

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011576.D
 Acq On : 16 Aug 2019 13:16
 Operator : JC/SP
 Sample : K4351-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PH2-TB-2019-1

Quant Time: Aug 19 01:35:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	430486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	604914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	525374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	264747	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	207008	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	5.49	113	180237	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
50) Toluene-d8	8.71	98	681366	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
62) 4-Bromofluorobenzene	11.13	95	238049	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	

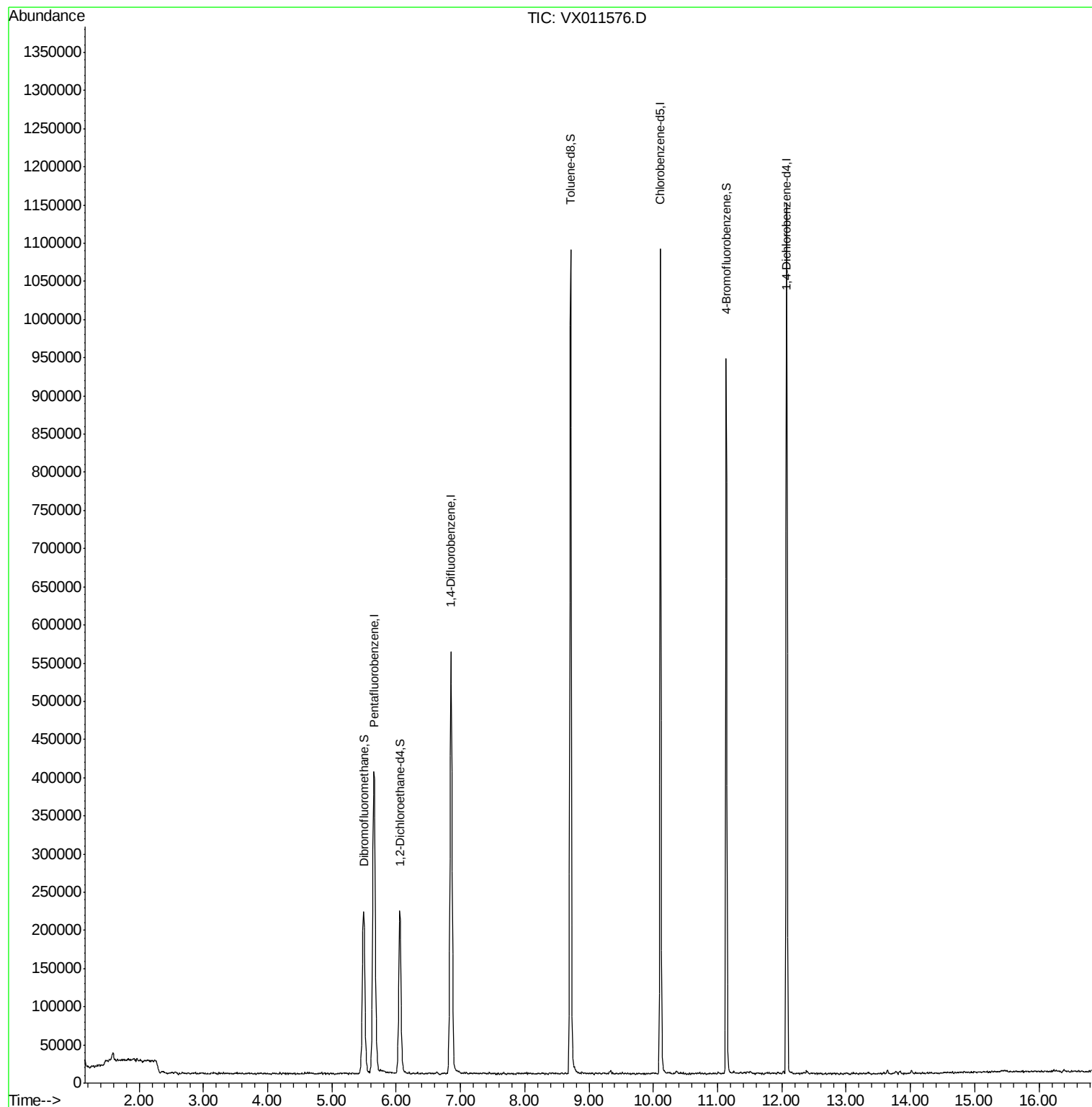
Target Compounds	Qvalue

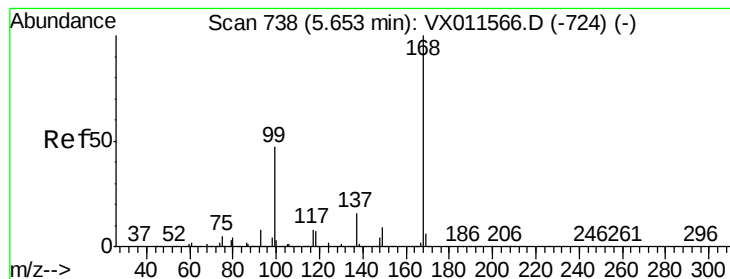
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011576.D

Acq: 16 Aug 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

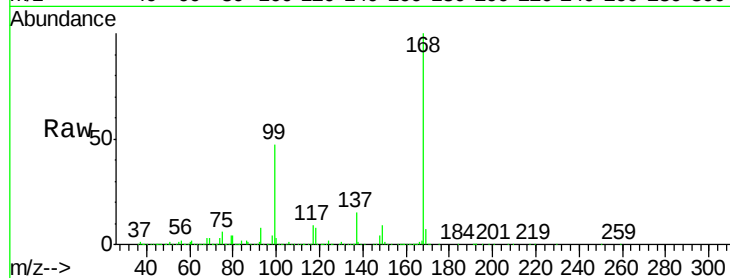
PH2-TB-2019-1

Tot Ion:168 Resp: 430486

Ion Ratio Lower Upper

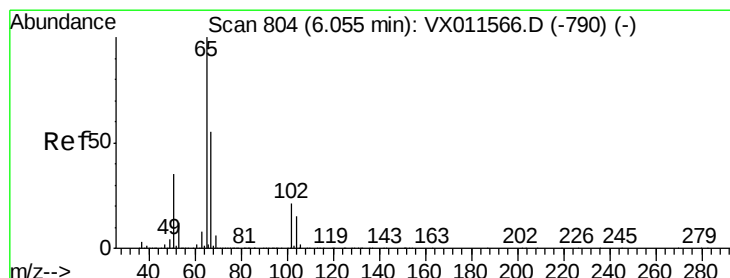
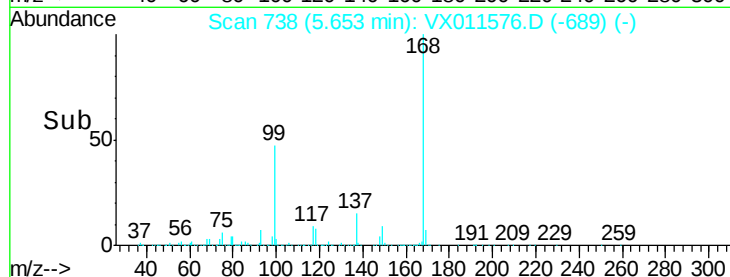
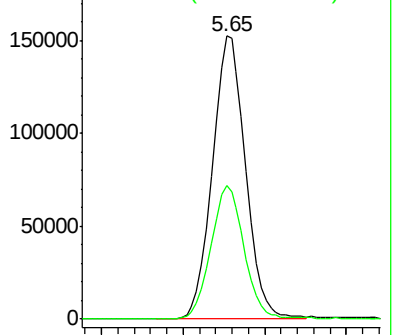
168 100

99 47.1 37.3 55.9



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: 51.853 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011576.D

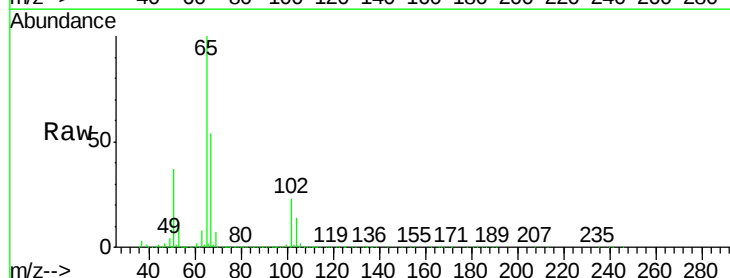
Acq: 16 Aug 2019 13:16

Tgt Ion: 65 Resp: 207008

Ion Ratio Lower Upper

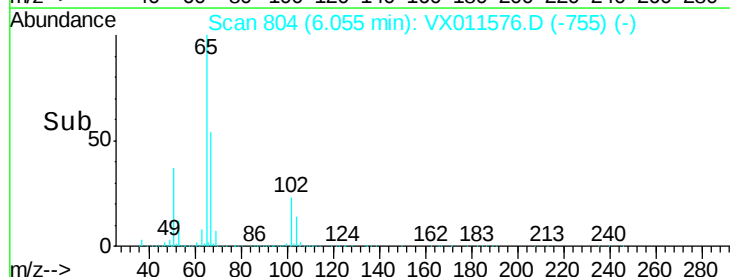
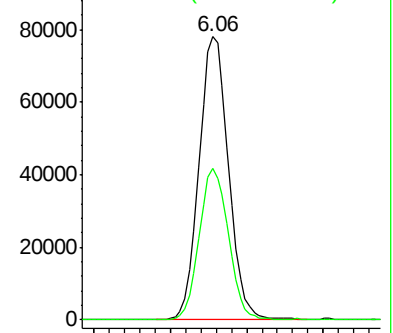
65 100

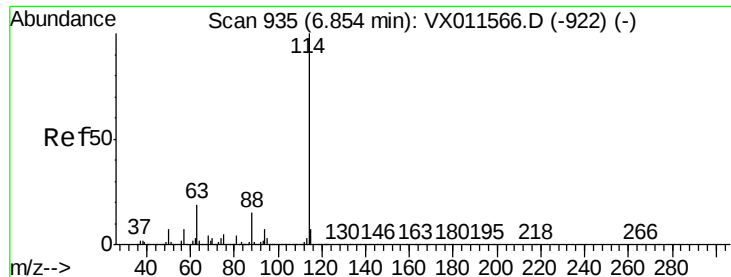
67 53.0 0.0 107.6



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: VX011576.D

Acq: 16 Aug 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

PH2-TB-2019-1

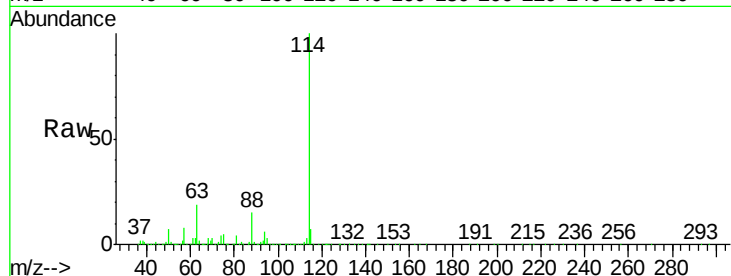
Tot Ion:114 Resp: 604914

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.8

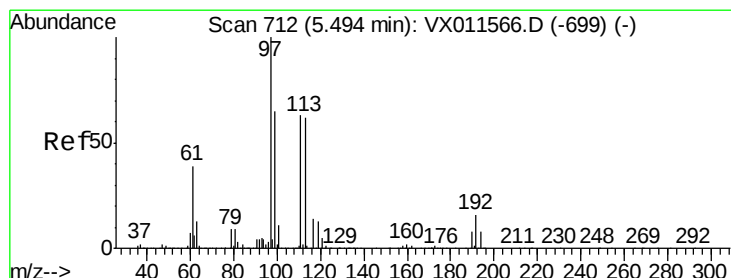
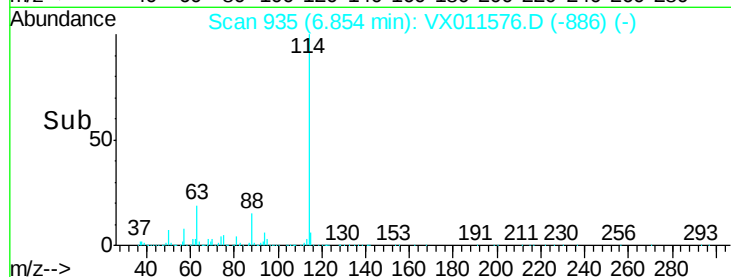
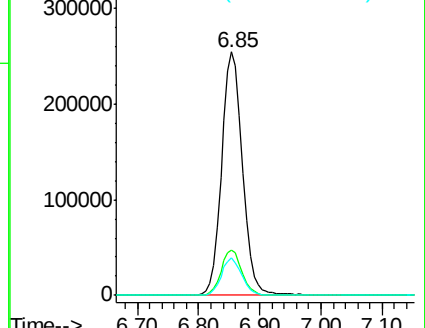
88 15.3 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 45.554 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011576.D

Acq: 16 Aug 2019 13:16

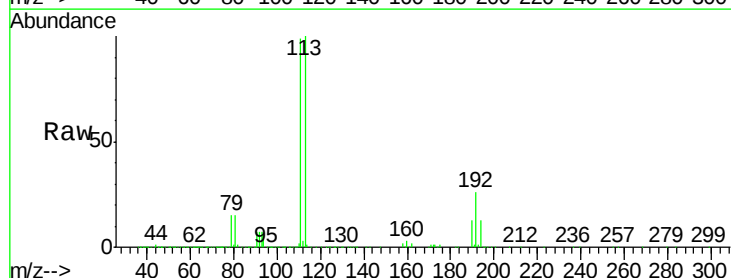
Tgt Ion:113 Resp: 180237

Ion Ratio Lower Upper

113 100

111 103.5 81.1 121.7

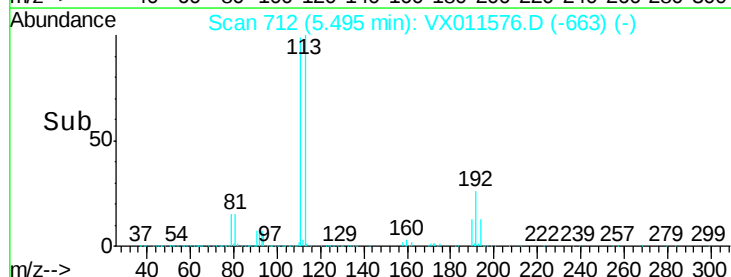
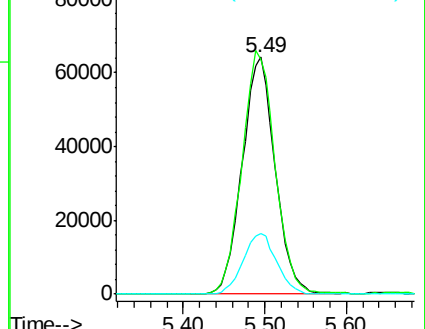
192 25.9 20.8 31.2

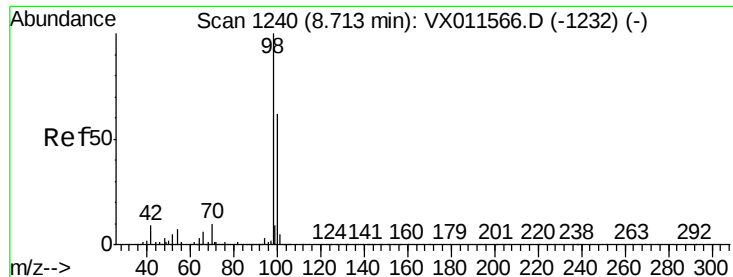


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.270 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011576.D

Acq: 16 Aug 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

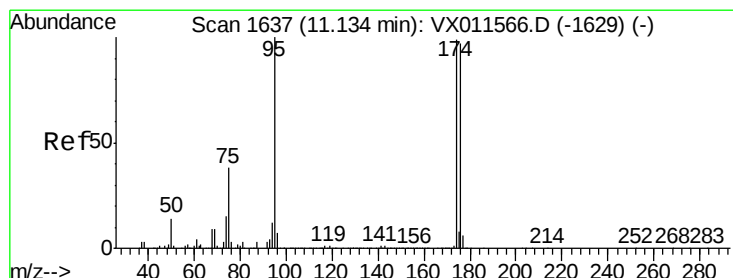
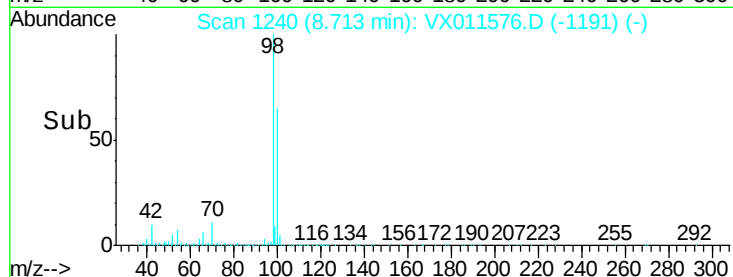
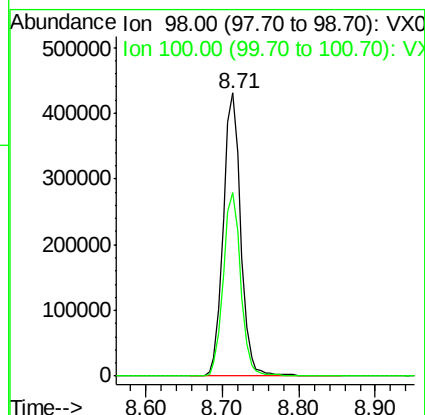
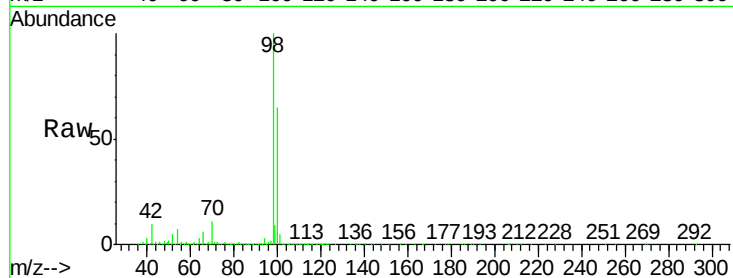
PH2-TB-2019-1

Tot Ion: 98 Resp: 681366

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 45.748 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011576.D

Acq: 16 Aug 2019 13:16

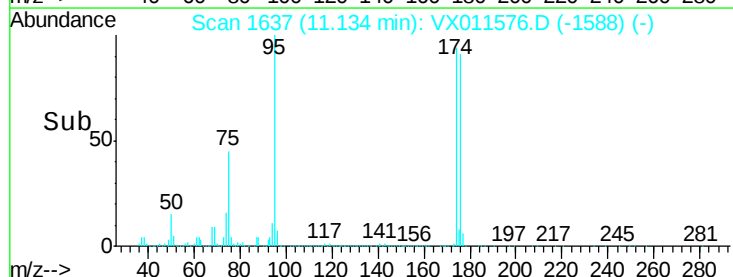
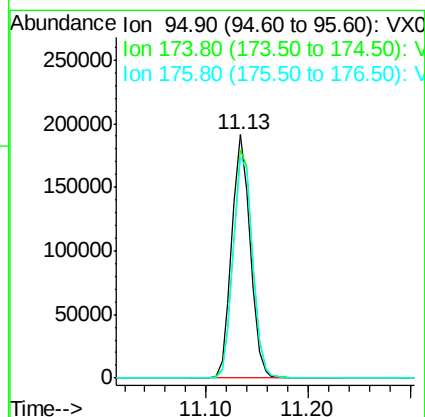
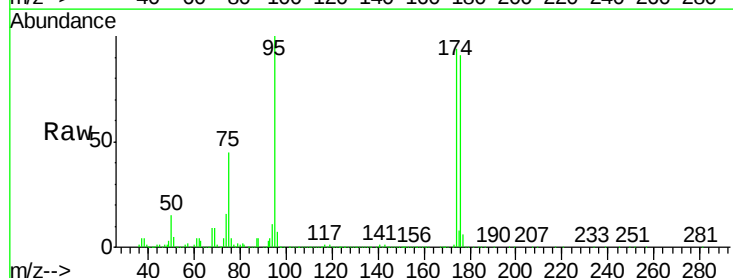
Tgt Ion: 95 Resp: 238049

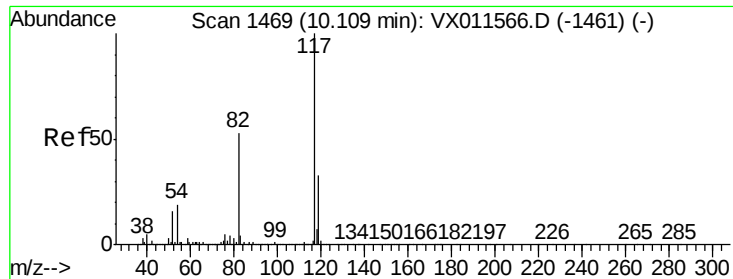
Ion Ratio Lower Upper

95 100

174 97.7 0.0 200.6

176 95.2 0.0 196.6

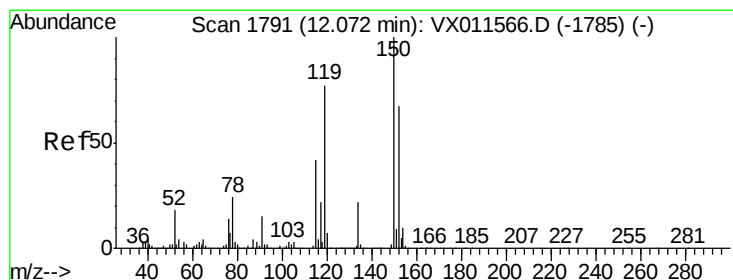
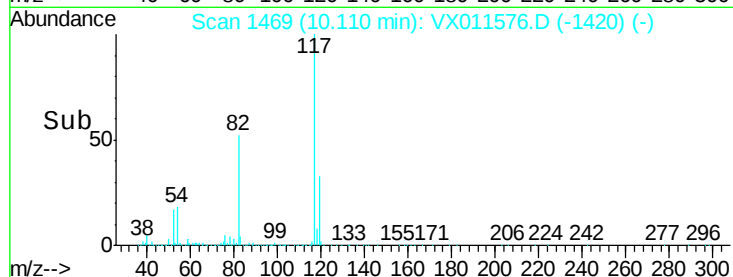
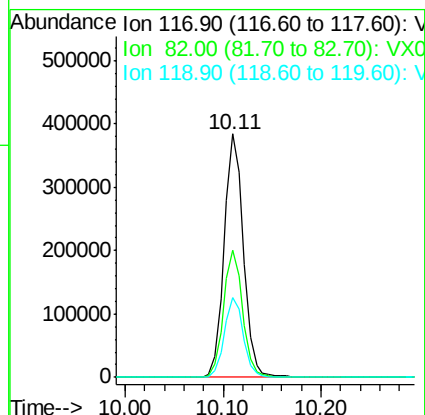
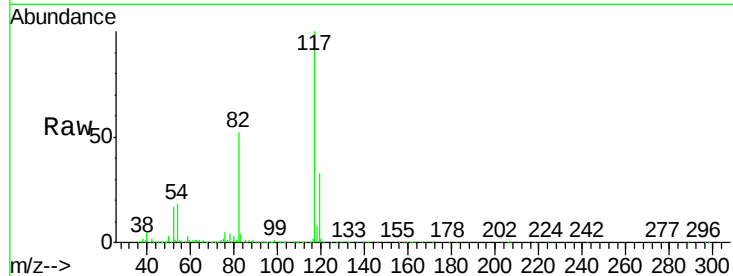




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011576.D
Acq: 16 Aug 2019 13:16

Instrument :
MSVOA_X
ClientSampleId :
PH2-TB-2019-1

Tot Ion:117 Resp: 525374
Ion Ratio Lower Upper
117 100
82 52.2 42.0 63.0
119 32.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011576.D
Acq: 16 Aug 2019 13:16

Tgt Ion:152 Resp: 264747
Ion Ratio Lower Upper
152 100
115 52.0 37.3 111.9
150 152.8 0.0 346.2

