

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021820\
 Data File : VX014953.D
 Acq On : 18 Feb 2020 12:46
 Operator : JC/SP
 Sample : L1564-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS037-200217

Quant Time: Feb 19 00:49:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	426071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	667331	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	640971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339735	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	242772	50.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.98%	
35) Dibromofluoromethane	5.49	113	204562	49.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.72%	
50) Toluene-d8	8.71	98	800221	51.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.14	95	301632	53.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.94%	

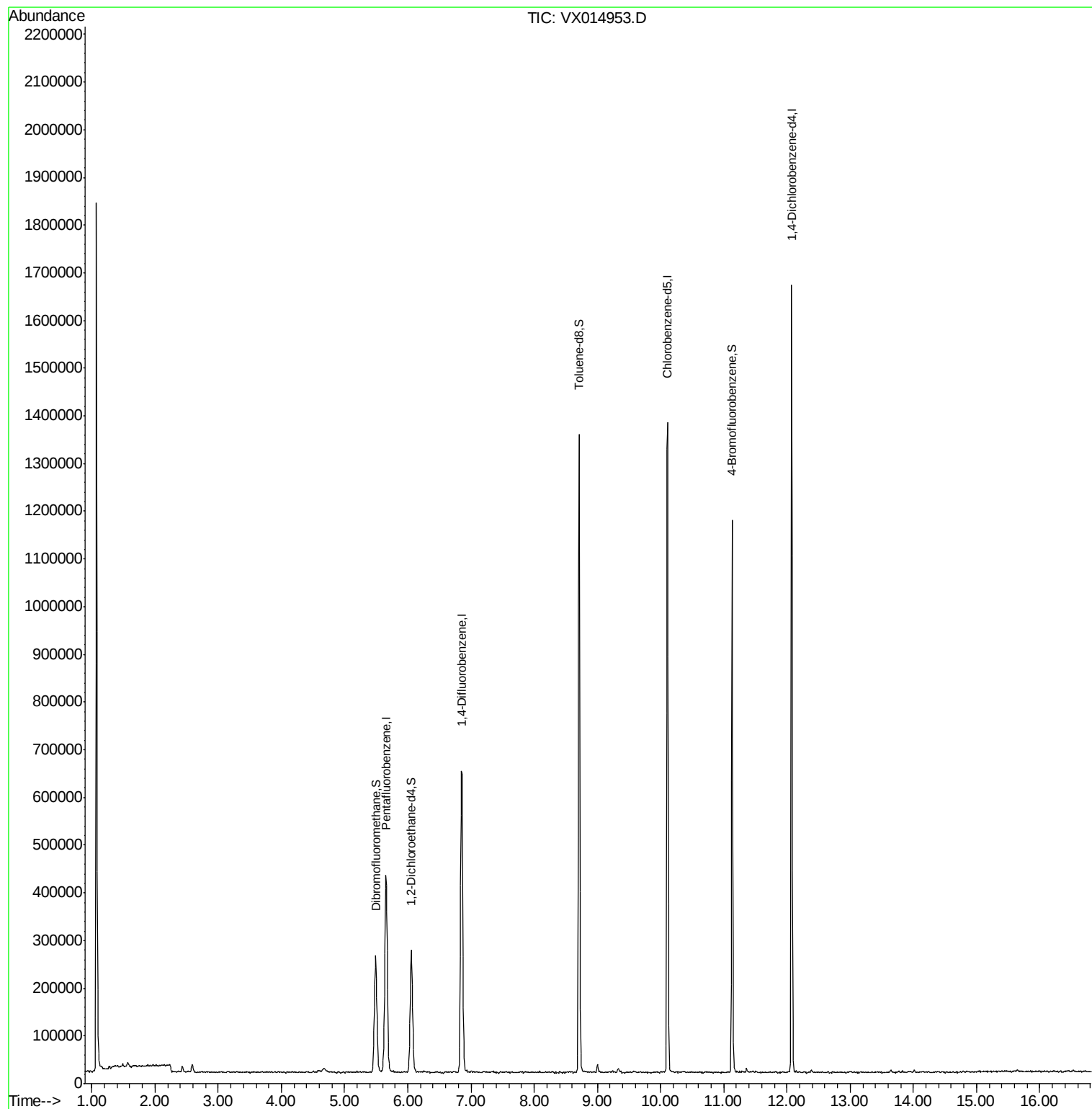
Target Compounds	Qvalue
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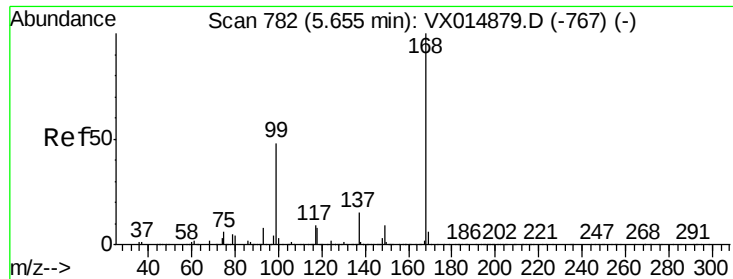
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014953.D

Acq: 18 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

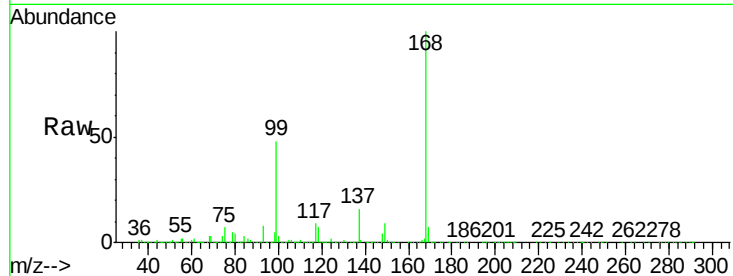
KY038PS037-200217

Tot Ion:168 Resp: 426071

Ion Ratio Lower Upper

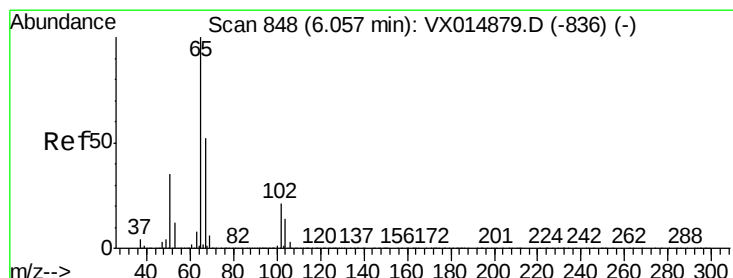
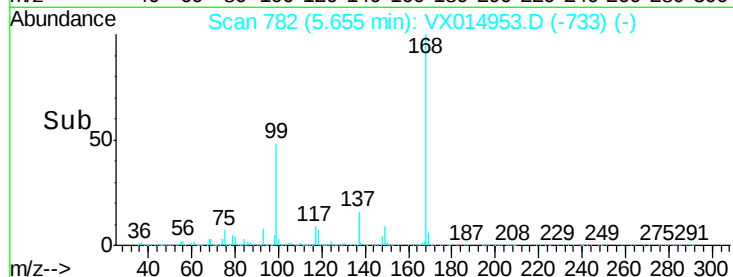
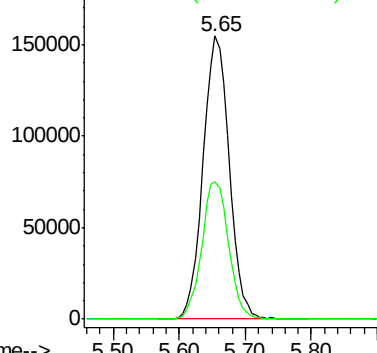
168 100

99 48.2 38.7 58.1



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: 50.488 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014953.D

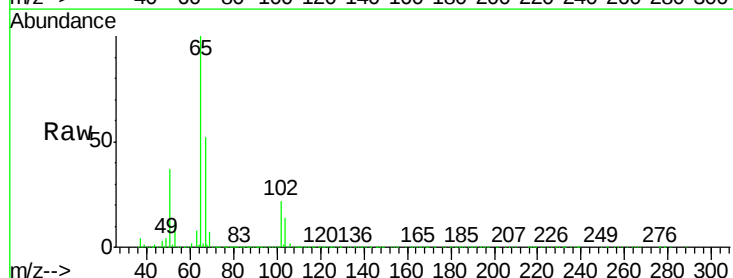
Acq: 18 Feb 2020 12:46

Tgt Ion: 65 Resp: 242772

Ion Ratio Lower Upper

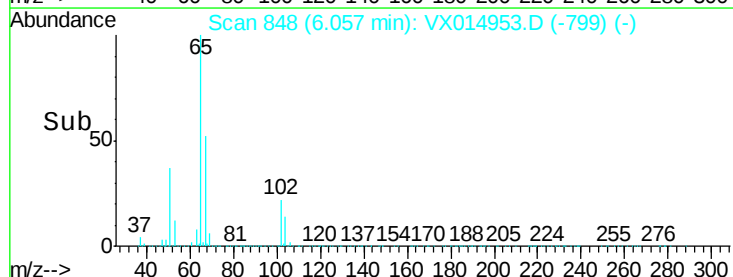
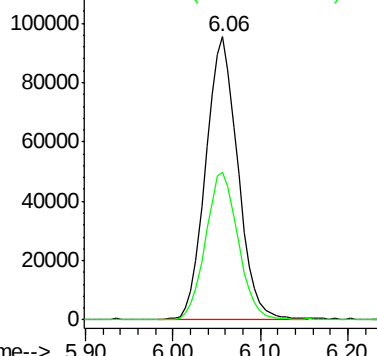
65 100

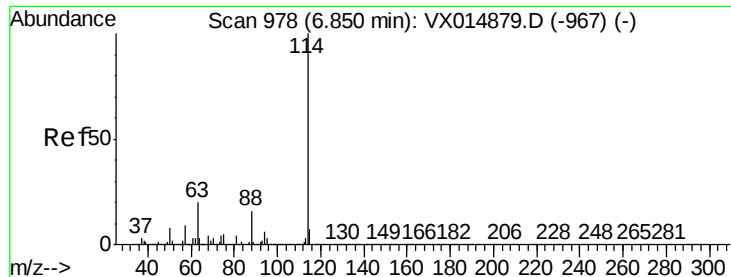
67 52.9 0.0 103.0



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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014953.D

Acq: 18 Feb 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

KY038PS037-200217

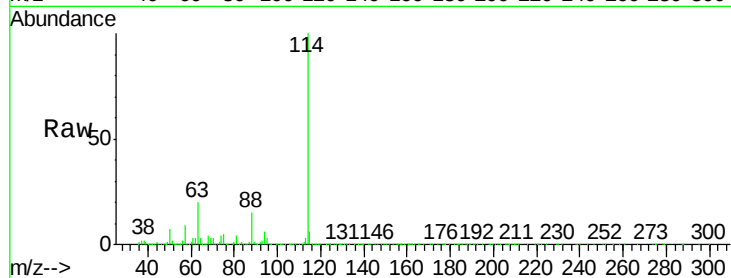
Tot Ion:114 Resp: 667331

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

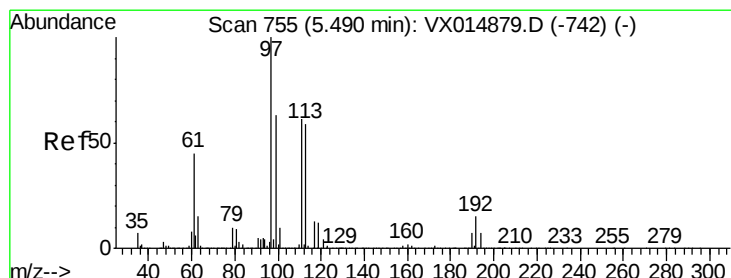
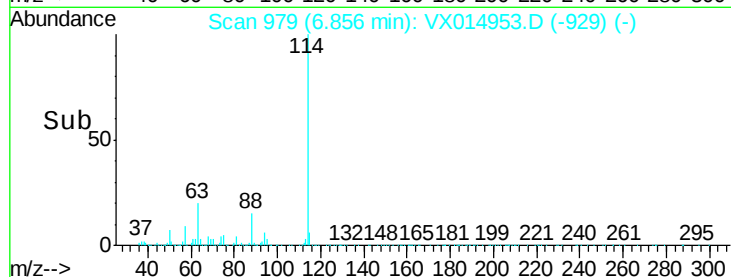
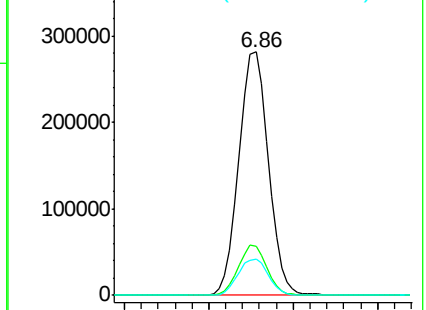
88 15.1 0.0 32.0



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: 49.862 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014953.D

Acq: 18 Feb 2020 12:46

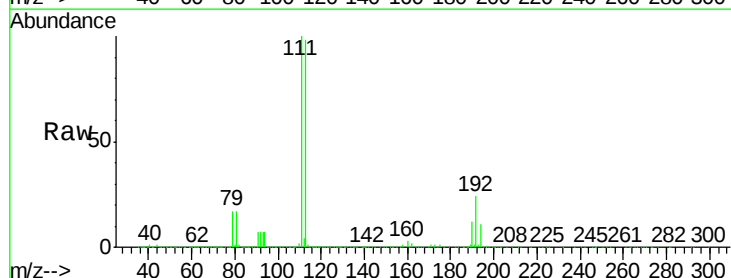
Tgt Ion:113 Resp: 204562

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

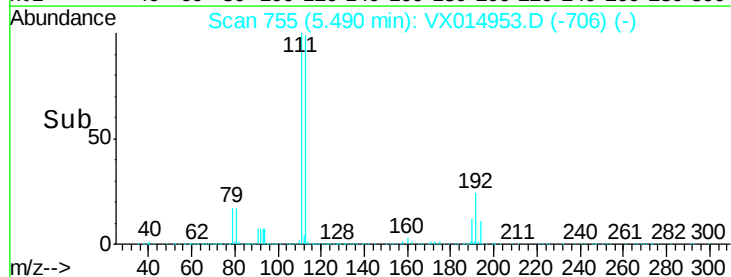
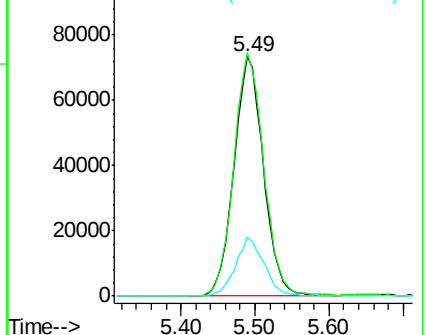
192 23.7 19.1 28.7

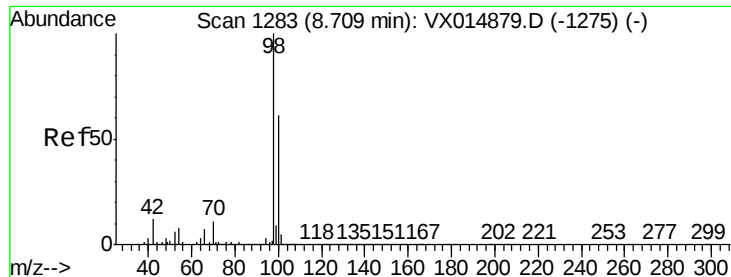


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

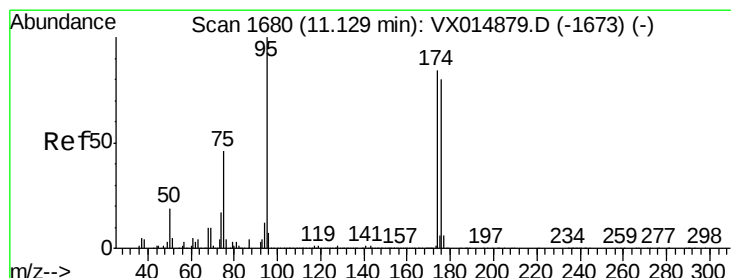
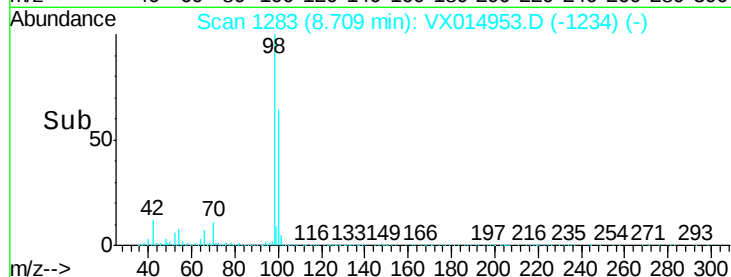
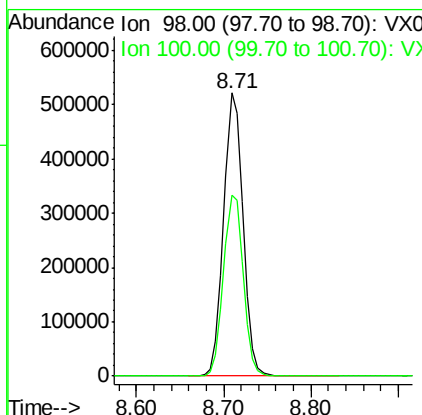
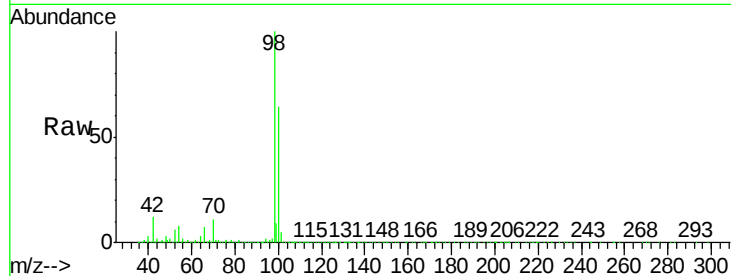




#50
Toluene-d8
Concen: 51.100 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014953.D
Acq: 18 Feb 2020 12:46

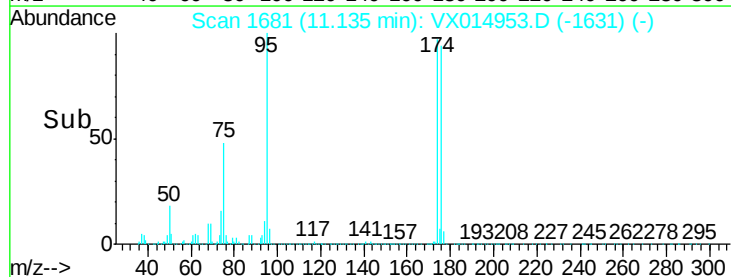
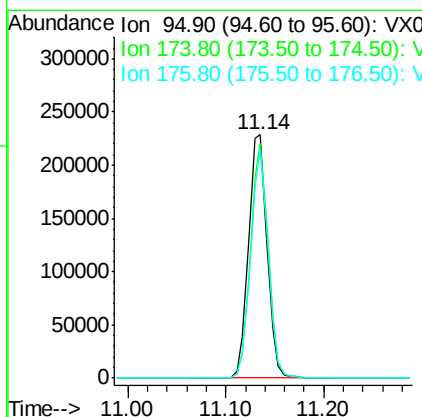
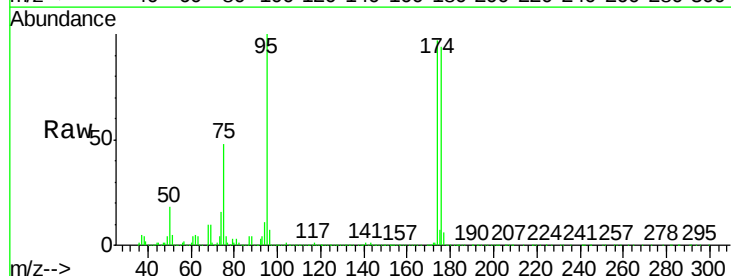
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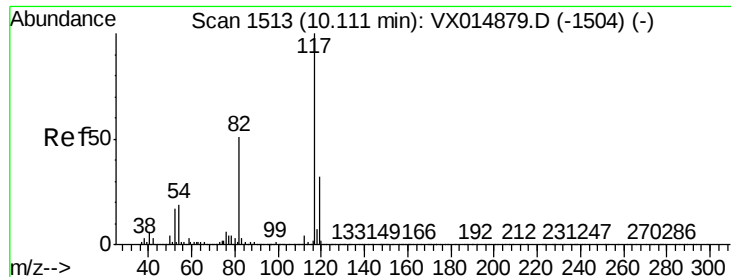
Tot Ion: 98 Resp: 800221
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.469 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014953.D
Acq: 18 Feb 2020 12:46

Tgt Ion: 95 Resp: 301632
Ion Ratio Lower Upper
95 100
174 92.1 0.0 183.0
176 88.6 0.0 178.0

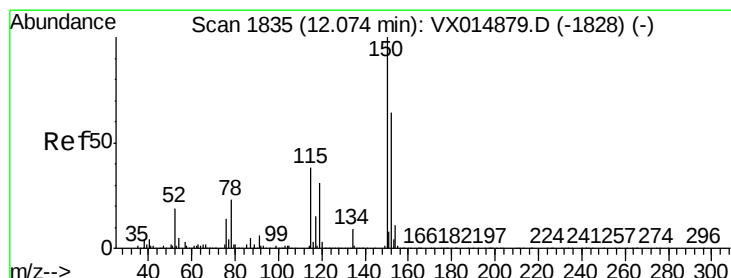
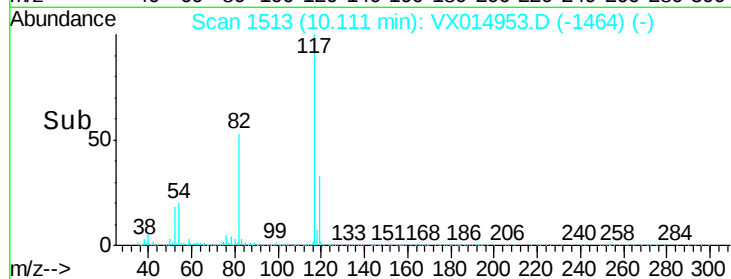
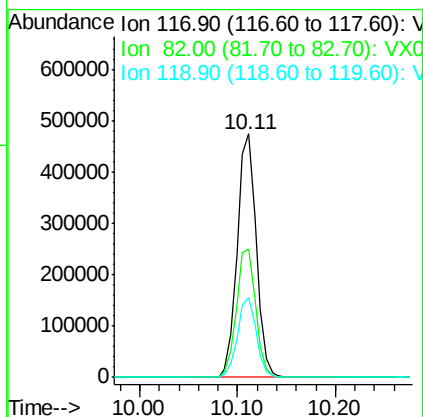
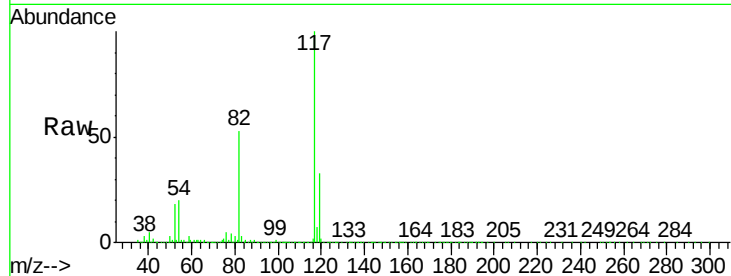




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014953.D
Acq: 18 Feb 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
KY038PS037-200217

Tot Ion:117 Resp: 640971
Ion Ratio Lower Upper
117 100
82 52.7 40.5 60.7
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014953.D
Acq: 18 Feb 2020 12:46

Tgt Ion:152 Resp: 339735
Ion Ratio Lower Upper
152 100
115 55.1 38.6 116.0
150 154.4 0.0 349.0

