

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014358.D
 Acq On : 30 Dec 2019 16:56
 Operator : JC/SP
 Sample : K6461-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-4

Quant Time: Dec 31 03:14:50 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	514213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	801907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	722820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	313437	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	288470	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	5.49	113	242824	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.71	98	957850	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.13	95	319569	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	

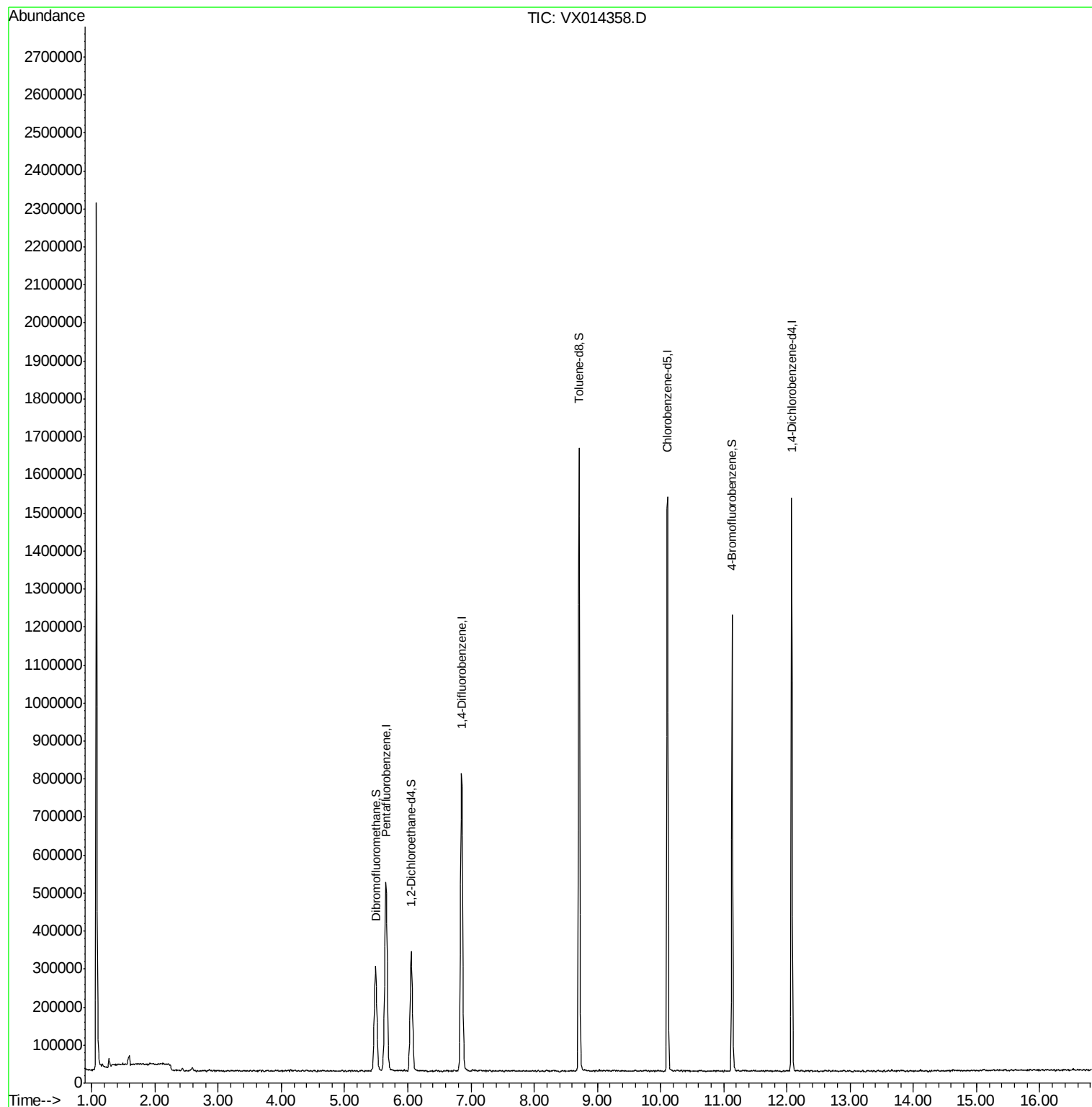
Target Compounds	Qvalue
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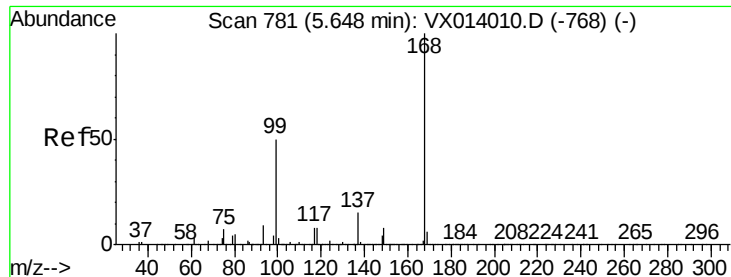
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014358.D

Acq: 30 Dec 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

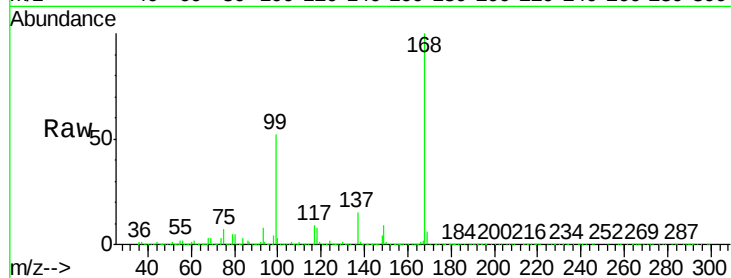
GW-4

Tot Ion:168 Resp: 514213

Ion Ratio Lower Upper

168 100

99 51.8 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

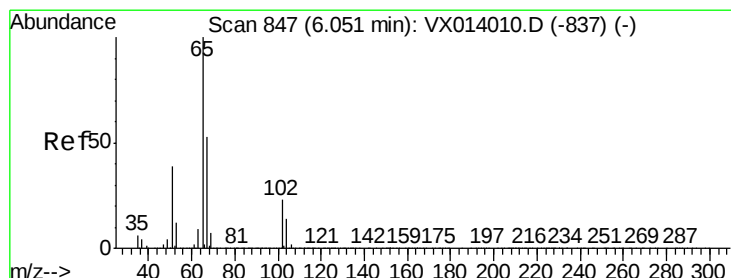
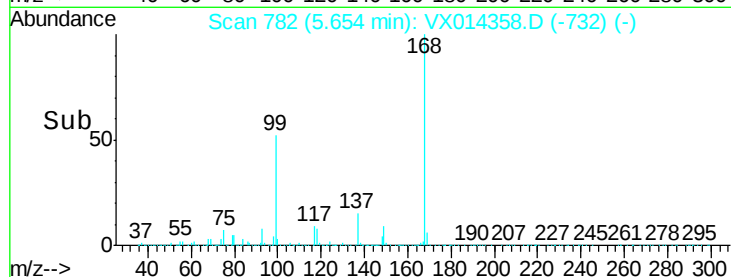
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.498 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014358.D

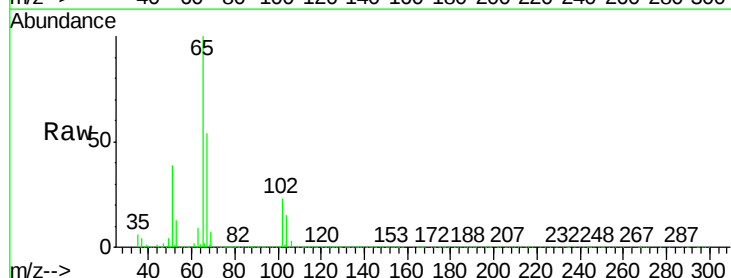
Acq: 30 Dec 2019 16:56

Tgt Ion: 65 Resp: 288470

Ion Ratio Lower Upper

65 100

67 53.8 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

120000

100000

80000

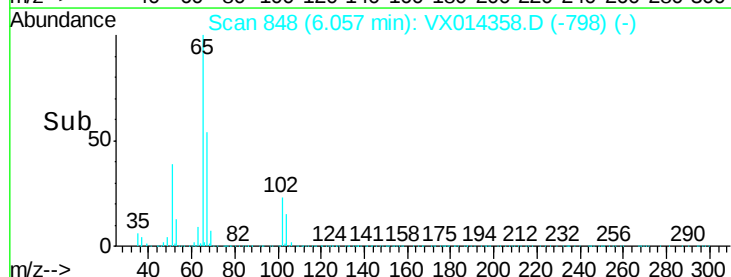
60000

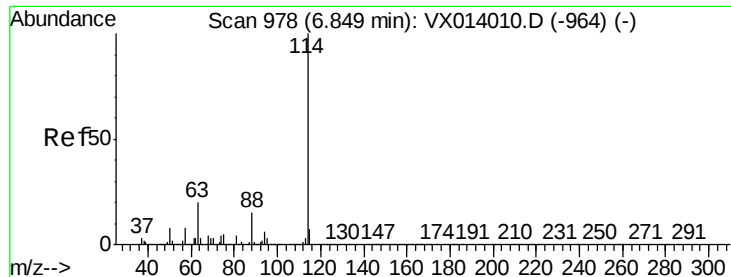
40000

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: VX014358.D

Acq: 30 Dec 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

GW-4

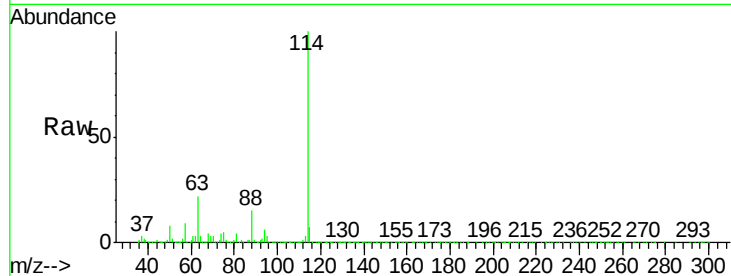
Tot Ion:114 Resp: 801907

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

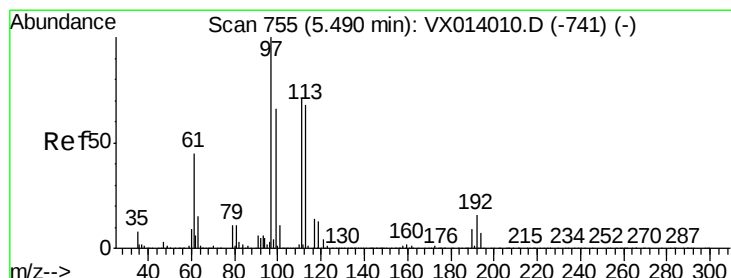
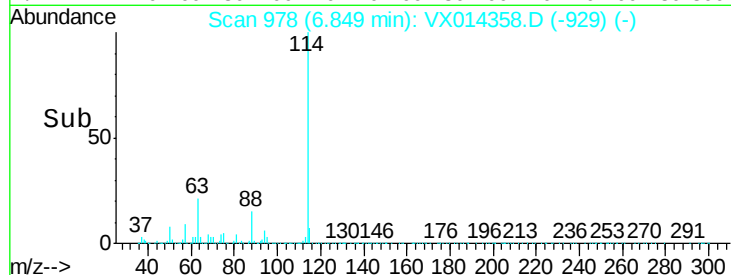
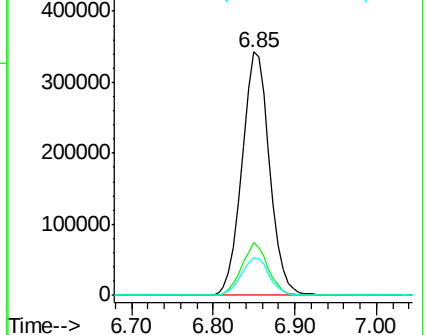
88 15.4 0.0 30.4



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: 49.813 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014358.D

Acq: 30 Dec 2019 16:56

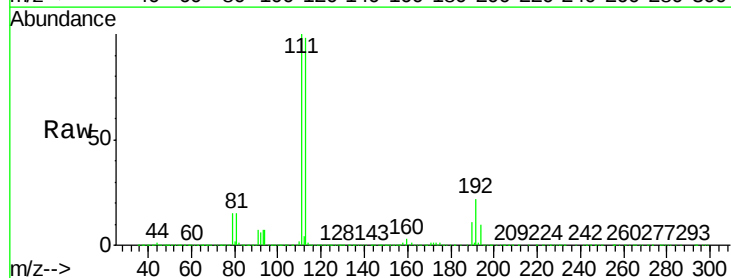
Tgt Ion:113 Resp: 242824

Ion Ratio Lower Upper

113 100

111 100.9 82.0 123.0

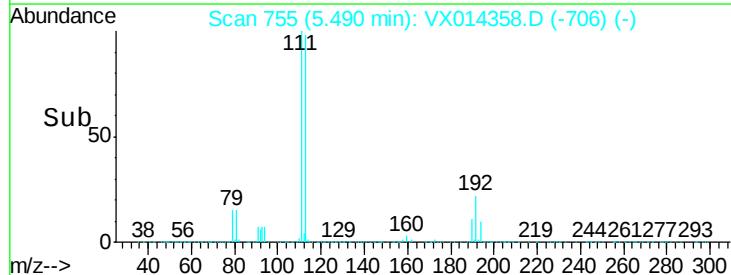
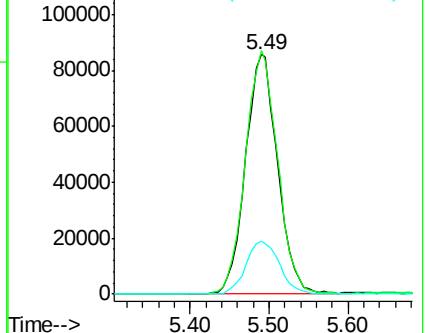
192 23.1 19.3 28.9

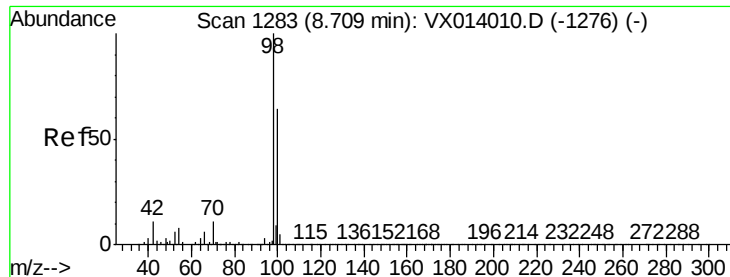


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.470 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014358.D

Acq: 30 Dec 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

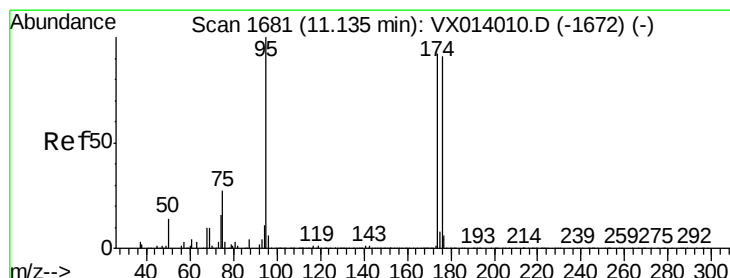
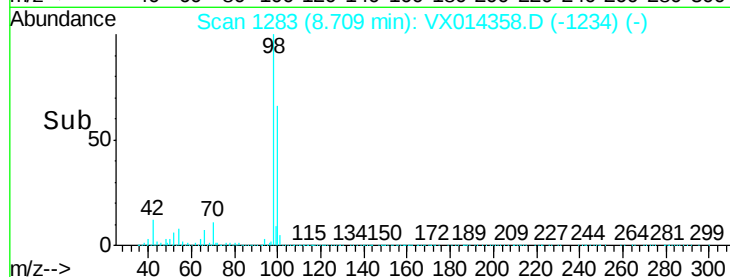
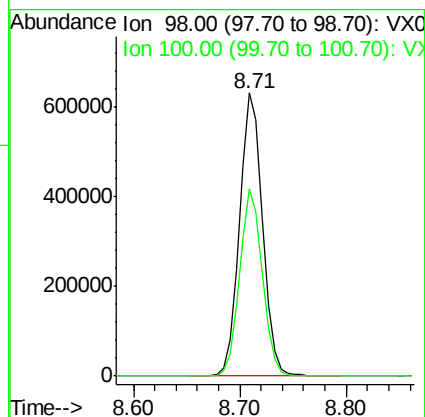
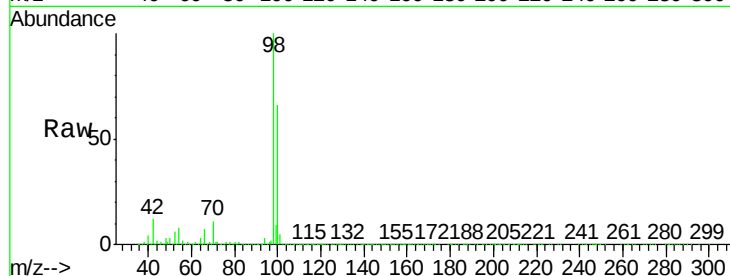
GW-4

Tot Ion: 98 Resp: 957850

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.064 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014358.D

Acq: 30 Dec 2019 16:56

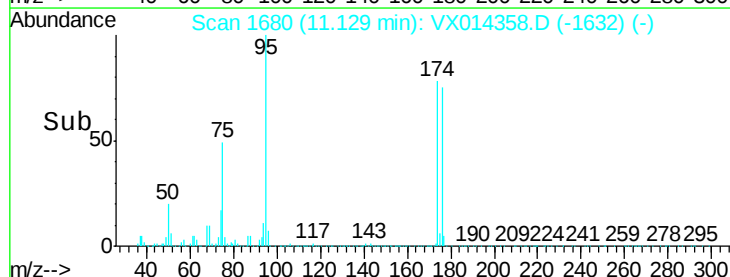
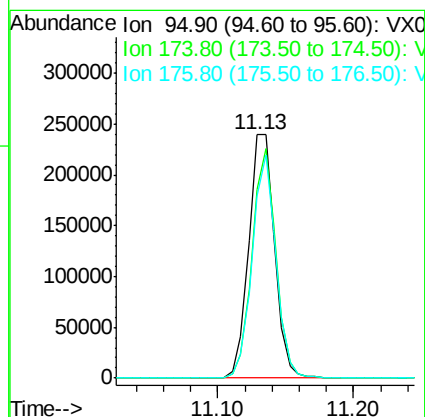
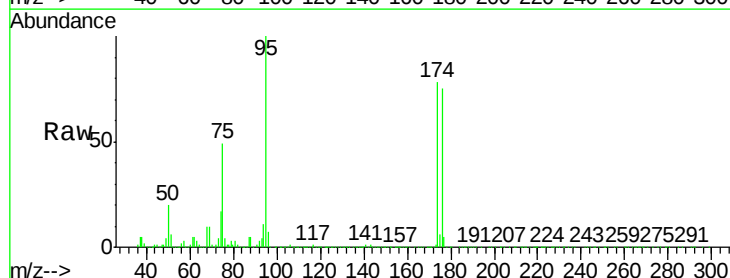
Tgt Ion: 95 Resp: 319569

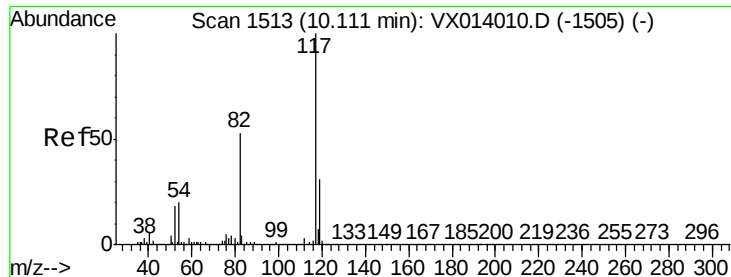
Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.8

176 84.6 0.0 173.0

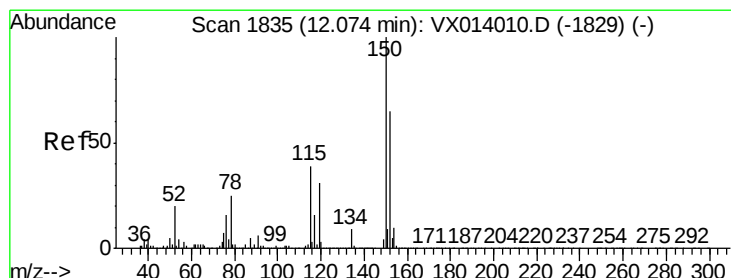
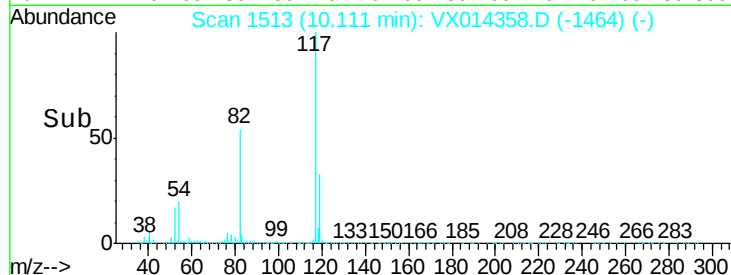
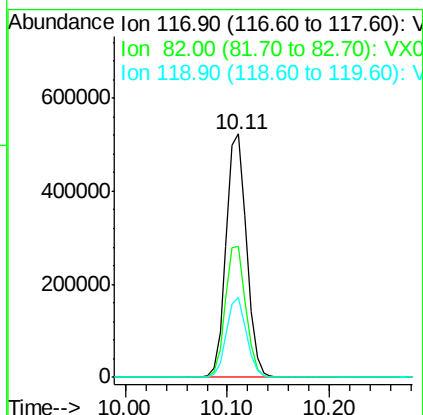
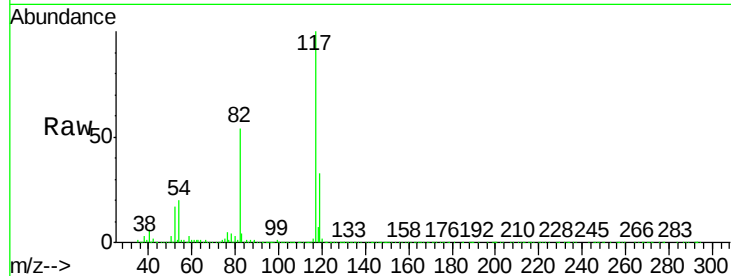




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014358.D
Acq: 30 Dec 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
GW-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.2	63.4
119	33.0	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: VX014358.D
Acq: 30 Dec 2019 16:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	38.3	114.9
150	156.9	0.0	345.4

