

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011849.D
 Acq On : 27 Aug 2019 14:53
 Operator : JC/SP
 Sample : K4555-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-1

Quant Time: Aug 28 03:47:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	426565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	586803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	522174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	258051	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	215575	50.31	ug/l	0.00
Spiked Amount						
			Recovery	=	100.62%	
35) Dibromofluoromethane	5.49	113	181991	47.96	ug/l	0.00
Spiked Amount						
			Recovery	=	95.92%	
50) Toluene-d8	8.71	98	667028	50.40	ug/l	0.00
Spiked Amount						
			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.13	95	247721	47.35	ug/l	0.00
Spiked Amount						
			Recovery	=	94.70%	

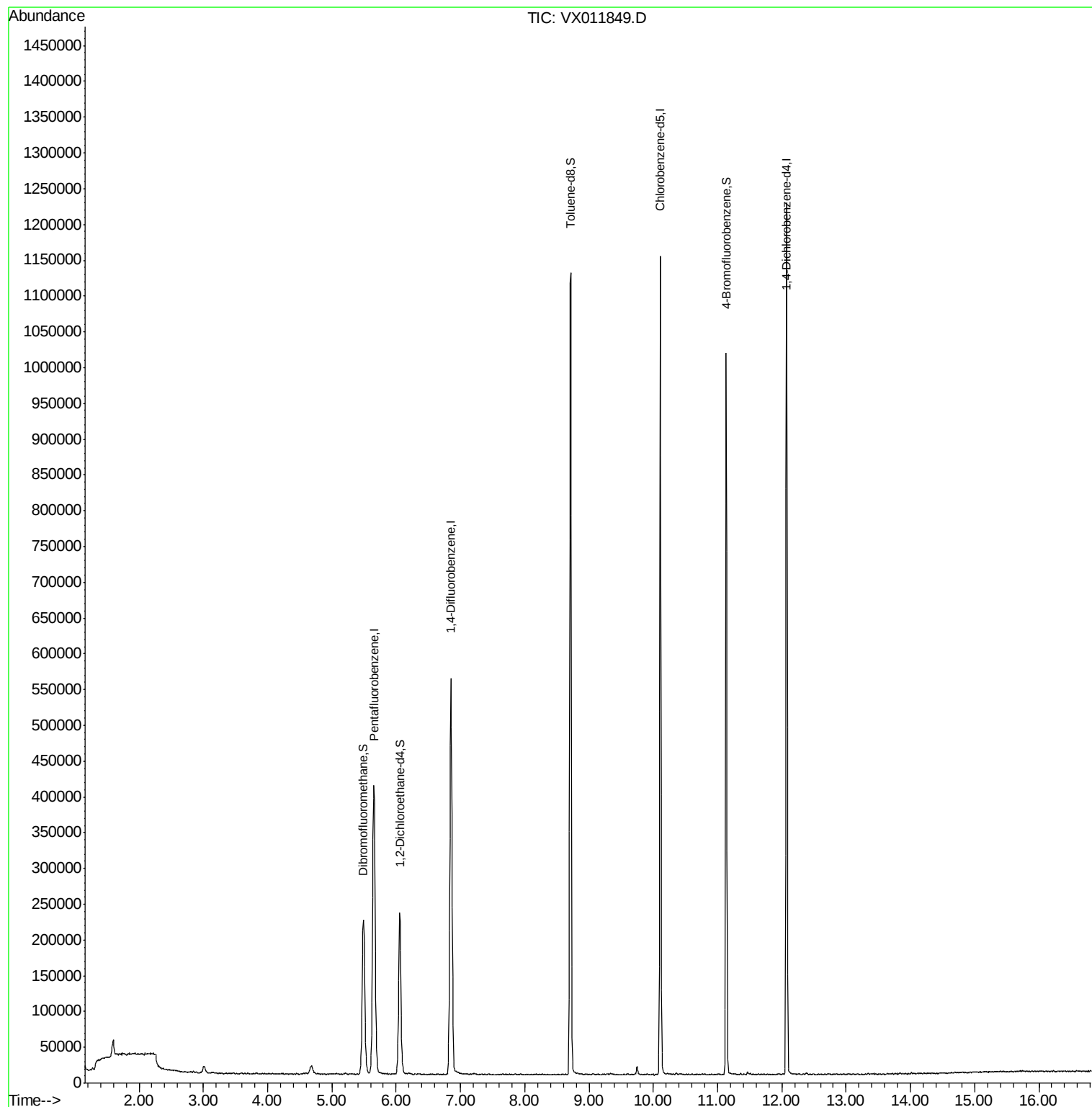
Target Compounds	Qvalue

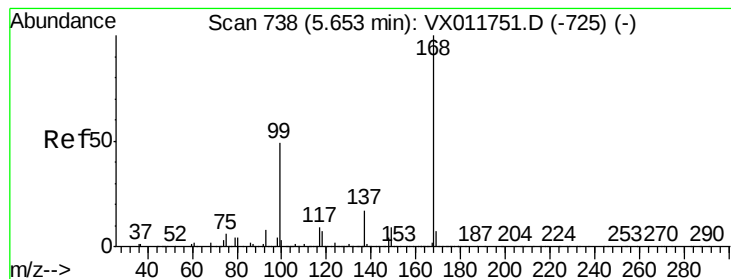
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011849.D

Acq: 27 Aug 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

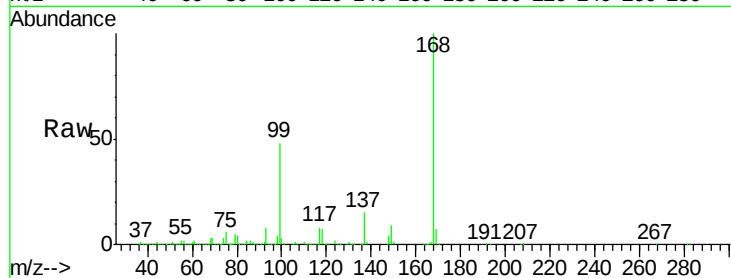
TB-1

Tot Ion:168 Resp: 426565

Ion Ratio Lower Upper

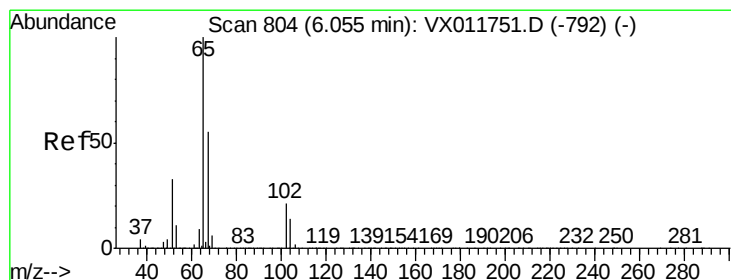
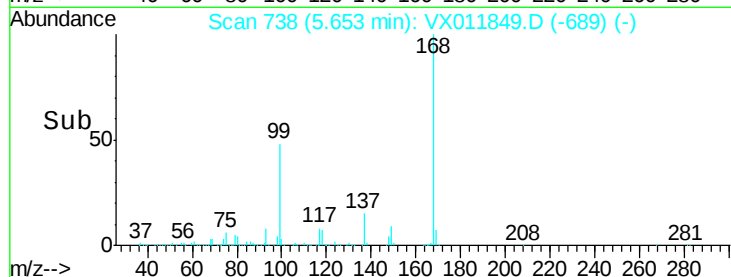
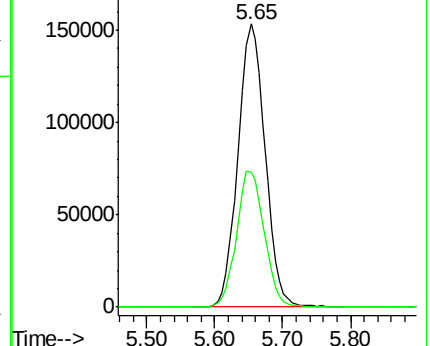
168 100

99 47.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.308 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011849.D

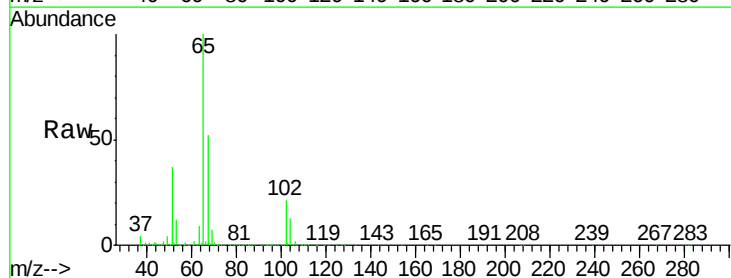
Acq: 27 Aug 2019 14:53

Tgt Ion: 65 Resp: 215575

Ion Ratio Lower Upper

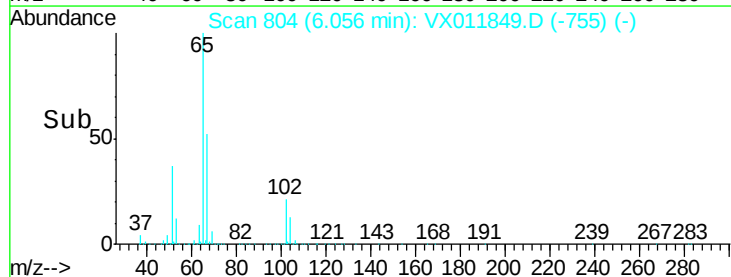
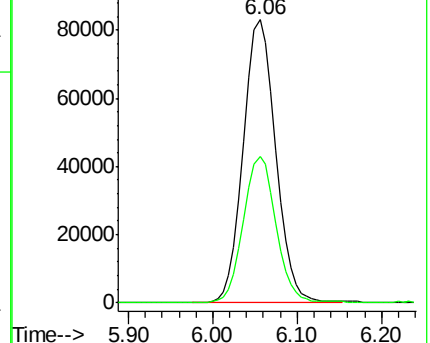
65 100

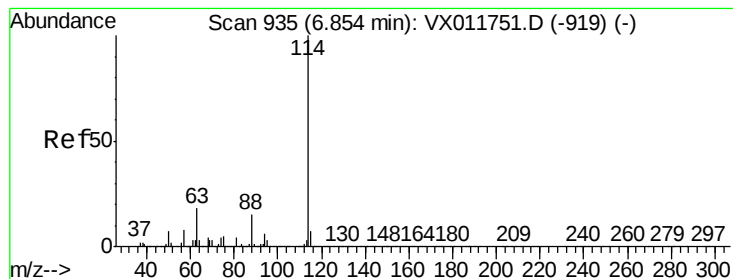
67 51.8 0.0 107.8



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: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011849.D

Acq: 27 Aug 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

TB-1

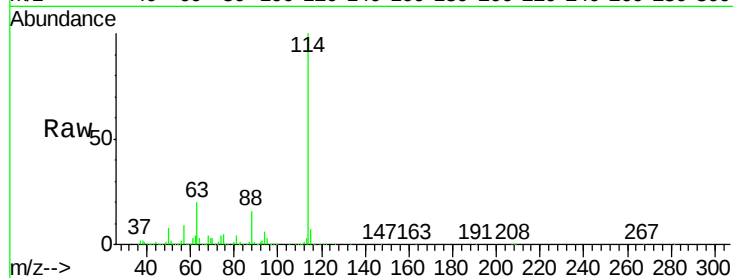
Tot Ion:114 Resp: 586803

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 15.9 0.0 30.2



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

300000

250000

200000

150000

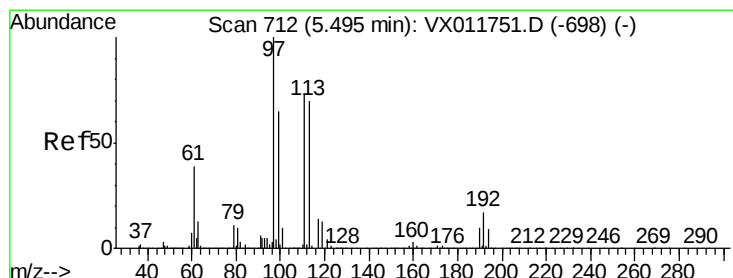
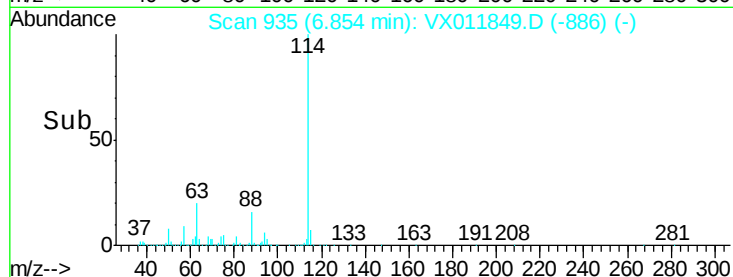
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 47.962 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011849.D

Acq: 27 Aug 2019 14:53

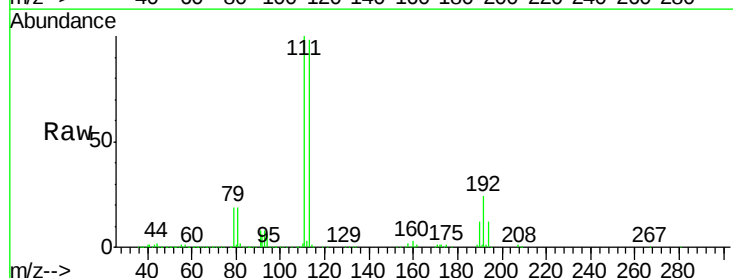
Tgt Ion:113 Resp: 181991

Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.4

192 25.6 19.9 29.9



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

80000

60000

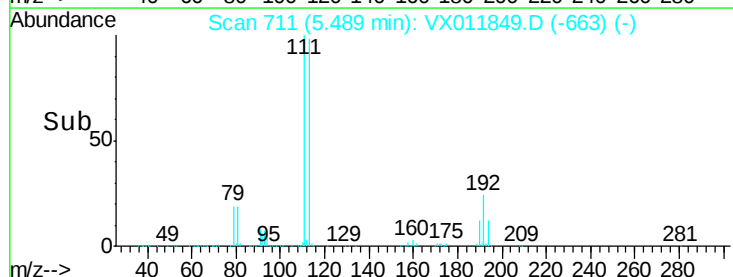
40000

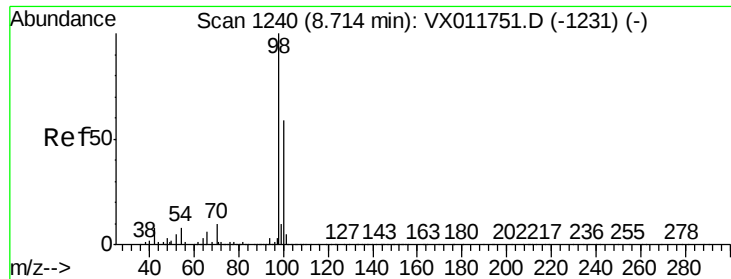
20000

0

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 50.398 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011849.D

Acq: 27 Aug 2019 14:53

Instrument :

MSVOA_X

ClientSampleId :

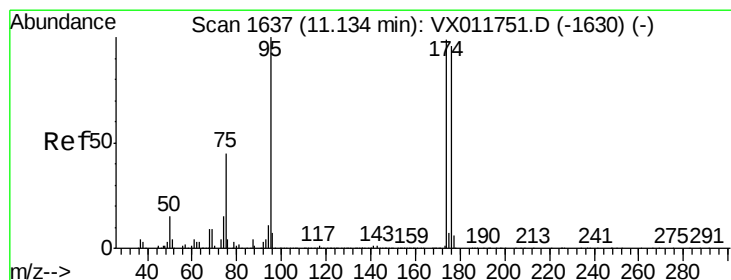
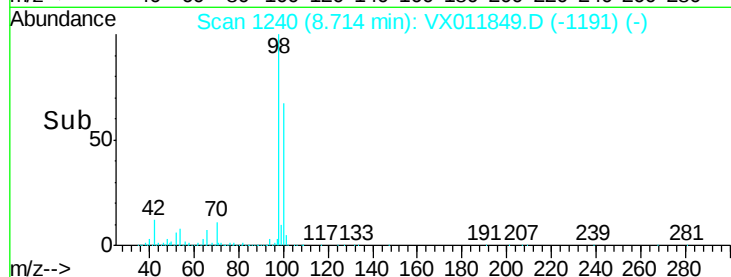
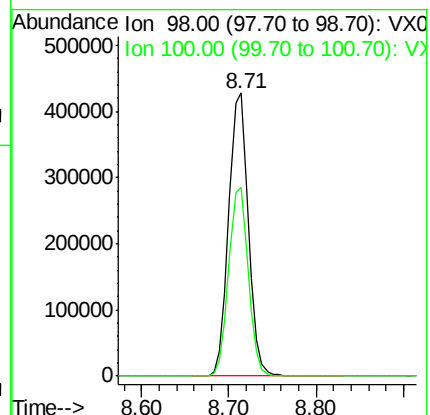
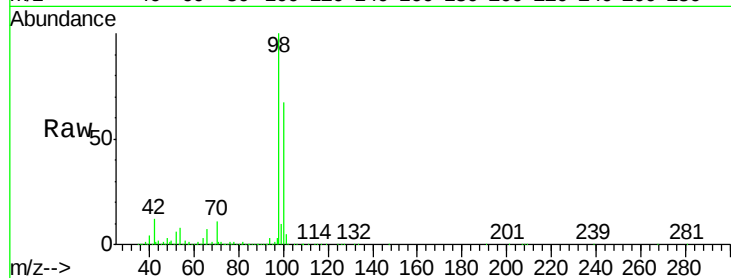
TB-1

Tot Ion: 98 Resp: 667028

Ion Ratio Lower Upper

98 100

100 66.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 47.353 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011849.D

Acq: 27 Aug 2019 14:53

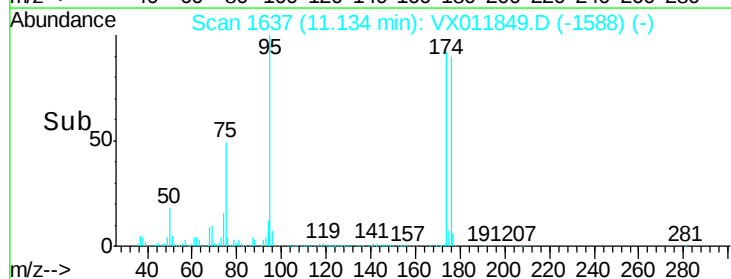
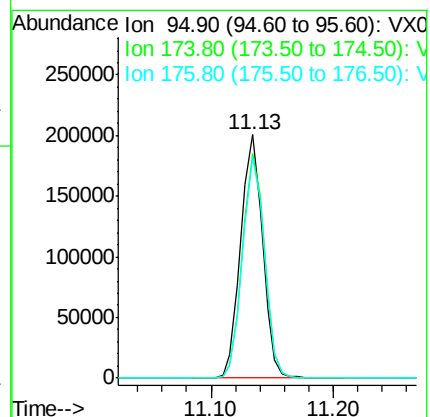
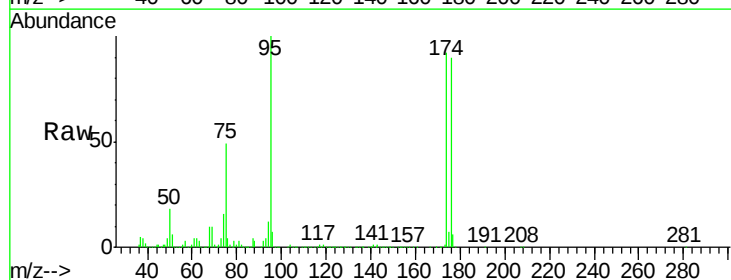
Tgt Ion: 95 Resp: 247721

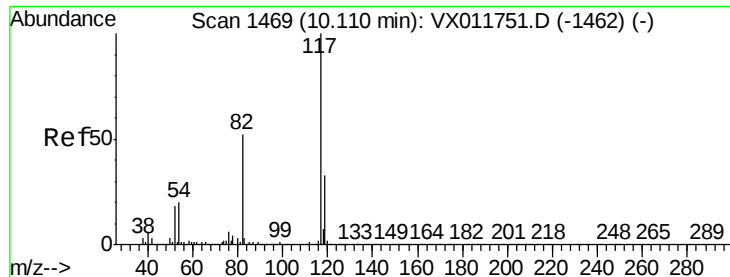
Ion Ratio Lower Upper

95 100

174 93.5 0.0 197.4

176 91.2 0.0 194.4

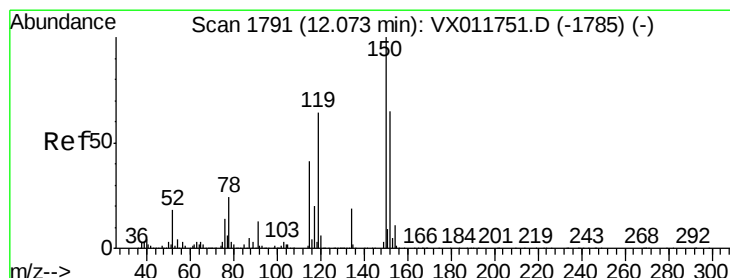
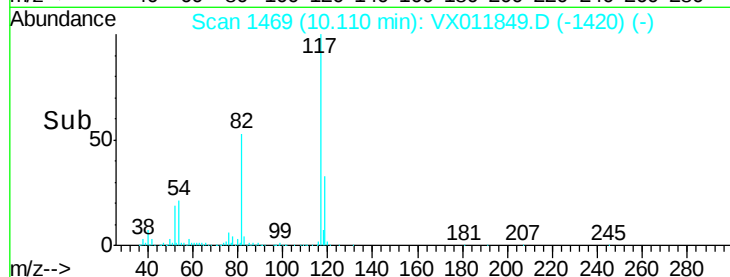
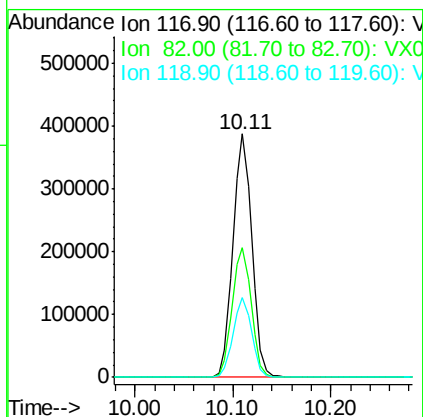
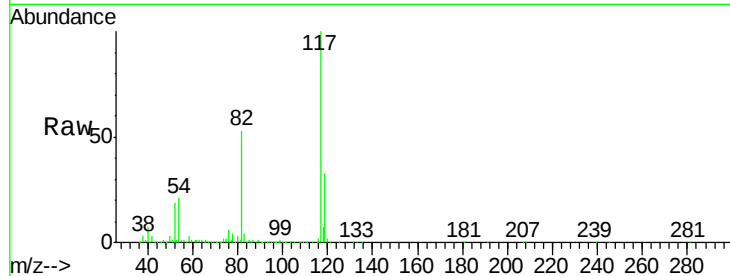




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011849.D
Acq: 27 Aug 2019 14:53

Instrument :
MSVOA_X
ClientSampled :
TB-1

Tot Ion:117 Resp: 522174
Ion Ratio Lower Upper
117 100
82 53.4 41.7 62.5
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011849.D
Acq: 27 Aug 2019 14:53

Tgt Ion:152 Resp: 258051
Ion Ratio Lower Upper
152 100
115 54.5 37.3 111.8
150 155.5 0.0 343.0

