

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011447.D
 Acq On : 11 Aug 2019 22:28
 Operator : JC/SP
 Sample : VX0811WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBL02

Quant Time: Aug 12 08:06:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118439	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	103708	52.48	ug/l	0.00
Spiked Amount						
			Recovery	=	104.96%	
35) Dibromofluoromethane	5.49	113	88771	46.78	ug/l	0.00
Spiked Amount						
			Recovery	=	93.56%	
50) Toluene-d8	8.71	98	339863	47.45	ug/l	0.00
Spiked Amount						
			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.13	95	112966	44.18	ug/l	0.00
Spiked Amount						
			Recovery	=	88.36%	

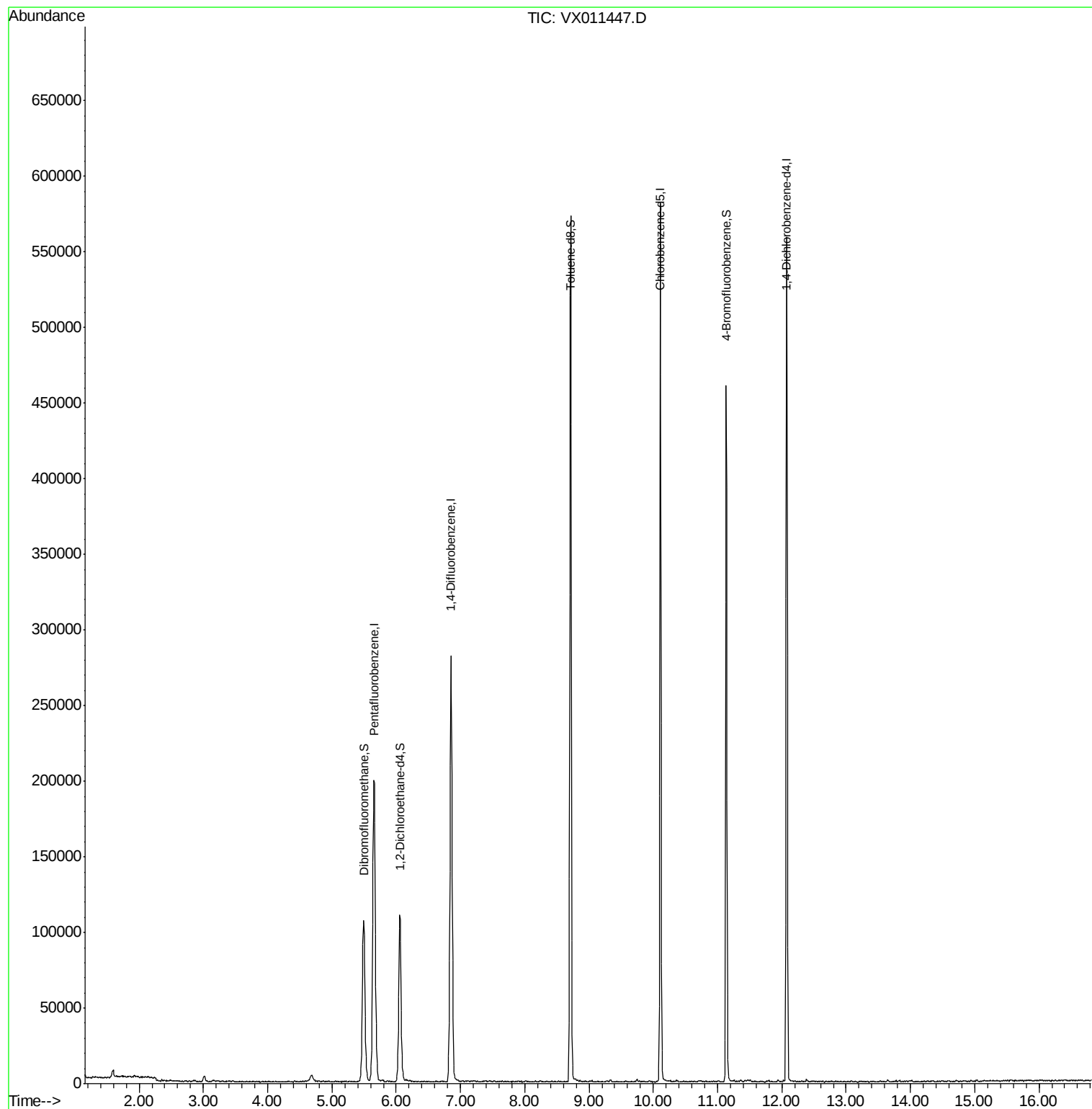
Target Compounds	Qvalue

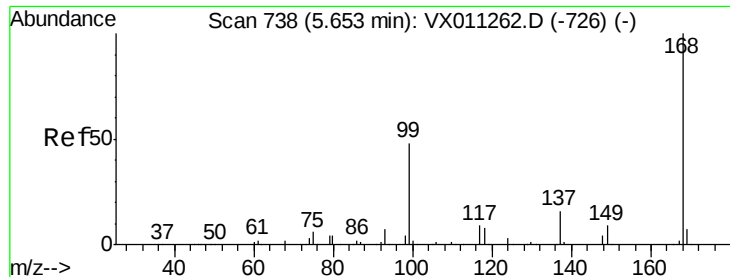
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011447.D

Acq: 11 Aug 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

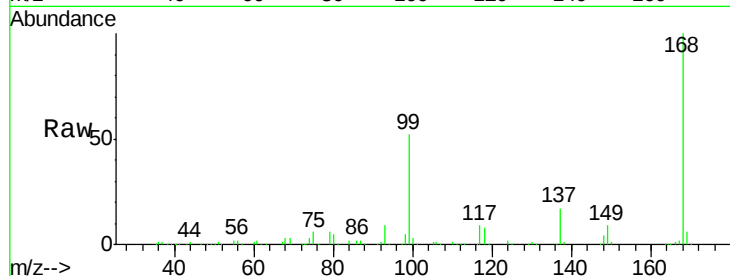
VX0811WBL02

Tot Ion:168 Resp: 196236

Ion Ratio Lower Upper

168 100

99 51.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

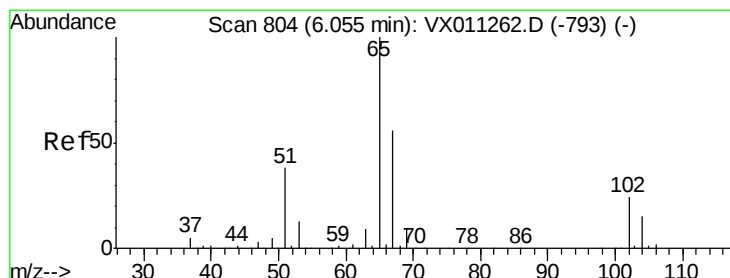
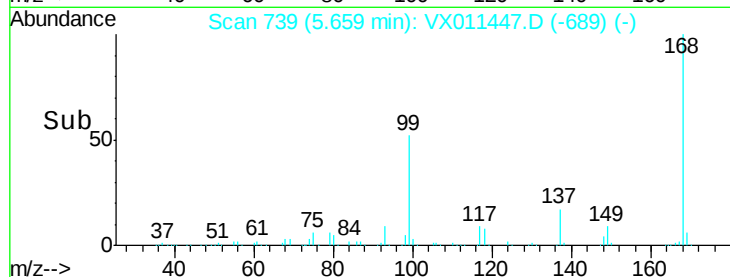
40000

20000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.478 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011447.D

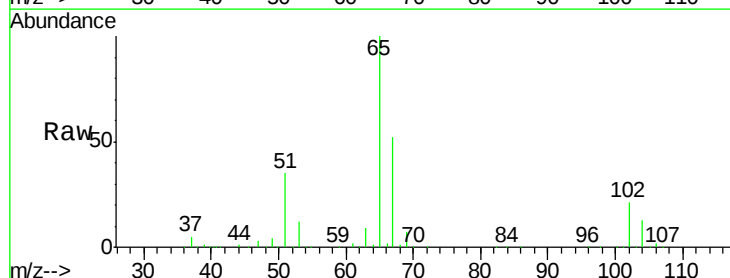
Acq: 11 Aug 2019 22:28

Tgt Ion: 65 Resp: 103708

Ion Ratio Lower Upper

65 100

67 53.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

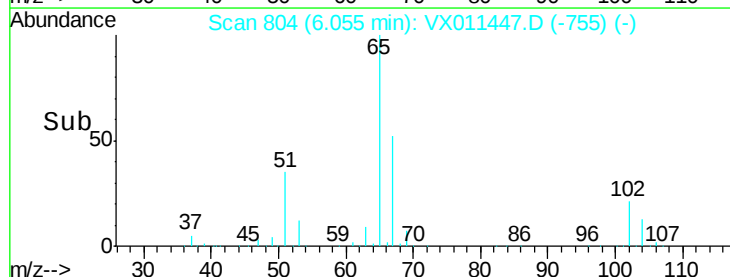
20000

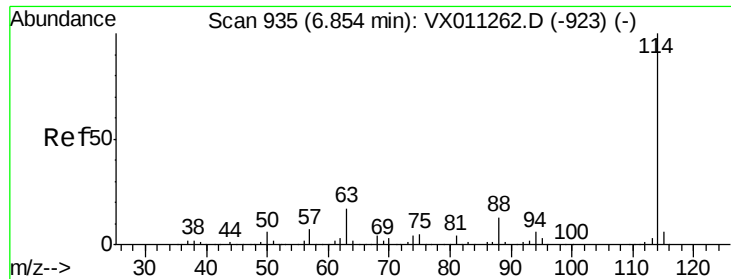
10000

0

5.90 6.00 6.10 6.20

Time-->

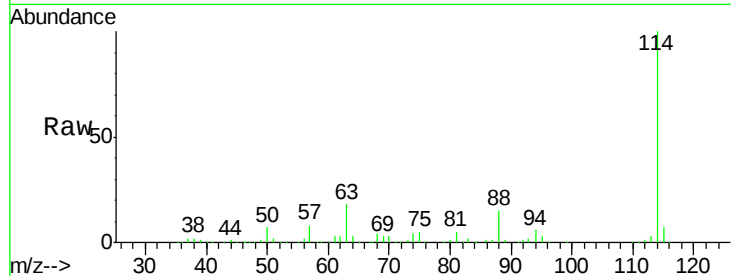




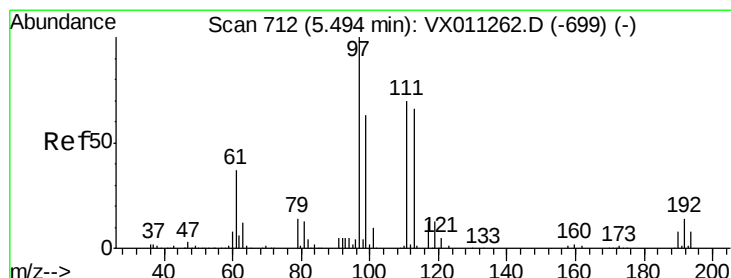
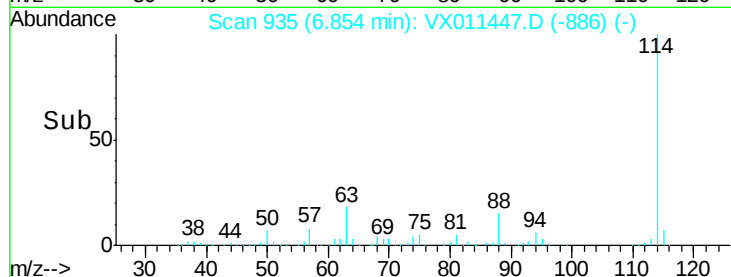
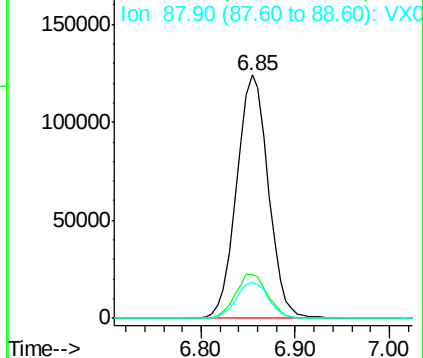
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011447.D
 Acq: 11 Aug 2019 22:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0811WBL02

Tot Ion:114 Resp: 290639
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.0
 88 15.1 0.0 26.4

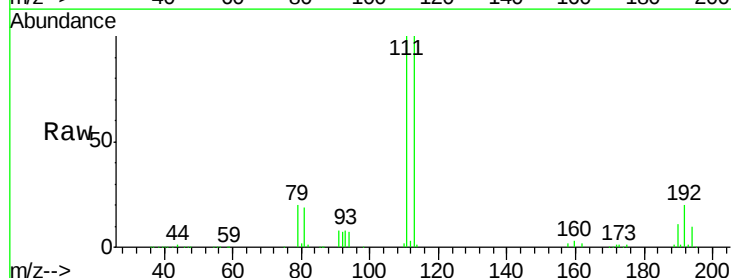


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

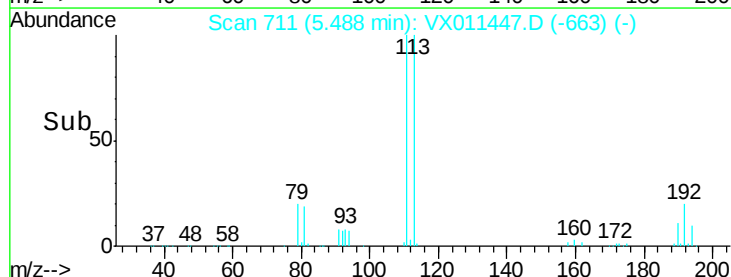
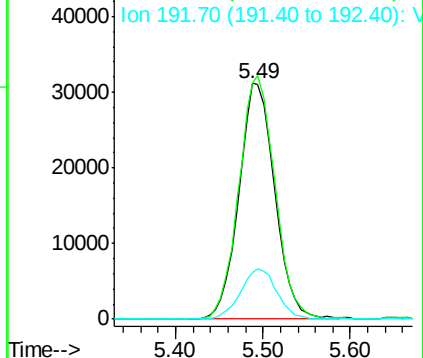


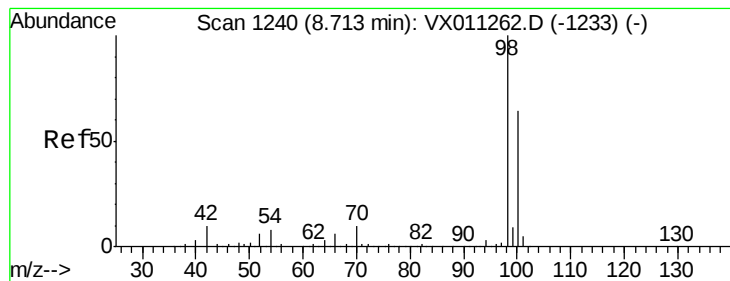
#35
 Dibromofluoromethane
 Concen: 46.783 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011447.D
 Acq: 11 Aug 2019 22:28

Tgt Ion:113 Resp: 88771
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.9 122.9
 192 21.5 17.8 26.8



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: 47.450 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011447.D

Acq: 11 Aug 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

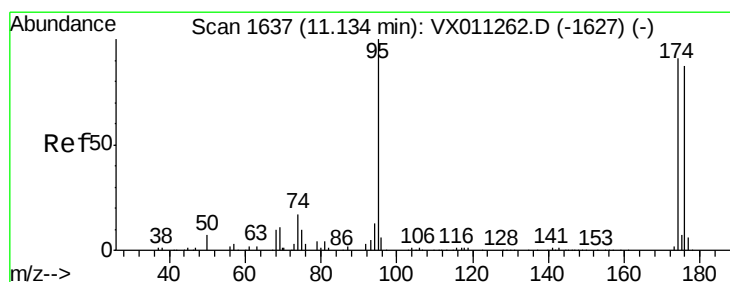
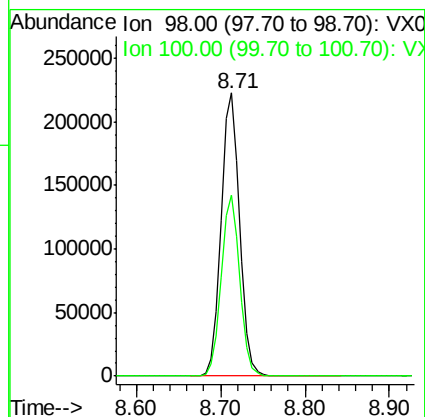
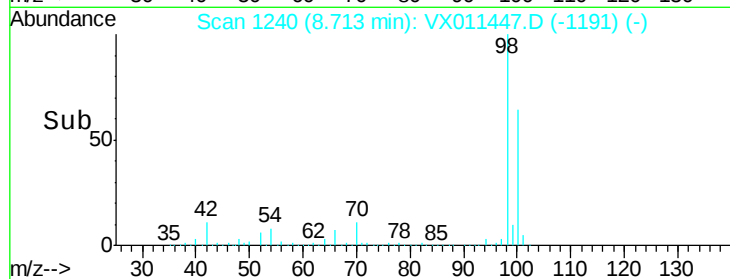
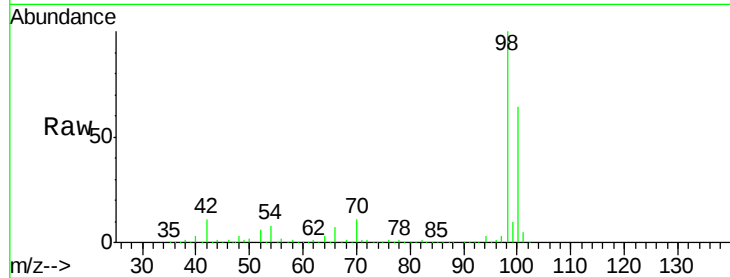
VX0811WBL02

Tot Ion: 98 Resp: 339863

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 44.175 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011447.D

Acq: 11 Aug 2019 22:28

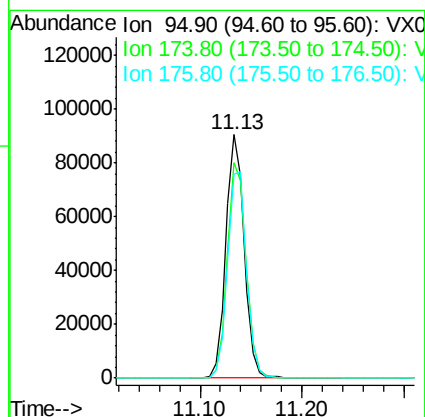
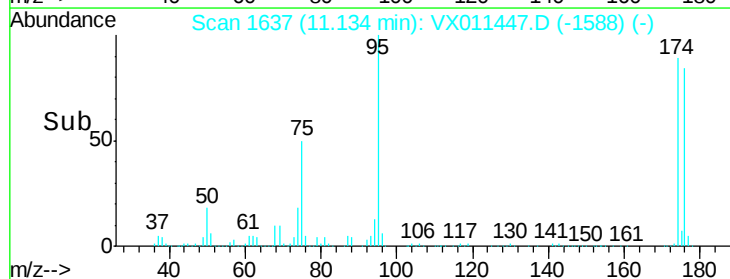
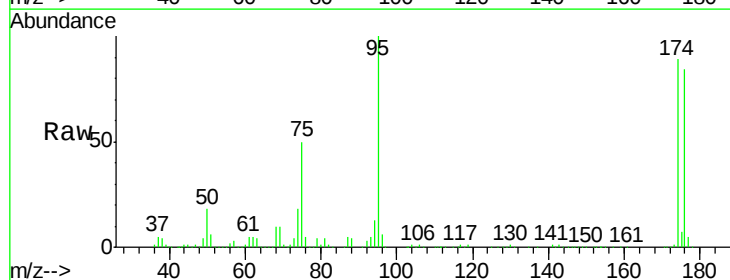
Tgt Ion: 95 Resp: 112966

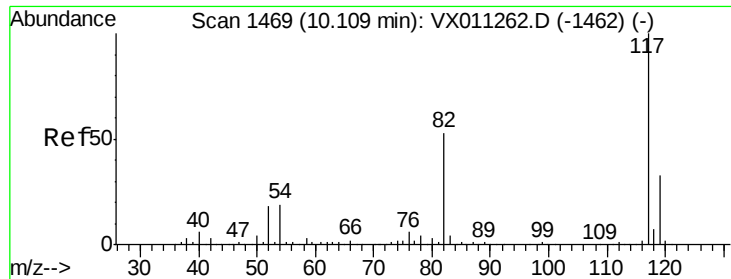
Ion Ratio Lower Upper

95 100

174 90.6 0.0 191.2

176 87.5 0.0 184.8

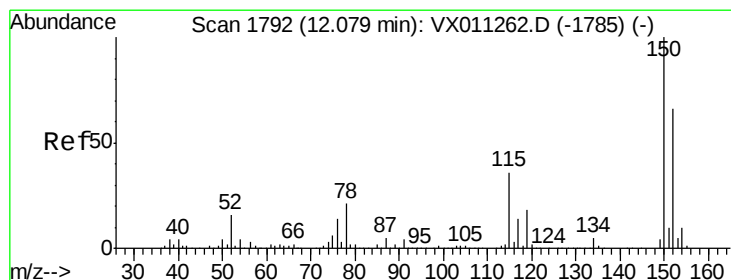
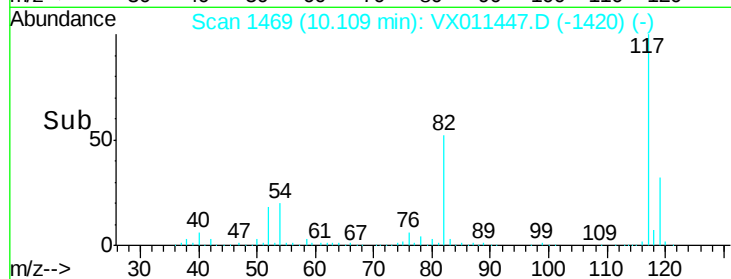
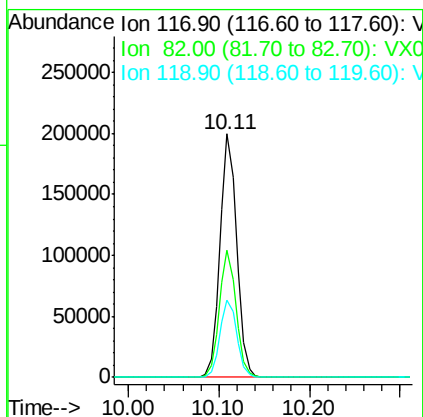
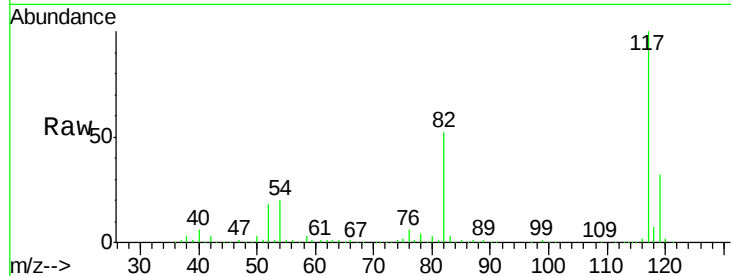




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011447.D
Acq: 11 Aug 2019 22:28

Instrument :
MSVOA_X
ClientSampled :
VX0811WBL02

Tot Ion:117 Resp: 258128
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011447.D
Acq: 11 Aug 2019 22:28

Tgt Ion:152 Resp: 118439
Ion Ratio Lower Upper
152 100
115 55.6 40.0 119.9
150 157.6 0.0 350.4

