

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009014.D
 Acq On : 17 Apr 2019 15:00
 Operator : JC/SP
 Sample : K2448-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB09-190415

Quant Time: Apr 18 09:54:34 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	257946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	412681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149104	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	167378	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
35) Dibromofluoromethane	5.50	113	122931	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
50) Toluene-d8	8.71	98	510506	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	11.13	95	168205	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	

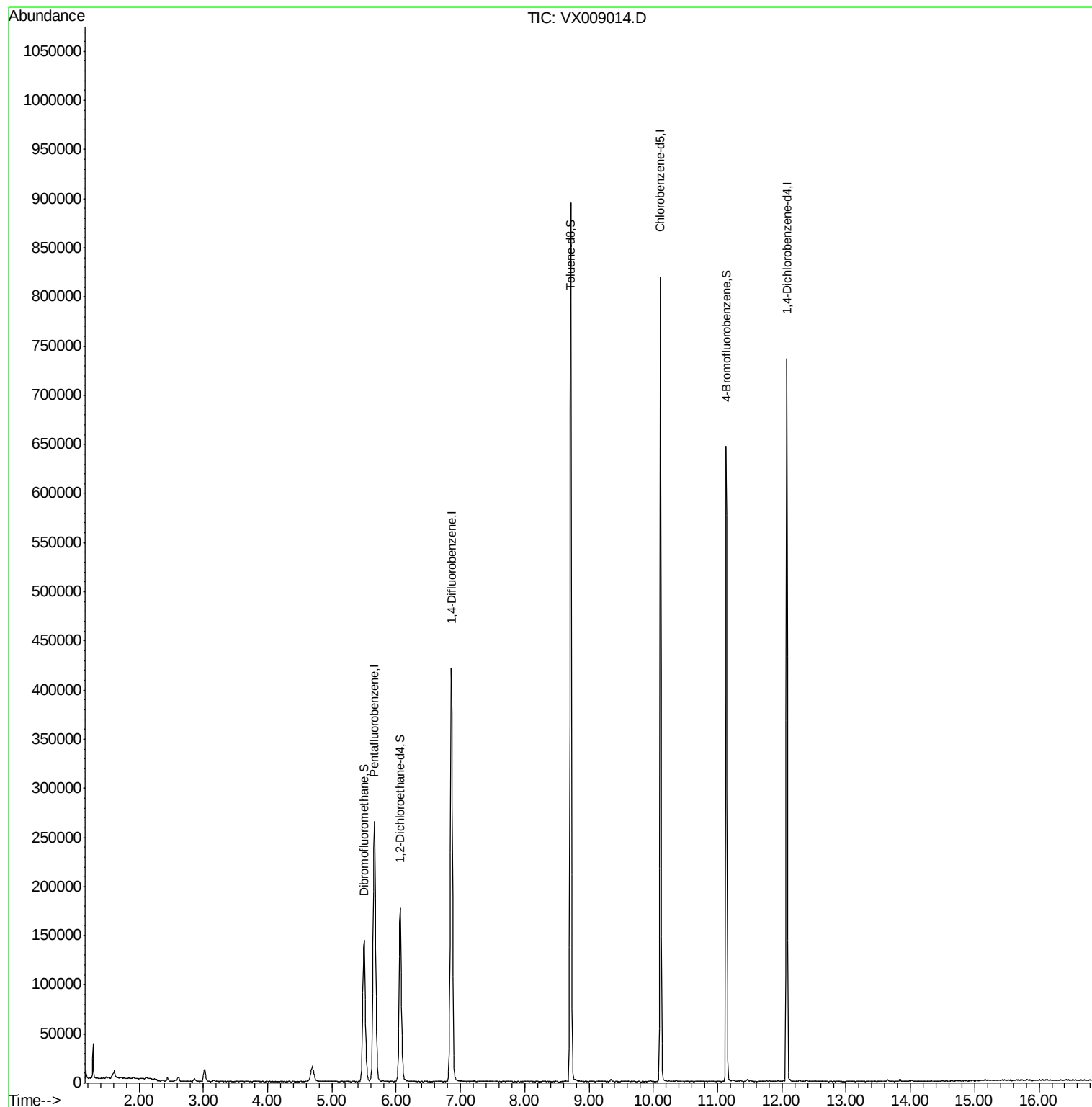
Target Compounds	Qvalue

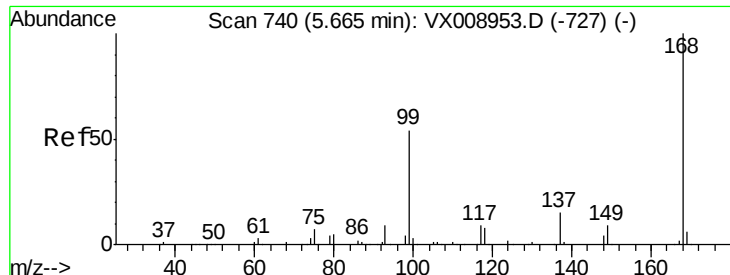
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009014.D

Acq: 17 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

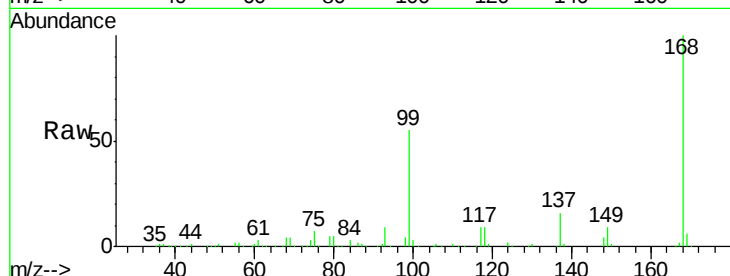
Z3-TB09-190415

Tot Ion:168 Resp: 257946

Ion Ratio Lower Upper

168 100

99 55.2 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

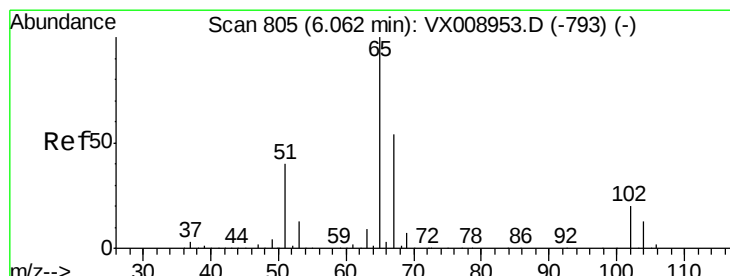
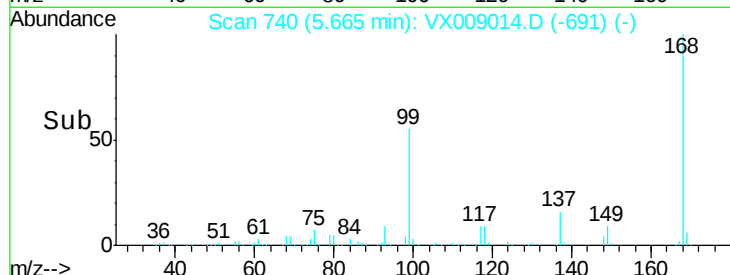
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.044 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009014.D

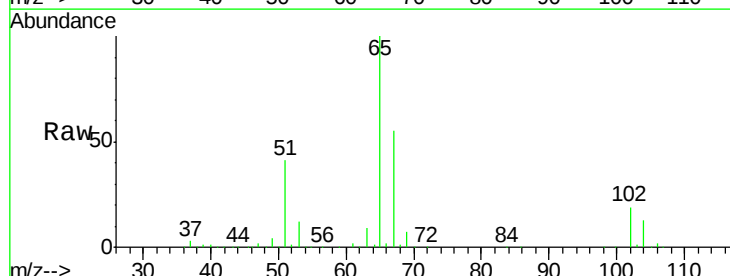
Acq: 17 Apr 2019 15:00

Tgt Ion: 65 Resp: 167378

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

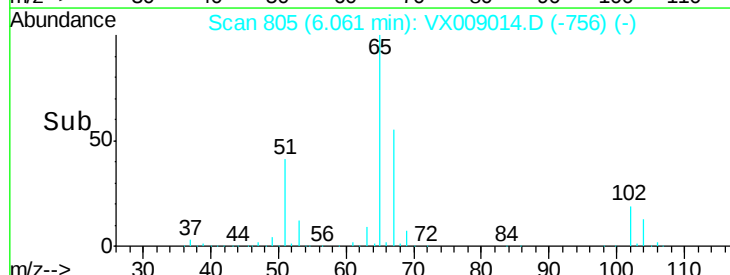
40000

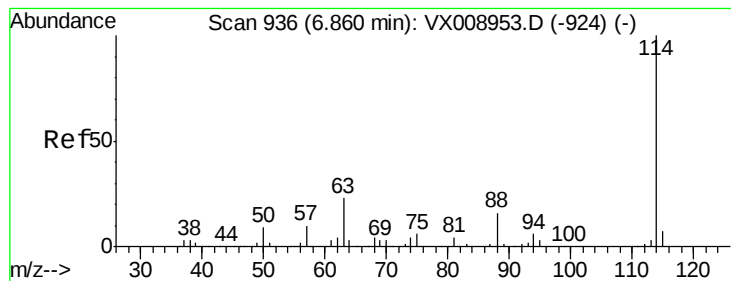
20000

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: VX009014.D

Acq: 17 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB09-190415

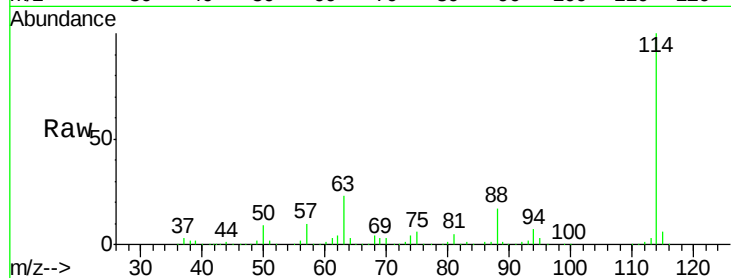
Tot Ion:114 Resp: 412681

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.0

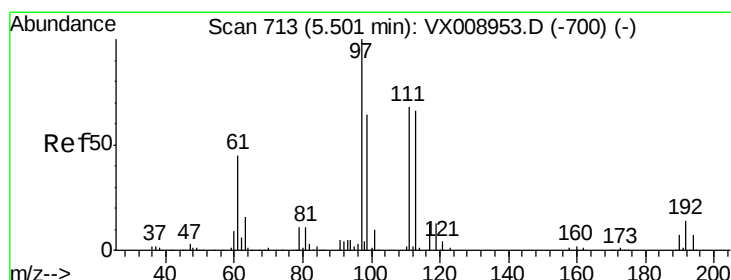
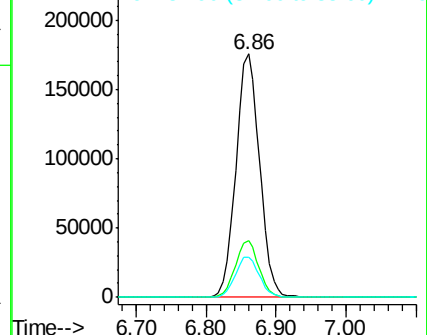
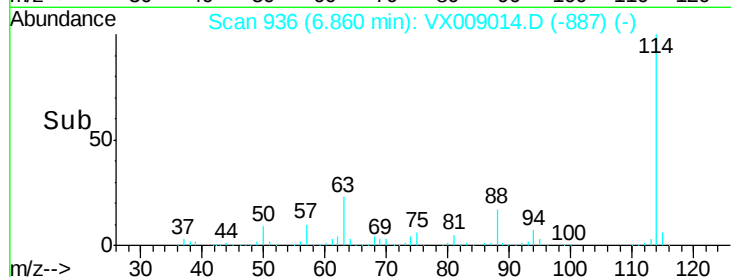
88 16.7 0.0 32.6



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: 46.416 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009014.D

Acq: 17 Apr 2019 15:00

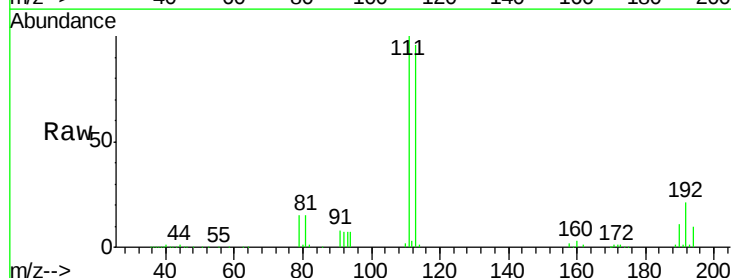
Tgt Ion:113 Resp: 122931

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

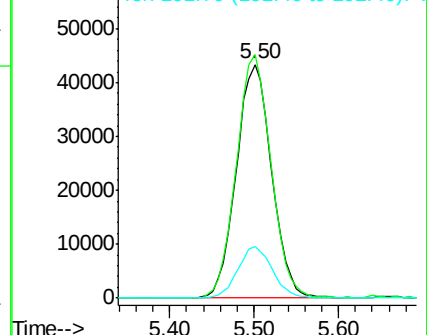
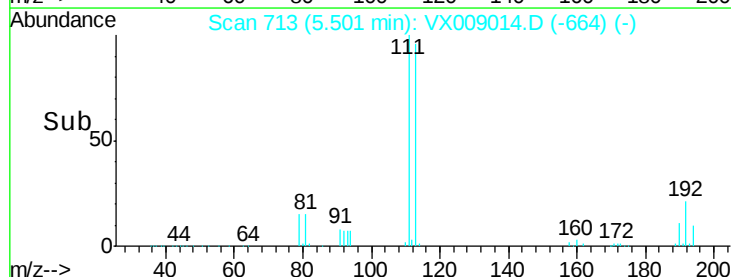
192 21.6 17.4 26.0

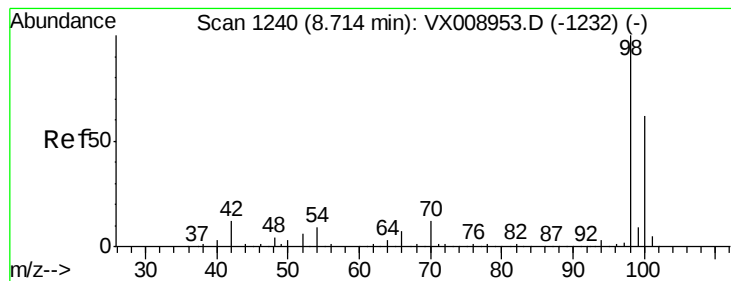


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.333 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009014.D

Acq: 17 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

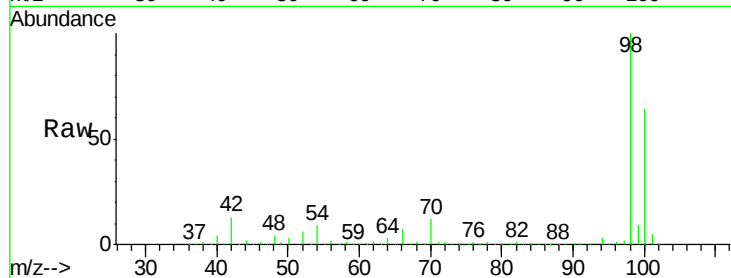
Z3-TB09-190415

Tot Ion: 98 Resp: 510506

Ion Ratio Lower Upper

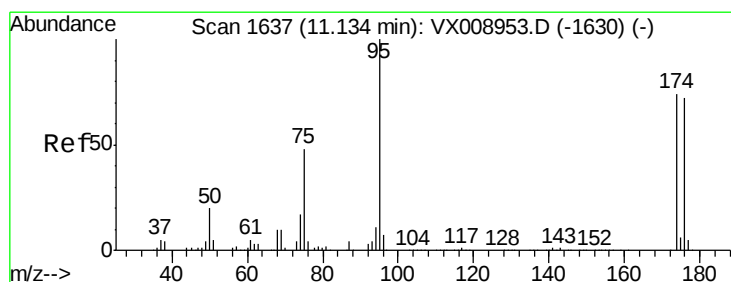
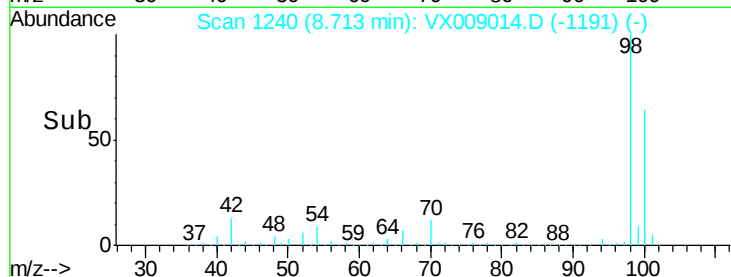
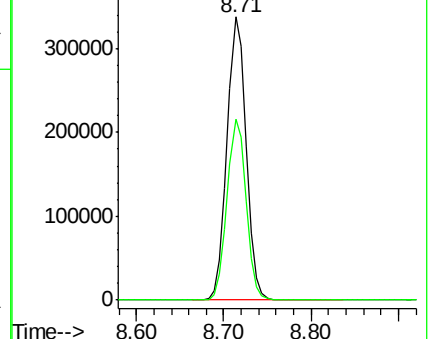
98 100

100 63.9 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: 45.113 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009014.D

Acq: 17 Apr 2019 15:00

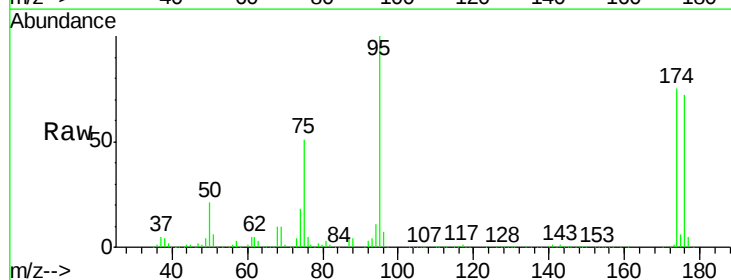
Tgt Ion: 95 Resp: 168205

Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.6

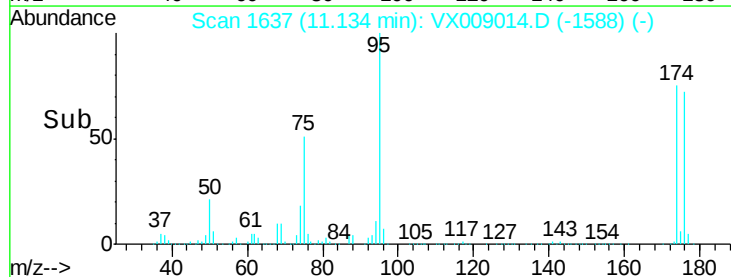
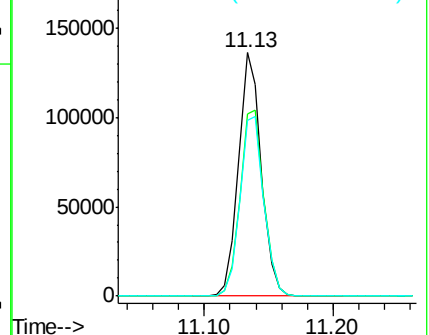
176 77.1 0.0 154.8

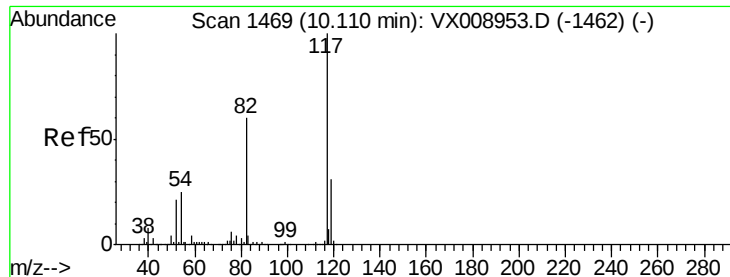


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

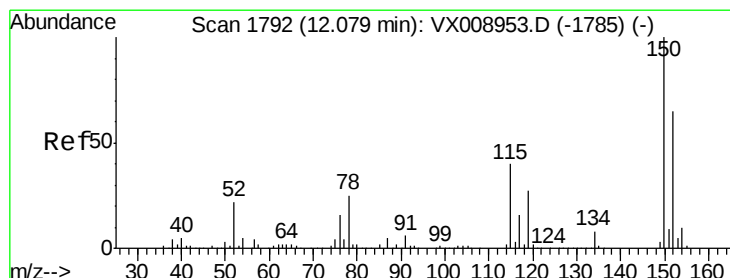
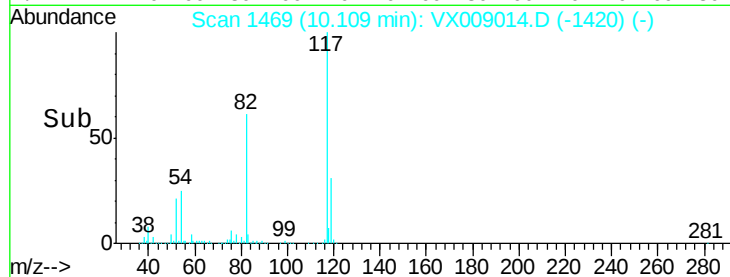
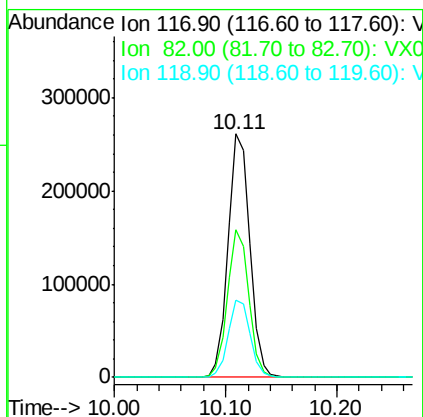
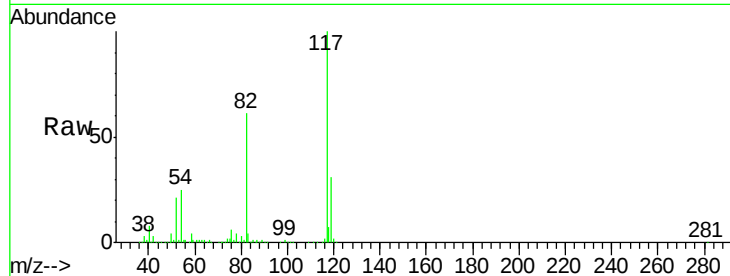




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009014.D
Acq: 17 Apr 2019 15:00

Instrument :
MSVOA_X
ClientSampled :
Z3-TB09-190415

Tot Ion:117 Resp: 353507
Ion Ratio Lower Upper
117 100
82 60.8 48.2 72.4
119 31.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009014.D
Acq: 17 Apr 2019 15:00

Tgt Ion:152 Resp: 149104
Ion Ratio Lower Upper
152 100
115 58.8 41.4 124.2
150 157.6 0.0 349.8

