

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
 Data File : VX009969.D
 Acq On : 30 May 2019 18:35
 Operator : JC/SP
 Sample : K3104-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP

Quant Time: May 31 07:18:03 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

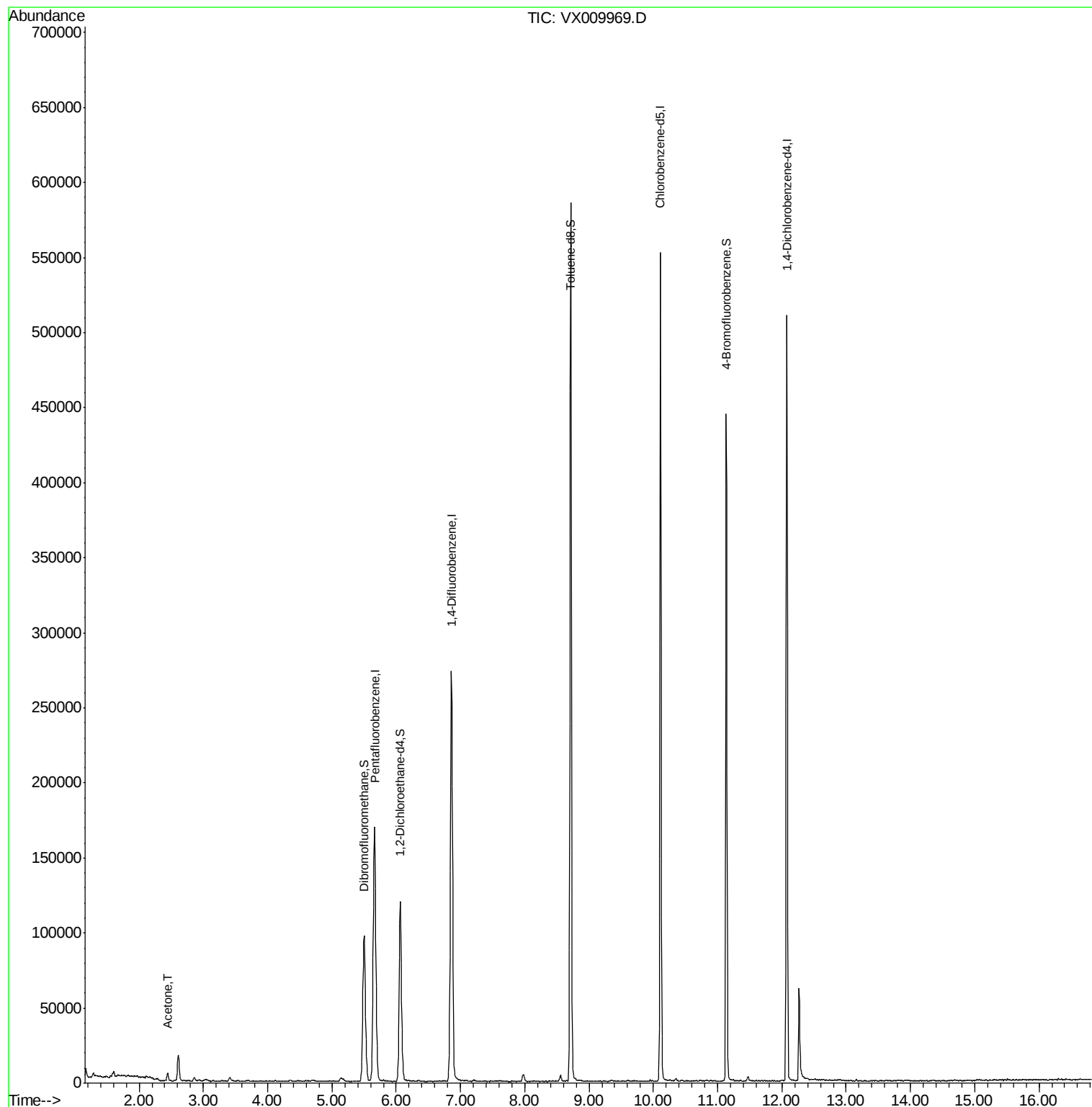
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	164574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	264129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113068	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
35) Dibromofluoromethane	5.50	113	82933	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	8.71	98	335025	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	112972	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
16) Acetone	2.45	43	5677	4.227	ug/l	Qvalue 98

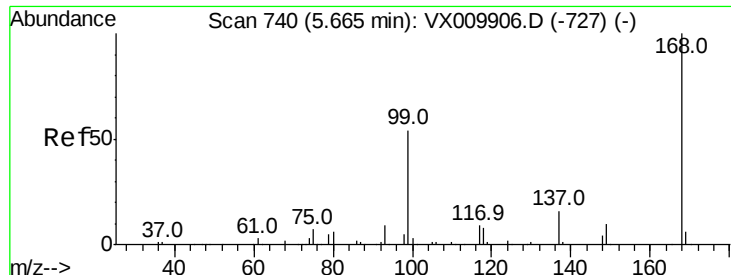
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

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MSVOA_X

ClientSampleId :

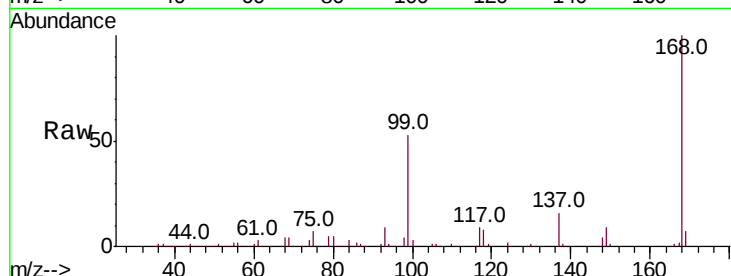
SUMP

Tot Ion:168 Resp: 164574

Ion Ratio Lower Upper

168 100

99 52.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

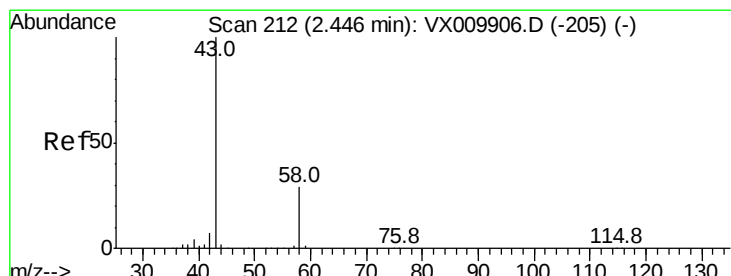
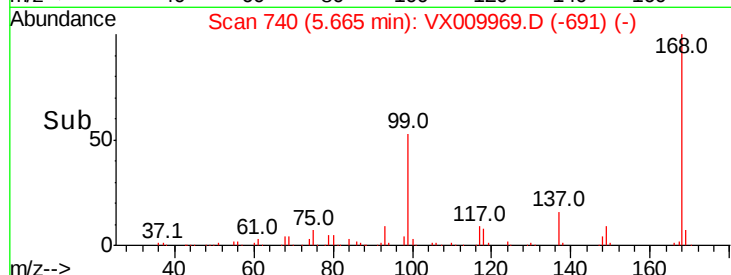
40000

20000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 4.227 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009969.D

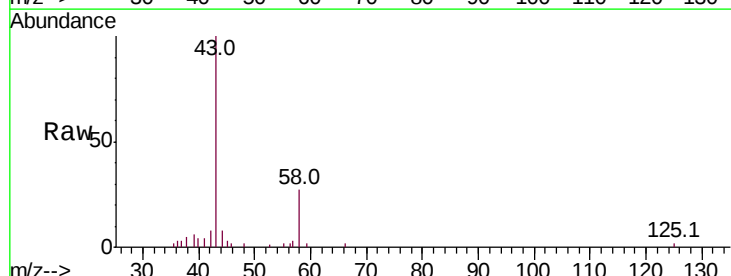
Acq: 30 May 2019 18:35

Tgt Ion: 43 Resp: 5677

Ion Ratio Lower Upper

43 100

58 27.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

3000

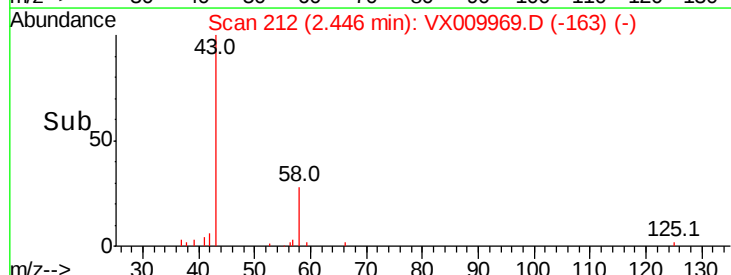
2000

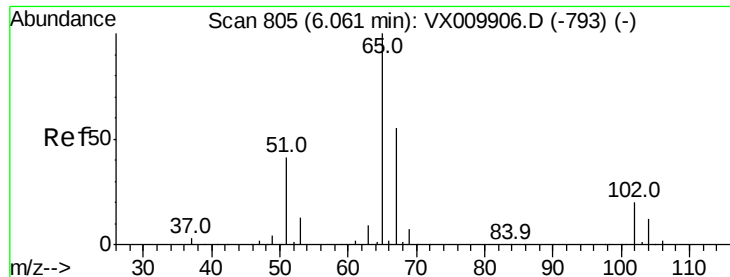
1000

0

2.40 2.45 2.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.637 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009969.D

Acq: 30 May 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

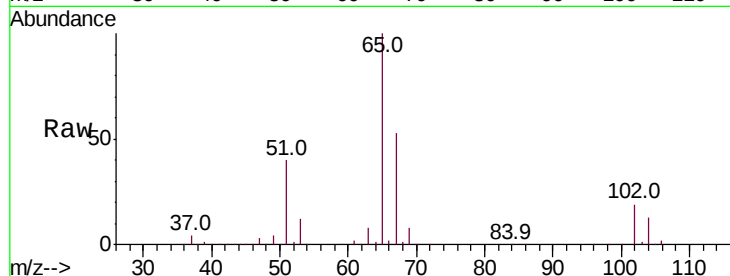
SUMP

Tot Ion: 65 Resp: 113068

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

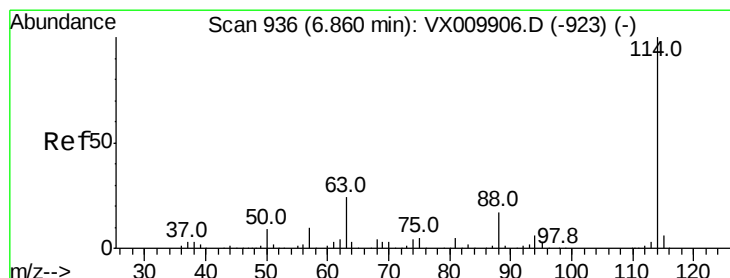
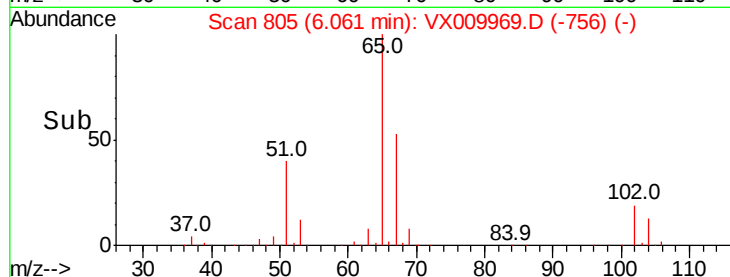
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009969.D

Acq: 30 May 2019 18:35

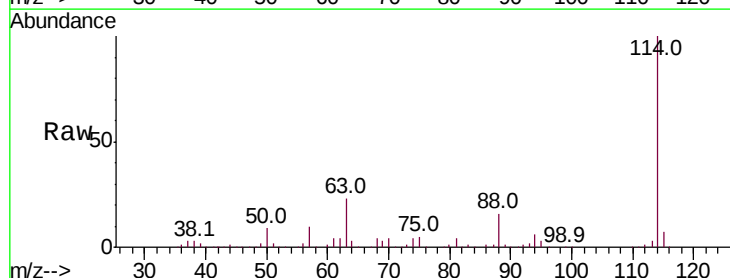
Tgt Ion: 114 Resp: 264129

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.4

88 16.5 0.0 33.0



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

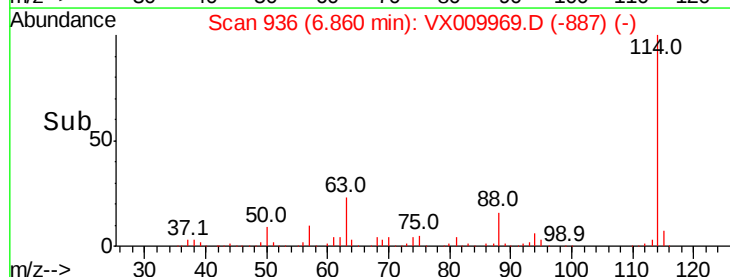
150000

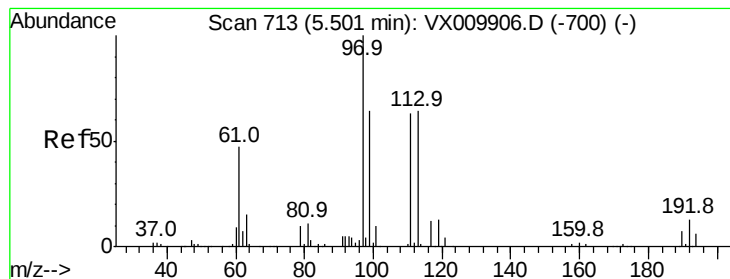
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.942 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009969.D

Acq: 30 May 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

SUMP

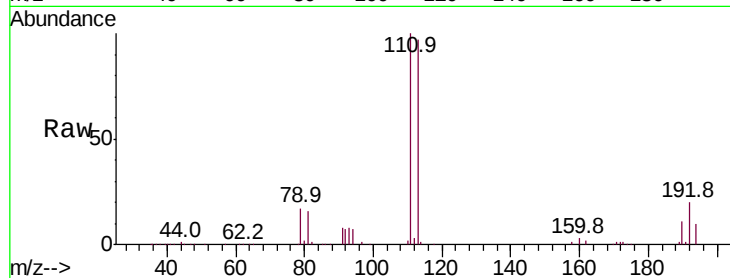
Tot Ion:113 Resp: 82933

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

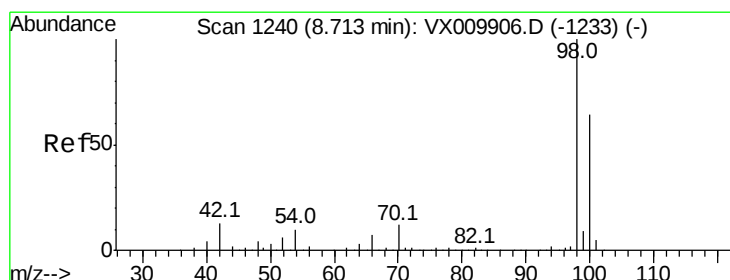
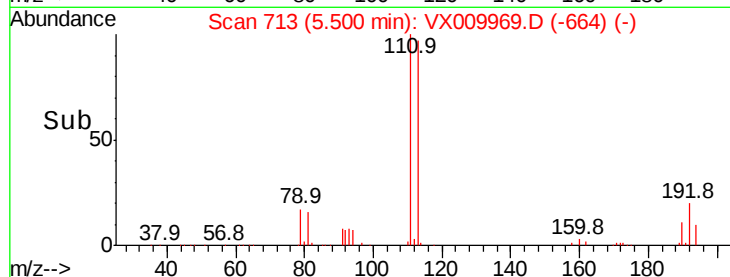
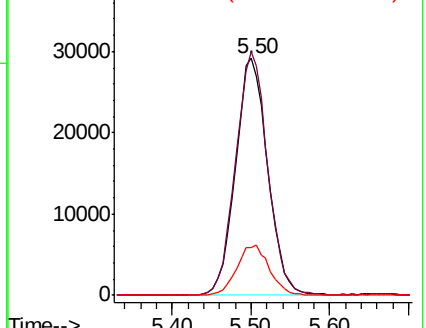
192 21.3 17.1 25.7



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: 49.683 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009969.D

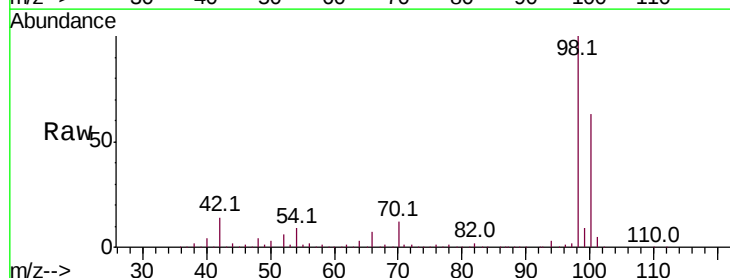
Acq: 30 May 2019 18:35

Tgt Ion: 98 Resp: 335025

Ion Ratio Lower Upper

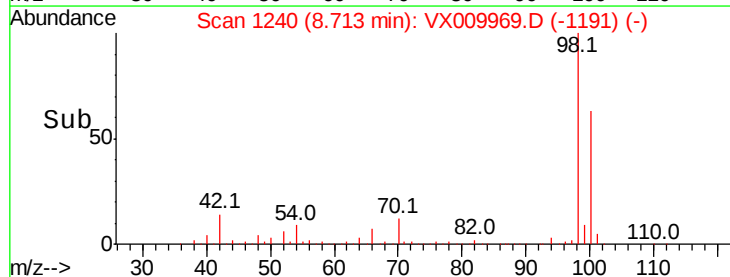
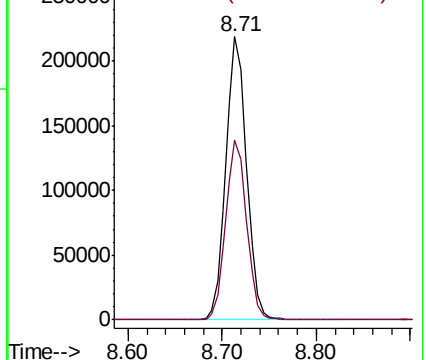
98 100

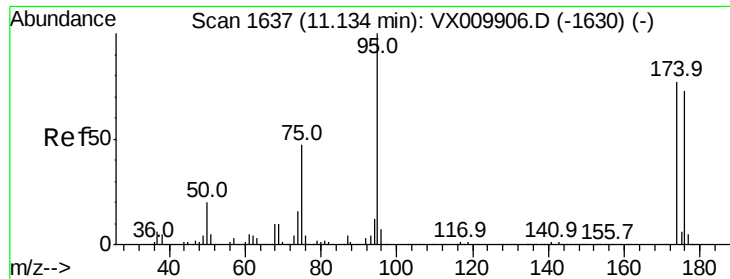
100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

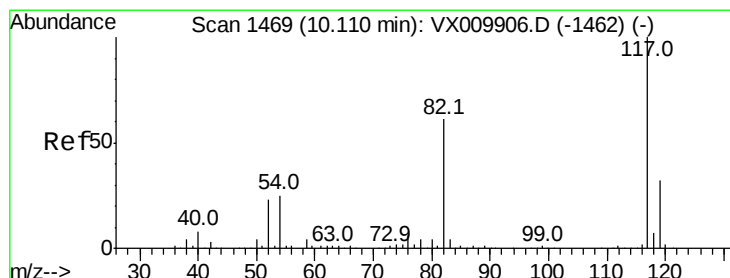
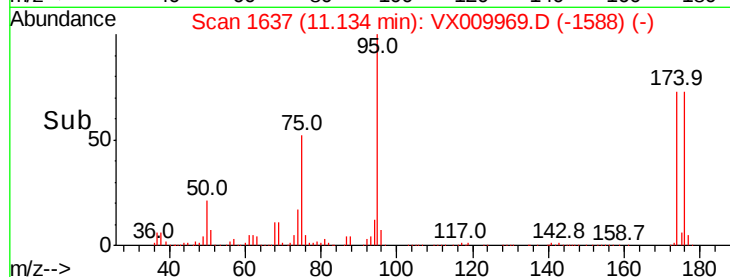
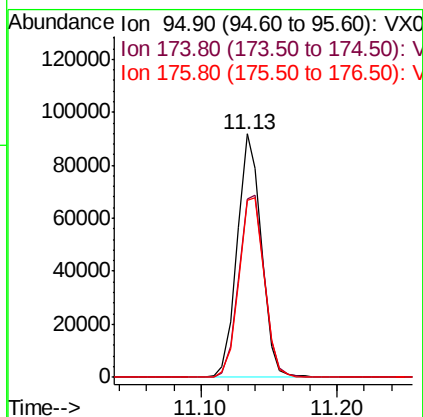
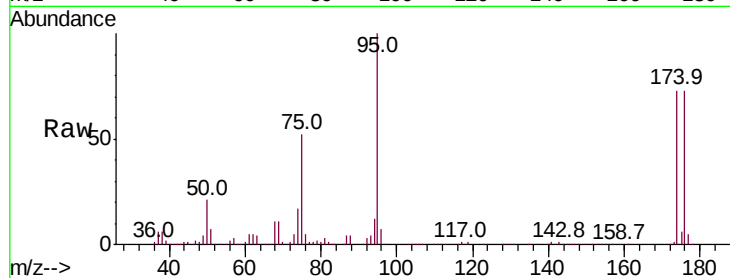




#62
4-Bromofluorobenzene
Concen: 46.643 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009969.D
Acq: 30 May 2019 18:35

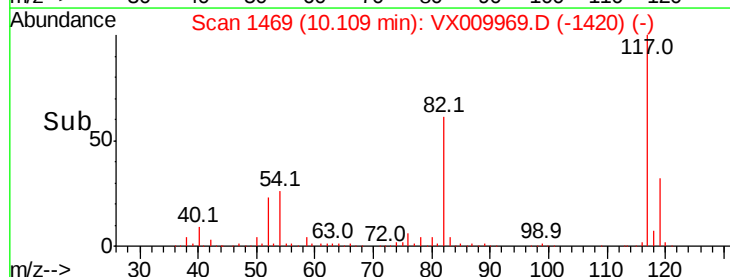
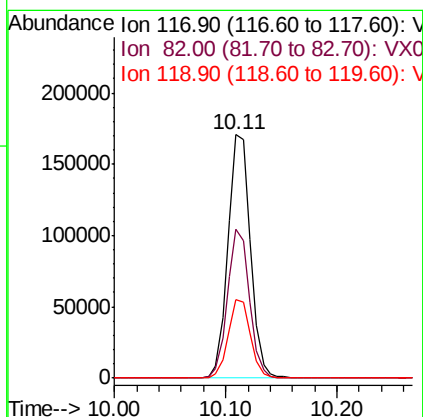
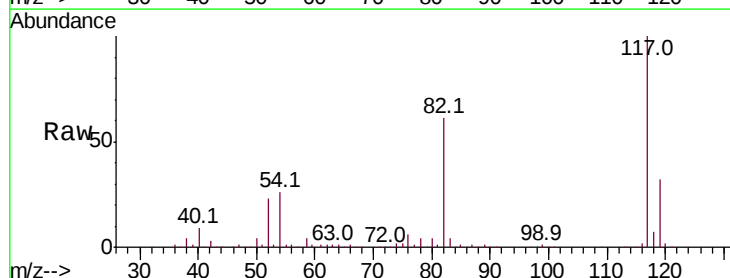
Instrument :
MSVOA_X
ClientSampleId :
SUMP

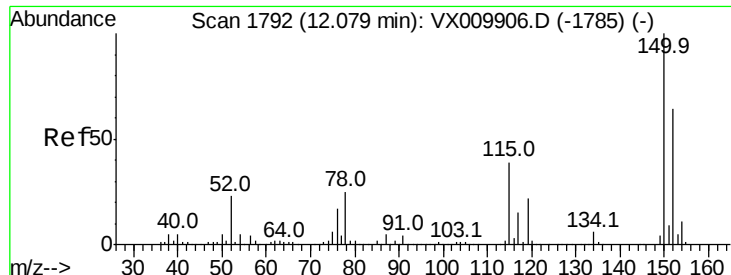
Tot Ion: 95 Resp: 112972
Ion Ratio Lower Upper
95 100
174 79.8 0.0 160.4
176 78.3 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009969.D
Acq: 30 May 2019 18:35

Tgt Ion: 117 Resp: 238550
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 32.3 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009969.D

Acq: 30 May 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

SUMP

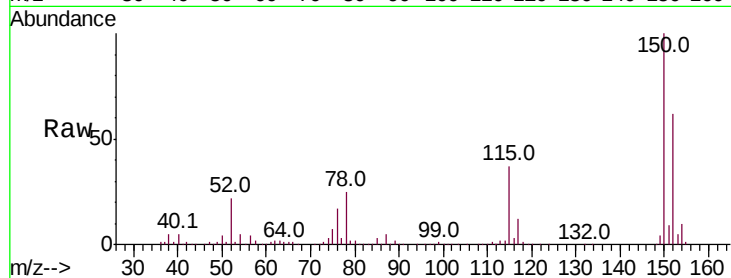
Tot Ion:152 Resp: 100791

Ion Ratio Lower Upper

152 100

115 60.0 41.4 124.2

150 158.5 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

