

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009611.D
 Acq On : 16 May 2019 16:44
 Operator : JC/SP
 Sample : K2894-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-SB-02

Quant Time: May 17 07:08:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

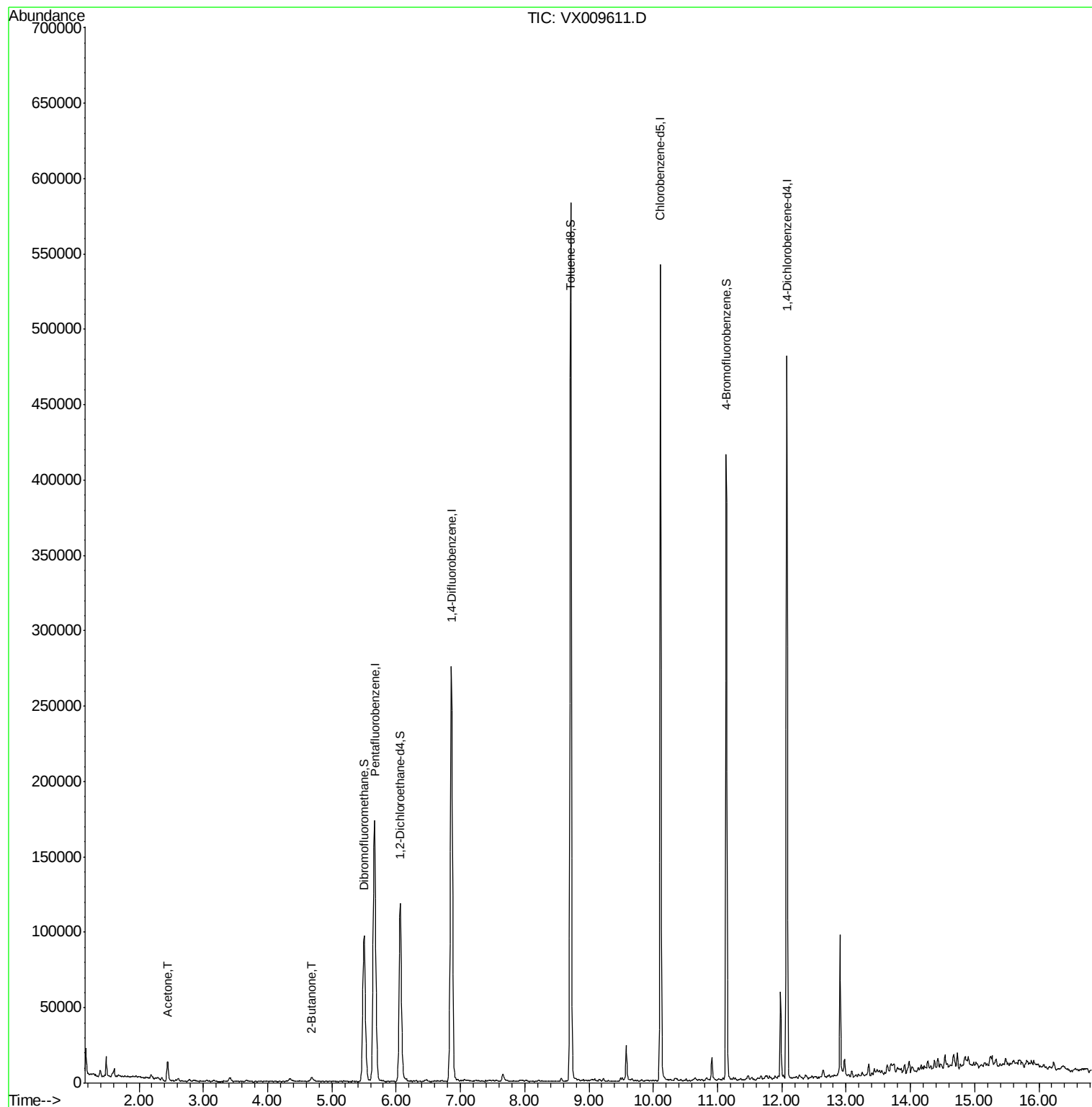
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	96116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113061	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	5.50	113	82807	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	337844	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.13	95	110568	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
Target Compounds						
16) Acetone	2.45	43	14680	11.874	ug/l	99
25) 2-Butanone	4.68	43	4468	2.326	ug/l #	88

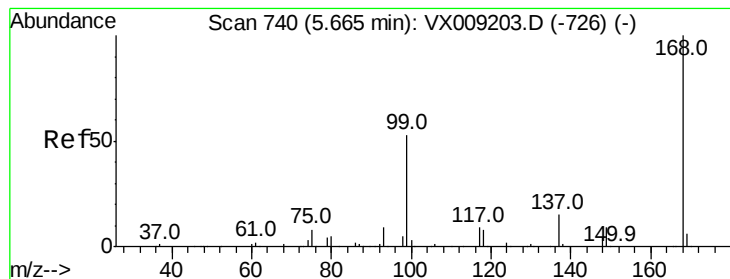
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009611.D

Acq: 16 May 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

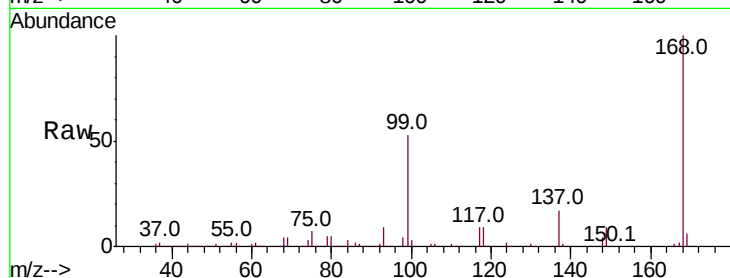
TWP-SB-02

Tot Ion:168 Resp: 168662

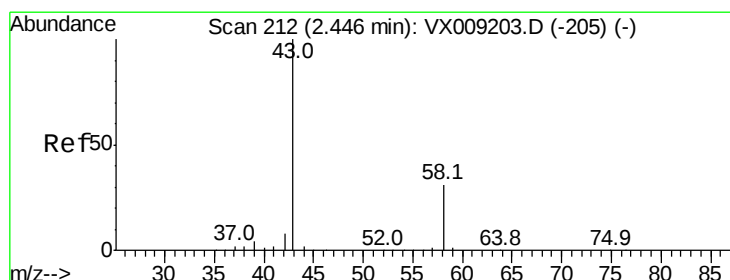
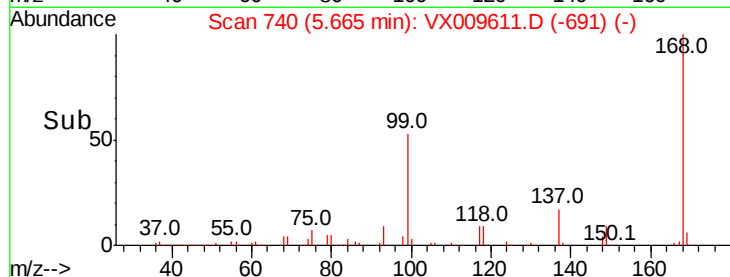
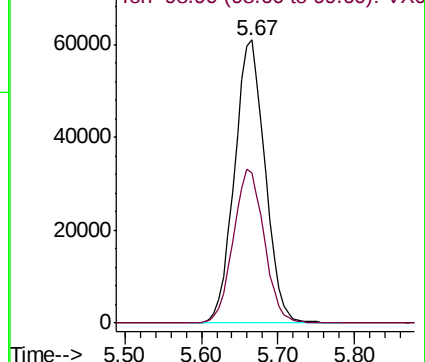
Ion Ratio Lower Upper

168 100

99 53.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)



#16

Acetone

Concen: 11.874 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009611.D

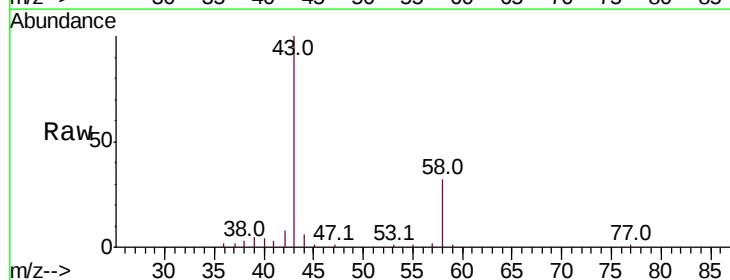
Acq: 16 May 2019 16:44

Tgt Ion: 43 Resp: 14680

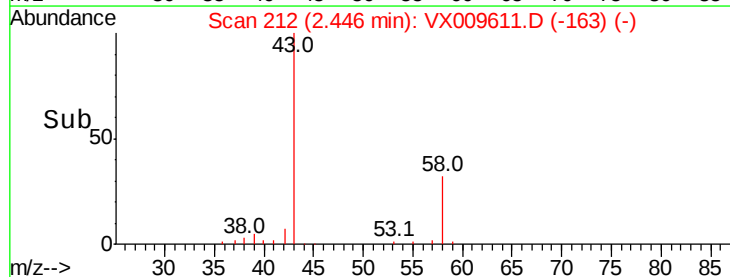
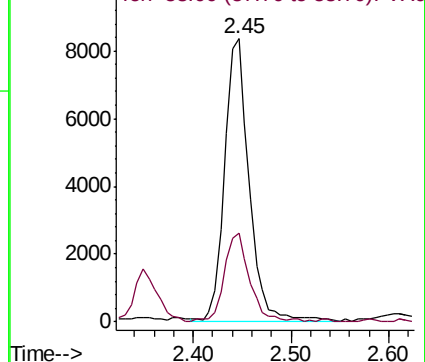
Ion Ratio Lower Upper

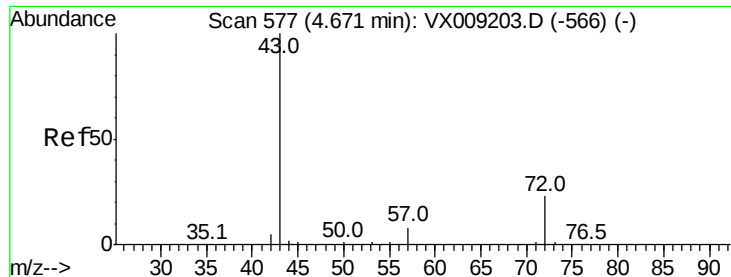
43 100

58 31.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-205) (-)





#25

2-Butanone

Concen: 2.326 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX009611.D

Acq: 16 May 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

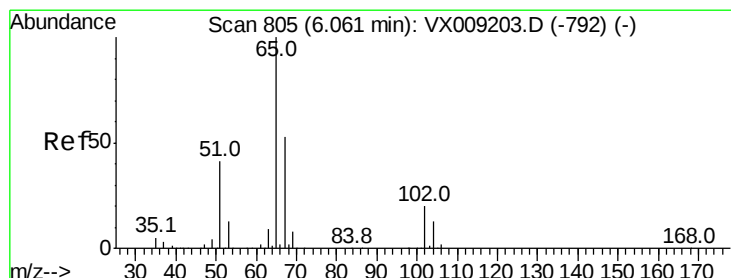
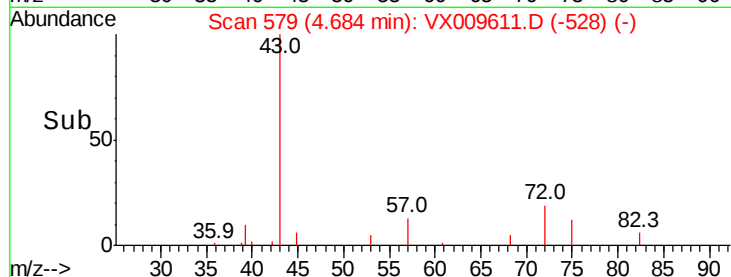
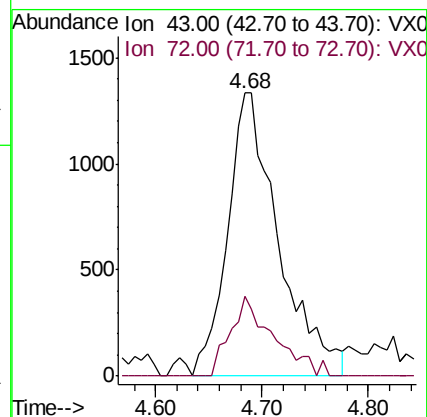
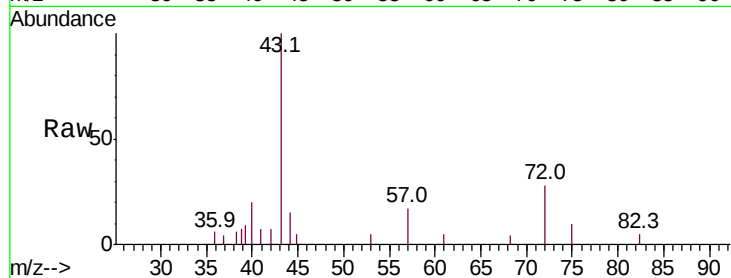
TWP-SB-02

Tot Ion: 43 Resp: 4468

Ion Ratio Lower Upper

43 100

72 28.4 18.2 27.2#



#33

1,2-Dichloroethane-d4

Concen: 49.105 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009611.D

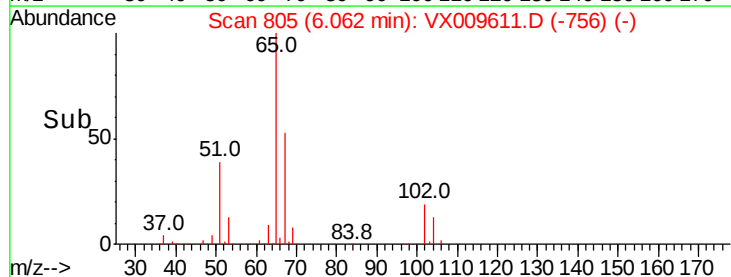
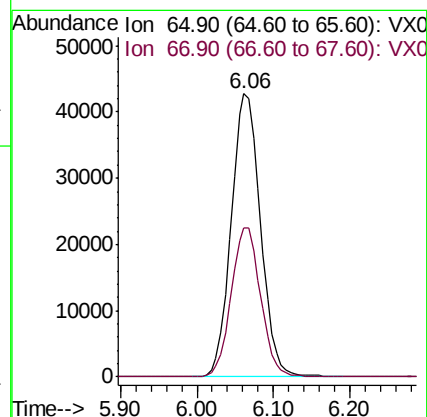
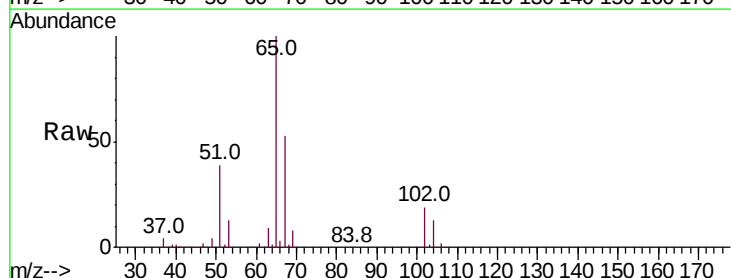
Acq: 16 May 2019 16:44

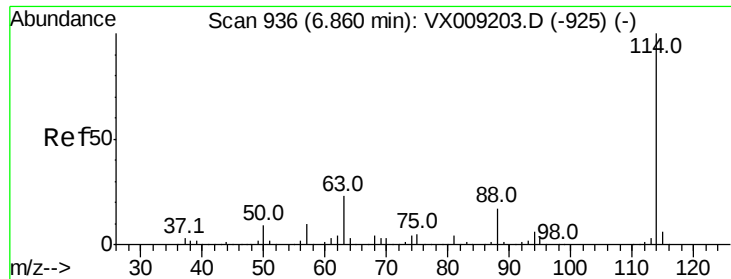
Tgt Ion: 65 Resp: 113061

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6

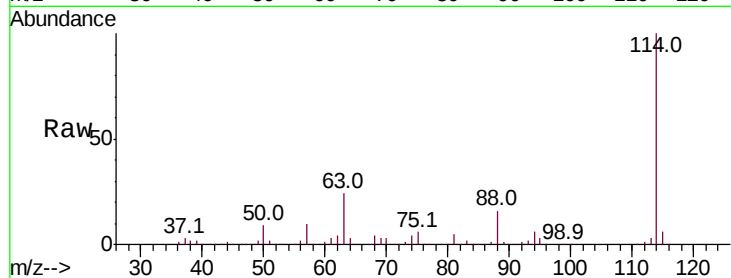




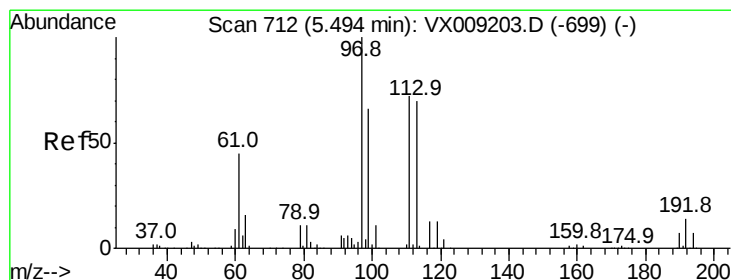
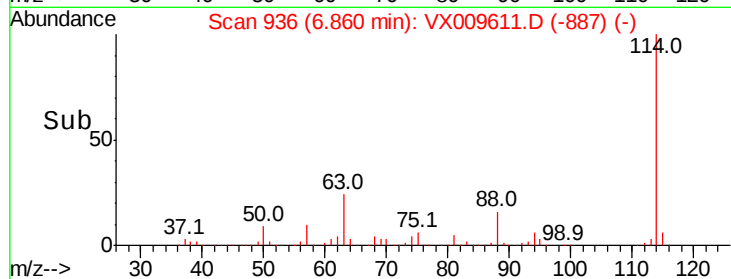
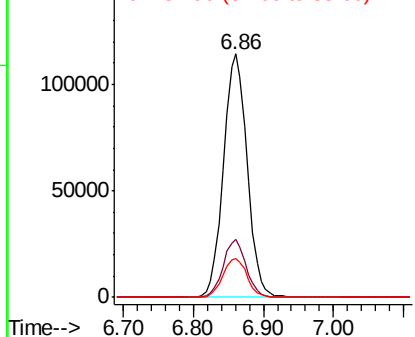
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009611.D
 Acq: 16 May 2019 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-SB-02

Tot Ion:114 Resp: 268131
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.6
 88 15.7 0.0 33.2

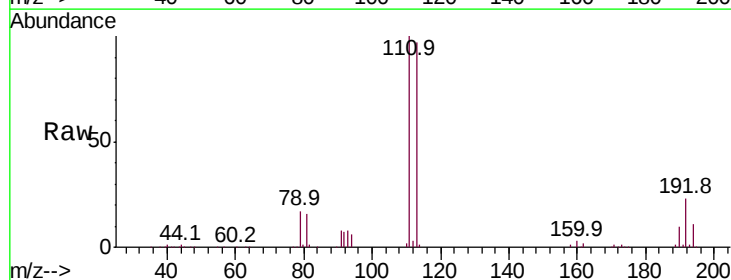


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

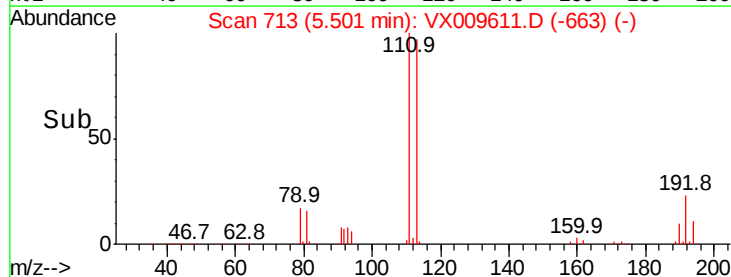
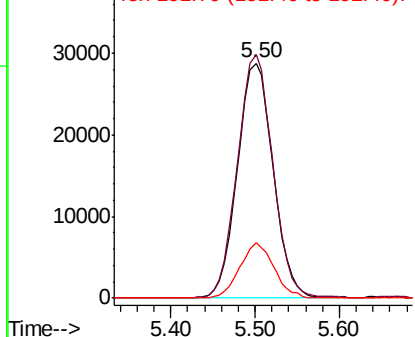


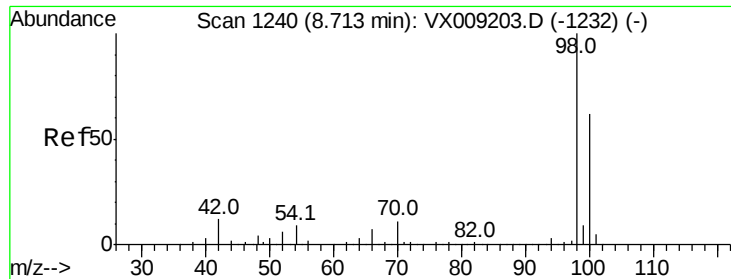
#35
 Dibromofluoromethane
 Concen: 49.127 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009611.D
 Acq: 16 May 2019 16:44

Tgt Ion:113 Resp: 82807
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.8 124.2
 192 22.5 17.0 25.6



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





#50

Toluene-d8

Concen: 49.646 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009611.D

Acq: 16 May 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

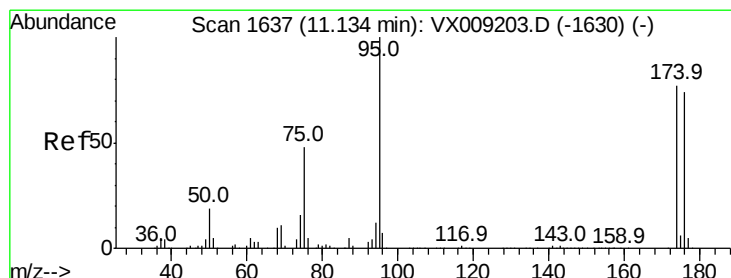
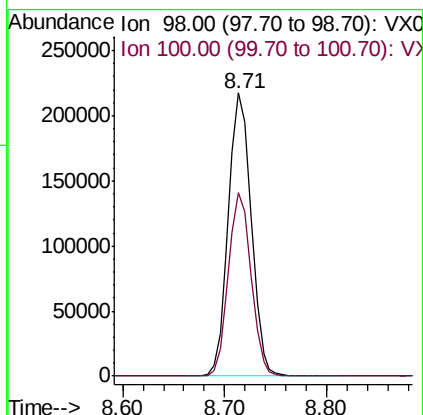
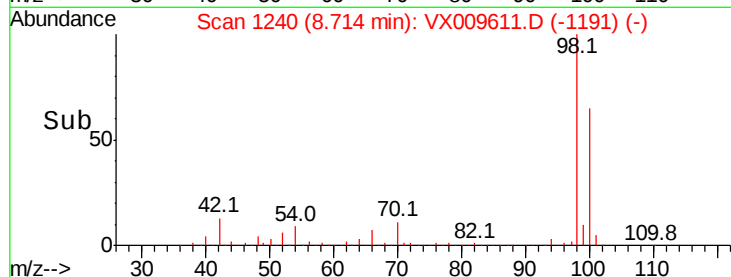
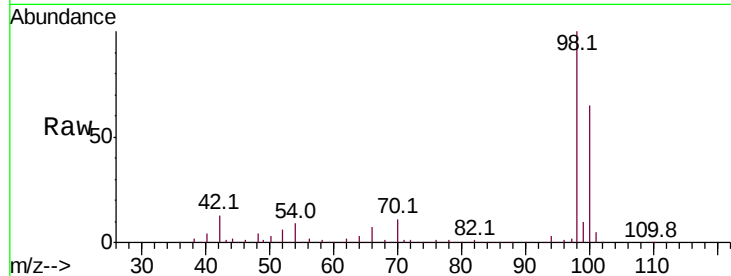
TWP-SB-02

Tot Ion: 98 Resp: 337844

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.715 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009611.D

Acq: 16 May 2019 16:44

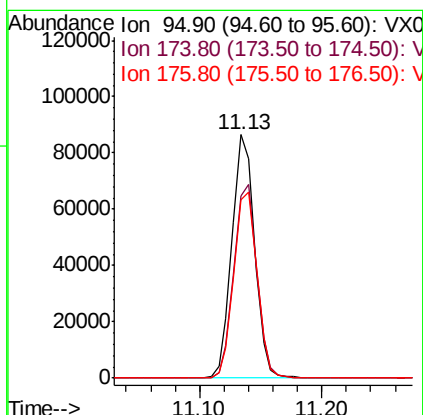
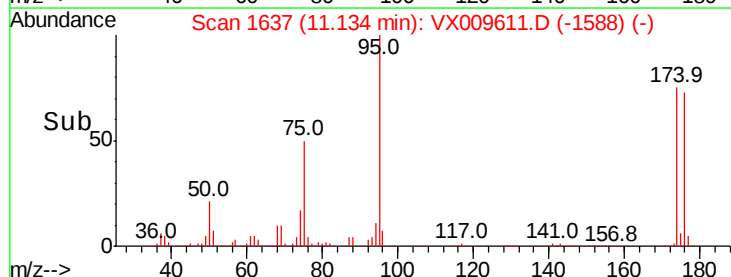
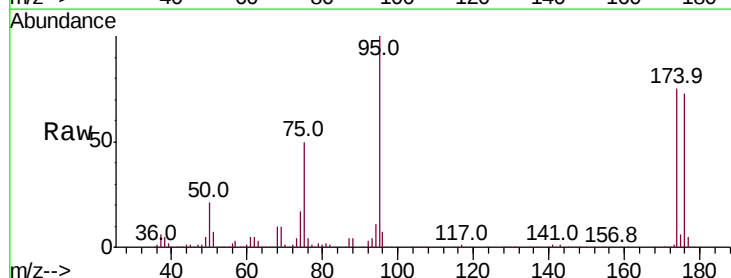
Tgt Ion: 95 Resp: 110568

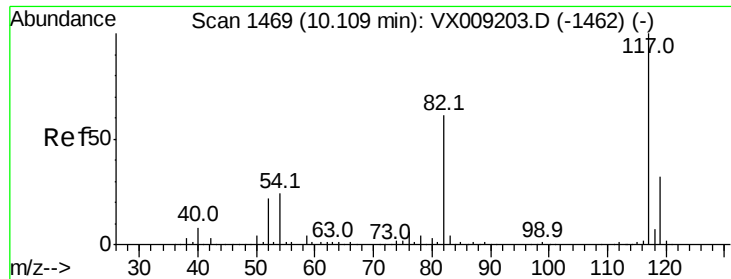
Ion Ratio Lower Upper

95 100

174 80.6 0.0 161.6

176 78.4 0.0 159.2

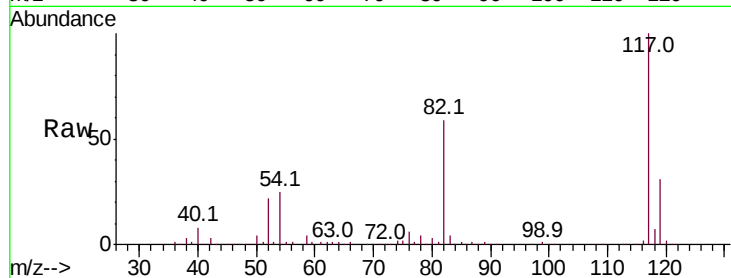




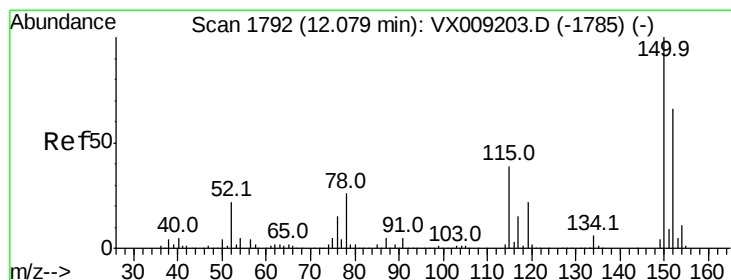
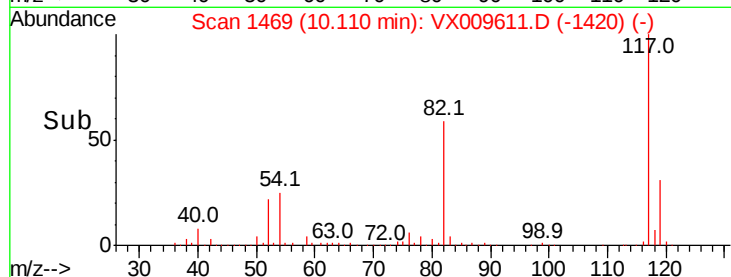
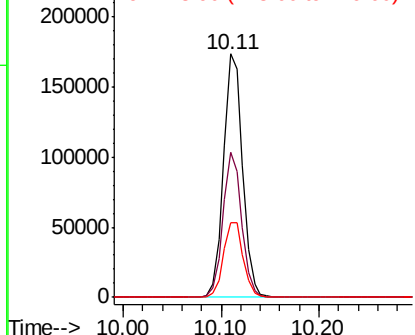
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009611.D
 Acq: 16 May 2019 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-SB-02

Tot Ion:117 Resp: 234866
 Ion Ratio Lower Upper
 117 100
 82 59.5 48.8 73.2
 119 30.8 25.8 38.6

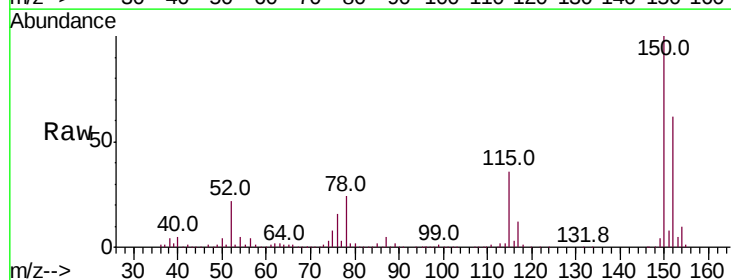


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009611.D
 Acq: 16 May 2019 16:44

Tgt Ion:152 Resp: 96116
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.2 123.6
 150 158.9 0.0 346.4



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

