

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
 Data File : VX009965.D
 Acq On : 30 May 2019 17:01
 Operator : JC/SP
 Sample : K3106-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 71-70

Quant Time: May 31 07:08:40 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

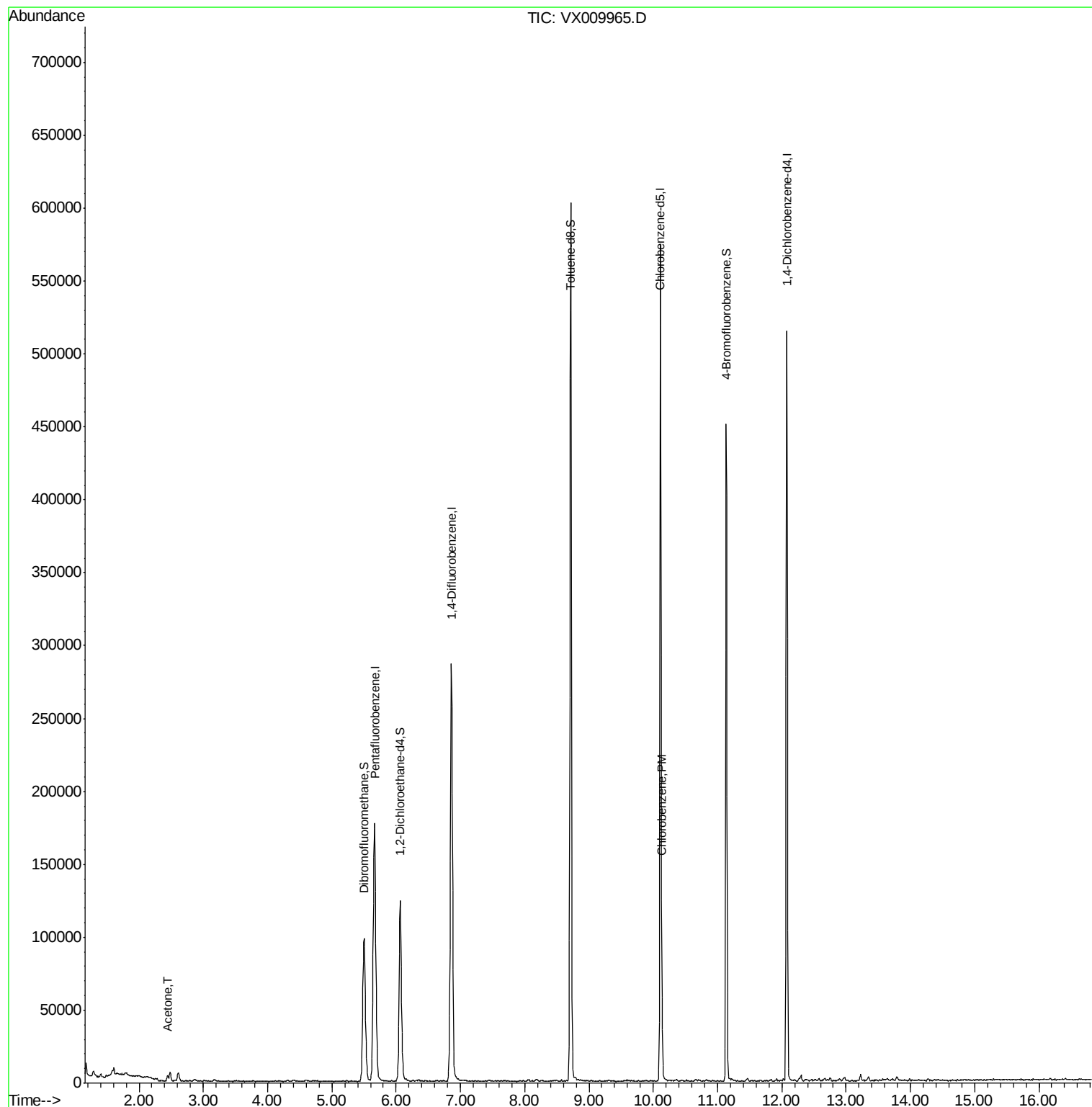
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	272789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116618	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	5.50	113	84434	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	8.71	98	347031	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	114266	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
Target Compounds						
16) Acetone	2.44	43	3813	2.753	ug/l	92
65) Chlorobenzene	10.13	112	11874	2.305	ug/l	97

(#) = 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: VX009965.D

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Instrument :

MSVOA_X

ClientSampleId :

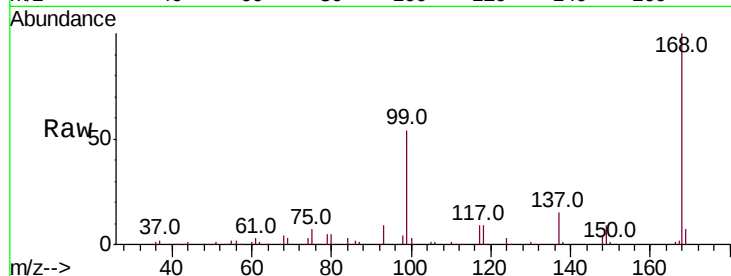
71-70

Tot Ion:168 Resp: 169687

Ion Ratio Lower Upper

168 100

99 54.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX009906.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX009906.D (-727) (-)

5.67

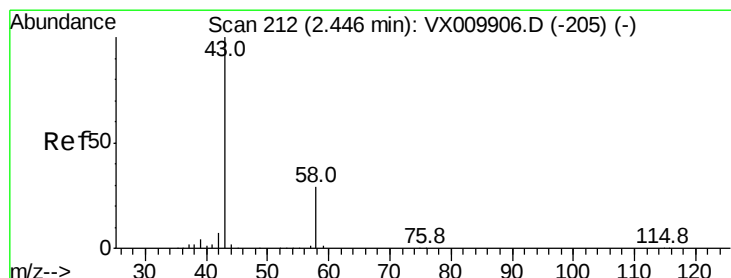
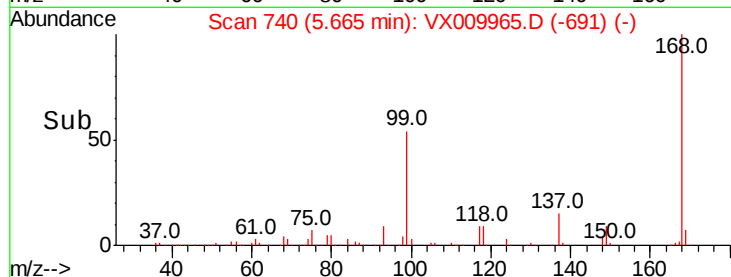
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.753 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009965.D

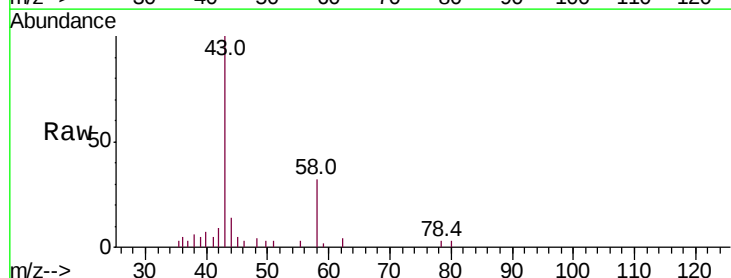
Acq: 30 May 2019 17:01

Tgt Ion: 43 Resp: 3813

Ion Ratio Lower Upper

43 100

58 33.3 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX009906.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX009906.D (-205) (-)

2.44

2500

2000

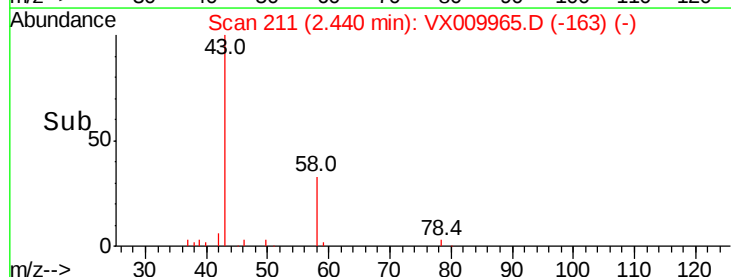
1500

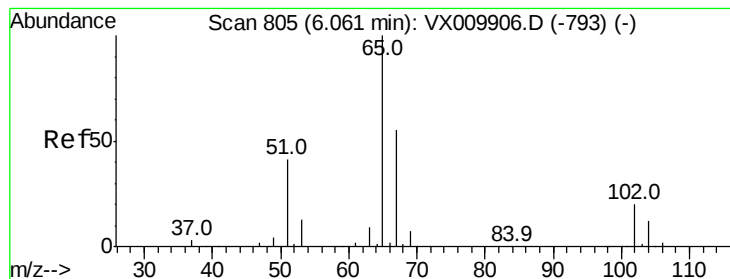
1000

500

0

Time--> 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 48.652 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009965.D

Acq: 30 May 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

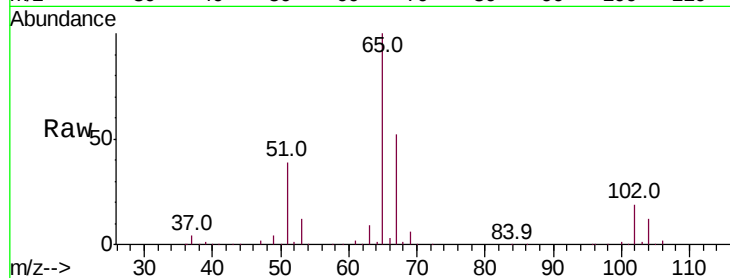
71-70

Tot Ion: 65 Resp: 116618

Ion Ratio Lower Upper

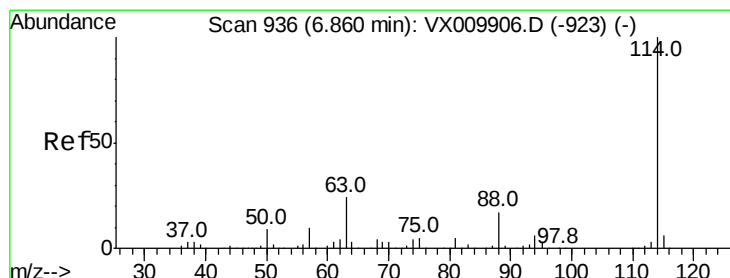
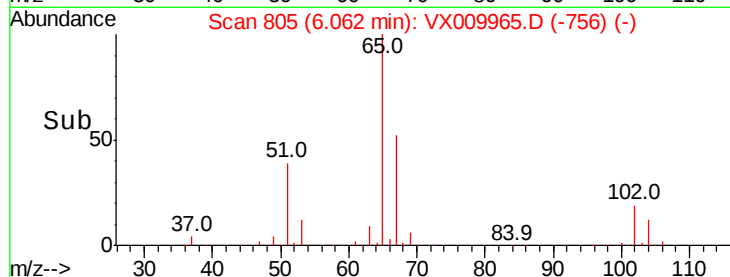
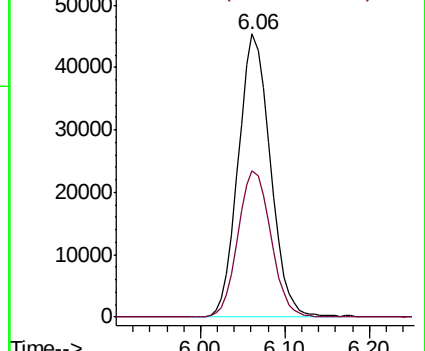
65 100

67 53.5 0.0 108.4



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009965.D

Acq: 30 May 2019 17:01

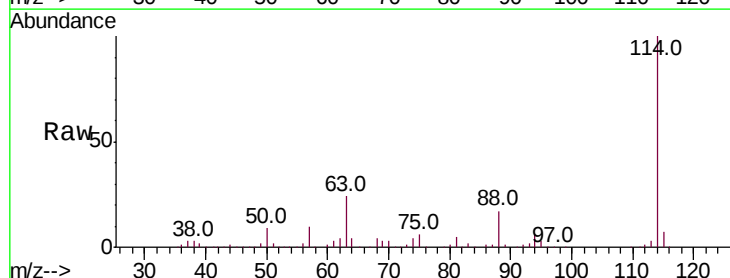
Tgt Ion: 114 Resp: 272789

Ion Ratio Lower Upper

114 100

63 24.0 0.0 47.4

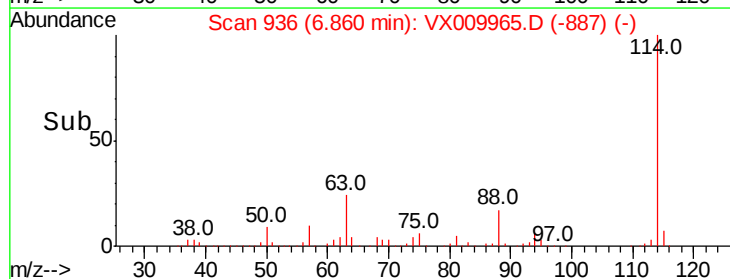
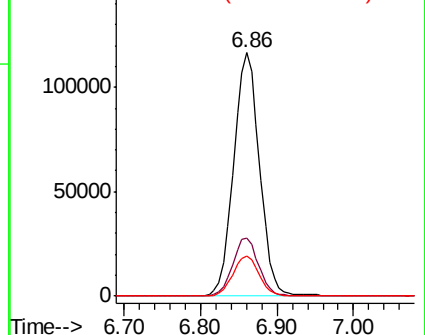
88 16.6 0.0 33.0

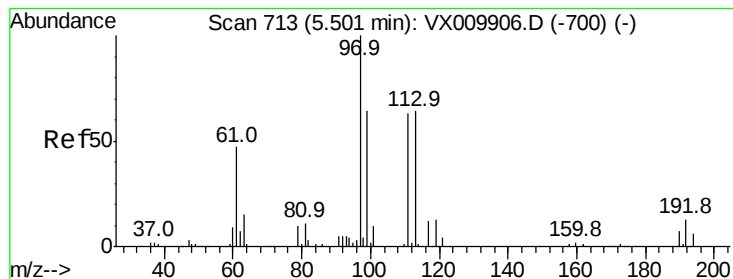


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.232 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009965.D

Acq: 30 May 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

71-70

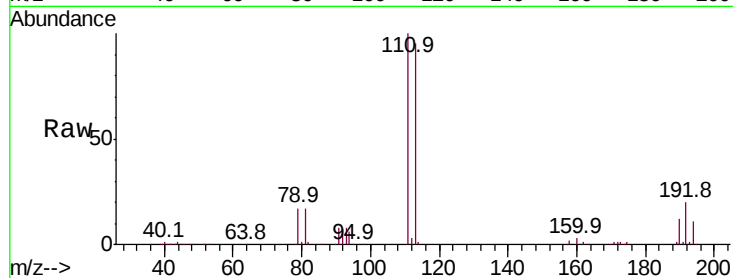
Tot Ion:113 Resp: 84434

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

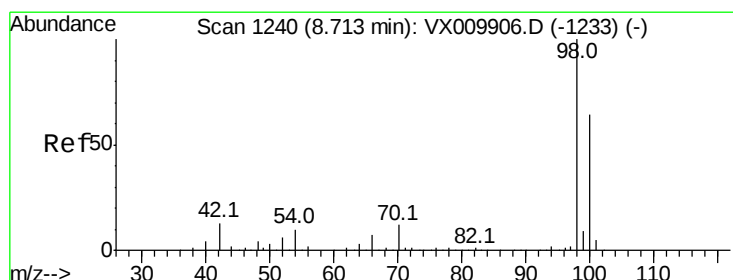
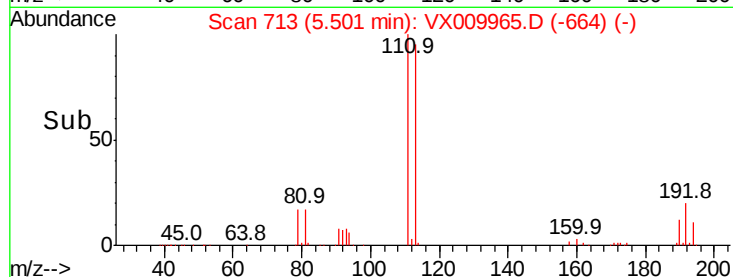
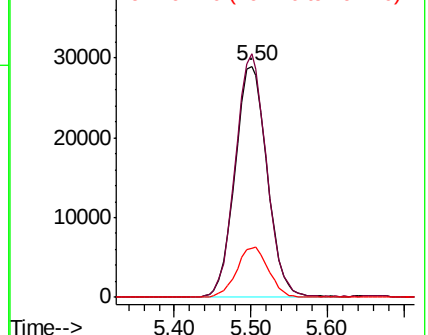
192 21.6 17.1 25.7



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: 49.830 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009965.D

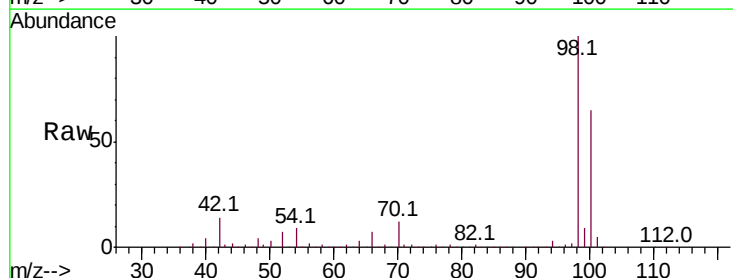
Acq: 30 May 2019 17:01

Tgt Ion: 98 Resp: 347031

Ion Ratio Lower Upper

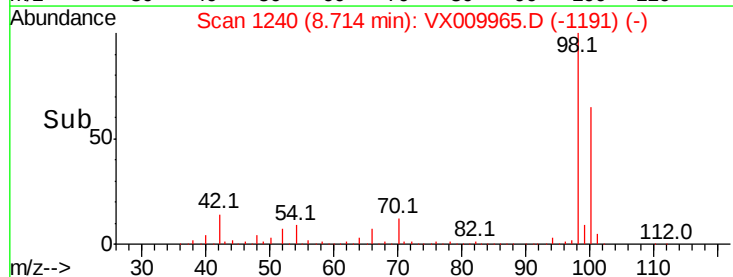
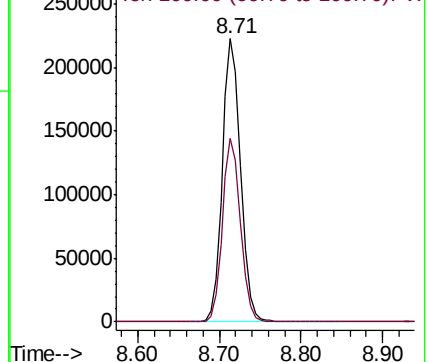
98 100

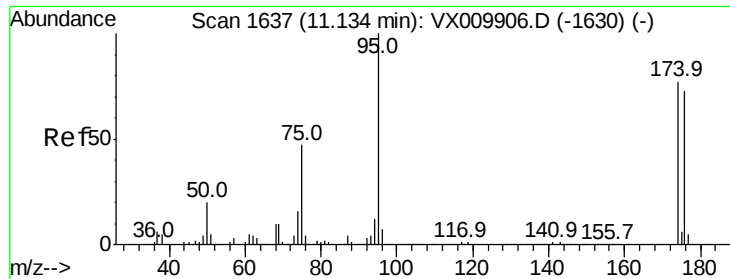
100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

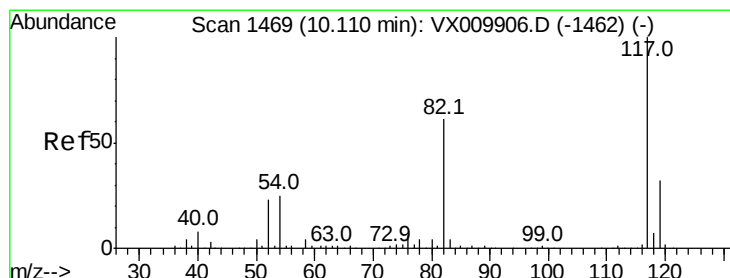
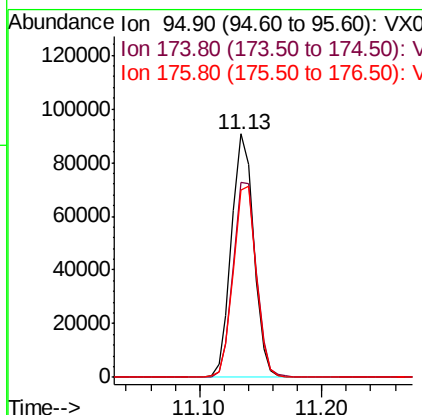
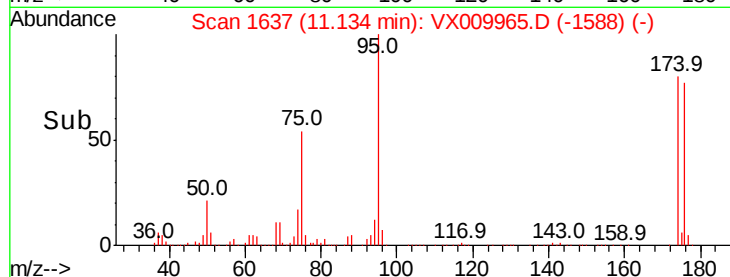
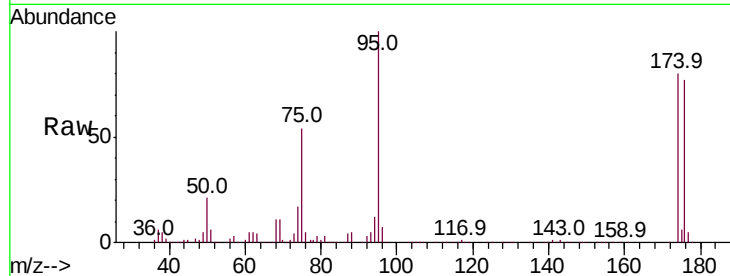




#62
4-Bromofluorobenzene
Concen: 45.679 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009965.D
Acq: 30 May 2019 17:01

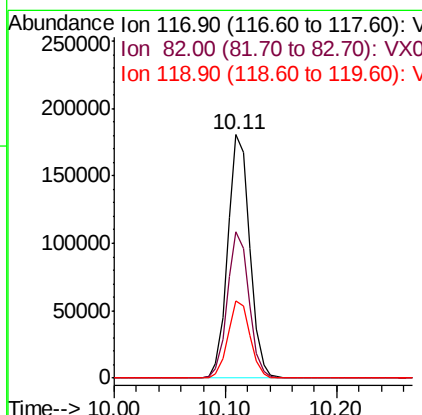
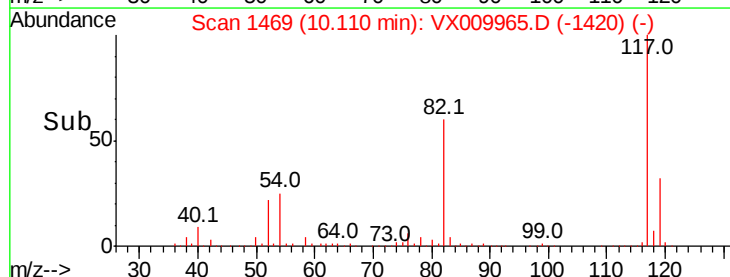
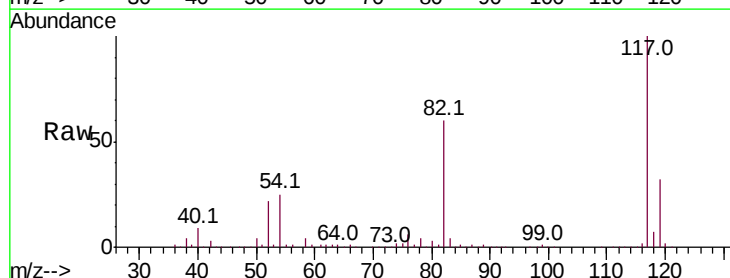
Instrument :
MSVOA_X
ClientSampleId :
71-70

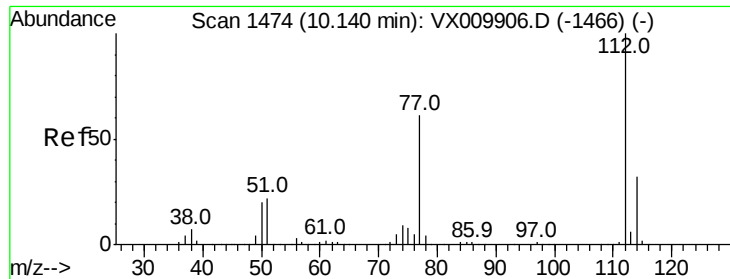
Tot Ion: 95 Resp: 114266
Ion Ratio Lower Upper
95 100
174 82.9 0.0 160.4
176 80.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009965.D
Acq: 30 May 2019 17:01

Tgt Ion: 117 Resp: 246072
Ion Ratio Lower Upper
117 100
82 60.2 49.2 73.8
119 31.8 25.2 37.8

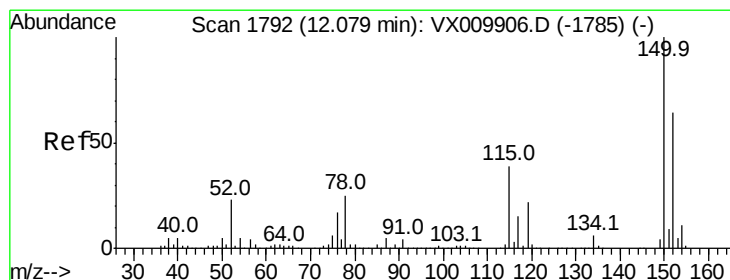
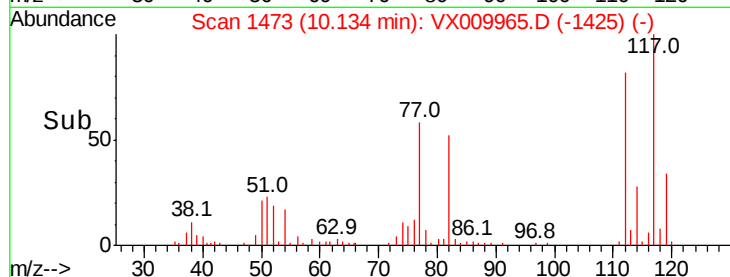
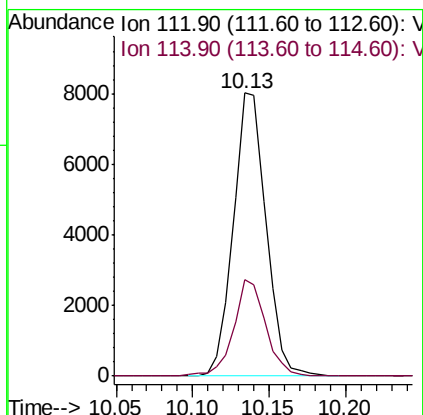
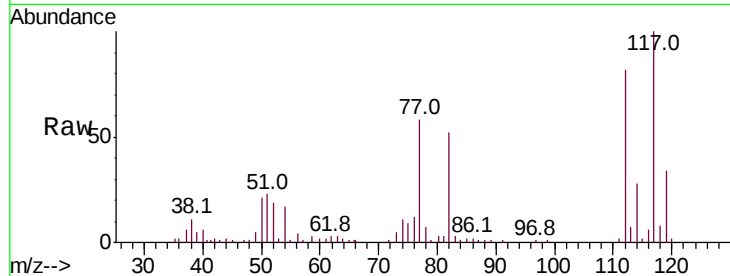




#65
Chlorobenzene
Concen: 2.305 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX009965.D
Acq: 30 May 2019 17:01

Instrument :
MSVOA_X
ClientSampled :
71-70

Tot Ion:112 Resp: 11874
Ion Ratio Lower Upper
112 100
114 34.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009965.D
Acq: 30 May 2019 17:01

Tgt Ion:152 Resp: 105854
Ion Ratio Lower Upper
152 100
115 58.6 41.4 124.2
150 156.9 0.0 345.2

