

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122019\
 Data File : VX014174.D
 Acq On : 20 Dec 2019 15:16
 Operator : JC/SP
 Sample : K6379-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-F

Quant Time: Dec 21 00:24:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	571591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	867985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	771655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	342649	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	311661	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	5.49	113	257351	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	8.71	98	1024234	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.14	95	346170	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	

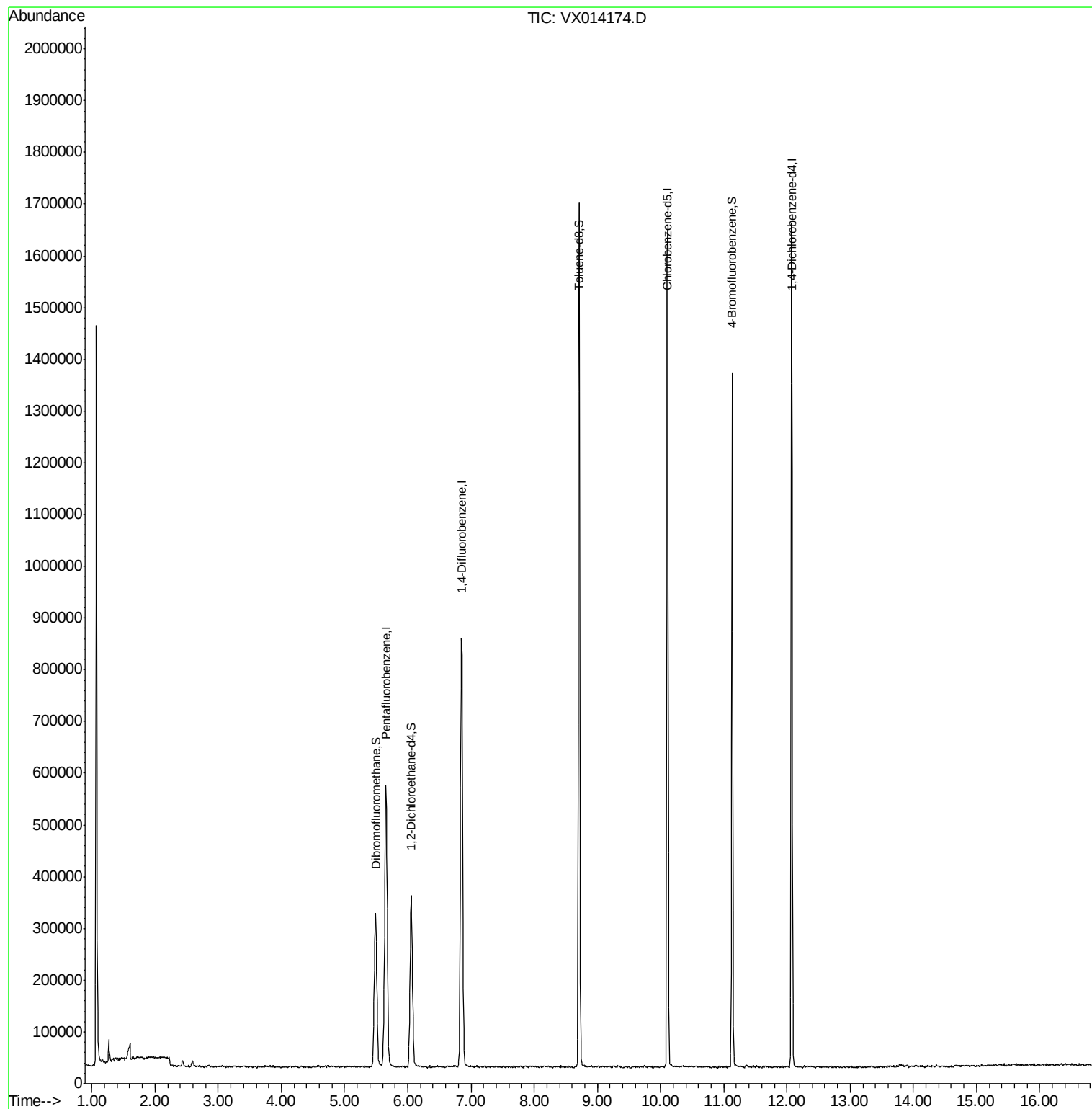
Target Compounds	Qvalue

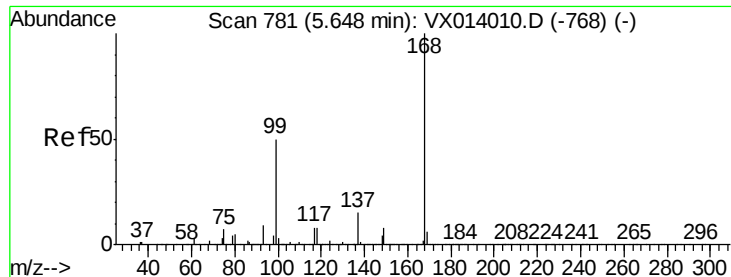
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
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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: VX014174.D

Acq: 20 Dec 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

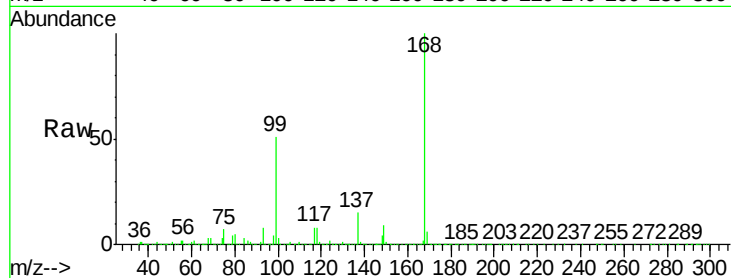
MH-F

Tot Ion:168 Resp: 571591

Ion Ratio Lower Upper

168 100

99 51.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

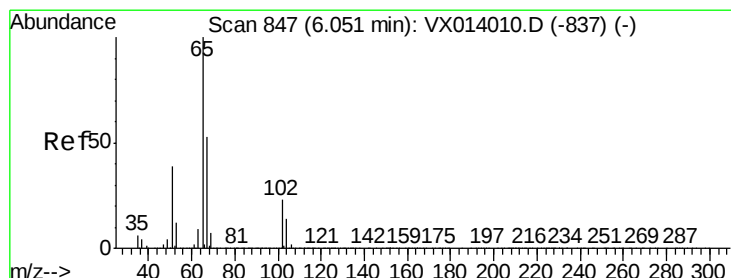
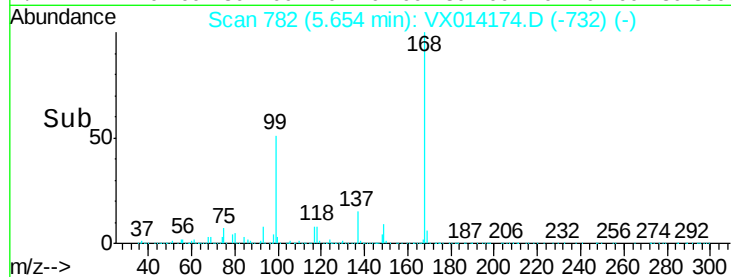
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.109 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014174.D

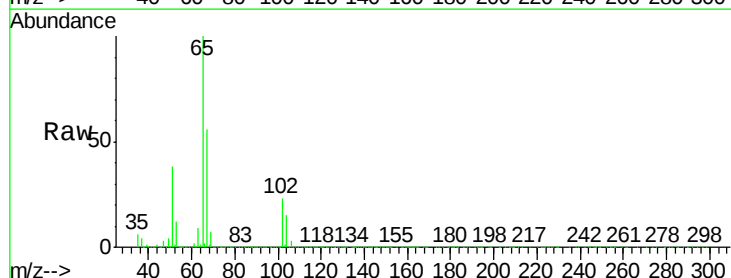
Acq: 20 Dec 2019 15:16

Tgt Ion: 65 Resp: 311661

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

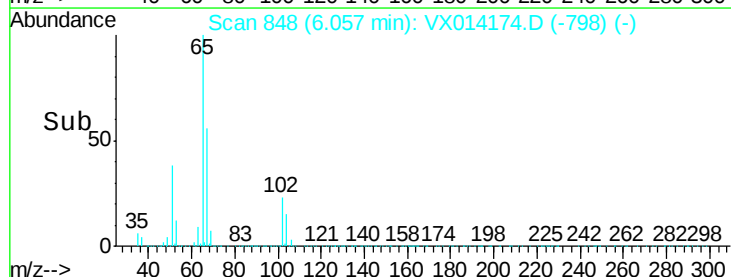
100000

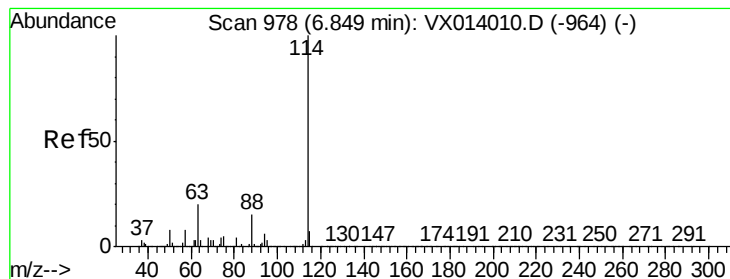
50000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014174.D

Acq: 20 Dec 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

MH-F

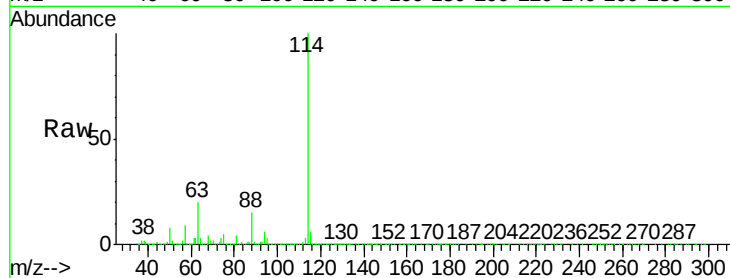
Tot Ion:114 Resp: 867985

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

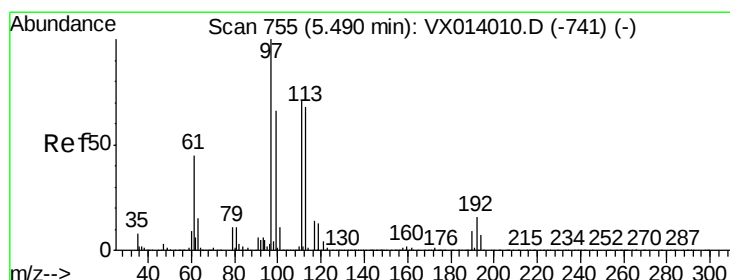
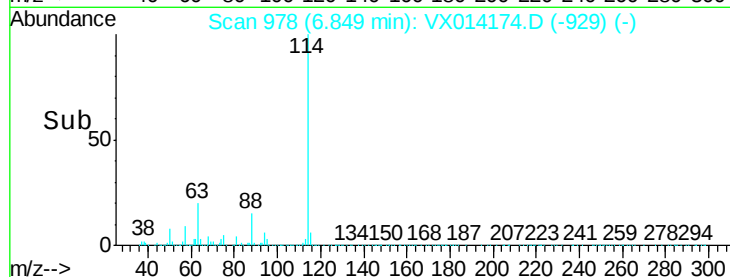
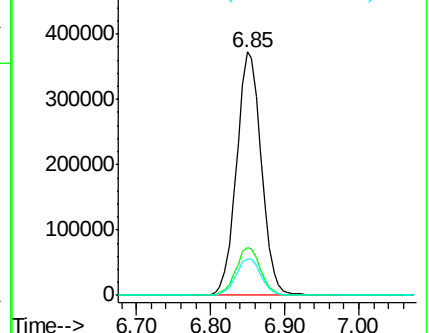
88 15.1 0.0 30.4



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: 48.774 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014174.D

Acq: 20 Dec 2019 15:16

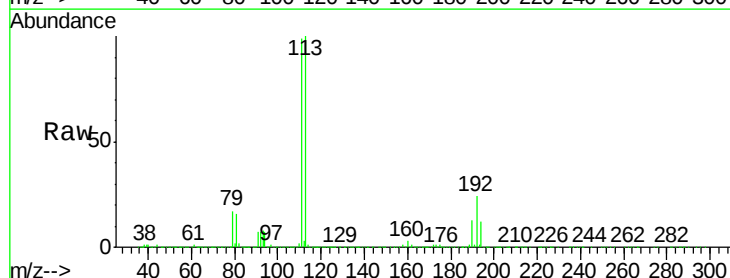
Tgt Ion:113 Resp: 257351

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

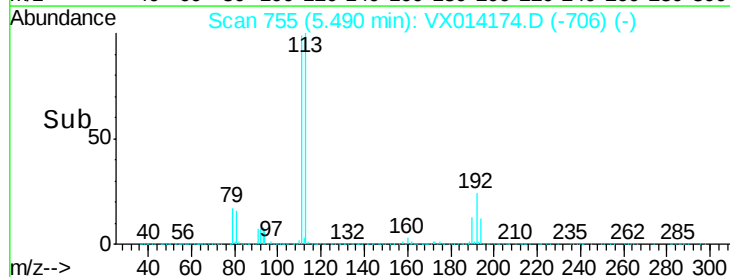
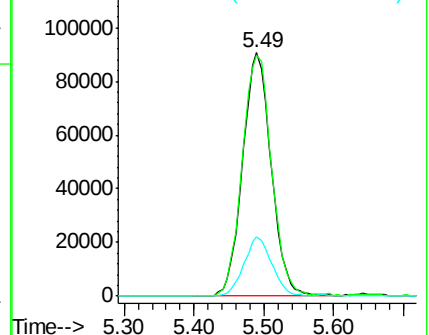
192 23.9 19.3 28.9



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





#50

Toluene-d8

Concen: 49.860 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014174.D

Acq: 20 Dec 2019 15:16

Instrument :

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ClientSampleId :

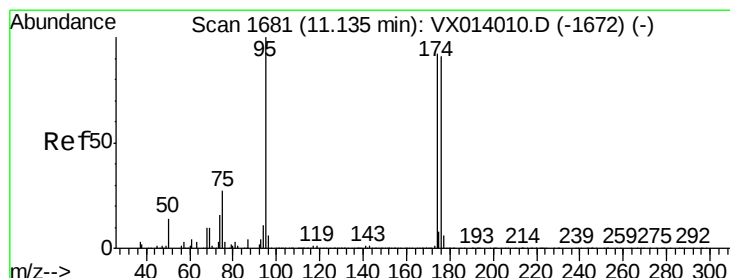
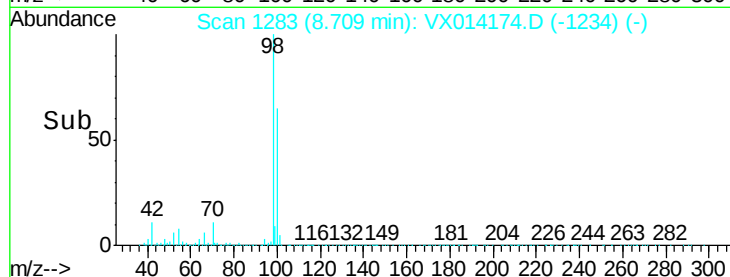
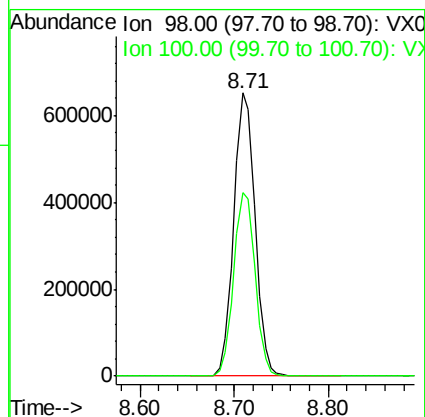
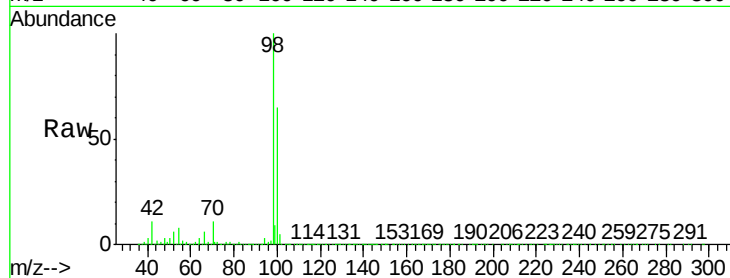
MH-F

Tot Ion: 98 Resp: 1024234

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.100 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX014174.D

Acq: 20 Dec 2019 15:16

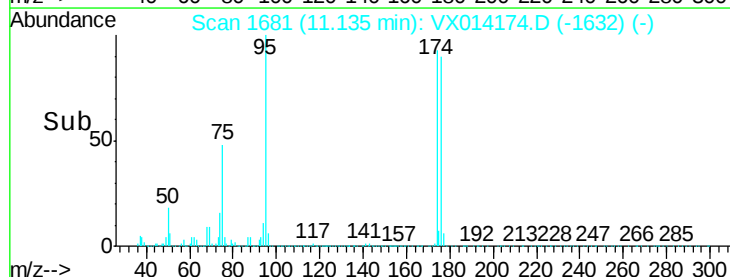
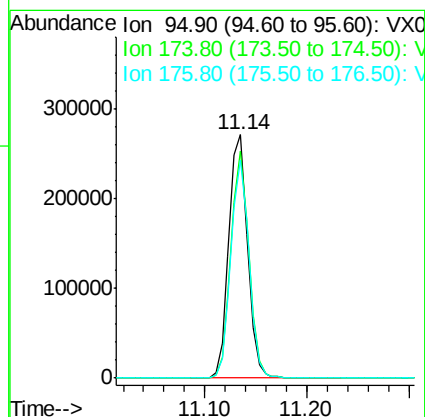
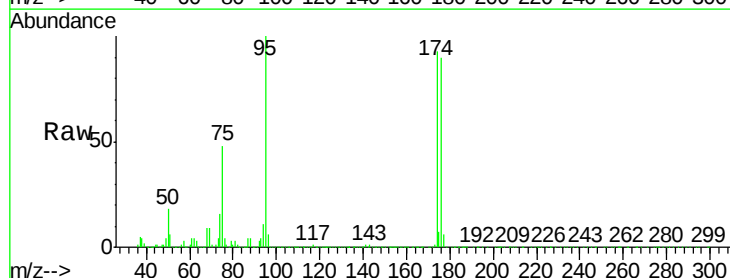
Tgt Ion: 95 Resp: 346170

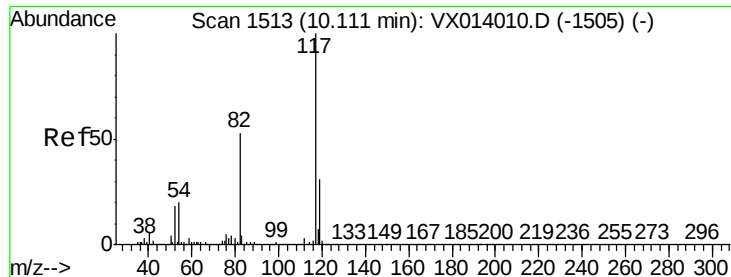
Ion Ratio Lower Upper

95 100

174 89.1 0.0 175.8

176 86.3 0.0 173.0

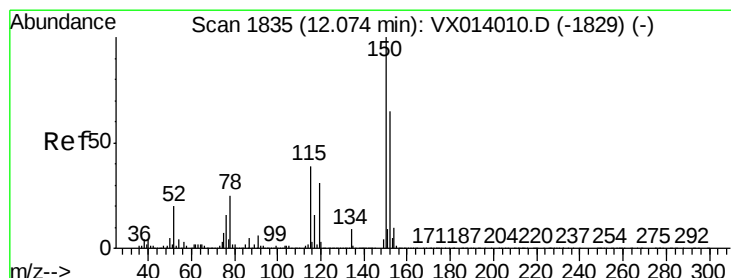
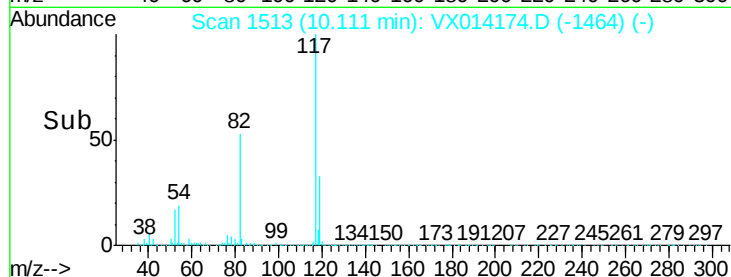
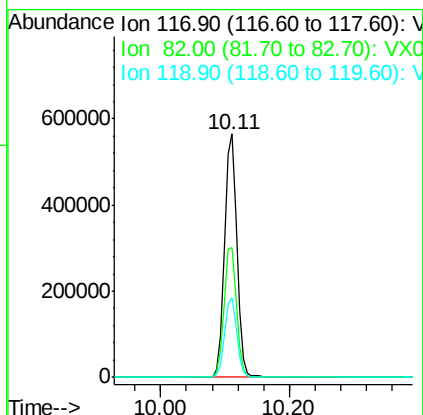
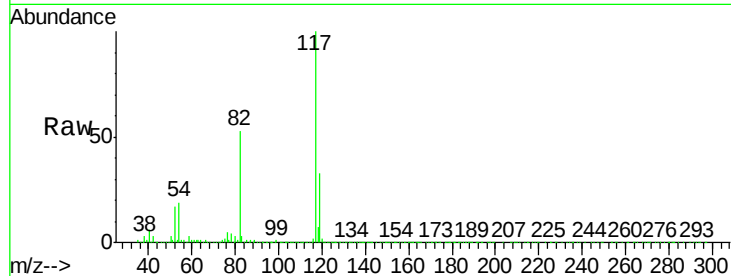




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014174.D
Acq: 20 Dec 2019 15:16

Instrument :
MSVOA_X
ClientSampleId :
MH-F

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.2	63.4
119	32.6	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014174.D
Acq: 20 Dec 2019 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.3	114.9
150	157.1	0.0	345.4

