:28

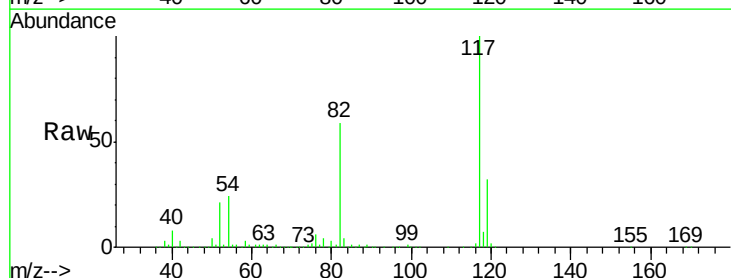
Tgt Ion: 117 Resp: 263603

Ion Ratio Lower Upper

117 100

82 58.6 49.2 73.8

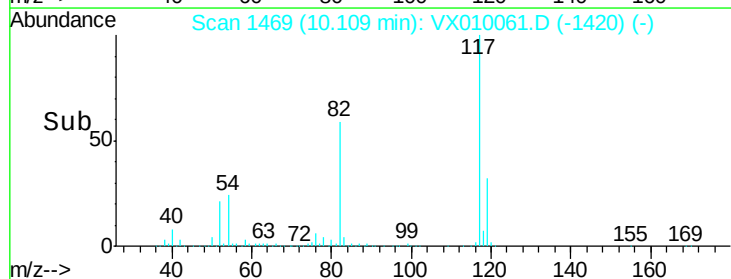
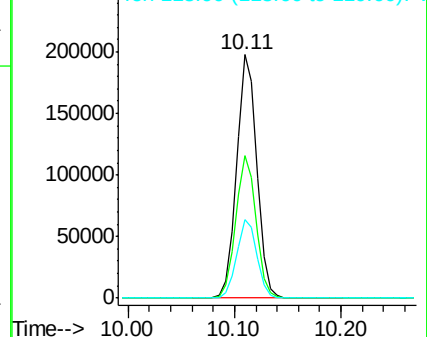
119 32.3 25.2 37.8

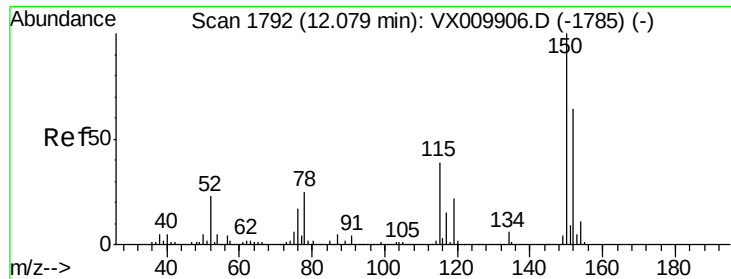


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010061.D

Acq: 04 Jun 2019 16:28

Instrument :

MSVOA_X

ClientSampleId :

MW-2

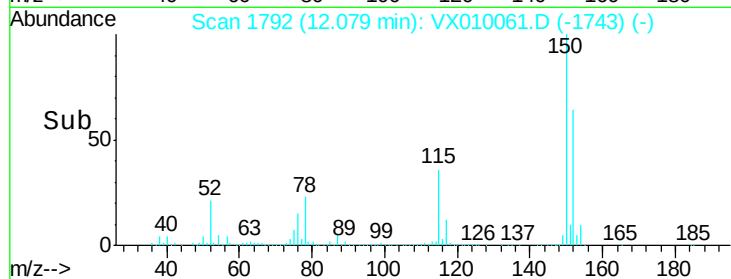
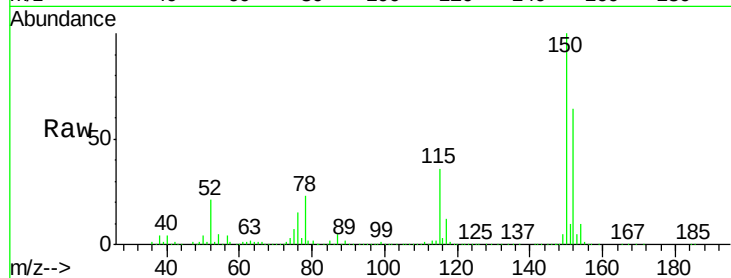
Tot Ion:152 Resp: 123440

Ion Ratio Lower Upper

152 100

115 57.2 41.4 124.2

150 155.7 0.0 345.2



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

