

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013572.D
 Acq On : 23 Nov 2019 07:06
 Operator : JC/SP
 Sample : K5968-12 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140B-20191121

Quant Time: Nov 25 07:12:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	626200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1032910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	927811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	419958	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	380068	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
35) Dibromofluoromethane	5.49	113	308392	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	8.71	98	1229460	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.14	95	407508	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	

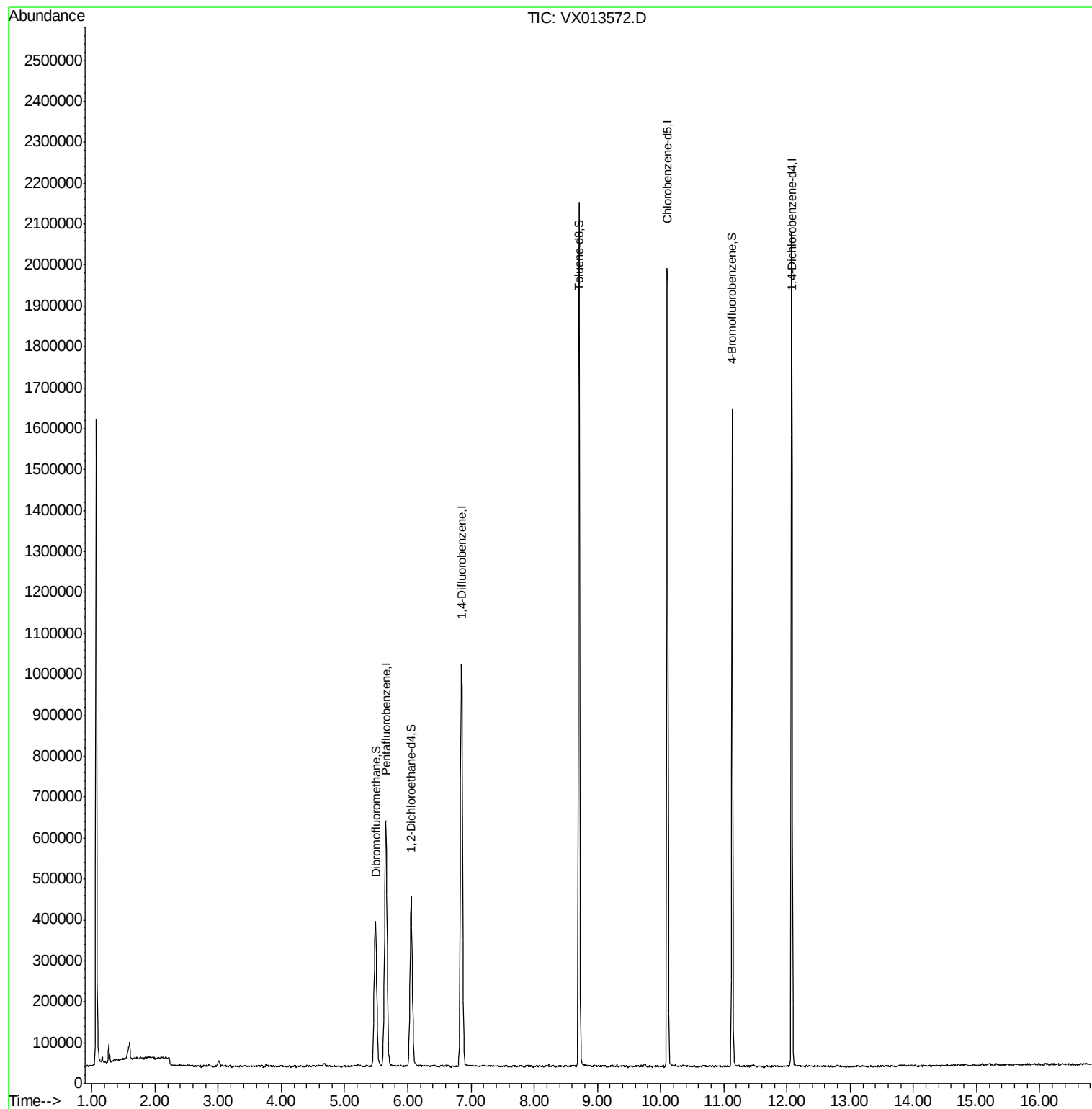
Target Compounds	Qvalue

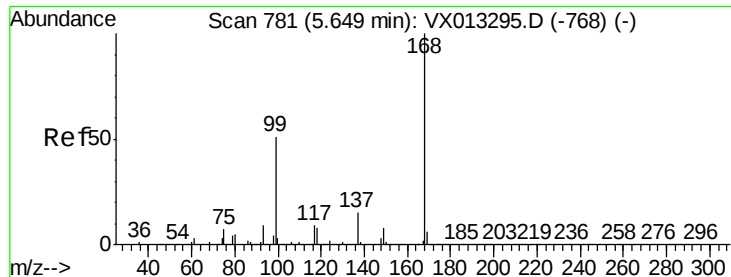
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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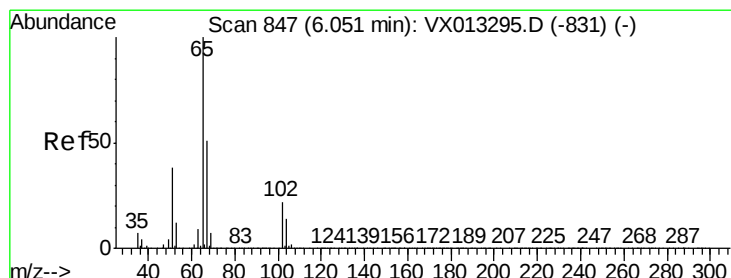
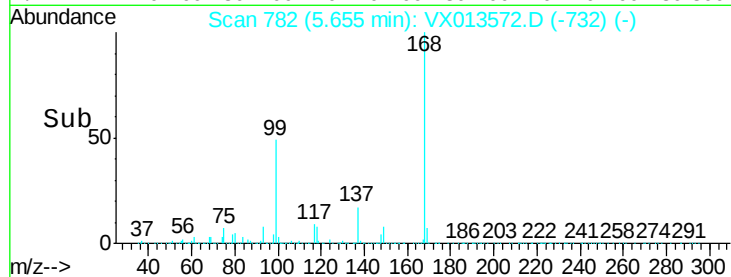
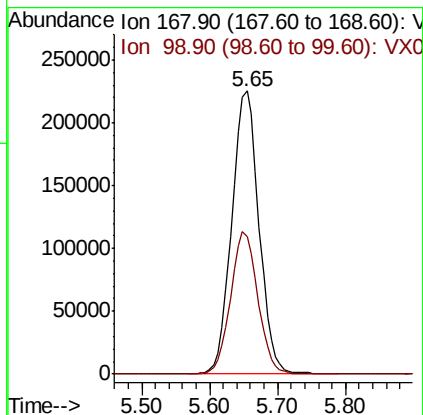
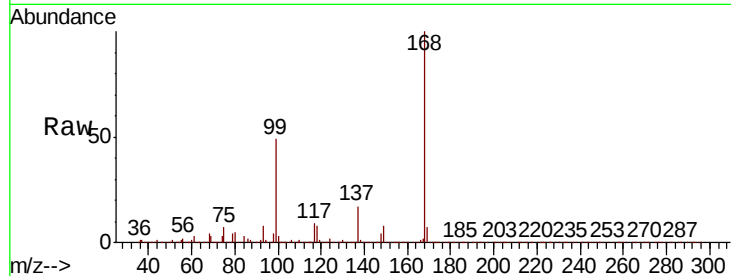


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013572.D
 Acq: 23 Nov 2019 07:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140B-20191121

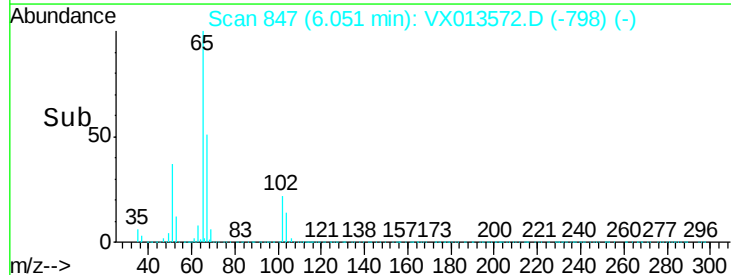
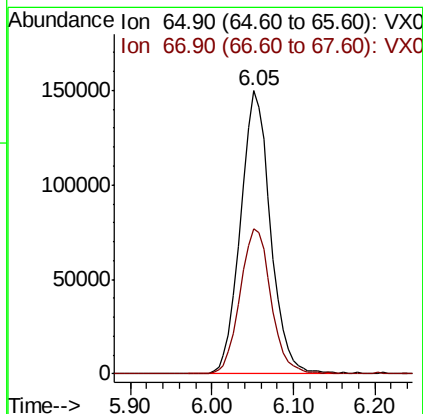
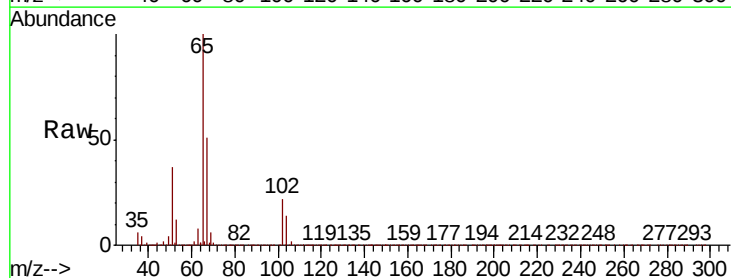
Tot Ion:168 Resp: 626200
 Ion Ratio Lower Upper
 168 100
 99 48.7 40.8 61.2

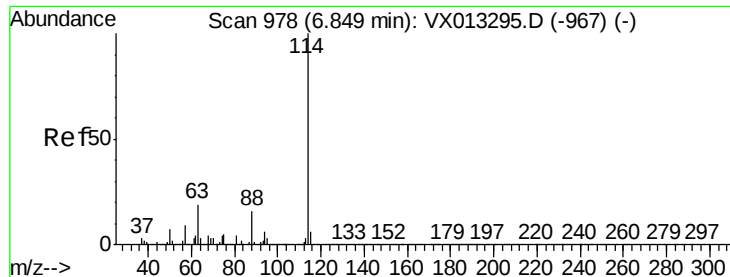


#33

1,2-Dichloroethane-d4
 Concen: 51.232 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013572.D
 Acq: 23 Nov 2019 07:06

Tgt Ion: 65 Resp: 380068
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013572.D

Acq: 23 Nov 2019 07:06

Instrument :

MSVOA_X

ClientSampleId :

MH-140B-20191121

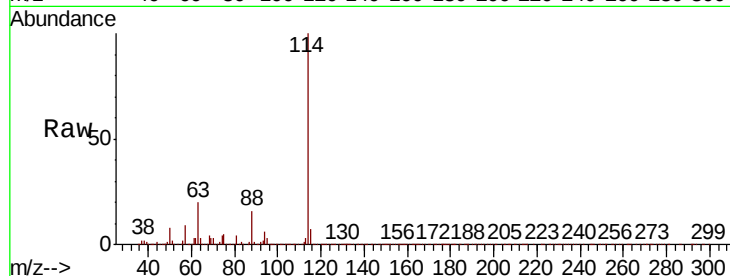
Tot Ion:114 Resp: 1032910

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

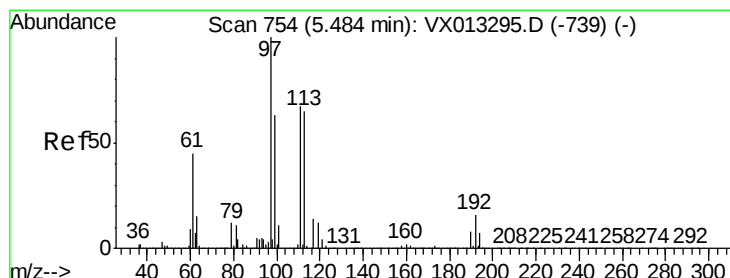
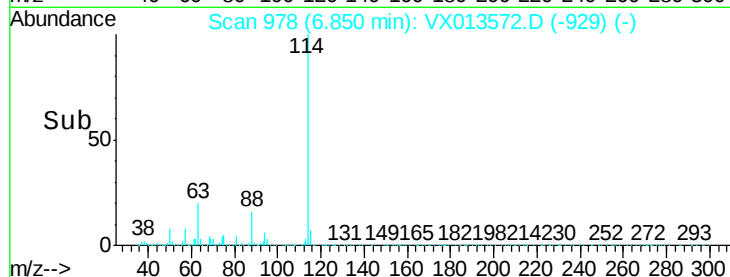
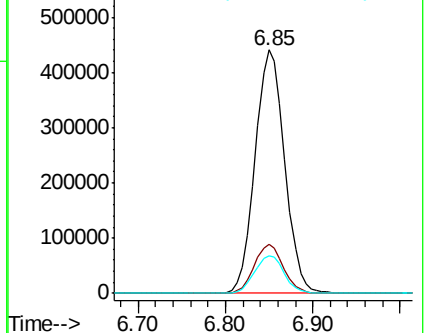
88 15.6 0.0 32.2



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: 47.602 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013572.D

Acq: 23 Nov 2019 07:06

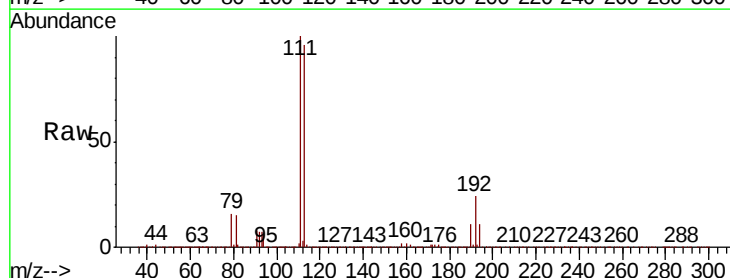
Tgt Ion:113 Resp: 308392

Ion Ratio Lower Upper

113 100

111 104.7 81.9 122.9

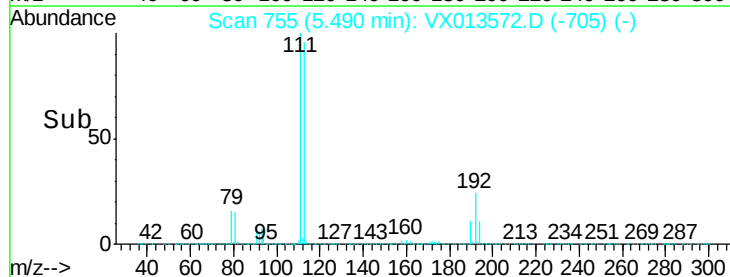
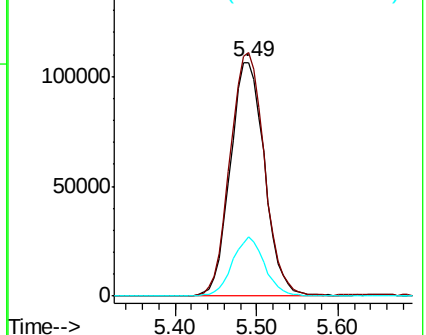
192 23.6 19.1 28.7

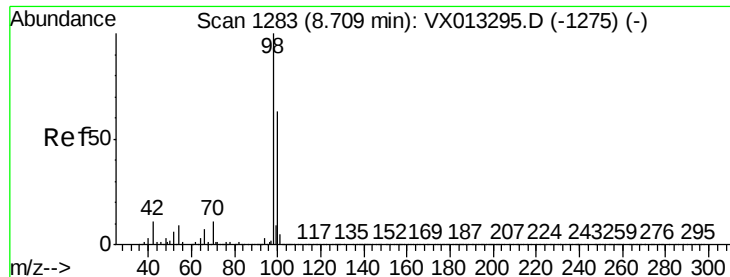


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.339 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013572.D

Acq: 23 Nov 2019 07:06

Instrument :

MSVOA_X

ClientSampleId :

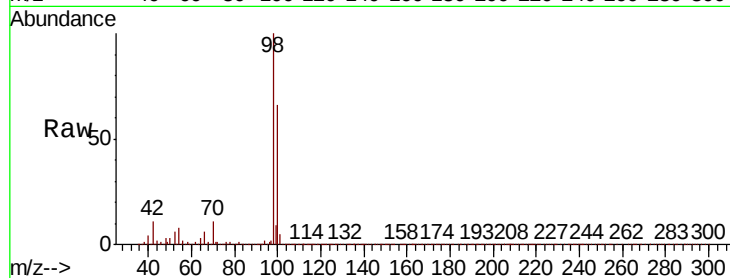
MH-140B-20191121

Tot Ion: 98 Resp: 1229460

Ion Ratio Lower Upper

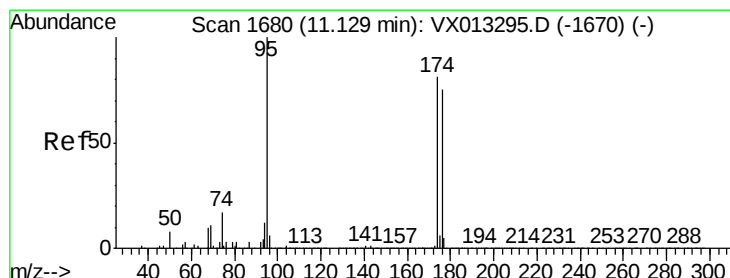
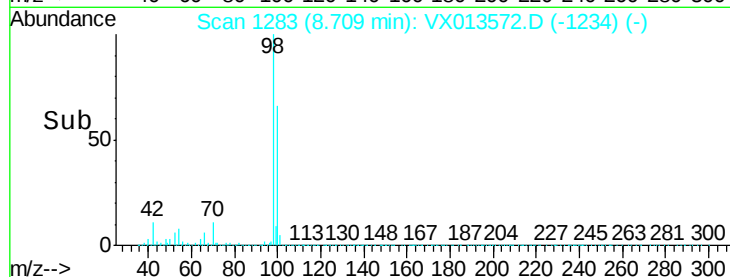
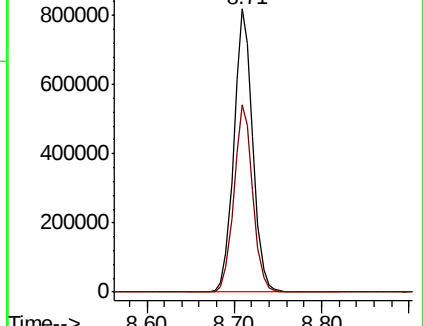
98 100

100 66.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.231 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013572.D

Acq: 23 Nov 2019 07:06

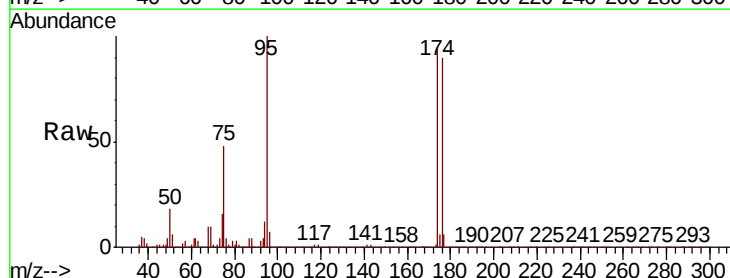
Tgt Ion: 95 Resp: 407508

Ion Ratio Lower Upper

95 100

174 90.9 0.0 179.8

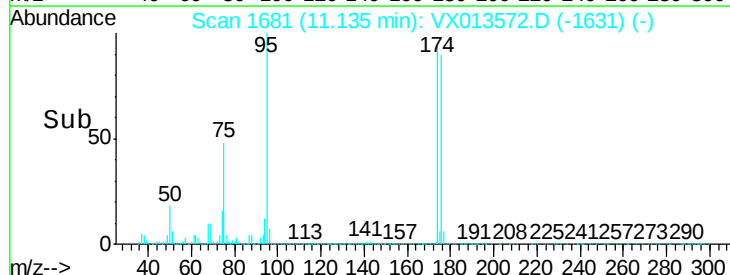
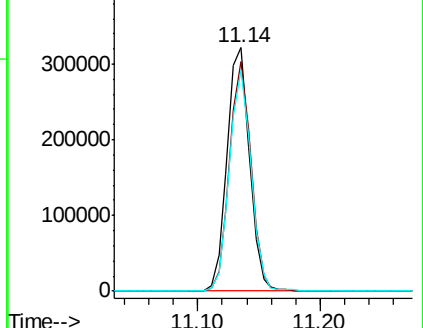
176 87.4 0.0 173.0

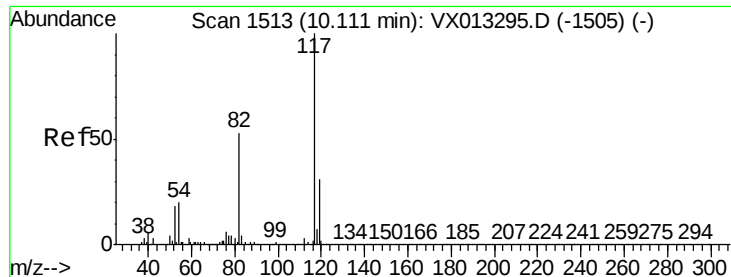


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

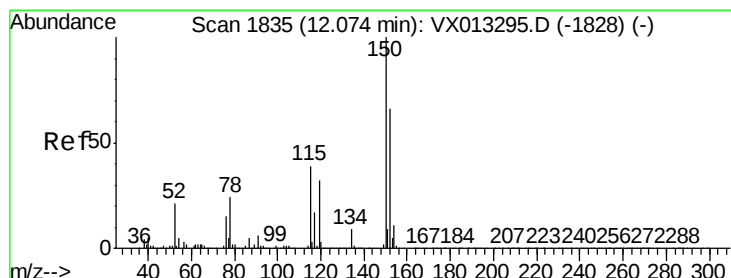
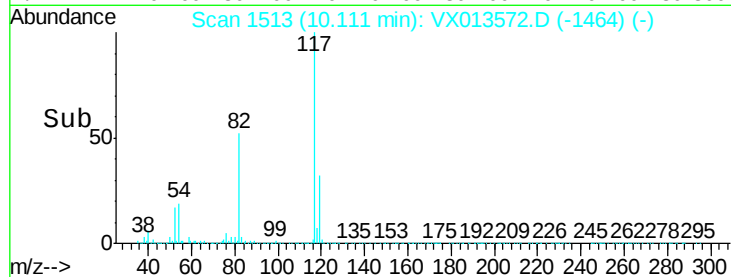
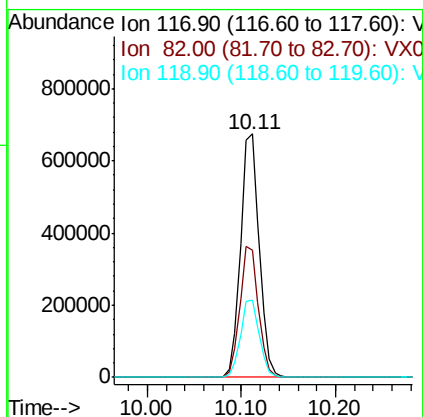
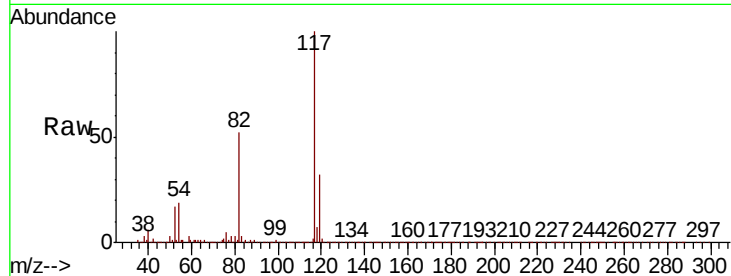




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013572.D
Acq: 23 Nov 2019 07:06

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20191121

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.6	64.0
119	31.6	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013572.D
Acq: 23 Nov 2019 07:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.5	118.3
150	156.9	0.0	344.4

