

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014357.D
 Acq On : 30 Dec 2019 16:33
 Operator : JC/SP
 Sample : K6431-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1

Quant Time: Dec 31 03:11:29 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

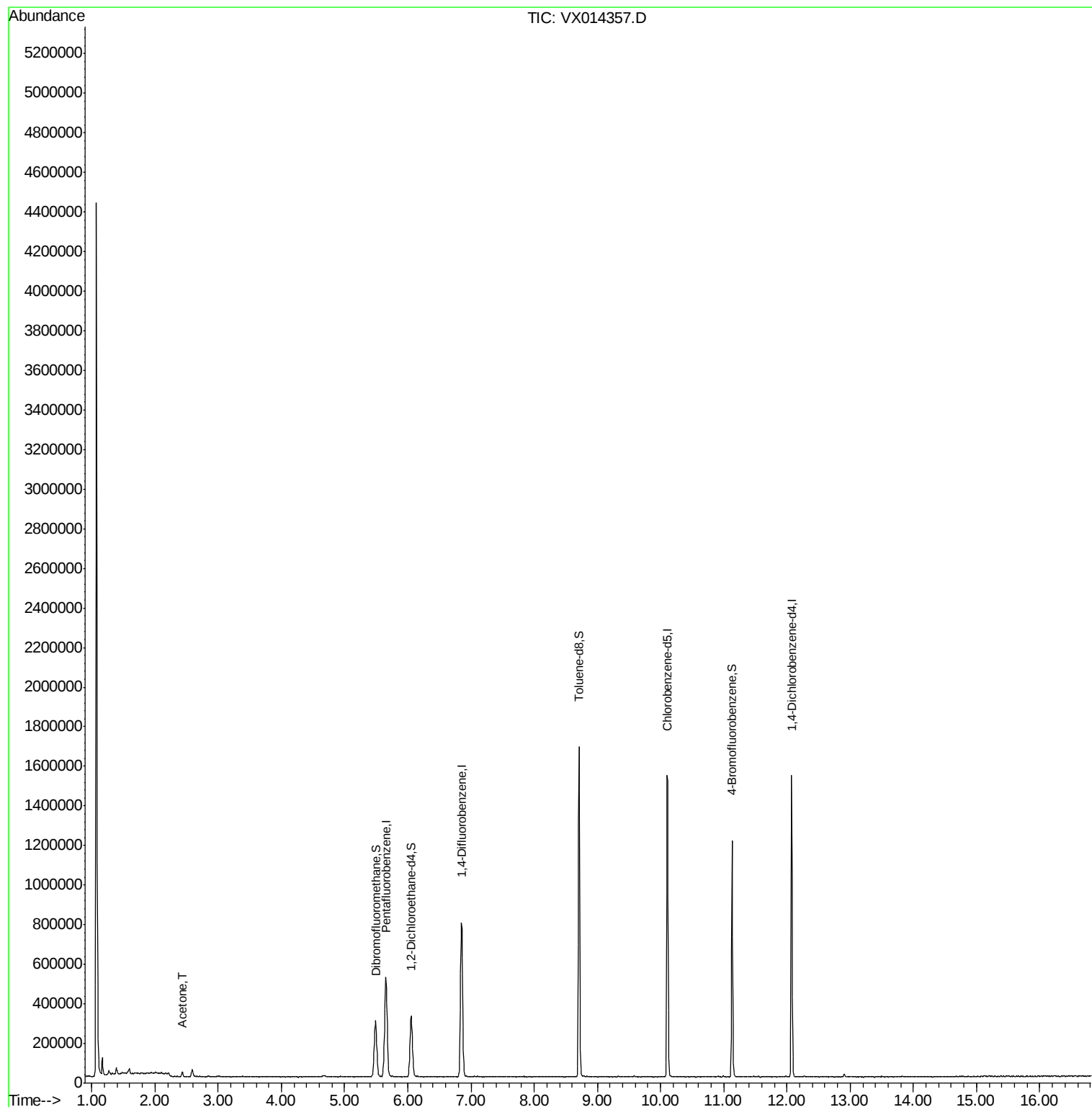
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	520606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	810380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	723670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	292800	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
35) Dibromofluoromethane	5.49	113	242145	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	963084	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.14	95	320568	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
Target Compounds						
16) Acetone	2.43	43	24311	6.347	ug/l	Qvalue 96

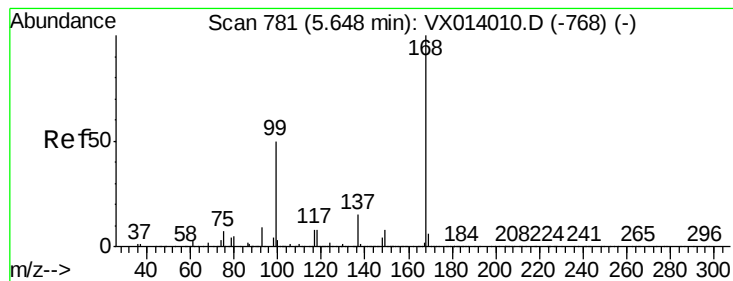
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014357.D

Acq: 30 Dec 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

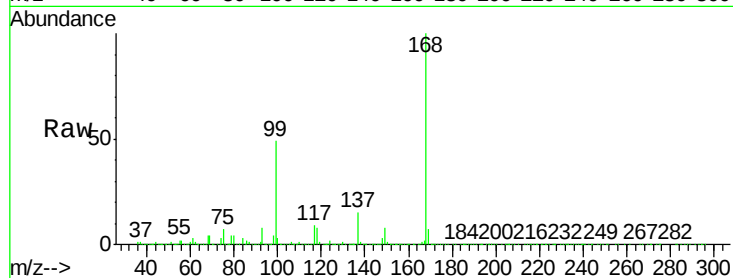
GW-1

Tot Ion:168 Resp: 520606

Ion Ratio Lower Upper

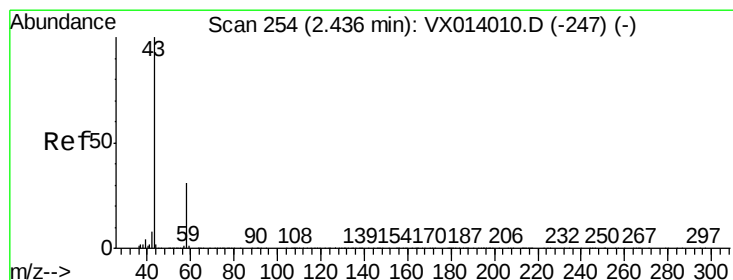
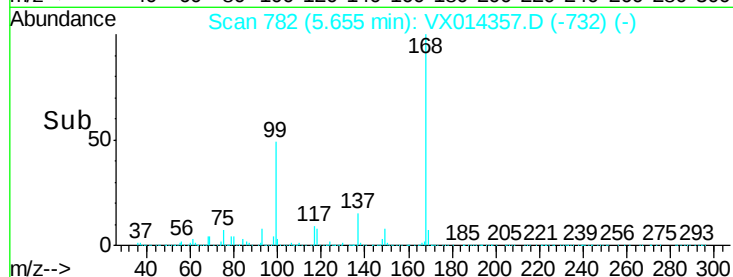
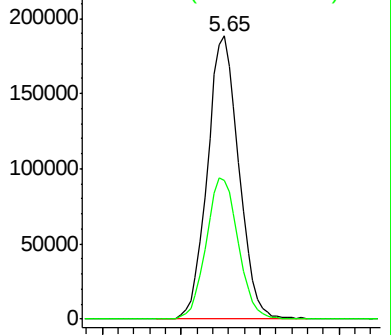
168 100

99 48.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.347 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014357.D

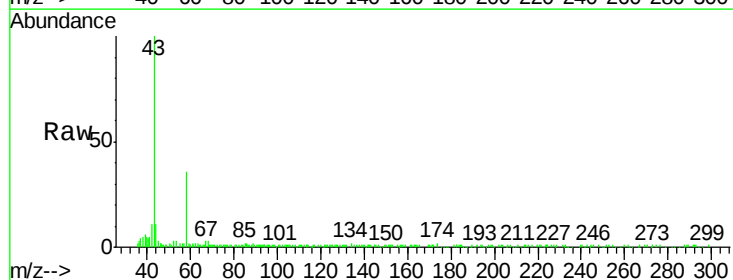
Acq: 30 Dec 2019 16:33

Tgt Ion: 43 Resp: 24311

Ion Ratio Lower Upper

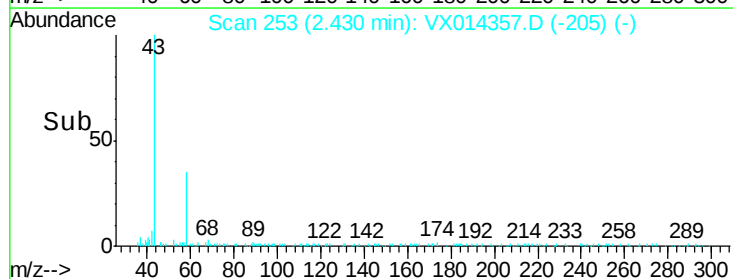
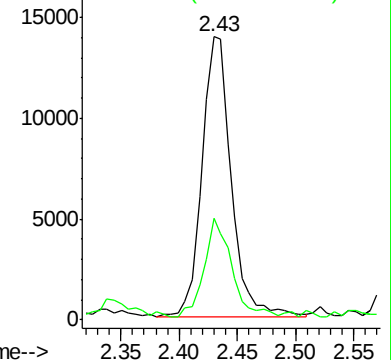
43 100

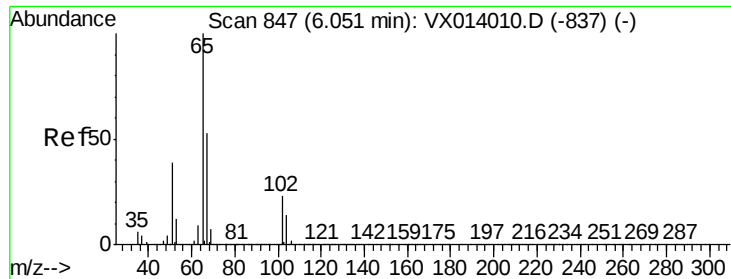
58 33.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.624 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014357.D

Acq: 30 Dec 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

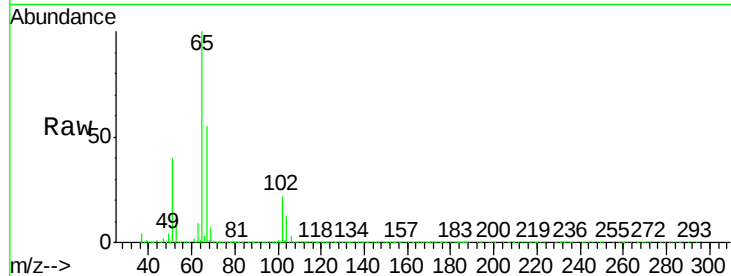
GW-1

Tot Ion: 65 Resp: 292800

Ion Ratio Lower Upper

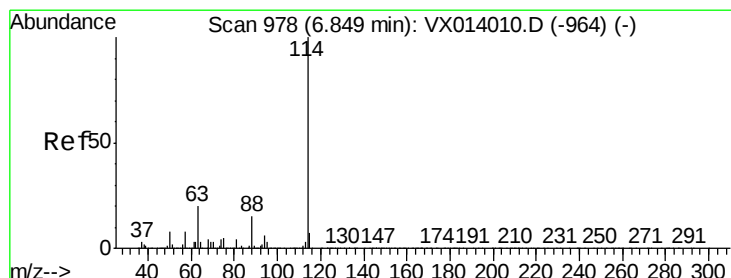
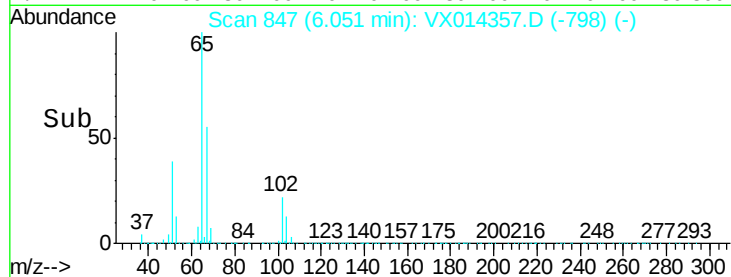
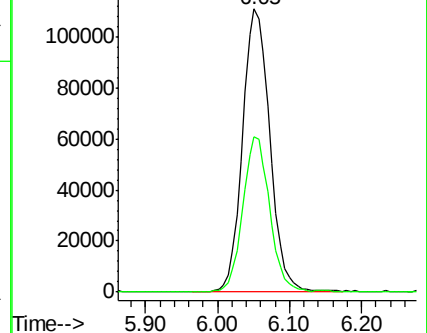
65 100

67 53.4 0.0 106.4



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014357.D

Acq: 30 Dec 2019 16:33

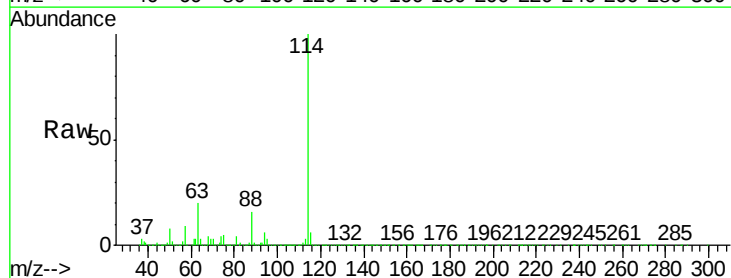
Tgt Ion: 114 Resp: 810380

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

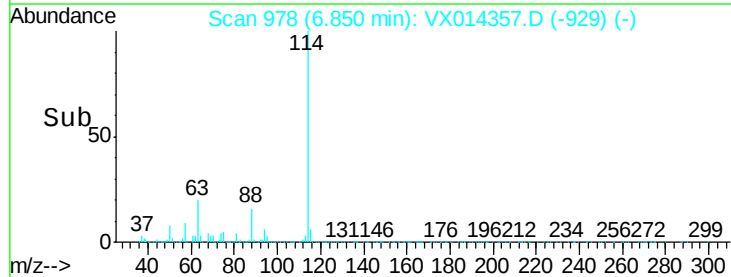
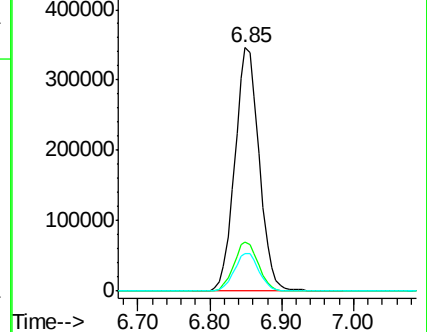
88 15.5 0.0 30.4



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: 49.154 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014357.D

Acq: 30 Dec 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

GW-1

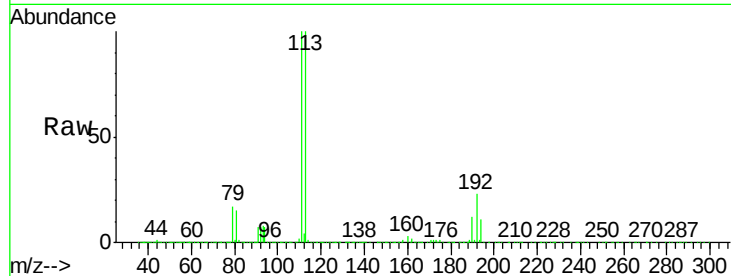
Tot Ion:113 Resp: 242145

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

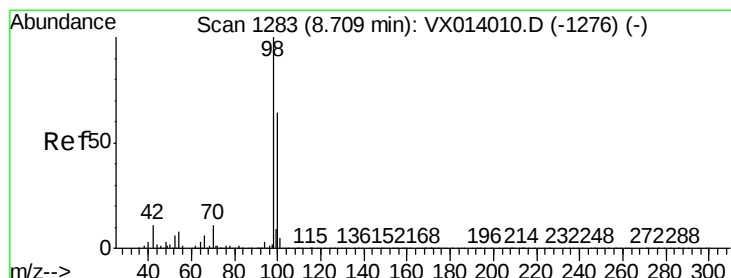
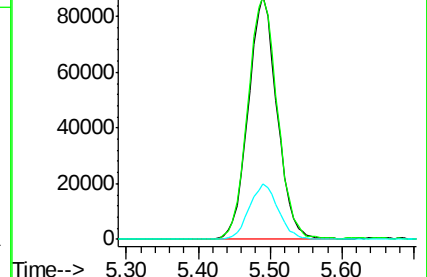
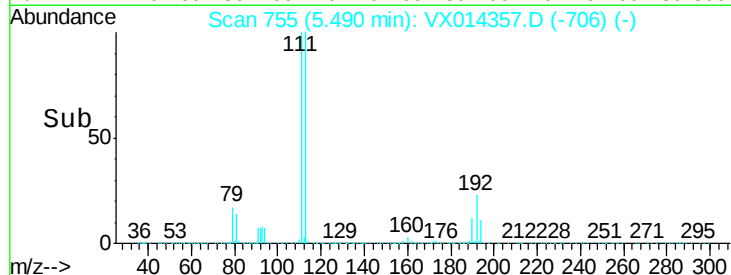
192 23.1 19.3 28.9



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: 50.216 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014357.D

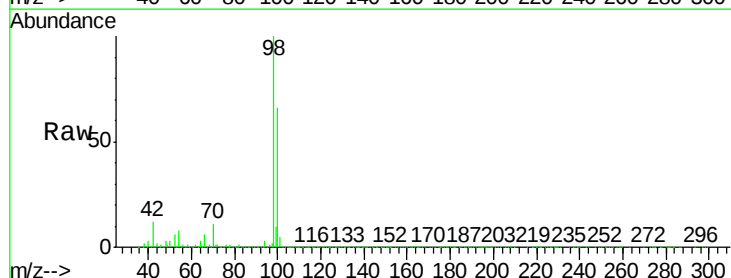
Acq: 30 Dec 2019 16:33

Tgt Ion: 98 Resp: 963084

Ion Ratio Lower Upper

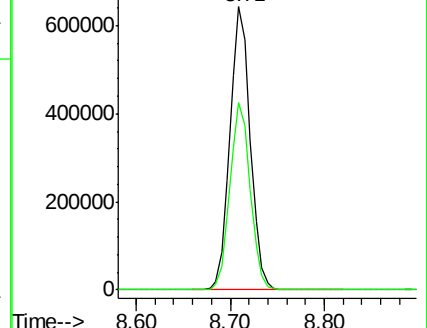
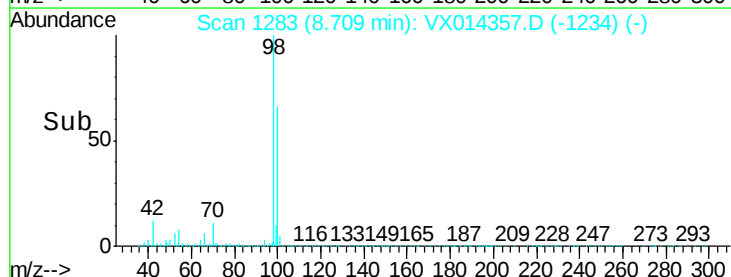
98 100

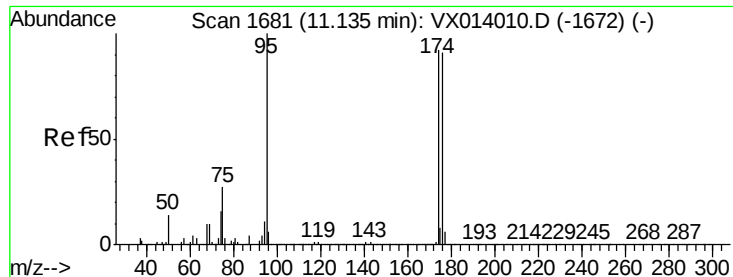
100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

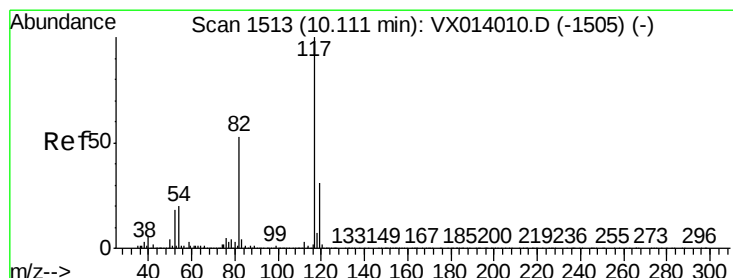
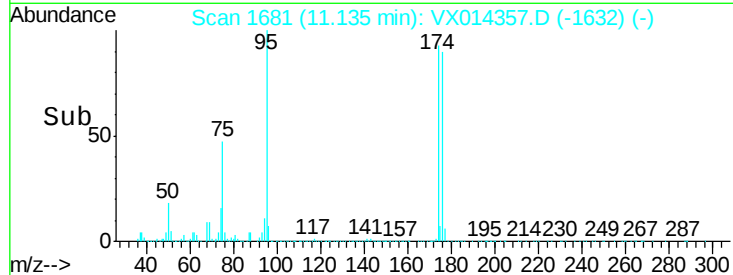
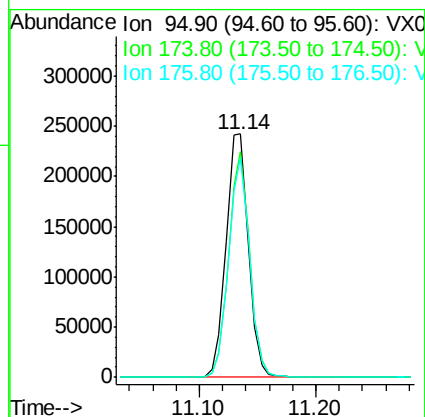
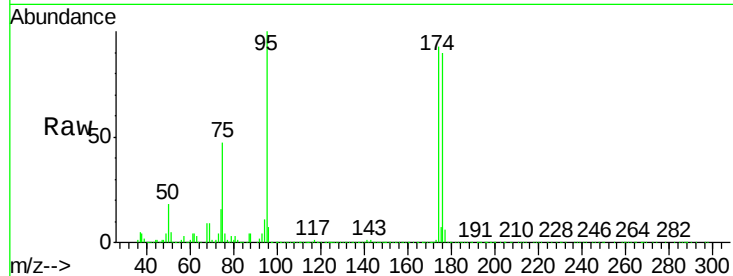




#62
4-Bromofluorobenzene
Concen: 45.725 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014357.D
Acq: 30 Dec 2019 16:33

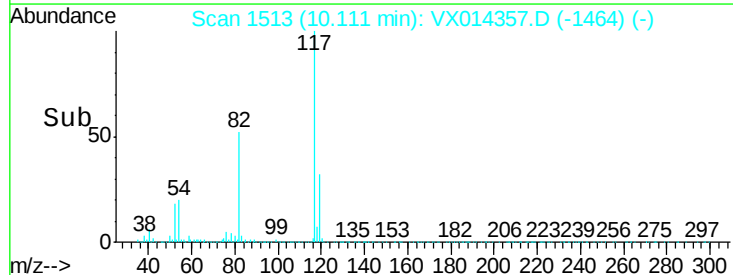
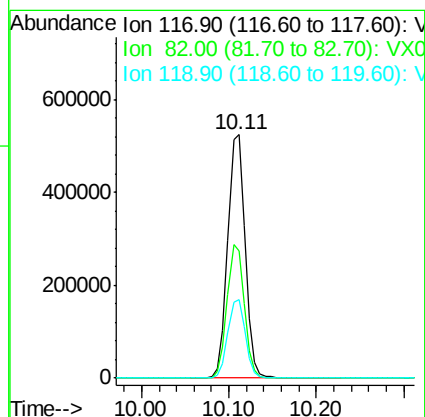
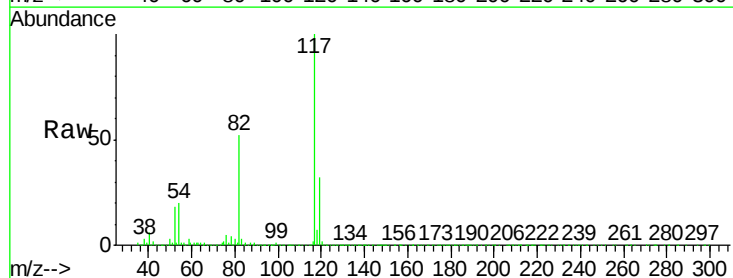
Instrument :
MSVOA_X
ClientSampleId :
GW-1

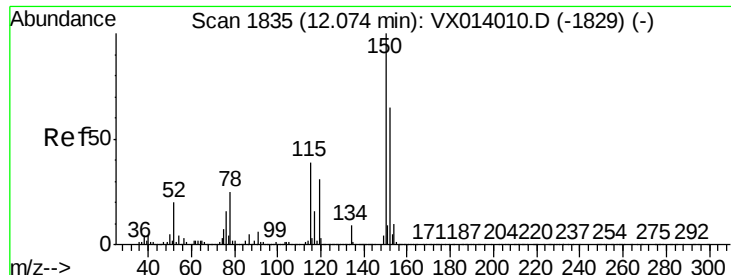
Tot Ion: 95 Resp: 320568
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.8
176 85.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014357.D
Acq: 30 Dec 2019 16:33

Tgt Ion: 117 Resp: 723670
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.4
119 32.2 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: VX014357.D

Acq: 30 Dec 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

GW-1

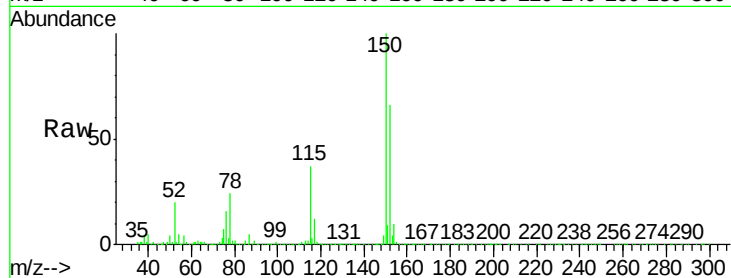
Tot Ion:152 Resp: 317507

Ion Ratio Lower Upper

152 100

115 55.5 38.3 114.9

150 155.7 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

