

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013132.D
 Acq On : 18 Oct 2019 17:08
 Operator : JC/SP
 Sample : K5450-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-GMZ3-TB2

Quant Time: Oct 19 04:56:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87743	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	102186	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	79044	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
50) Toluene-d8	8.71	98	305969	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	11.13	95	102096	44.38	ug/l	0.00
Spiked Amount			Recovery	=	88.76%	

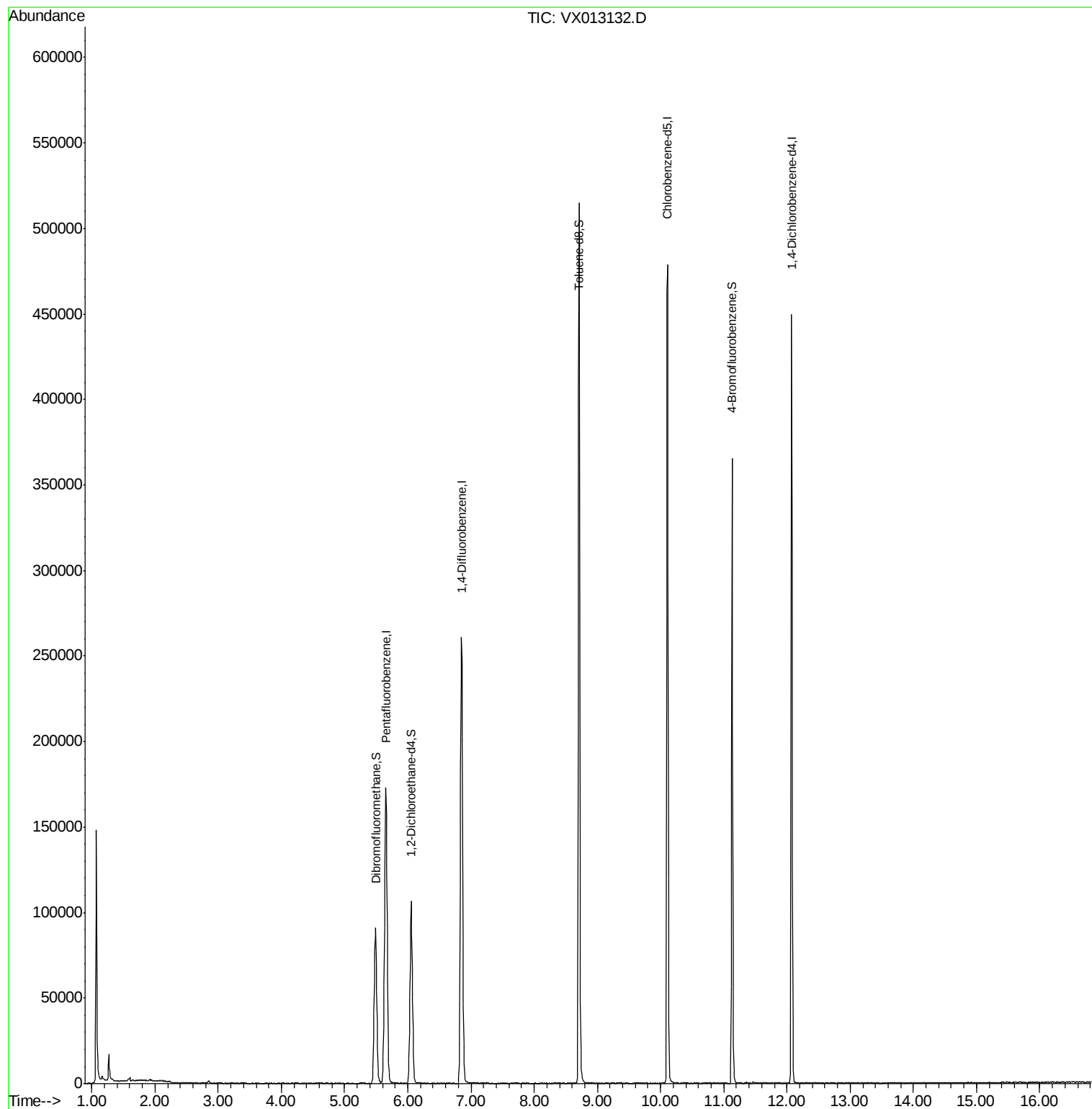
Target Compounds	Qvalue
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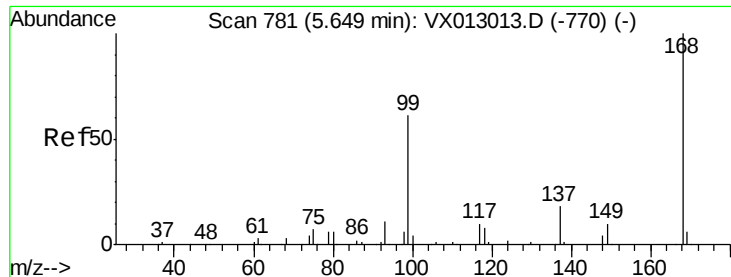
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013132.D

Acq: 18 Oct 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

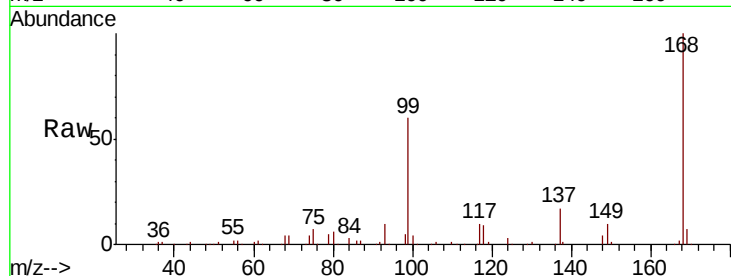
FA19-GMZ3-TB2

Tot Ion:168 Resp: 164250

Ion Ratio Lower Upper

168 100

99 59.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

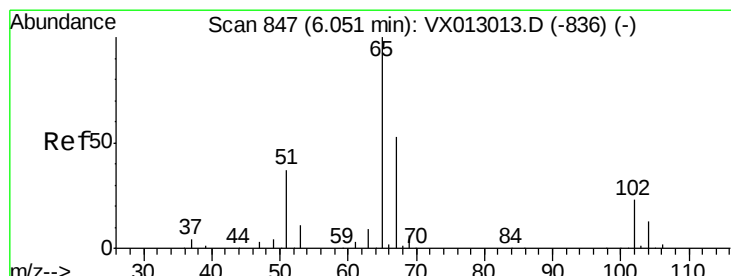
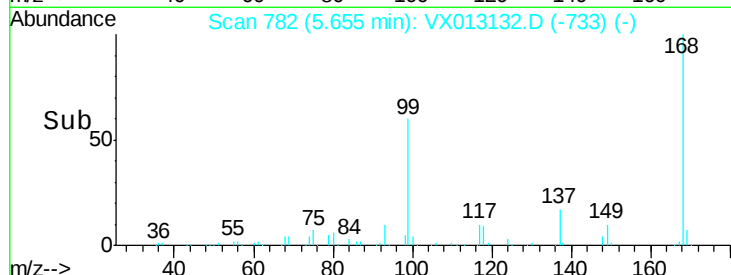
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.776 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX013132.D

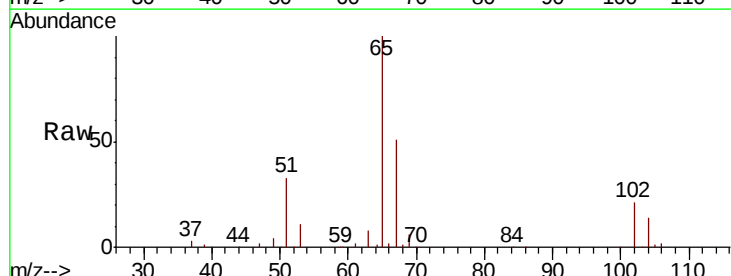
Acq: 18 Oct 2019 17:08

Tgt Ion: 65 Resp: 102186

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

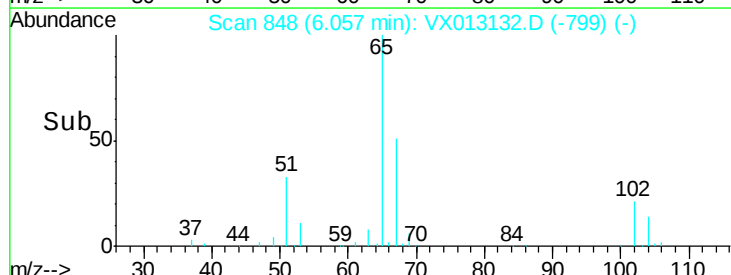
30000

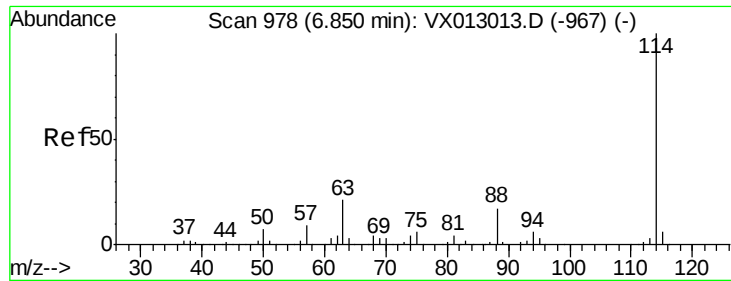
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

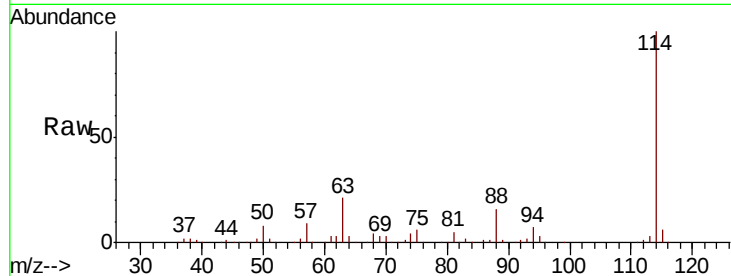




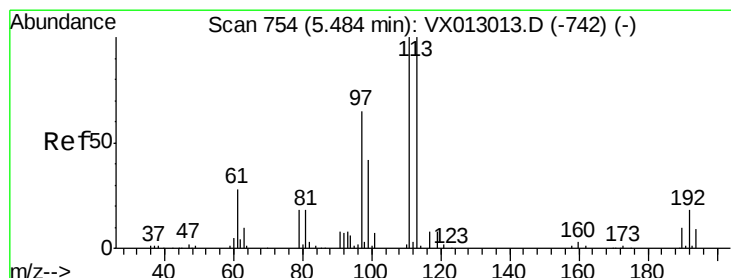
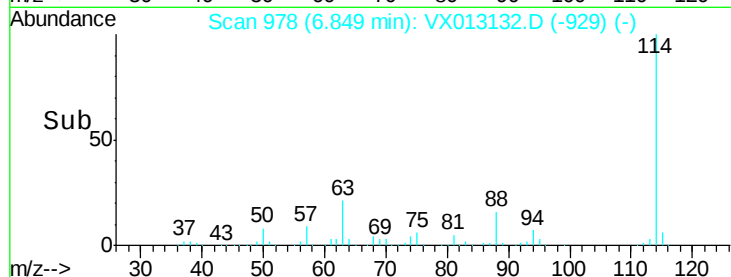
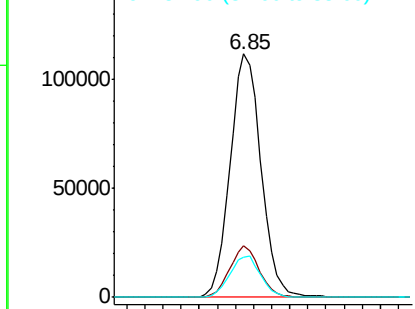
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013132.D
Acq: 18 Oct 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ3-TB2

Tot Ion:114 Resp: 264464
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 16.4 0.0 33.8

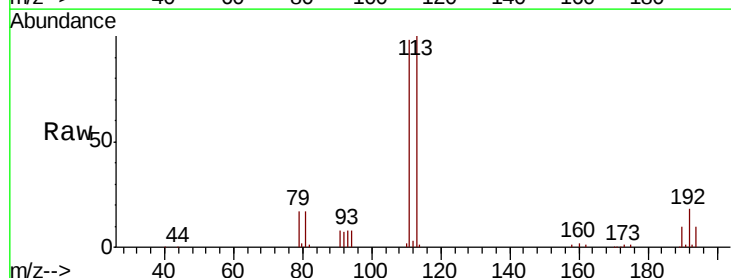


Abundance Ion 113.90 (113.60 to 114.60): V
150000 Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

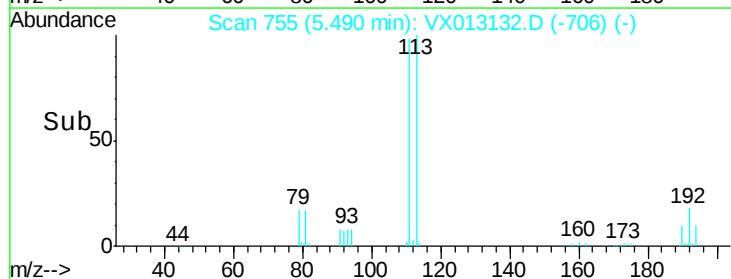
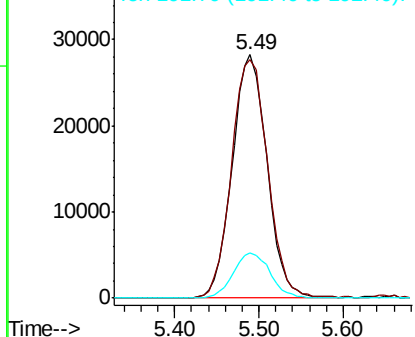


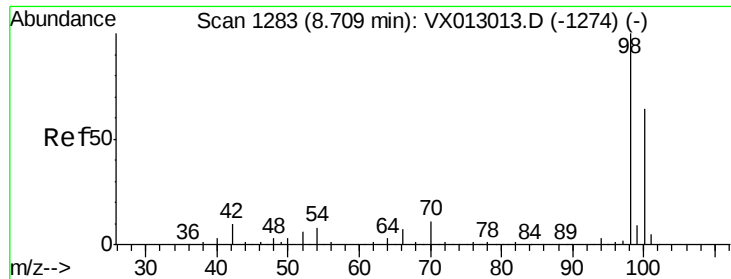
#35
Dibromofluoromethane
Concen: 52.075 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013132.D
Acq: 18 Oct 2019 17:08

Tgt Ion:113 Resp: 79044
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 19.6 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V
30000 Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.683 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013132.D

Acq: 18 Oct 2019 17:08

Instrument :

MSVOA_X

ClientSampleId :

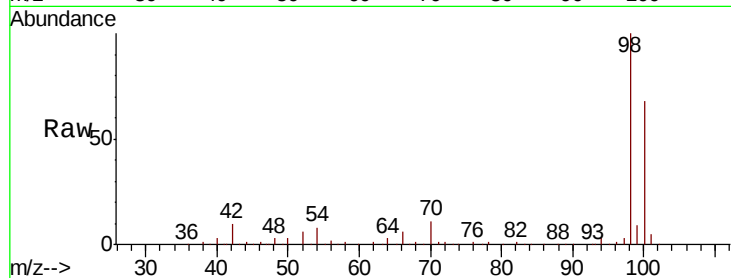
FA19-GMZ3-TB2

Tot Ion: 98 Resp: 305969

Ion Ratio Lower Upper

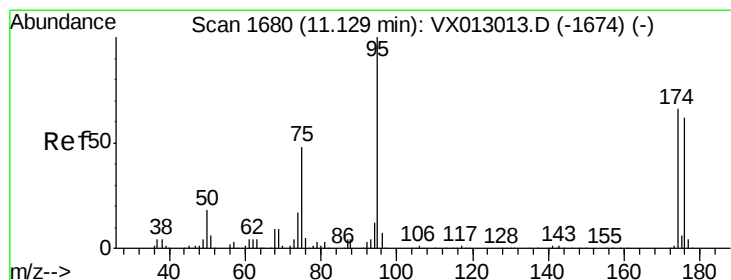
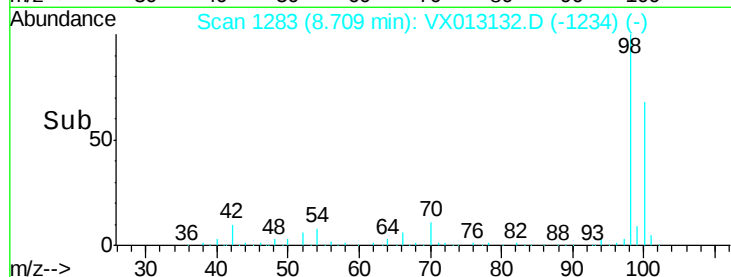
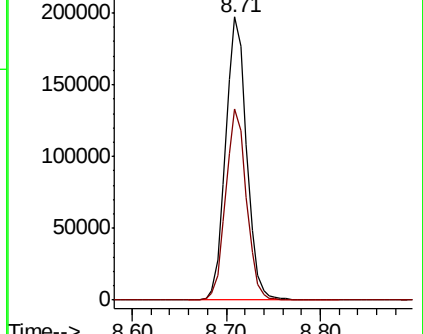
98 100

100 66.5 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 44.384 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013132.D

Acq: 18 Oct 2019 17:08

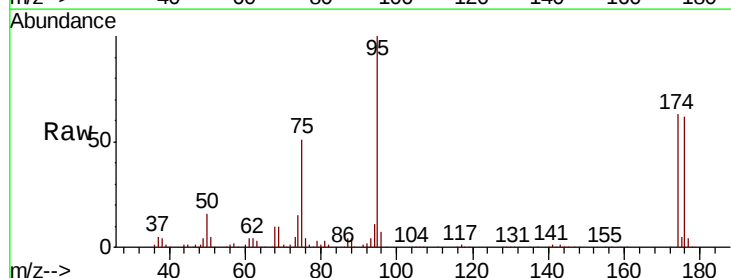
Tgt Ion: 95 Resp: 102096

Ion Ratio Lower Upper

95 100

174 75.5 0.0 143.4

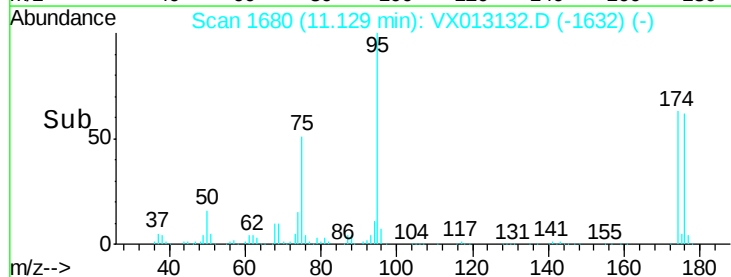
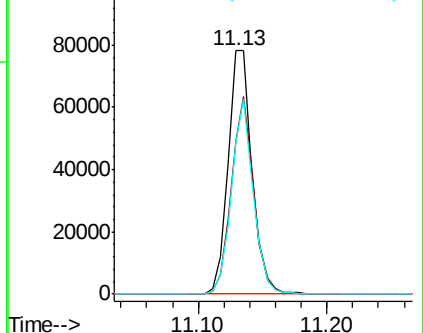
176 72.7 0.0 136.0

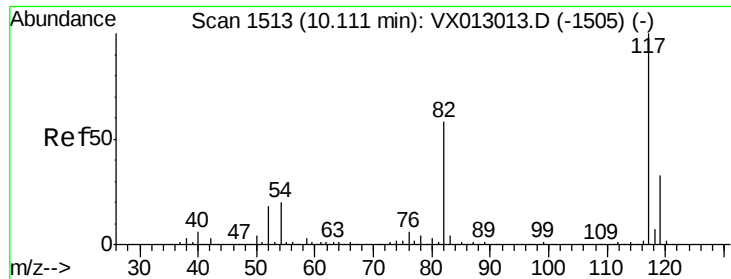


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

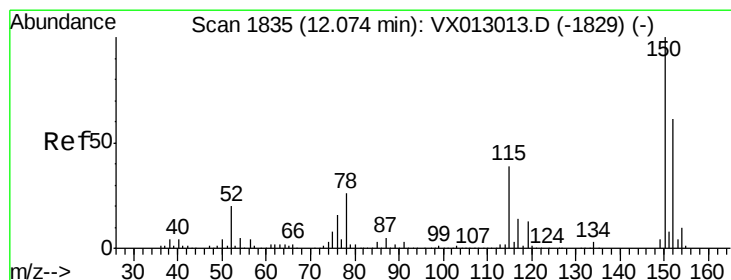
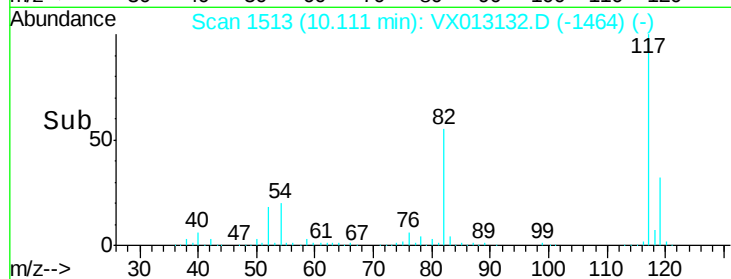
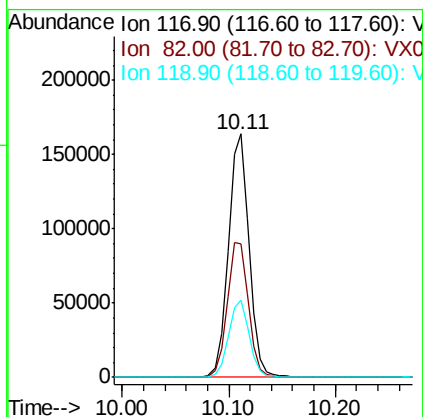
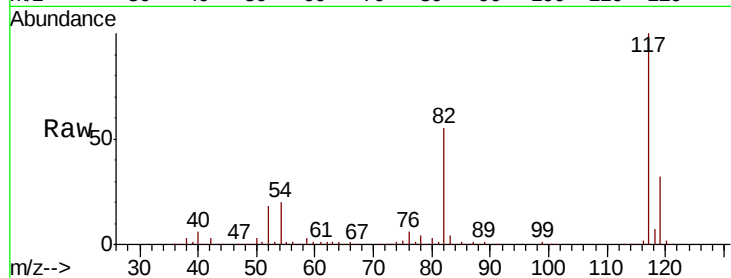




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013132.D
Acq: 18 Oct 2019 17:08

Instrument :
MSVOA_X
ClientSampleId :
FA19-GMZ3-TB2

Tot Ion:117 Resp: 222935
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013132.D
Acq: 18 Oct 2019 17:08

Tgt Ion:152 Resp: 87743
Ion Ratio Lower Upper
152 100
115 64.7 44.5 133.5
150 159.7 0.0 353.4

