

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011320\
 Data File : VX014577.D
 Acq On : 13 Jan 2020 11:13
 Operator : JC/SP
 Sample : VX0113WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBL01

Quant Time: Jan 14 13:20:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	492795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	762497	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	685386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310166	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	275402	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	5.48	113	227916	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.71	98	902191	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.13	95	305178	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

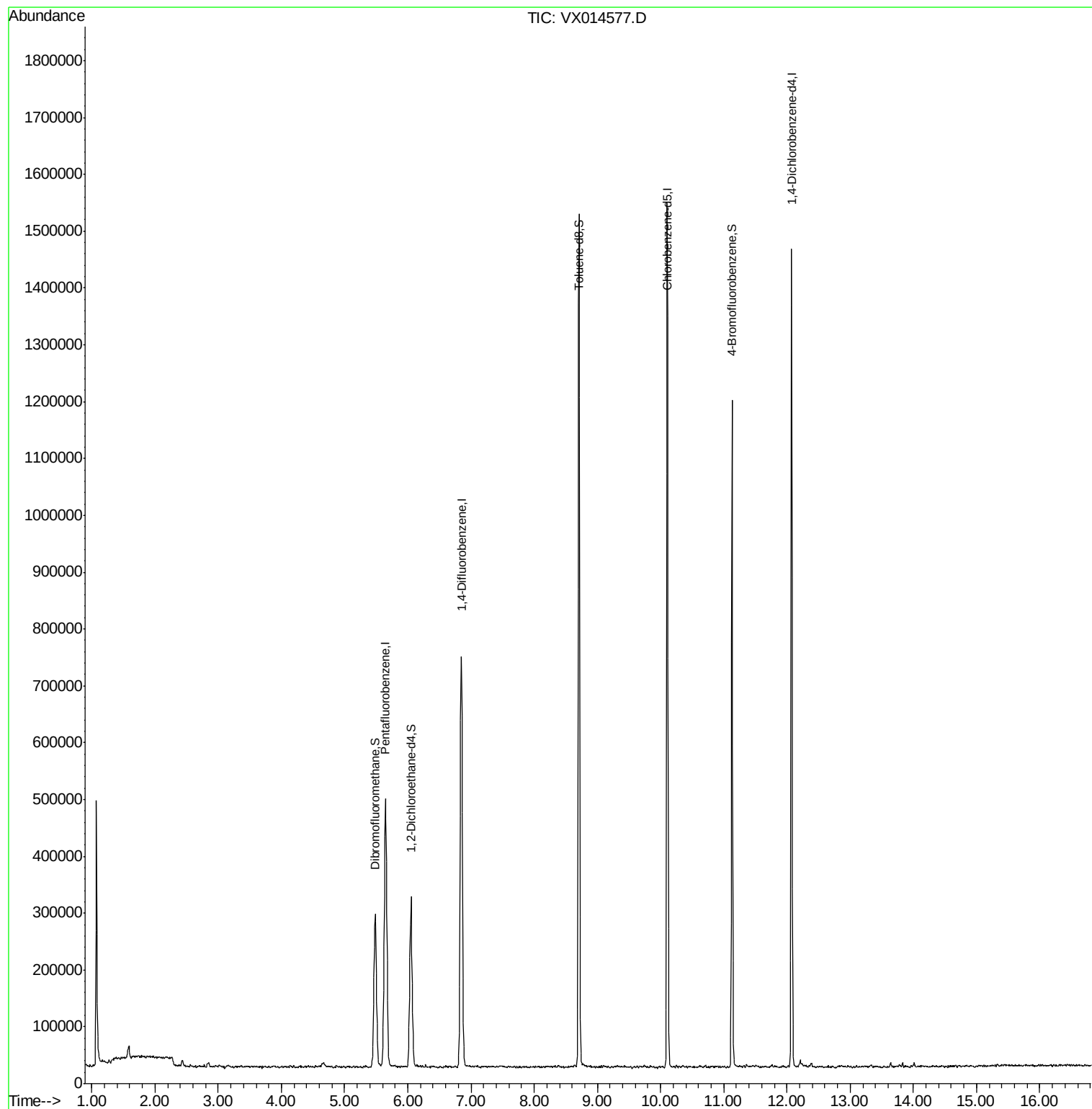
Target Compounds	Qvalue

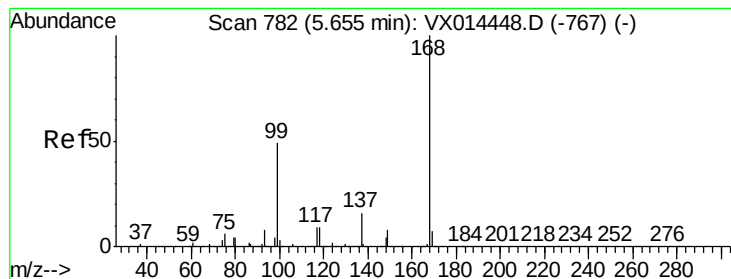
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014577.D

Acq: 13 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

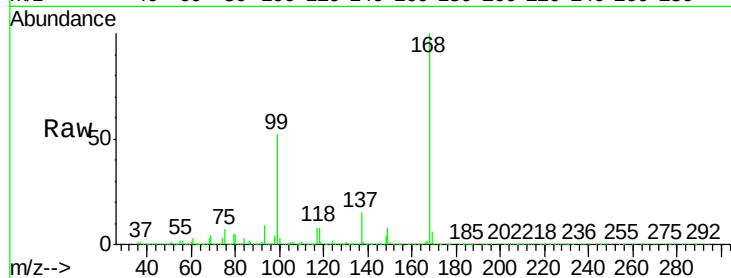
VX0113WBL01

Tot Ion:168 Resp: 492795

Ion Ratio Lower Upper

168 100

99 51.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

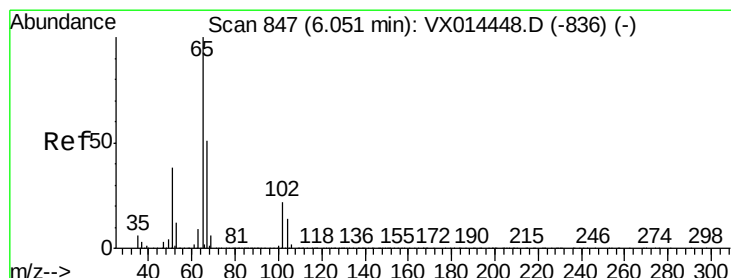
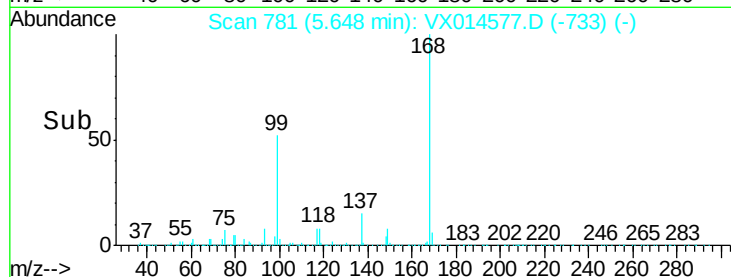
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.062 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014577.D

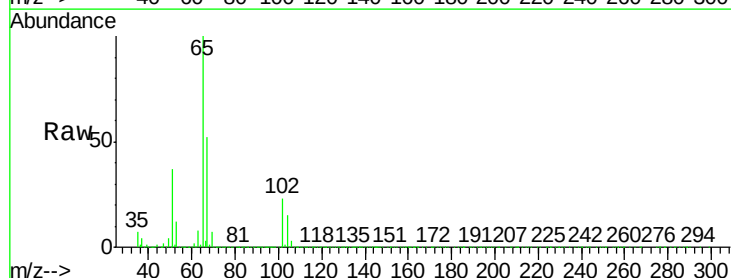
Acq: 13 Jan 2020 11:13

Tgt Ion: 65 Resp: 275402

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

60000

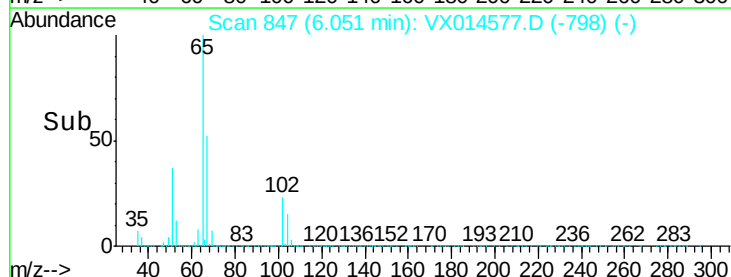
40000

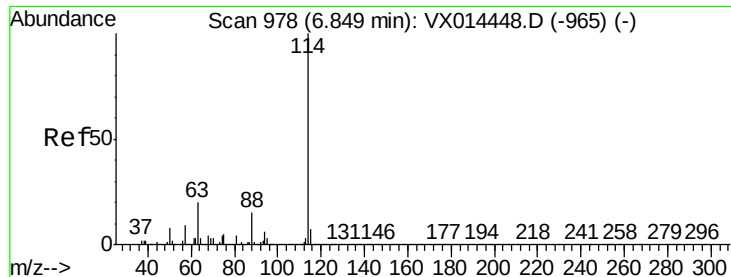
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014577.D

Acq: 13 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBL01

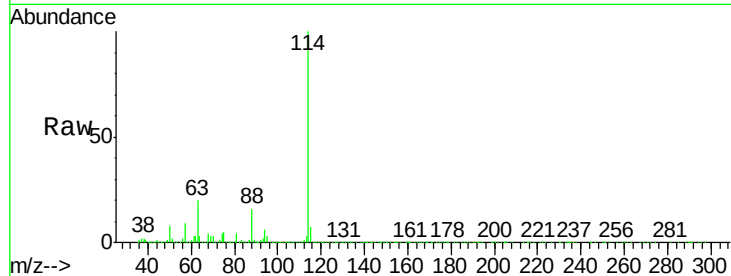
Tot Ion:114 Resp: 762497

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.5 0.0 30.8



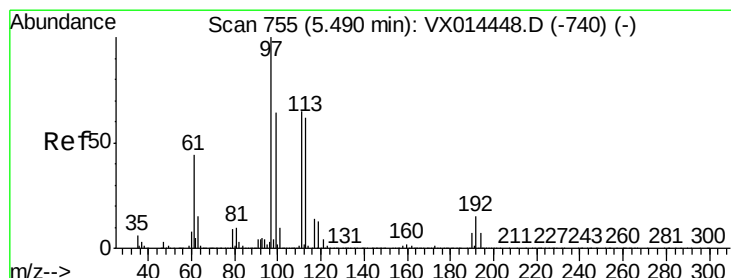
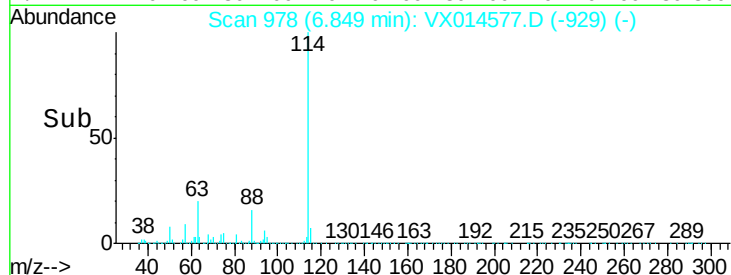
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

Time-->



#35

Dibromofluoromethane

Concen: 49.378 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014577.D

Acq: 13 Jan 2020 11:13

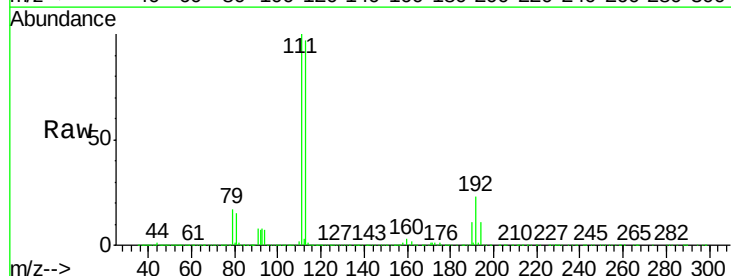
Tgt Ion:113 Resp: 227916

Ion Ratio Lower Upper

113 100

111 104.6 81.5 122.3

192 23.7 19.2 28.8



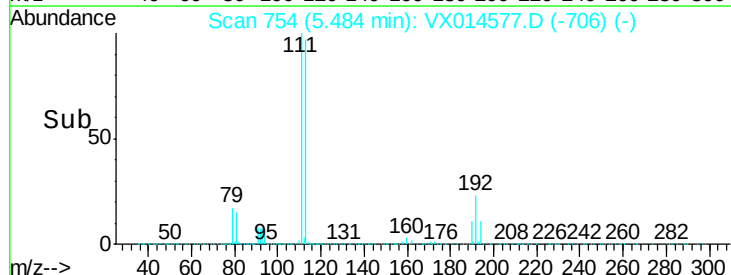
Abundance Ion 112.80 (112.50 to 113.50): V

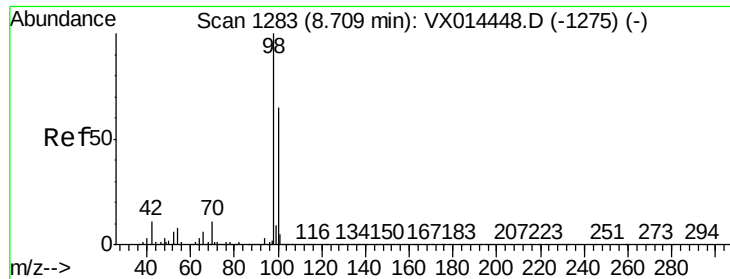
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.48

Time-->

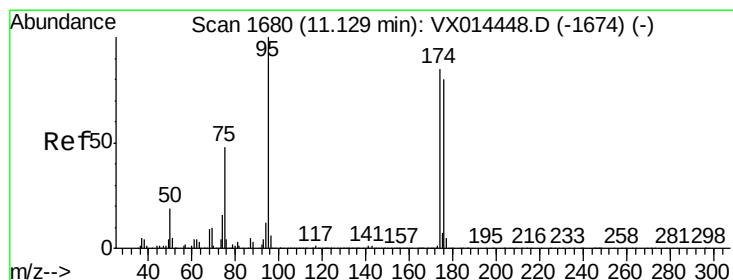
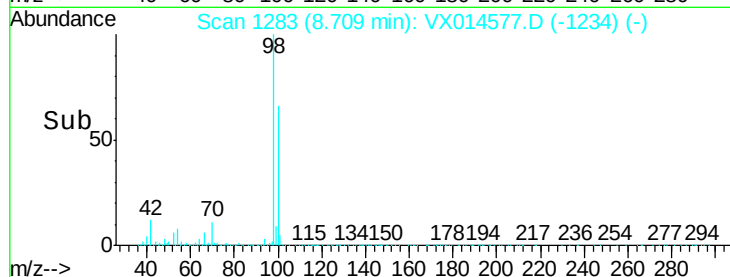
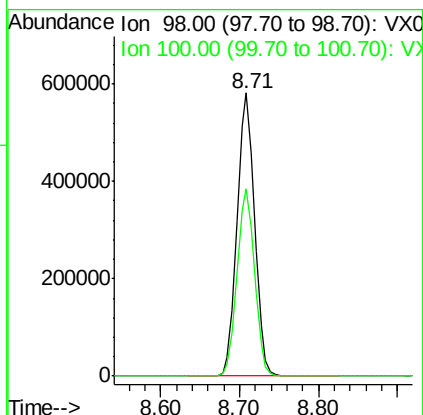
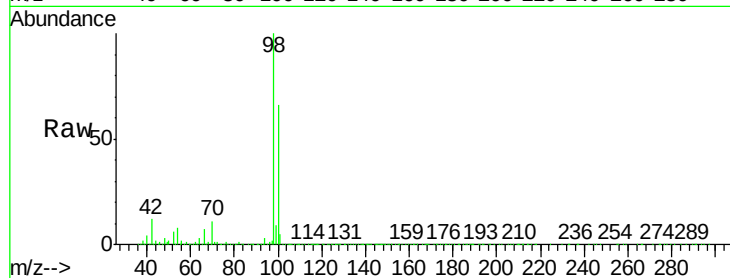




#50
Toluene-d8
Concen: 50.368 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014577.D
Acq: 13 Jan 2020 11:13

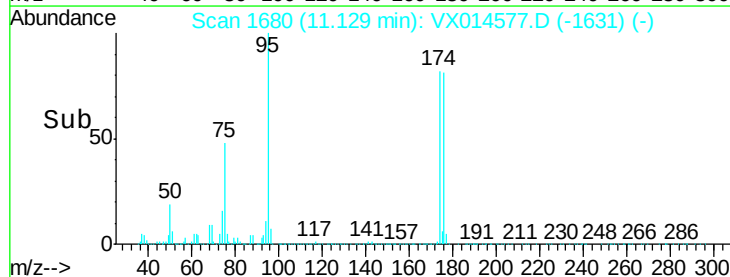
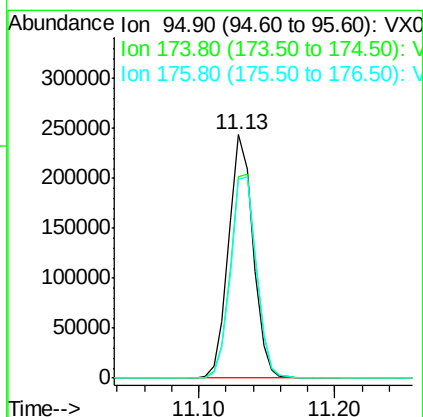
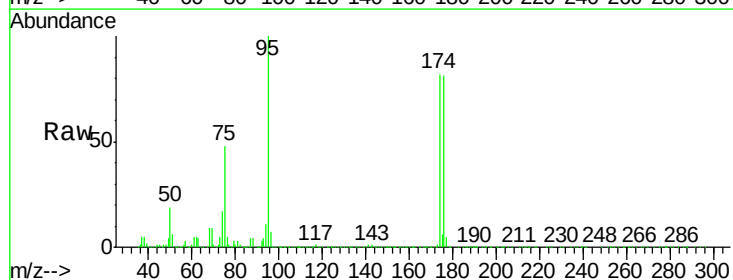
Instrument :
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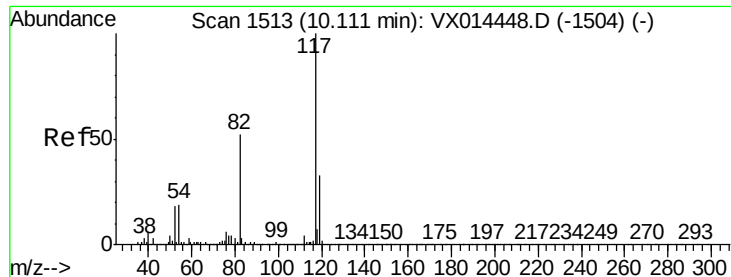
Tot Ion: 98 Resp: 902191
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 46.410 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014577.D
Acq: 13 Jan 2020 11:13

Tgt Ion: 95 Resp: 305178
Ion Ratio Lower Upper
95 100
174 88.9 0.0 180.8
176 87.3 0.0 172.8

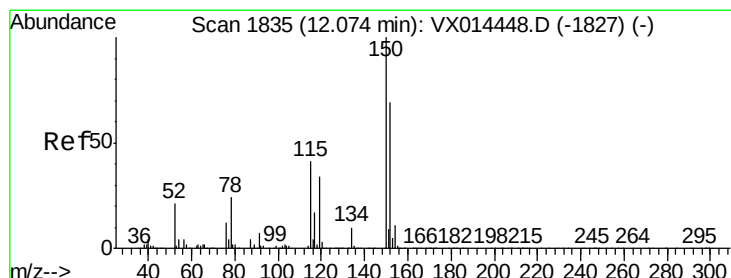
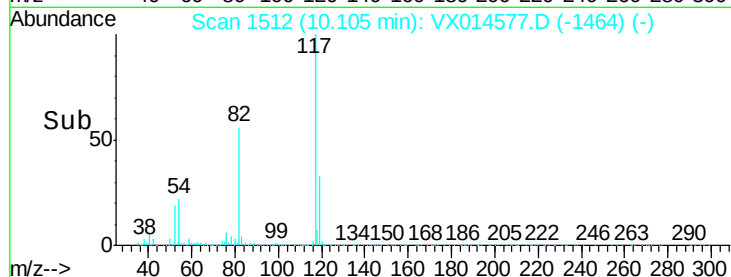
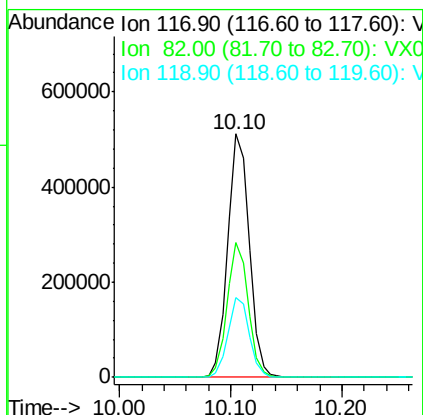
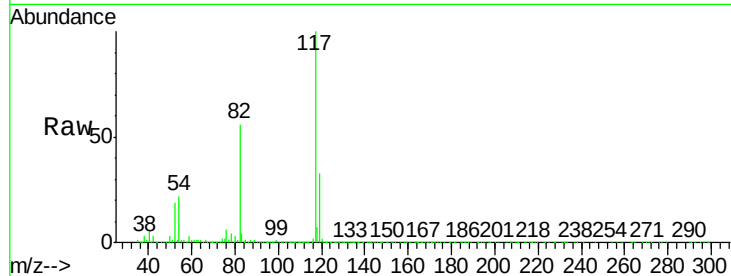




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014577.D
Acq: 13 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	41.8	62.6
119	32.6	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014577.D
Acq: 13 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	39.5	118.3
150	155.9	0.0	350.2

