

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008255.D
 Acq On : 20 Mar 2019 20:38
 Operator : JC/SP
 Sample : K1945-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T2-OZ(PRE)

Quant Time: Mar 22 07:34:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

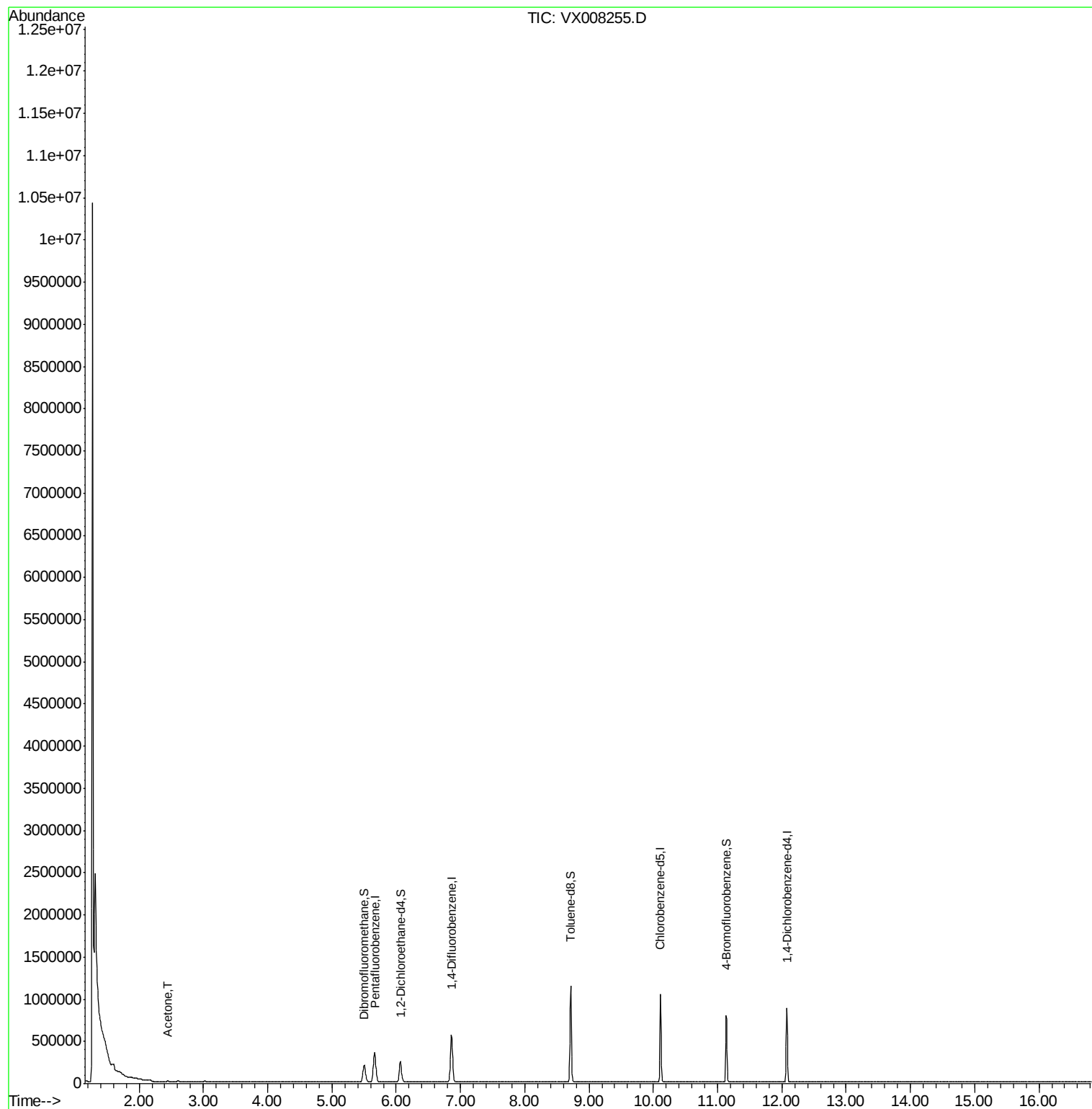
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	330163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	539865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	450820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	231498	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
35) Dibromofluoromethane	5.50	113	173278	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	8.71	98	664679	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.13	95	206364	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
16) Acetone	2.45	43	17393	6.167	ug/l	Qvalue 94

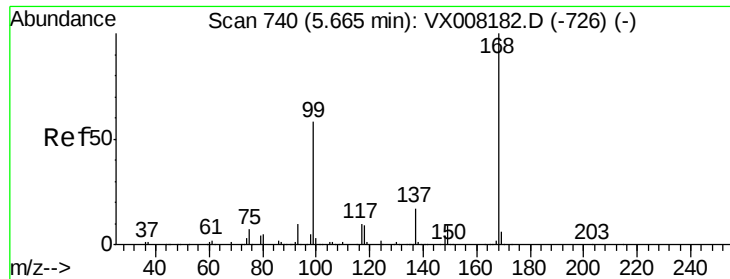
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008255.D

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Instrument :

MSVOA_X

ClientSampleId :

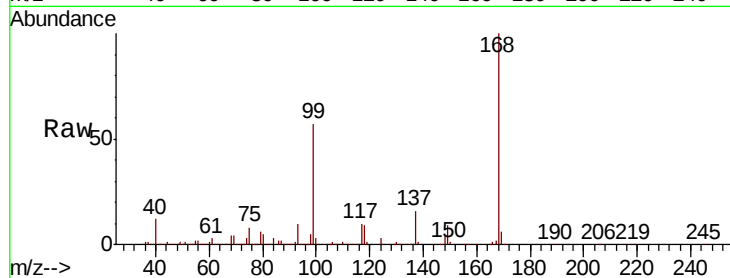
M4-T2-OZ(PRE)

Tot Ion:168 Resp: 330163

Ion Ratio Lower Upper

168 100

99 57.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

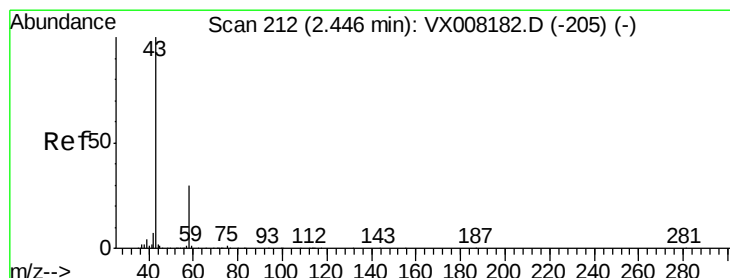
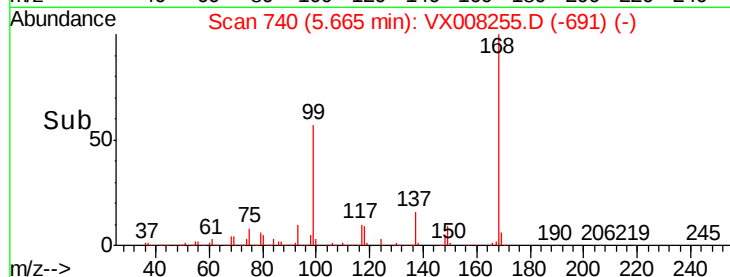
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.167 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008255.D

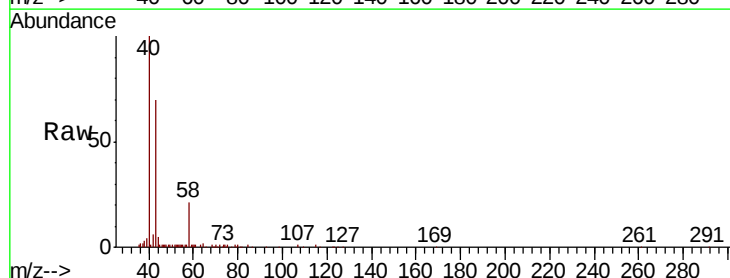
Acq: 20 Mar 2019 20:38

Tgt Ion: 43 Resp: 17393

Ion Ratio Lower Upper

43 100

58 28.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

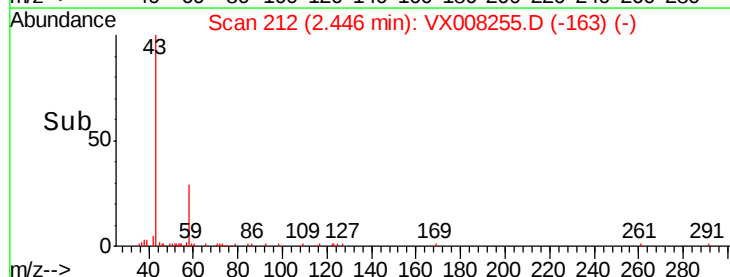
6000

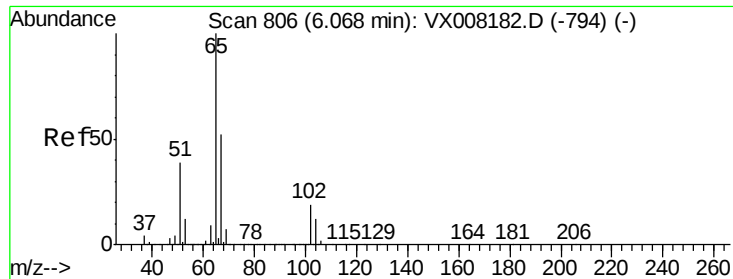
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 46.555 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008255.D

Acq: 20 Mar 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

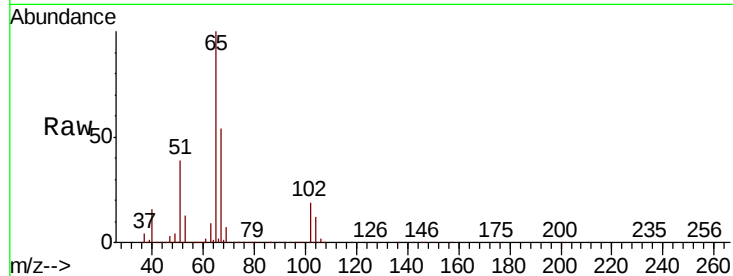
M4-T2-OZ(PRE)

Tot Ion: 65 Resp: 231498

Ion Ratio Lower Upper

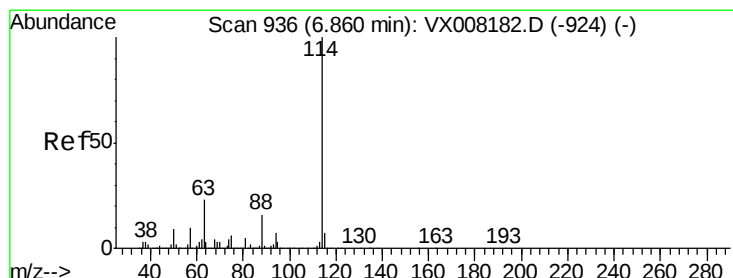
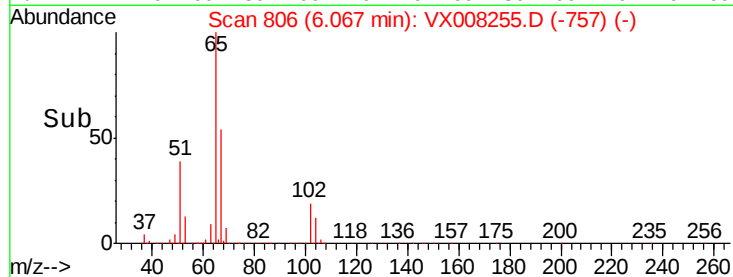
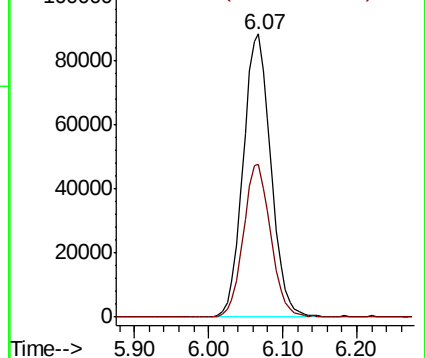
65 100

67 53.3 0.0 110.0



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: VX008255.D

Acq: 20 Mar 2019 20:38

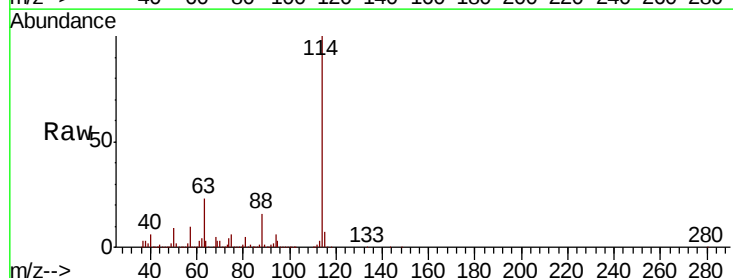
Tgt Ion: 114 Resp: 539865

Ion Ratio Lower Upper

114 100

63 22.8 0.0 39.8

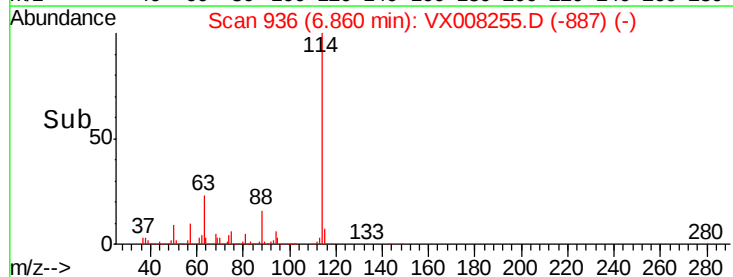
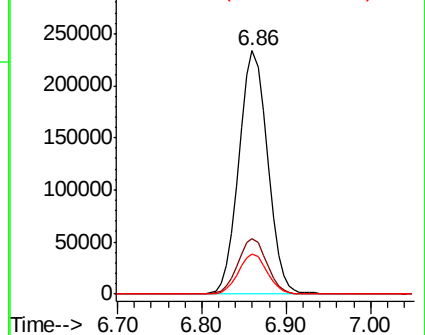
88 16.5 0.0 31.4

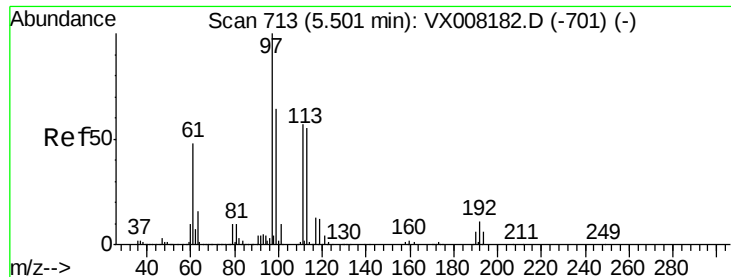


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

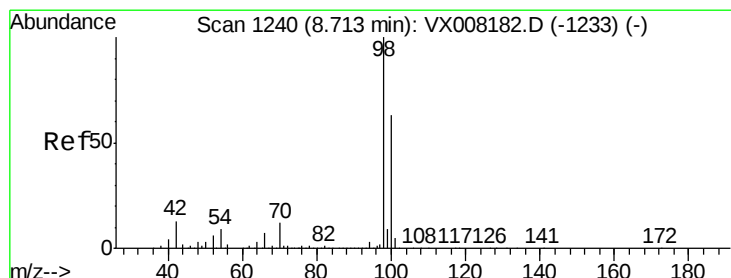
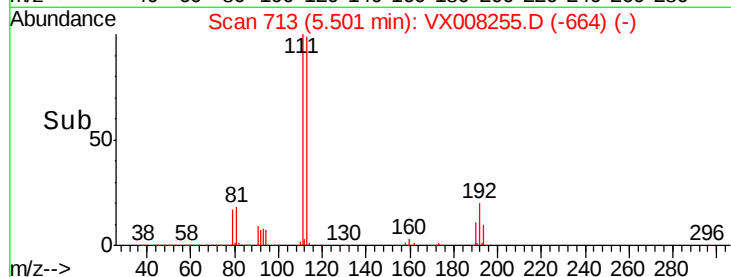
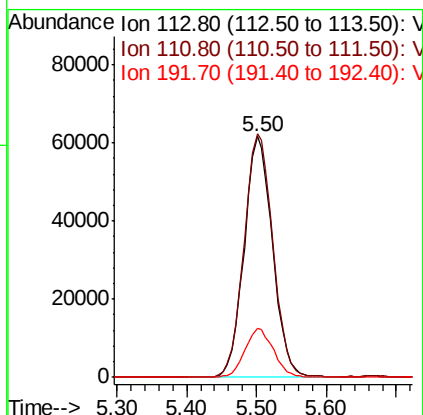
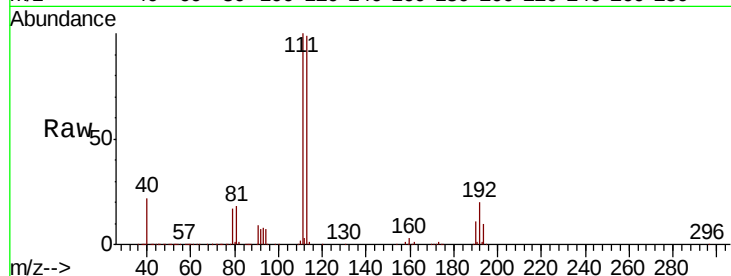




#35
 Dibromofluoromethane
 Concen: 47.946 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008255.D
 Acq: 20 Mar 2019 20:38

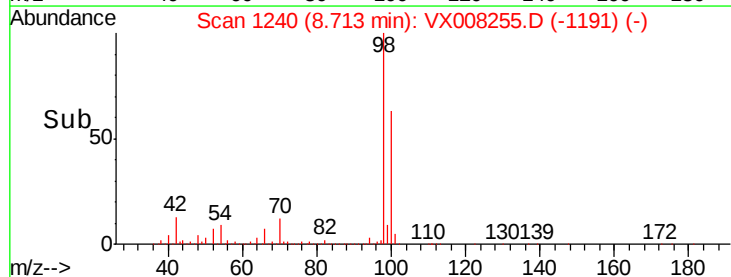
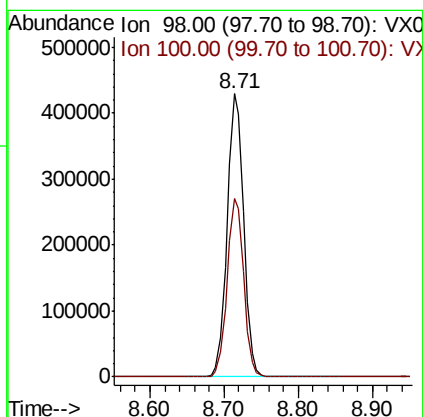
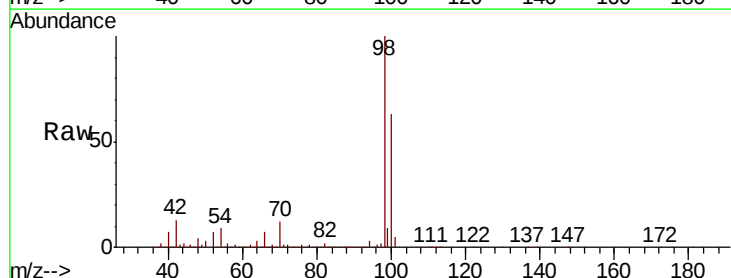
Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T2-OZ(PRE)

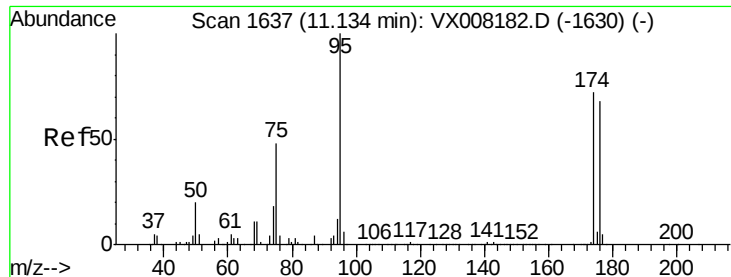
Tot Ion:113 Resp: 173278
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.0
 192 20.4 19.4 29.0



#50
 Toluene-d8
 Concen: 48.509 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008255.D
 Acq: 20 Mar 2019 20:38

Tgt Ion: 98 Resp: 664679
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.7 77.5

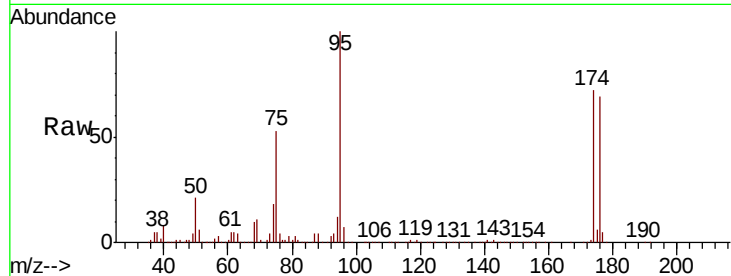




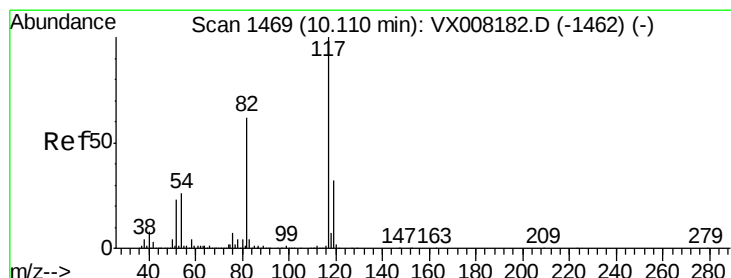
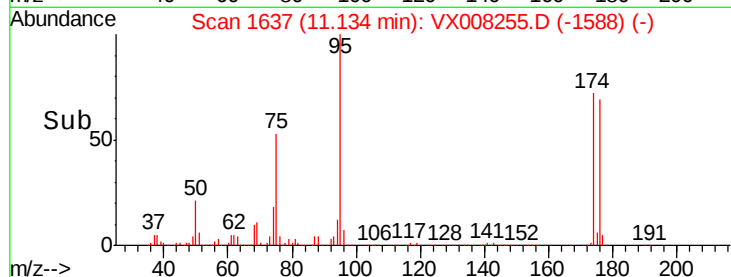
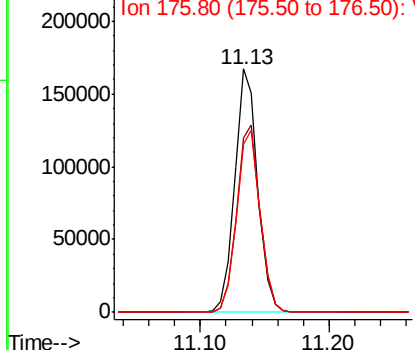
#62
4-Bromofluorobenzene
Concen: 43.741 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008255.D
Acq: 20 Mar 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
M4-T2-OZ(PRE)

Tot Ion: 95 Resp: 206364
Ion Ratio Lower Upper
95 100
174 78.7 0.0 182.8
176 76.5 0.0 178.0

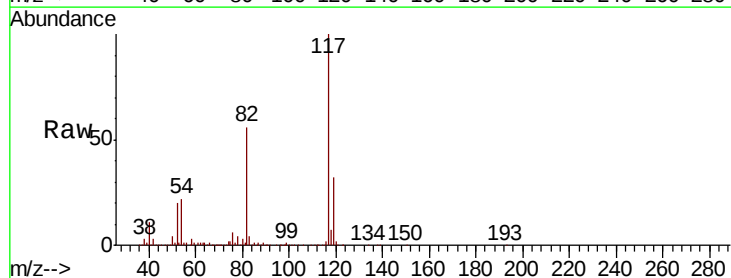


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

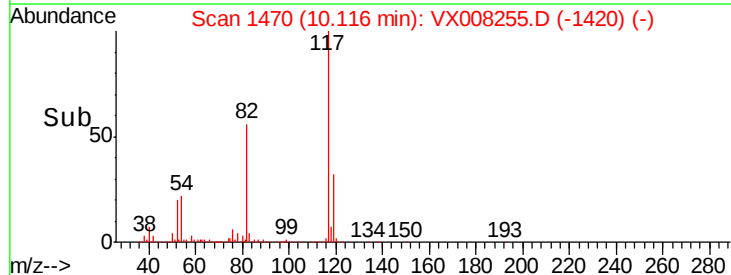
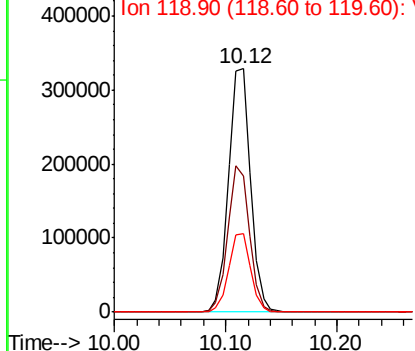


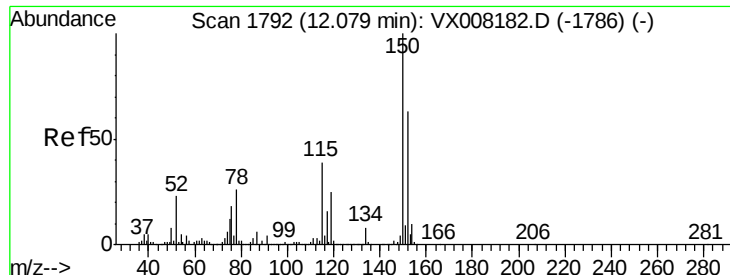
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008255.D
Acq: 20 Mar 2019 20:38

Tgt Ion: 117 Resp: 450820
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.1 25.3 37.9



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: VX008255.D

Acq: 20 Mar 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

M4-T2-OZ(PRE)

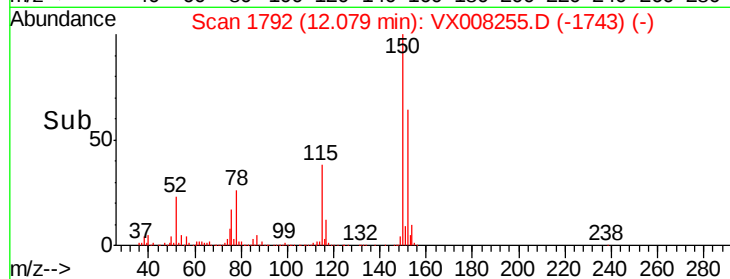
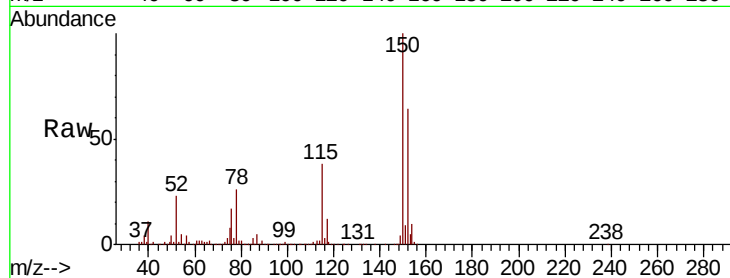
Tot Ion:152 Resp: 177117

Ion Ratio Lower Upper

152 100

115 59.7 38.6 115.7

150 157.1 0.0 348.4



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

