

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011619\
 Data File : VX007073.D
 Acq On : 16 Jan 2019 13:53
 Operator : JC/SP
 Sample : K1148-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-1

Quant Time: Jan 17 00:18:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

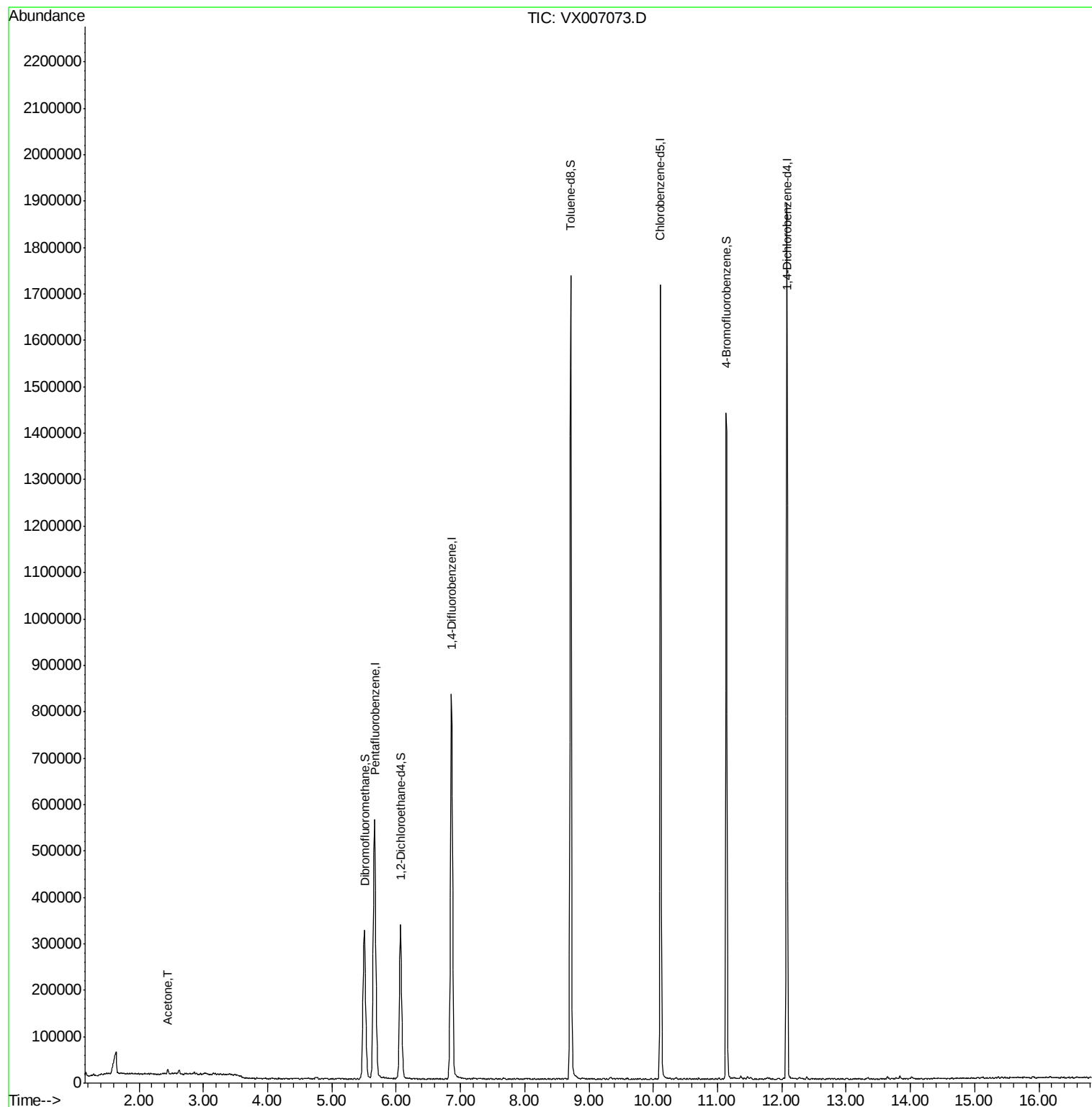
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	574779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	885995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	825773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	402684	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	303622	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	5.51	113	272294	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	1052689	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	373774	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
Target Compounds						
16) Acetone	2.45	43	9946	3.349	ug/l #	Qvalue 88

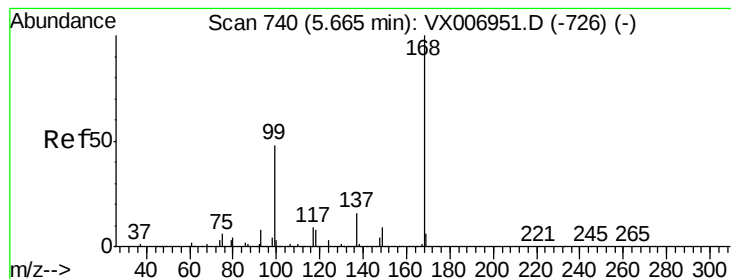
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007073.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_X

ClientSampled :

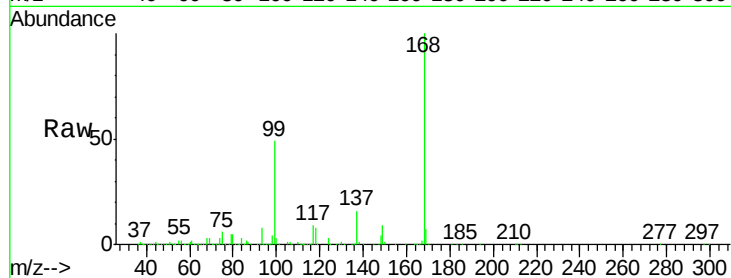
T-1

Tot Ion:168 Resp: 574779

Ion Ratio Lower Upper

168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

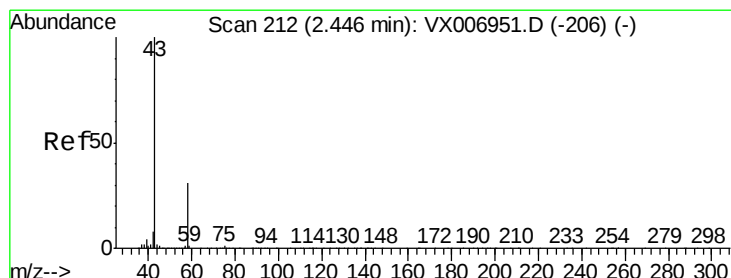
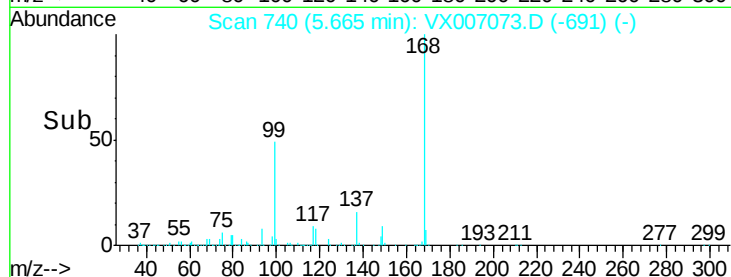
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.349 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007073.D

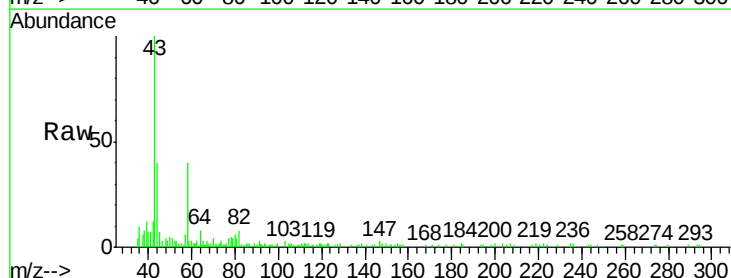
Acq: 16 Jan 2019 13:53

Tgt Ion: 43 Resp: 9946

Ion Ratio Lower Upper

43 100

58 38.2 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

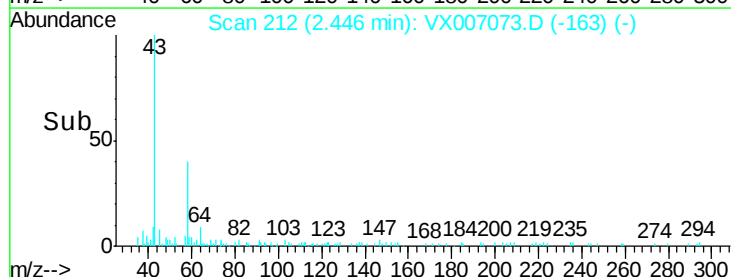
4000

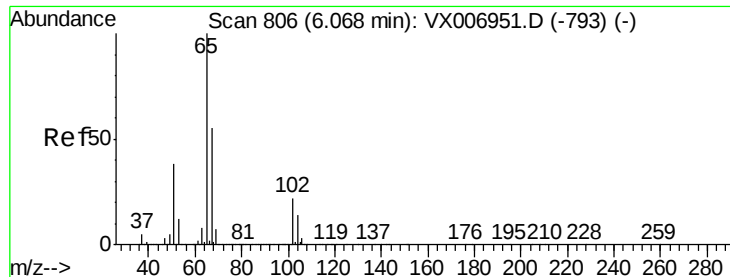
2000

0

Time-->

2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 50.545 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007073.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_X

ClientSampled :

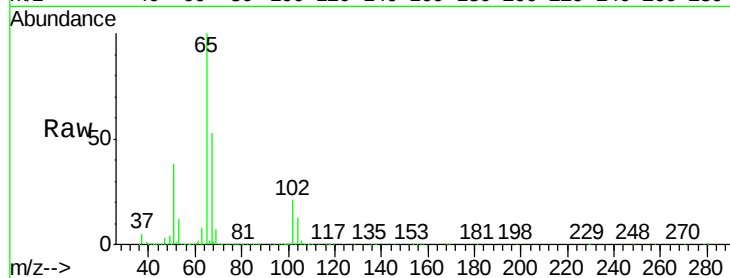
T-1

Tot Ion: 65 Resp: 303622

Ion Ratio Lower Upper

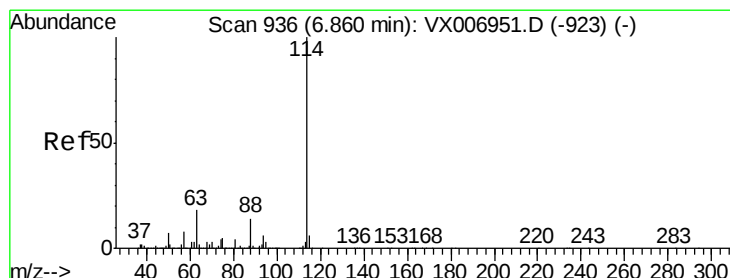
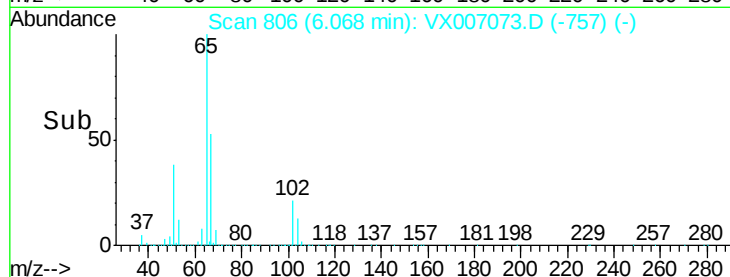
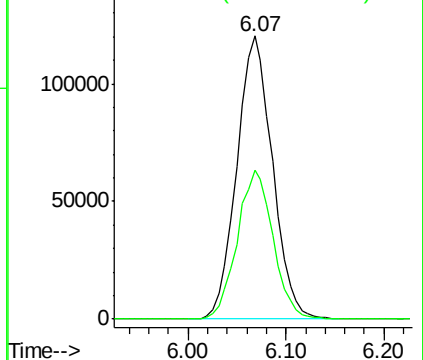
65 100

67 53.0 0.0 105.0



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: VX007073.D

Acq: 16 Jan 2019 13:53

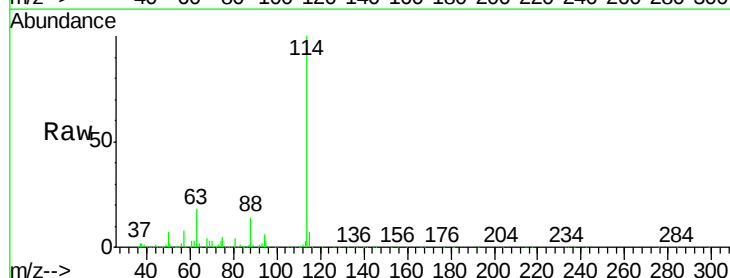
Tgt Ion: 114 Resp: 885995

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

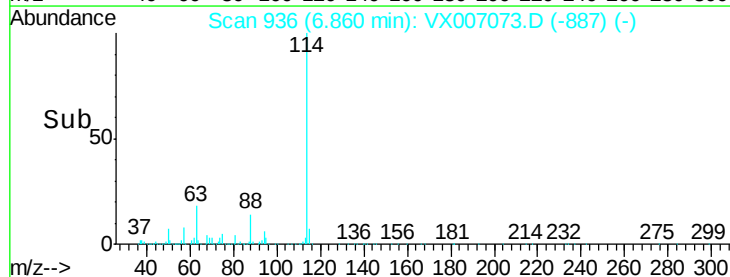
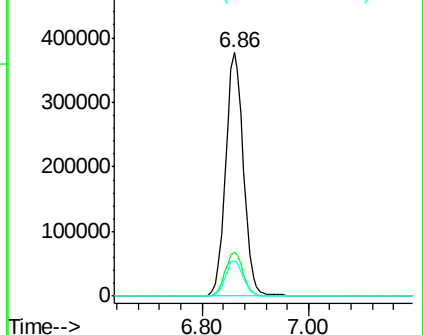
88 14.3 0.0 28.8

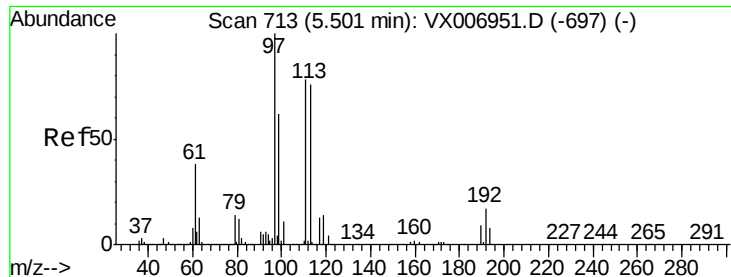


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.991 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007073.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_X

ClientSampled :

T-1

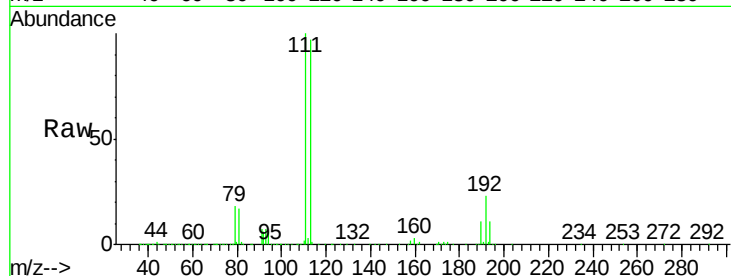
Tot Ion:113 Resp: 272294

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

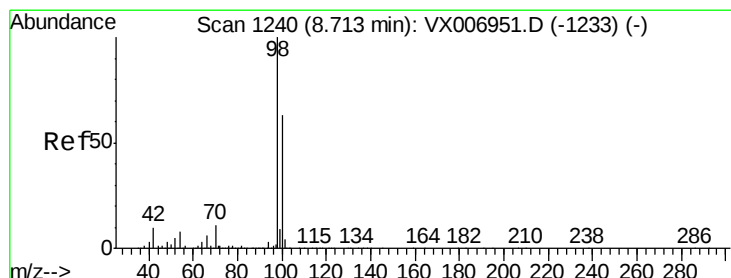
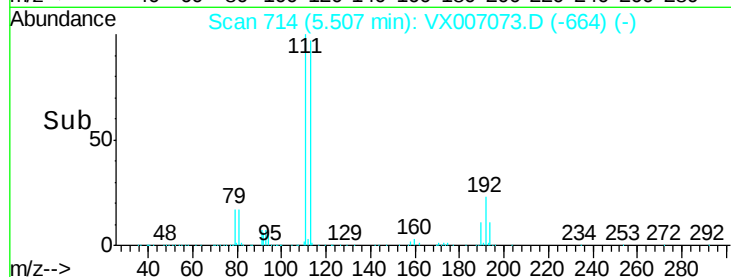
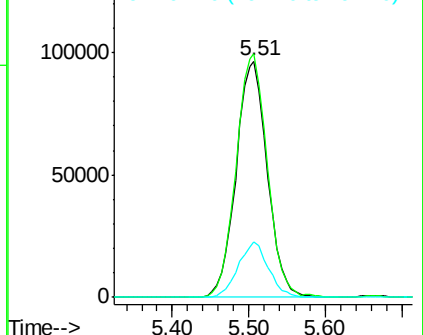
192 22.6 16.7 25.1



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: 50.688 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007073.D

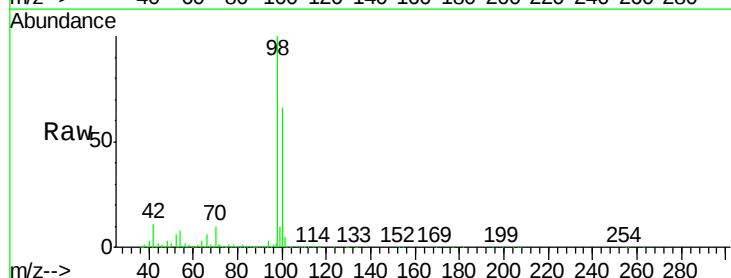
Acq: 16 Jan 2019 13:53

Tgt Ion: 98 Resp: 1052689

Ion Ratio Lower Upper

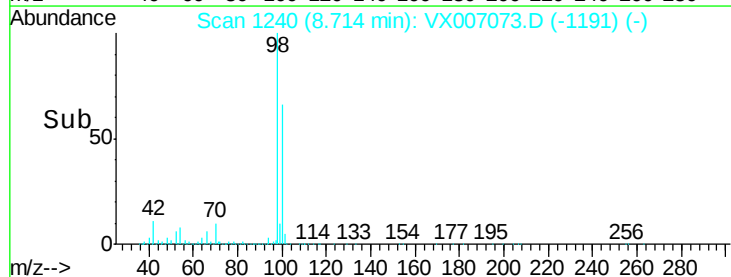
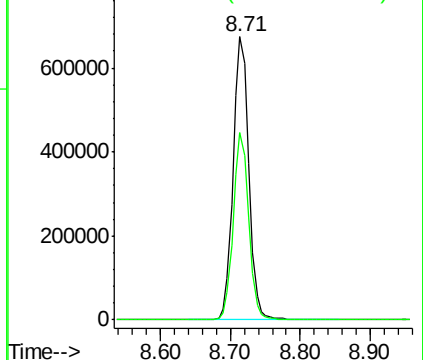
98 100

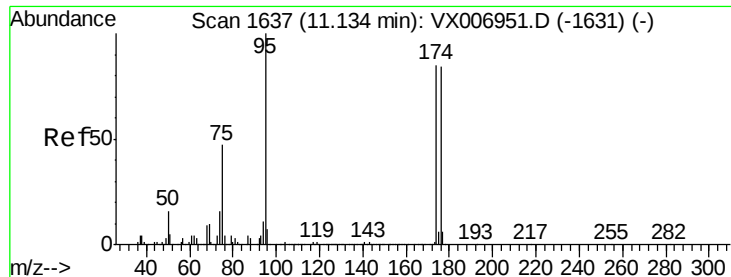
100 65.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

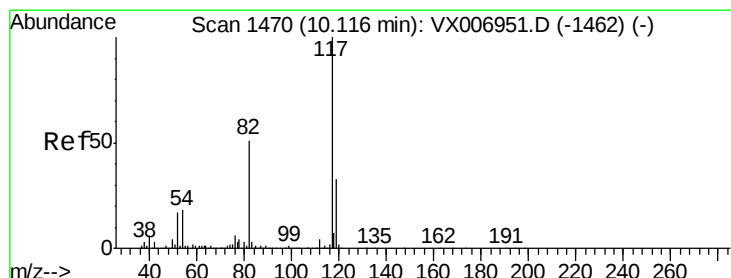
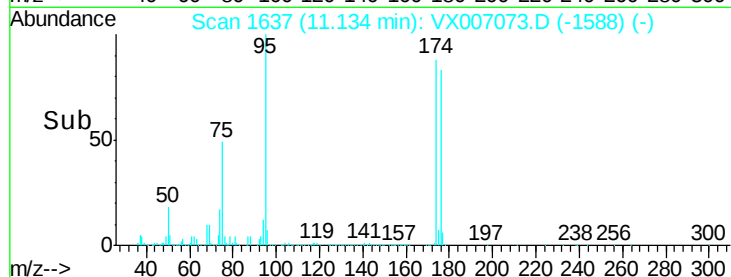
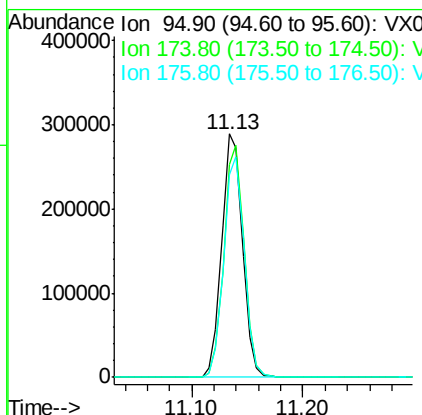
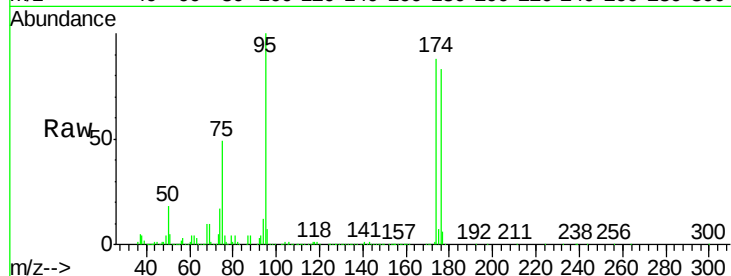




#62
4-Bromofluorobenzene
Concen: 51.624 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007073.D
Acq: 16 Jan 2019 13:53

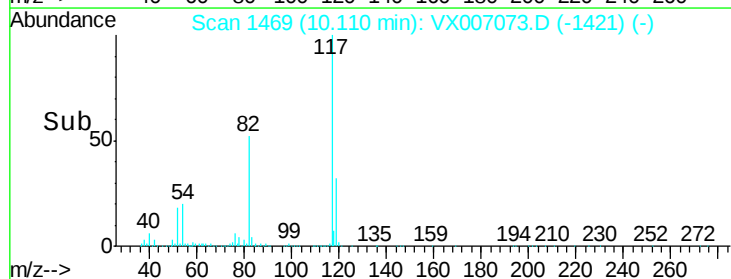
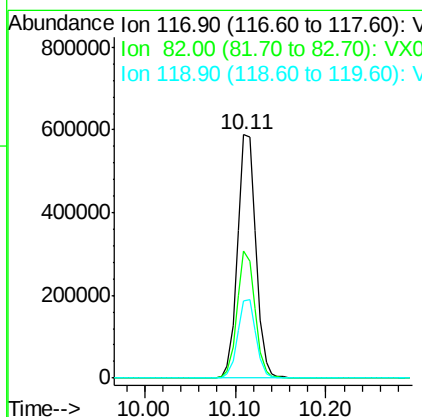
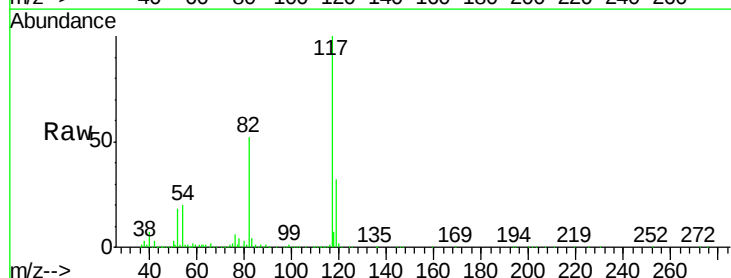
Instrument :
MSVOA_X
ClientSampleId :
T-1

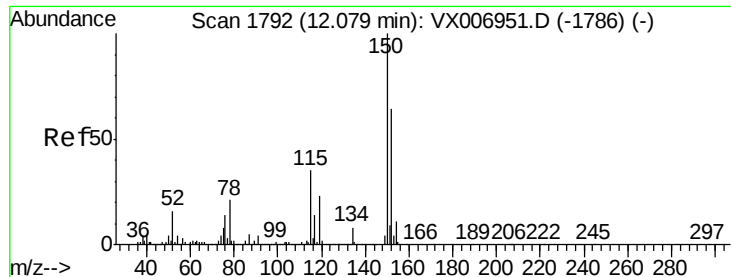
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	182.2
176	89.6	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007073.D
Acq: 16 Jan 2019 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.0	61.6
119	32.0	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007073.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_X

ClientSampleId :

T-1

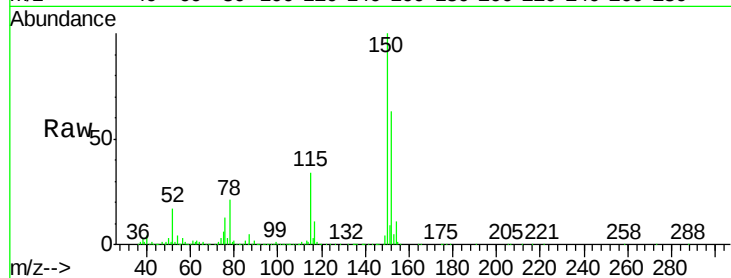
Tot Ion:152 Resp: 402684

Ion Ratio Lower Upper

152 100

115 54.0 39.1 117.2

150 155.2 0.0 344.8



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

