

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009016.D
 Acq On : 17 Apr 2019 15:47
 Operator : JC/SP
 Sample : K2449-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB11-190415

Quant Time: Apr 18 10:21:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

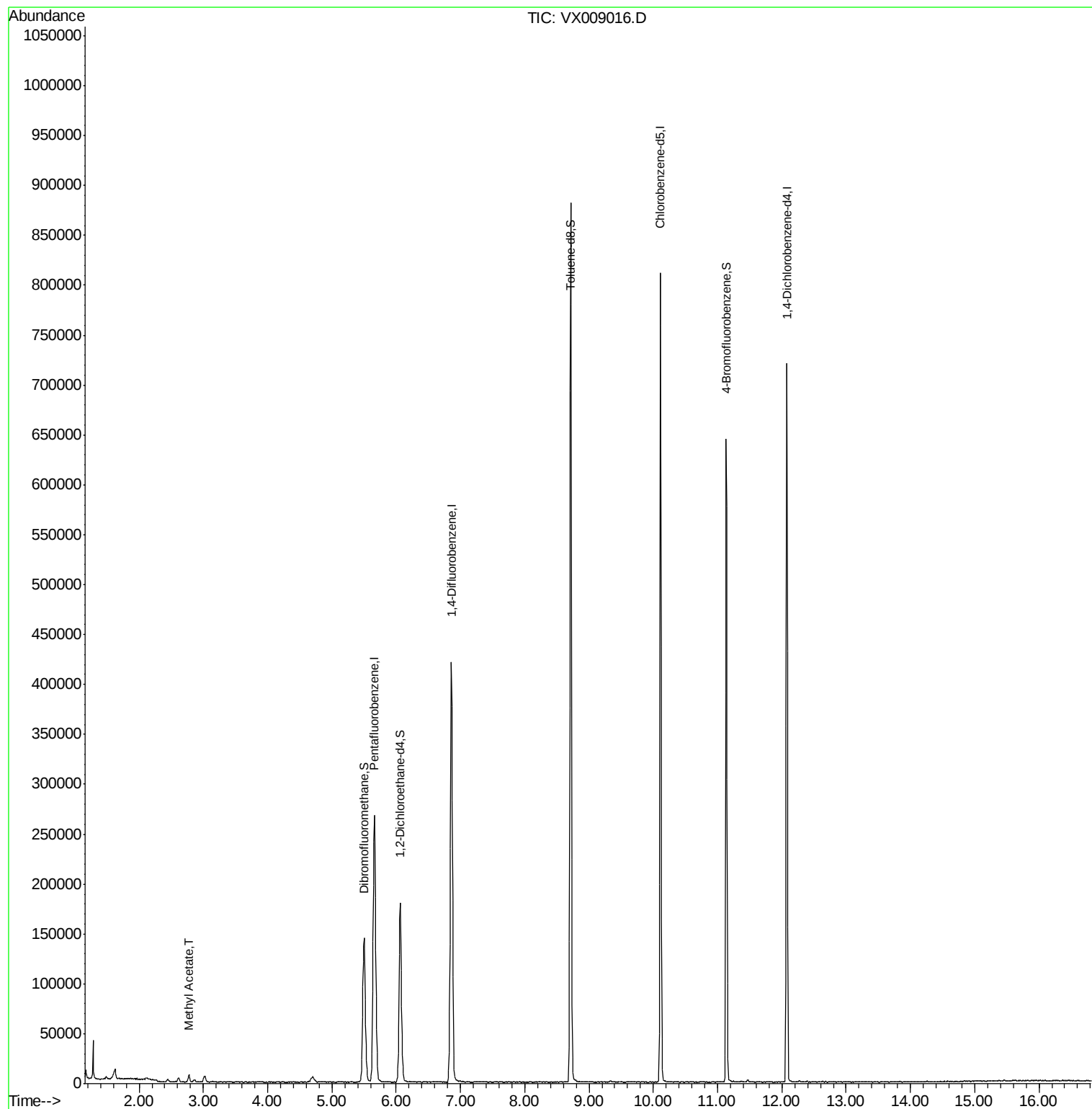
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	354142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	168246	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
35) Dibromofluoromethane	5.50	113	124038	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	8.71	98	510074	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	11.13	95	168308	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
18) Methyl Acetate	2.78	43	9041	1.911	ug/l	Qvalue 99

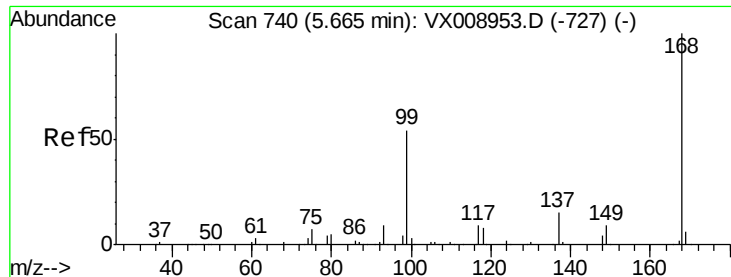
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009016.D

Acq: 17 Apr 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

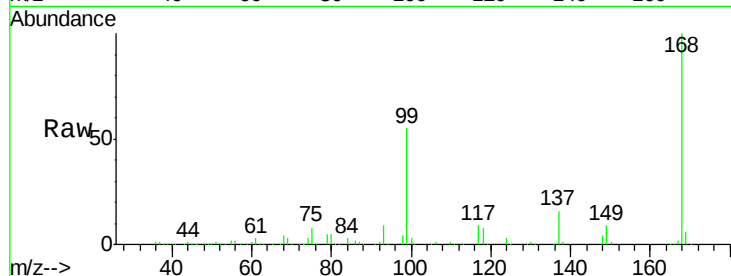
Z3-TB11-190415

Tot Ion:168 Resp: 259390

Ion Ratio Lower Upper

168 100

99 55.0 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

100000

80000

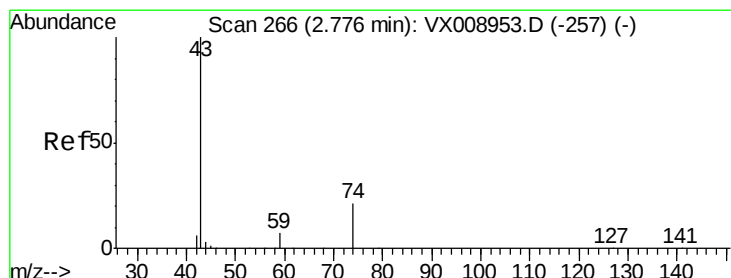
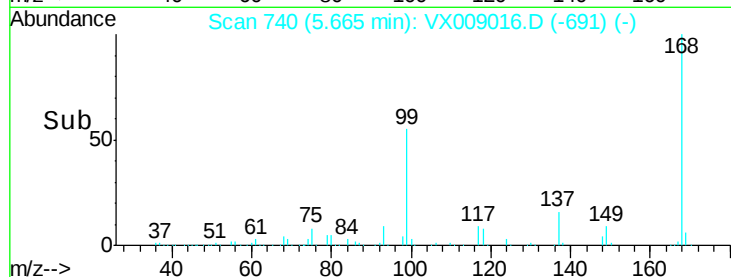
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 1.911 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009016.D

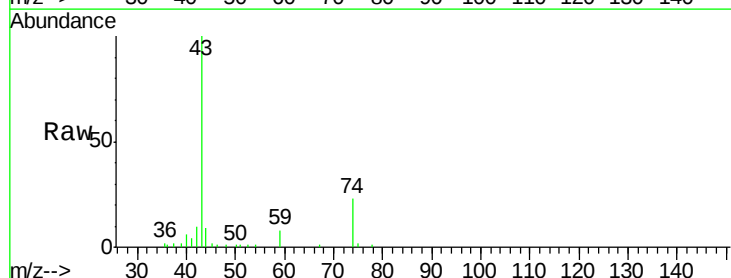
Acq: 17 Apr 2019 15:47

Tgt Ion: 43 Resp: 9041

Ion Ratio Lower Upper

43 100

74 21.5 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

6000

5000

4000

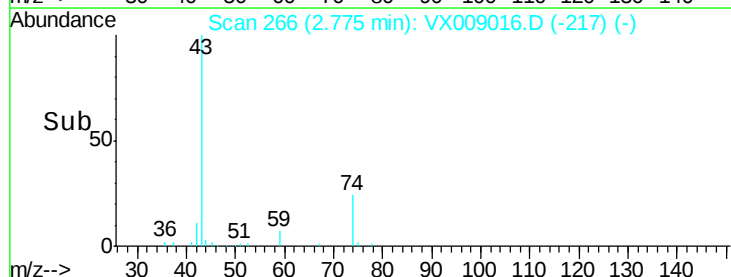
3000

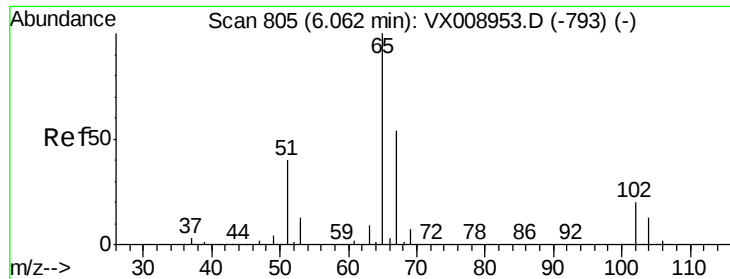
2000

1000

0

Time--> 2.70 2.75 2.80 2.85

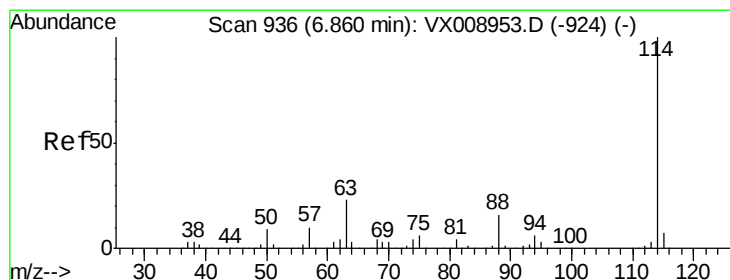
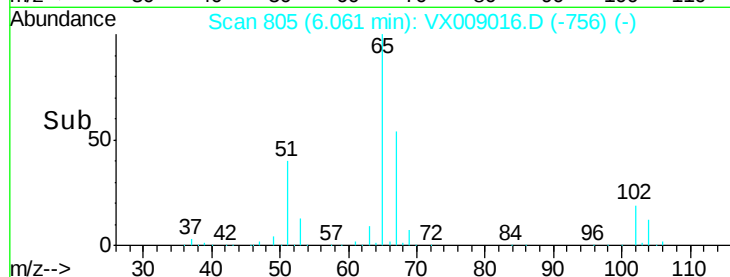
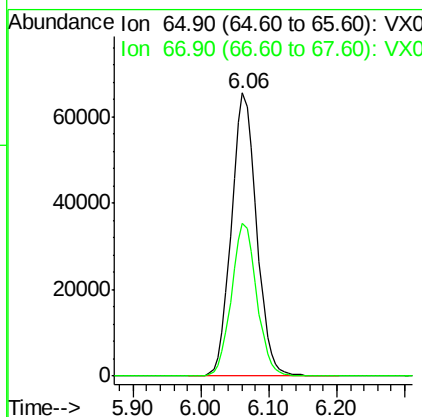
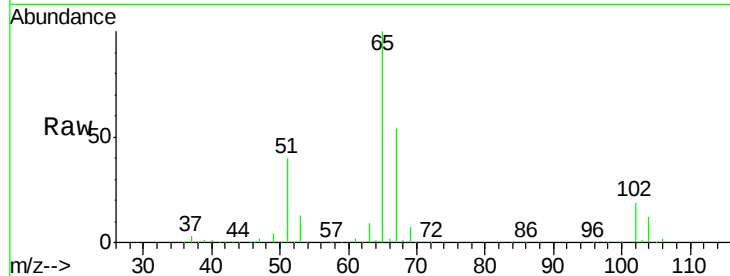




#33
 1,2-Dichloroethane-d4
 Concen: 46.025 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009016.D
 Acq: 17 Apr 2019 15:47

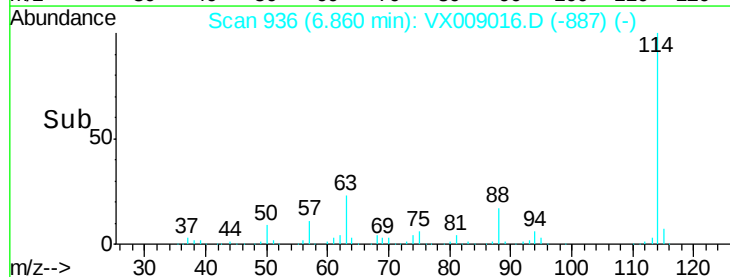
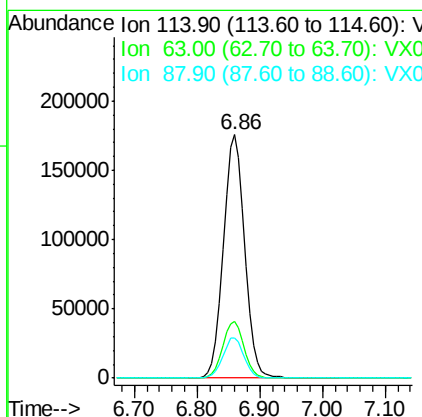
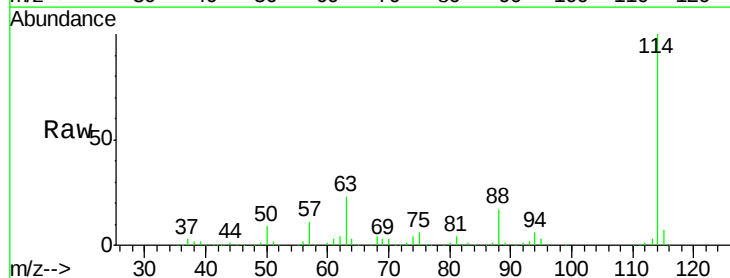
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB11-190415

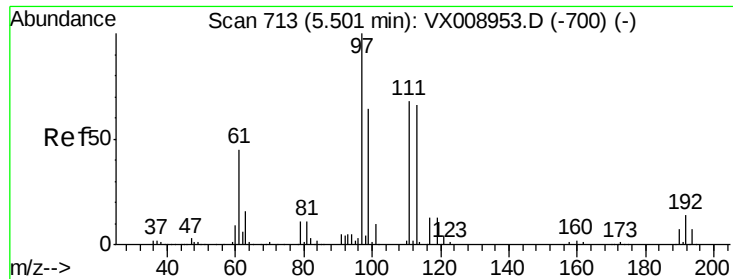
Tot Ion: 65 Resp: 168246
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009016.D
 Acq: 17 Apr 2019 15:47

Tgt Ion: 114 Resp: 411877
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.0
 88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.925 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009016.D

Acq: 17 Apr 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB11-190415

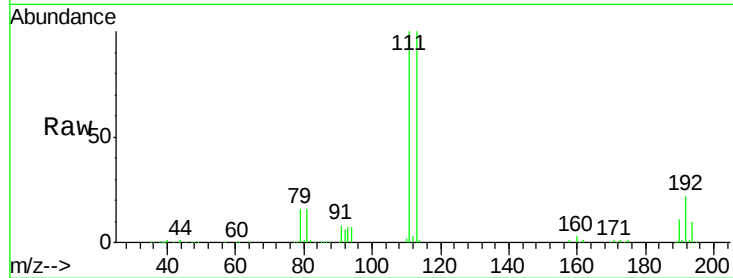
Tot Ion:113 Resp: 124038

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

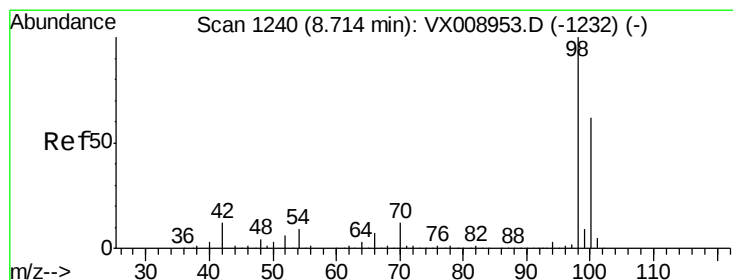
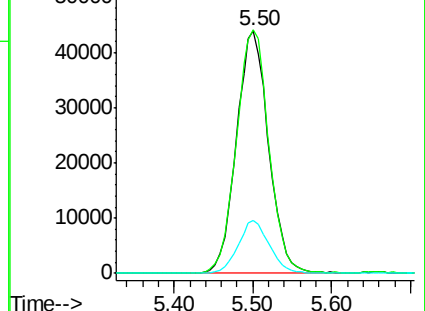
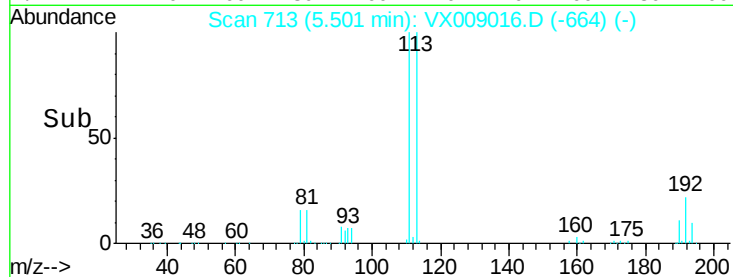
192 21.3 17.4 26.0



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: 48.386 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009016.D

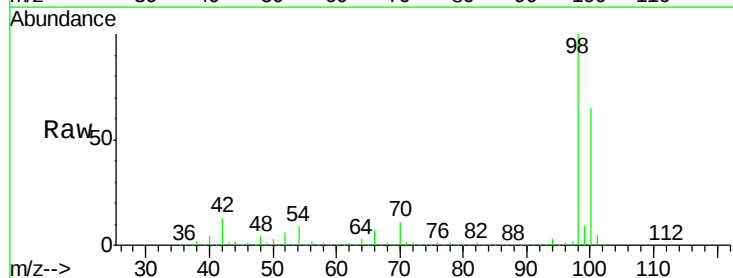
Acq: 17 Apr 2019 15:47

Tgt Ion: 98 Resp: 510074

Ion Ratio Lower Upper

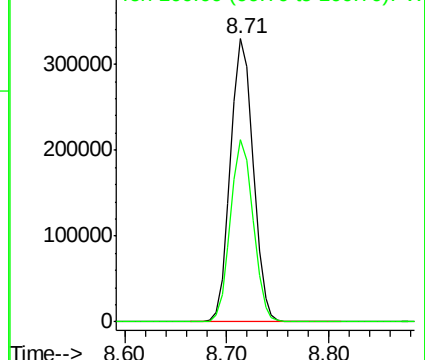
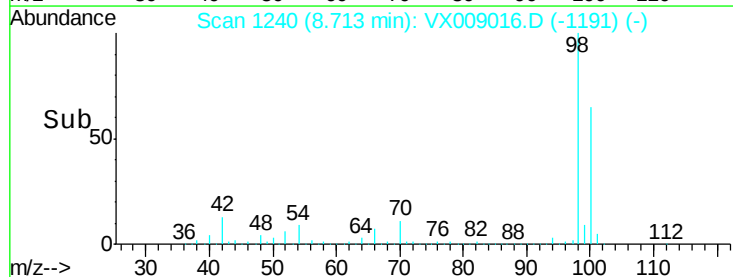
98 100

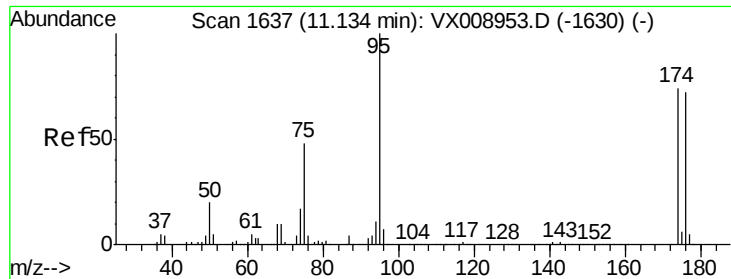
100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

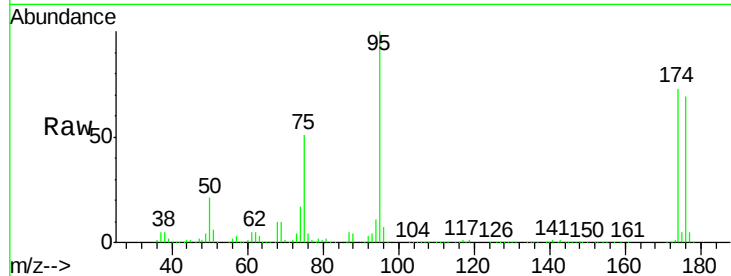




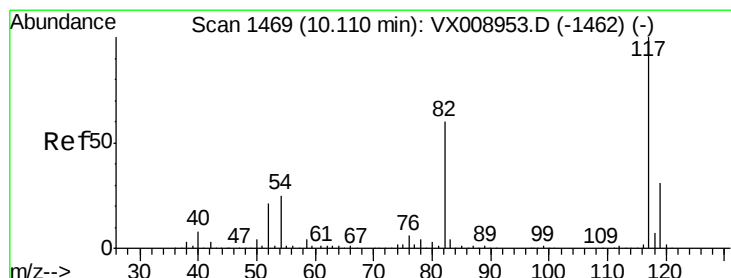
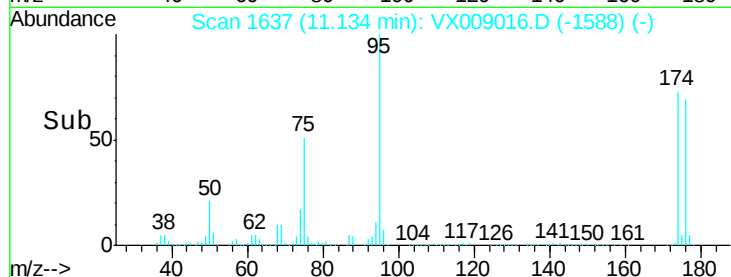
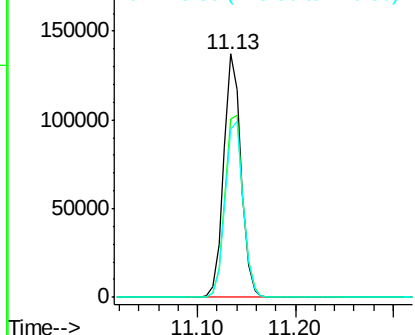
#62
4-Bromofluorobenzene
Concen: 45.229 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009016.D
Acq: 17 Apr 2019 15:47

Instrument :
MSVOA_X
ClientSampleId :
Z3-TB11-190415

Tot Ion: 95 Resp: 168308
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.6
176 75.9 0.0 154.8

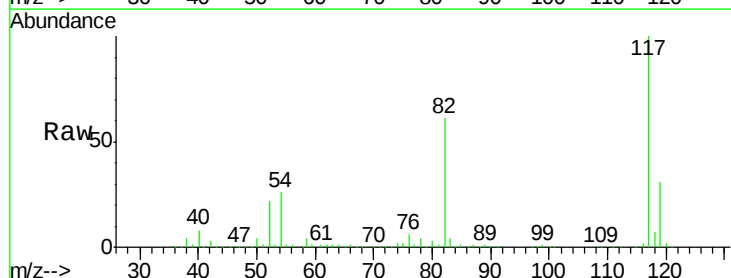


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

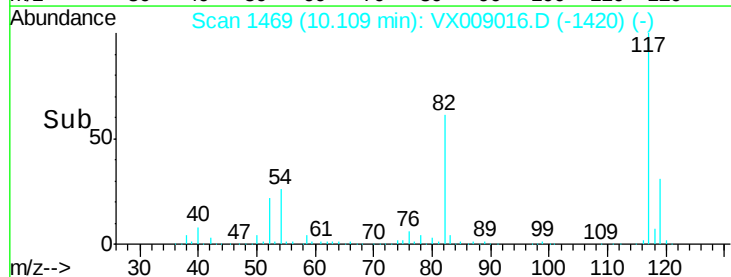
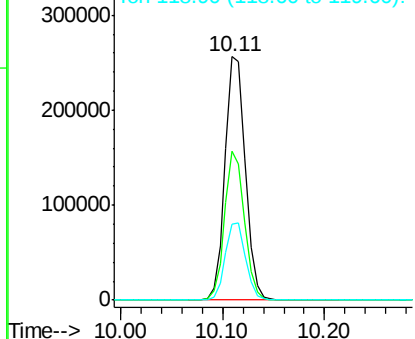


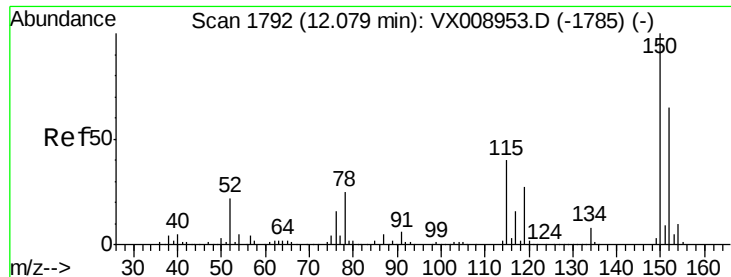
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009016.D
Acq: 17 Apr 2019 15:47

Tgt Ion: 117 Resp: 354142
Ion Ratio Lower Upper
117 100
82 61.2 48.2 72.4
119 31.4 25.0 37.6



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: VX009016.D

Acq: 17 Apr 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB11-190415

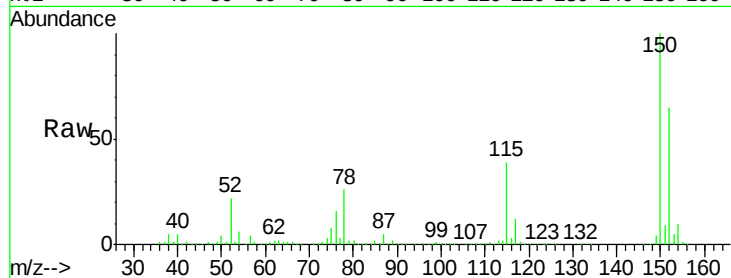
Tot Ion:152 Resp: 145639

Ion Ratio Lower Upper

152 100

115 60.7 41.4 124.2

150 158.1 0.0 349.8



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

