

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014312.D
 Acq On : 27 Dec 2019 16:31
 Operator : JC/SP
 Sample : K6434-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3

Quant Time: Dec 30 06:12:19 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

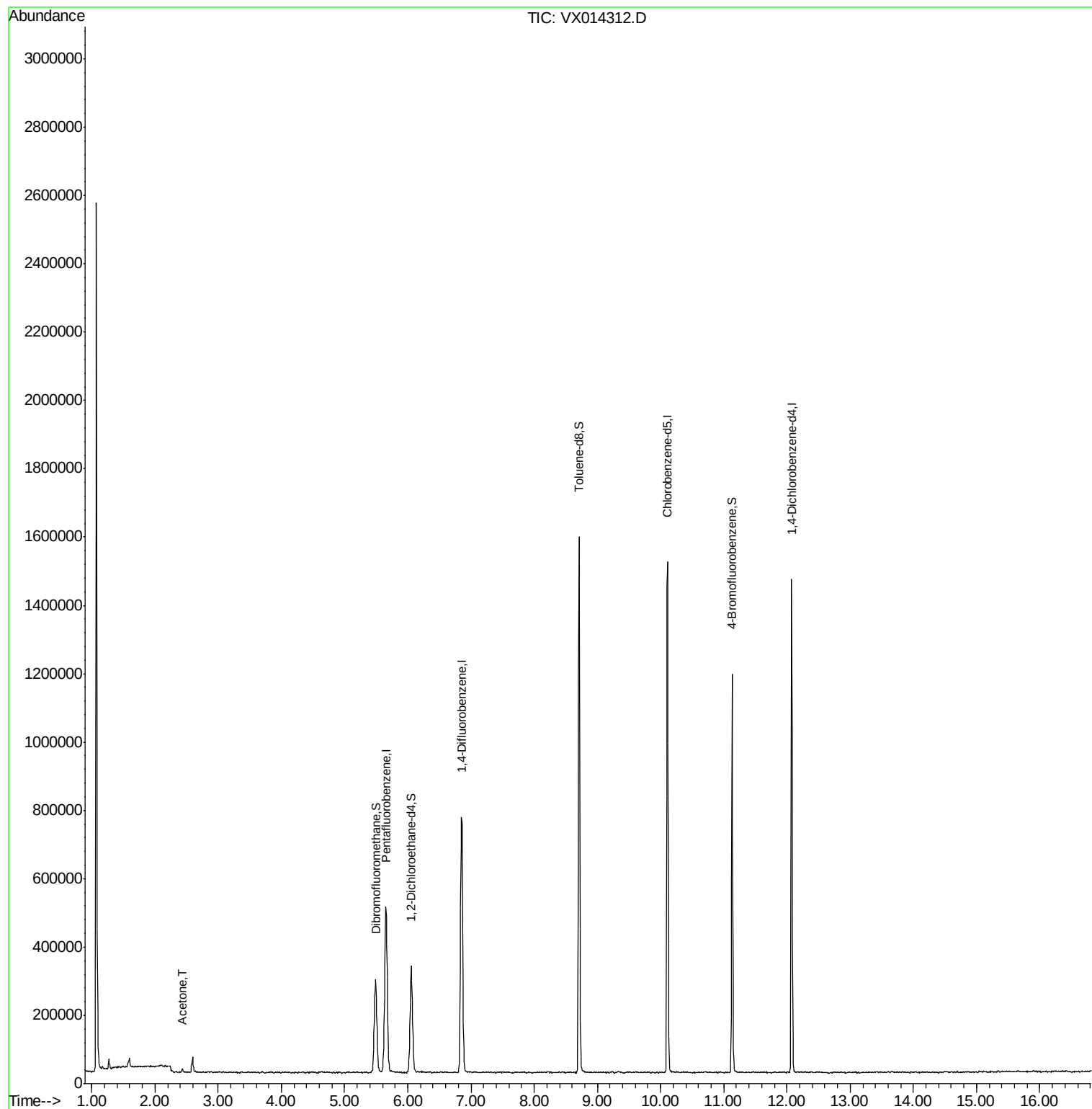
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	504378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	784000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	700898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	299480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	287260	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	5.49	113	237379	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	8.71	98	930515	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.14	95	305444	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
Target Compounds						
16) Acetone	2.43	43	8860	2.387	ug/l #	Qvalue 86

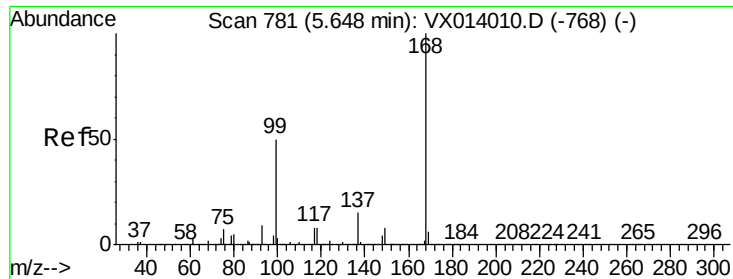
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014312.D

Acq: 27 Dec 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

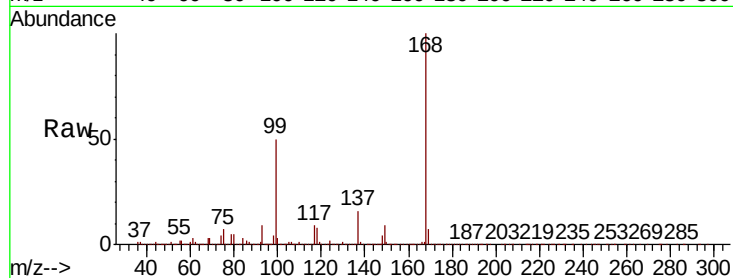
GW-3

Tot Ion:168 Resp: 504378

Ion Ratio Lower Upper

168 100

99 49.8 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

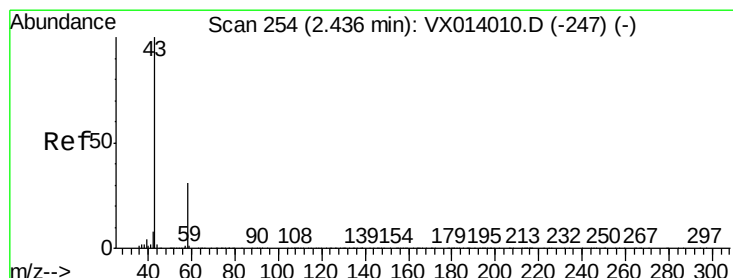
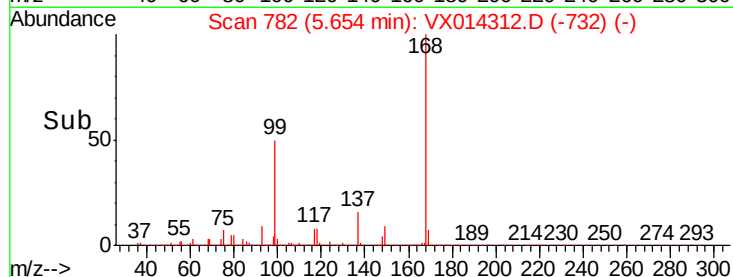
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.387 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014312.D

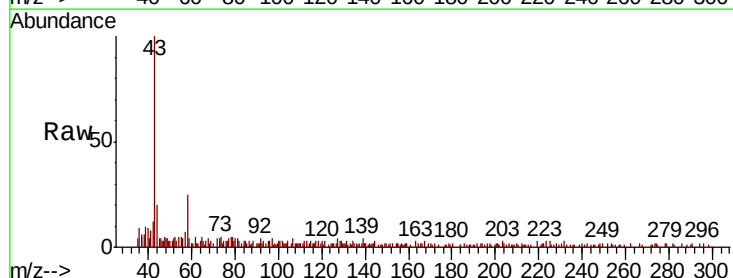
Acq: 27 Dec 2019 16:31

Tgt Ion: 43 Resp: 8860

Ion Ratio Lower Upper

43 100

58 23.2 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

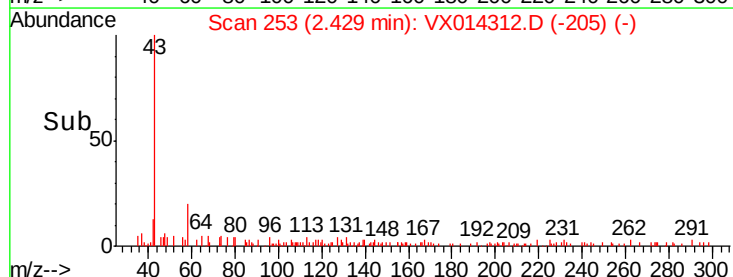
3000

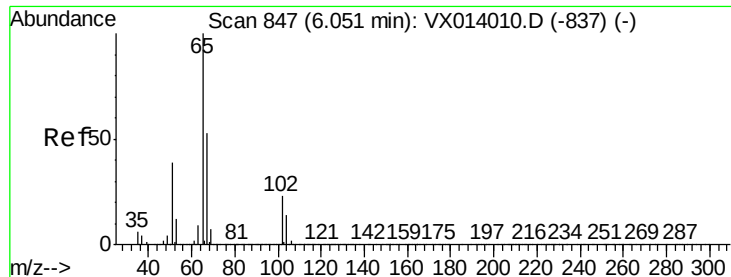
2000

1000

0

Time-->

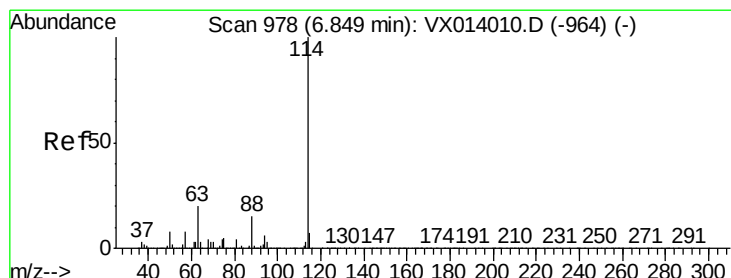
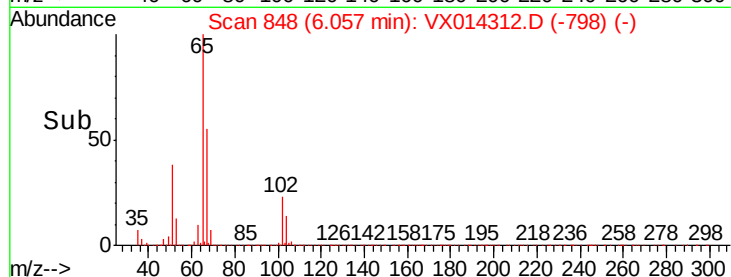
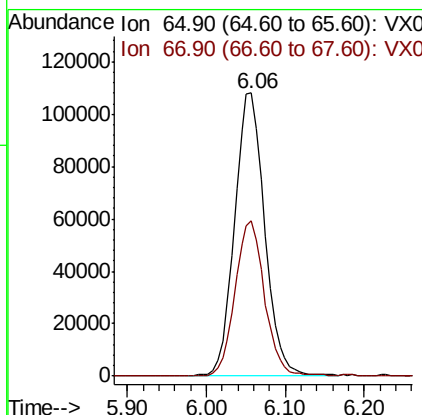
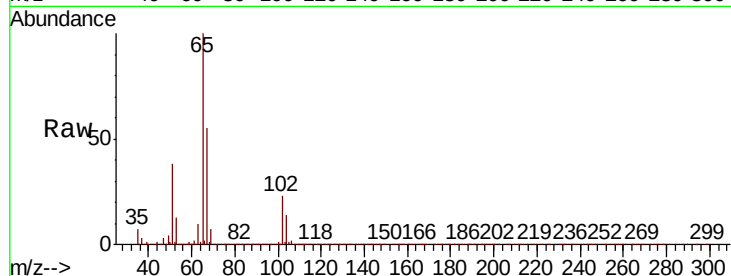




#33
 1,2-Dichloroethane-d4
 Concen: 50.252 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014312.D
 Acq: 27 Dec 2019 16:31

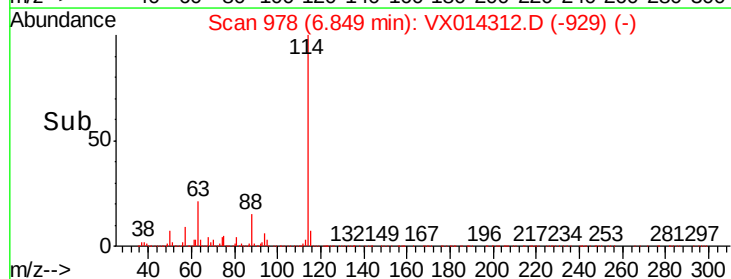
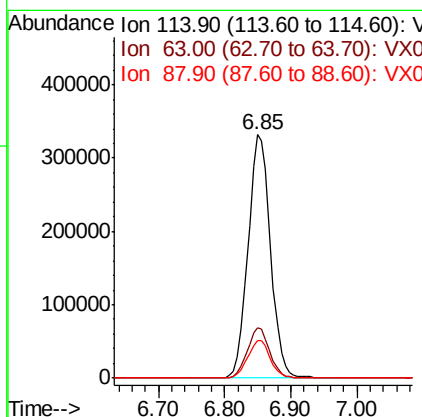
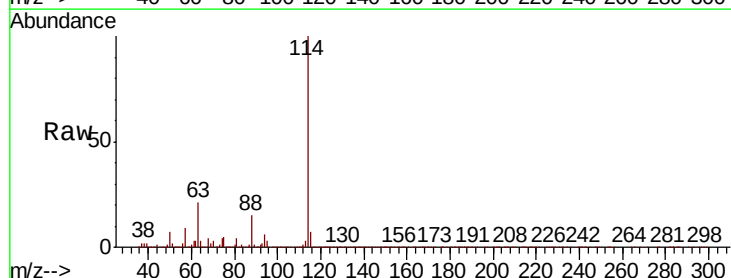
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3

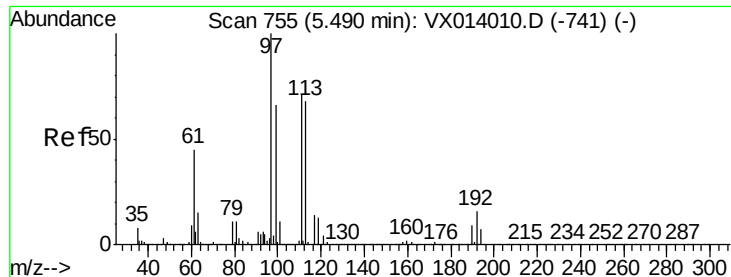
Tot Ion: 65 Resp: 287260
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014312.D
 Acq: 27 Dec 2019 16:31

Tgt Ion: 114 Resp: 784000
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.808 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014312.D

Acq: 27 Dec 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

GW-3

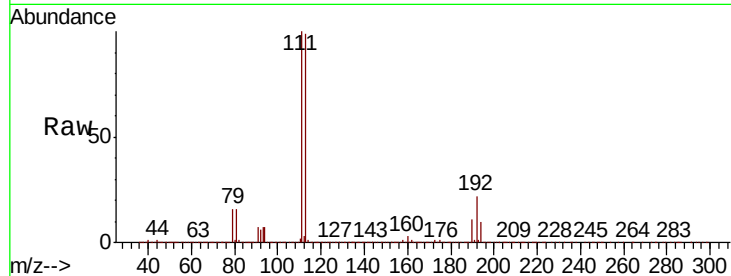
Tot Ion:113 Resp: 237379

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

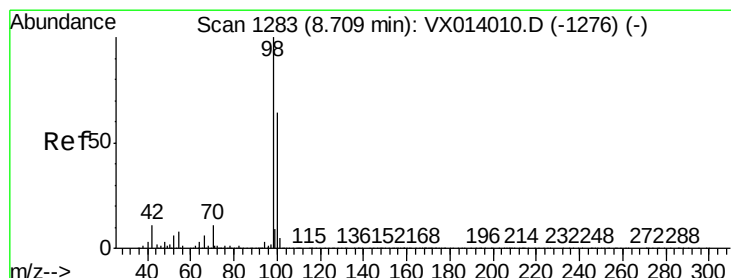
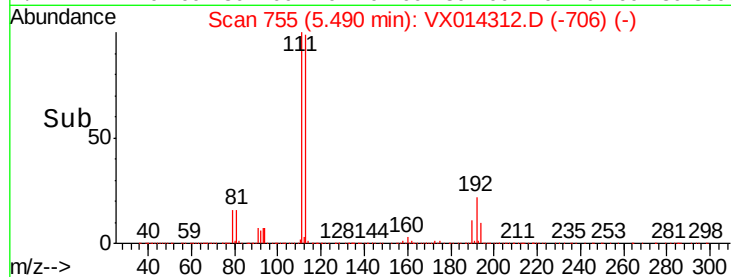
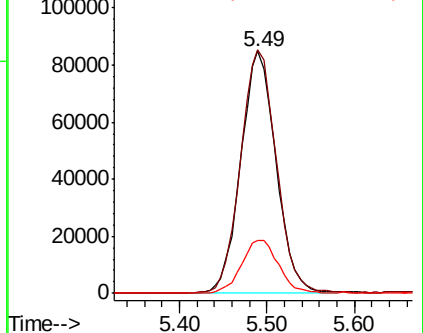
192 23.2 19.3 28.9



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: 50.150 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014312.D

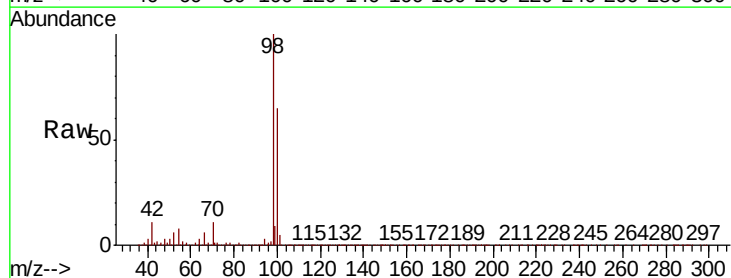
Acq: 27 Dec 2019 16:31

Tgt Ion: 98 Resp: 930515

Ion Ratio Lower Upper

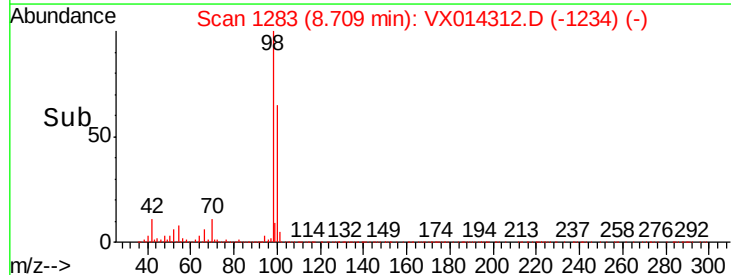
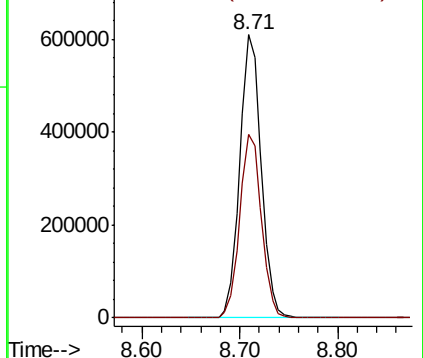
98 100

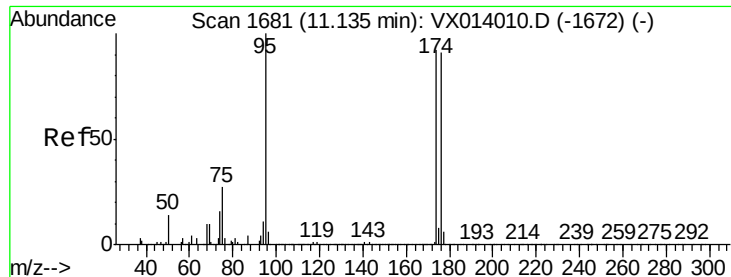
100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.034 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014312.D

Acq: 27 Dec 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

GW-3

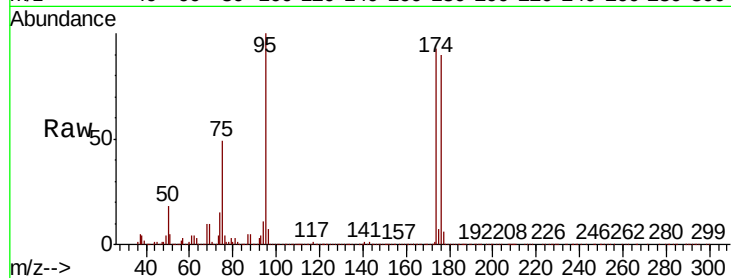
Tot Ion: 95 Resp: 305444

Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.8

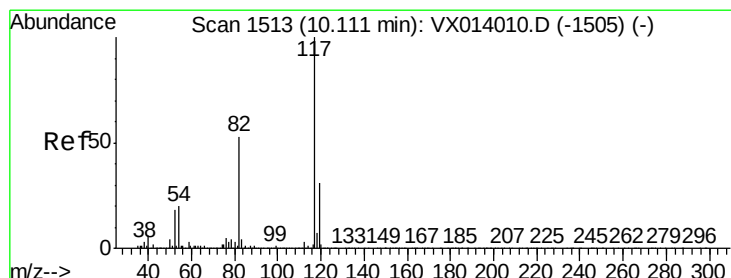
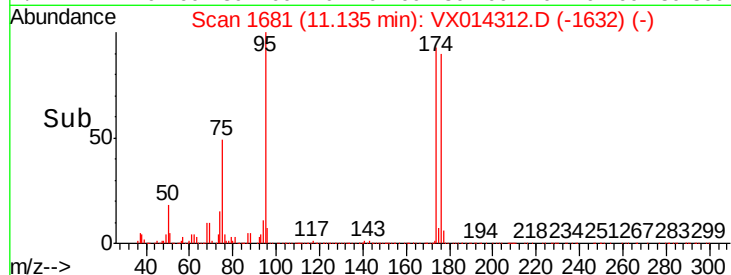
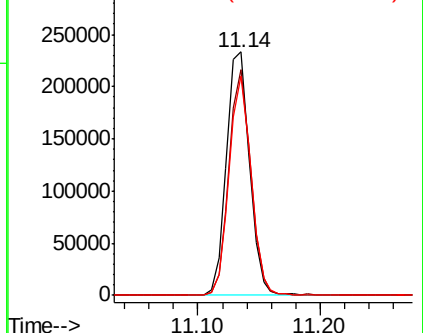
176 85.4 0.0 173.0



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: VX014312.D

Acq: 27 Dec 2019 16:31

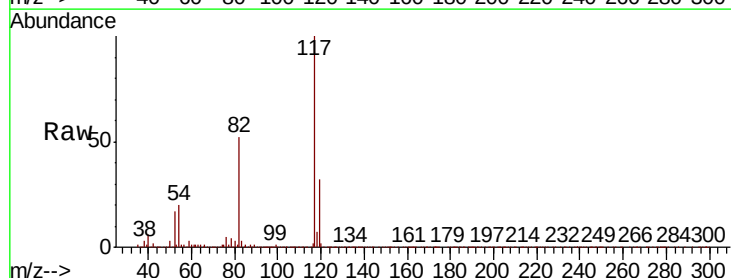
Tgt Ion: 117 Resp: 700898

Ion Ratio Lower Upper

117 100

82 52.4 42.2 63.4

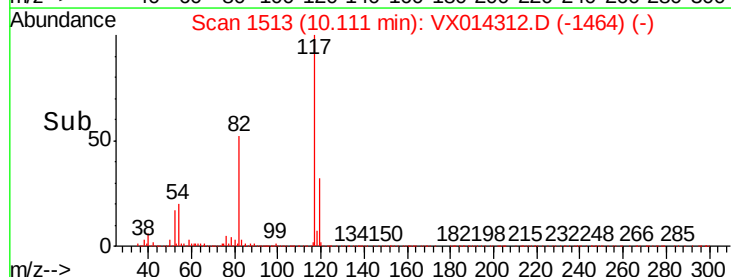
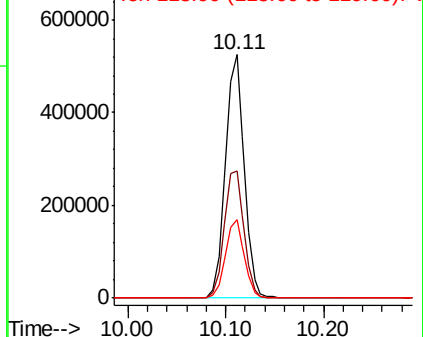
119 32.3 25.1 37.7

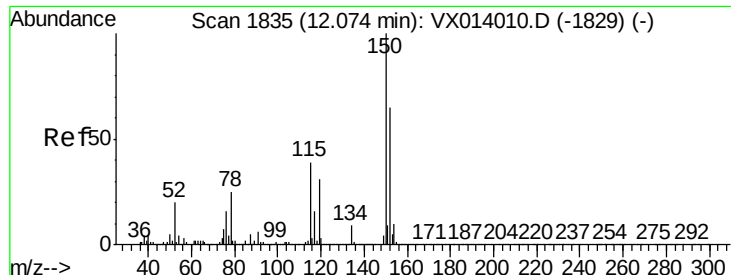


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014312.D

Acq: 27 Dec 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

GW-3

Tot Ion:152 Resp: 299480

Ion Ratio Lower Upper

152 100

115 55.5 38.3 114.9

150 156.1 0.0 345.4

