

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014150.D
 Acq On : 20 Dec 2019 04:05
 Operator : JC/SP
 Sample : K6372-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Dec 20 05:38:53 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

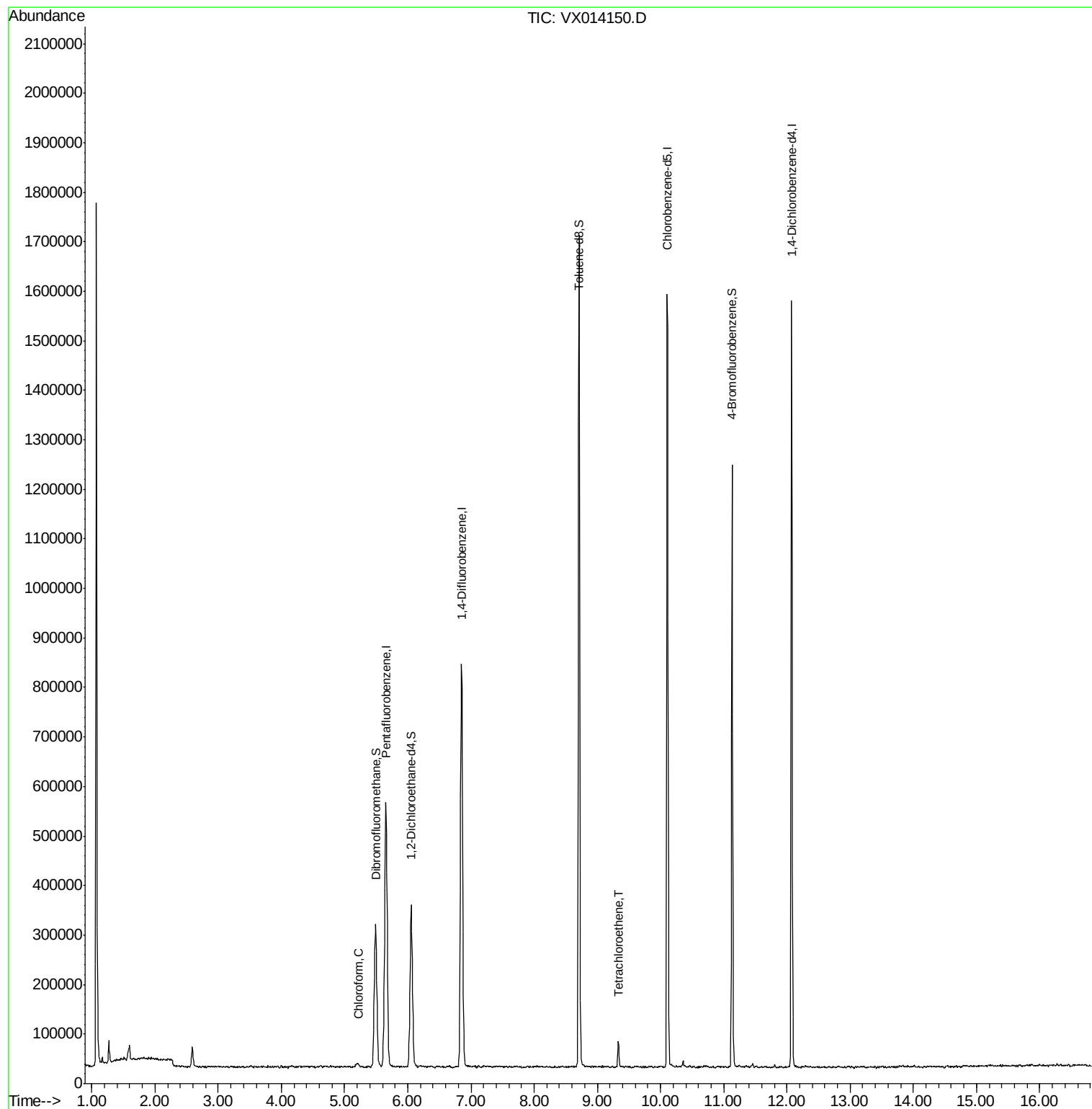
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	552050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	749548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	302600	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
35) Dibromofluoromethane	5.49	113	245812	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	8.71	98	996110	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.13	95	327001	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
30) Chloroform	5.21	83	10939	1.098	ug/l	89
64) Tetrachloroethene	9.33	164	10983	1.656	ug/l	97

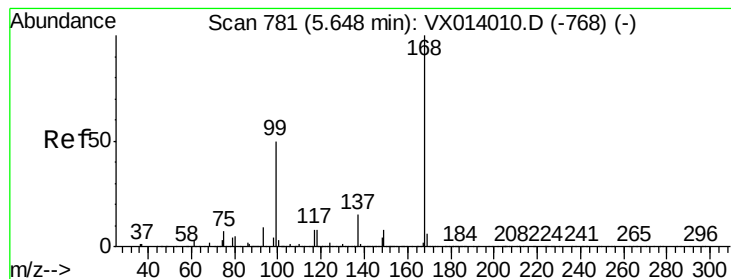
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014150.D

Acq: 20 Dec 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

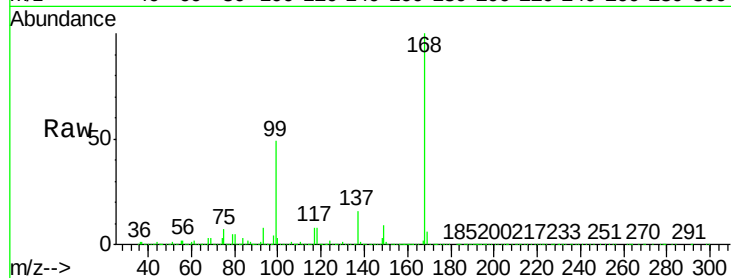
MW-8

Tot Ion:168 Resp: 552050

Ion Ratio Lower Upper

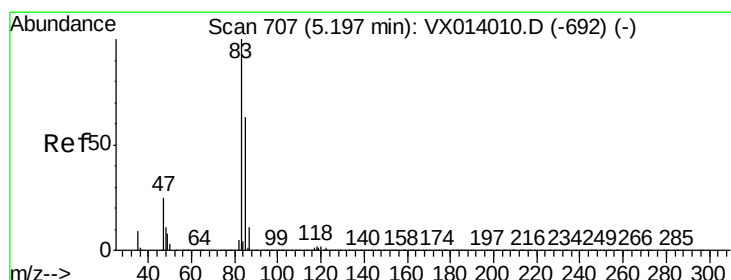
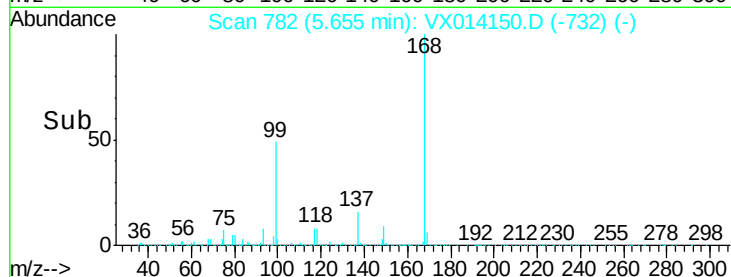
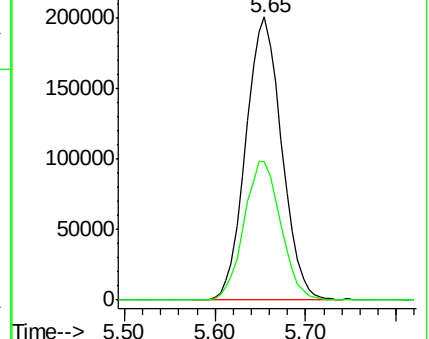
168 100

99 49.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#30

Chloroform

Concen: 1.098 ug/l

RT: 5.21 min Scan# 709

Delta R.T. 0.01 min

Lab File: VX014150.D

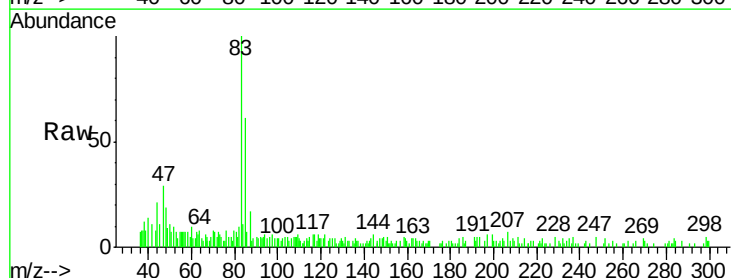
Acq: 20 Dec 2019 04:05

Tgt Ion: 83 Resp: 10939

Ion Ratio Lower Upper

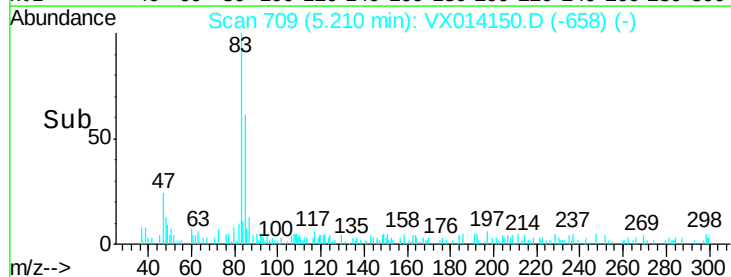
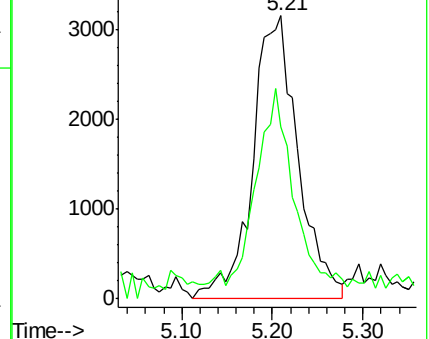
83 100

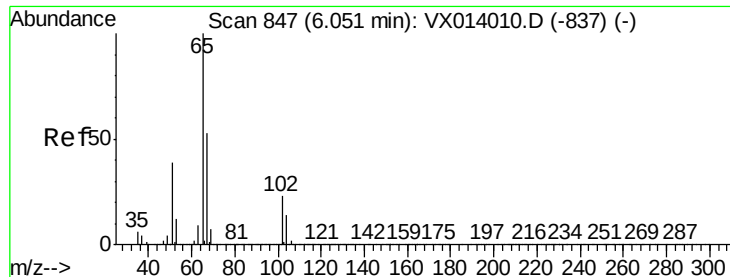
85 54.7 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.364 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014150.D

Acq: 20 Dec 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

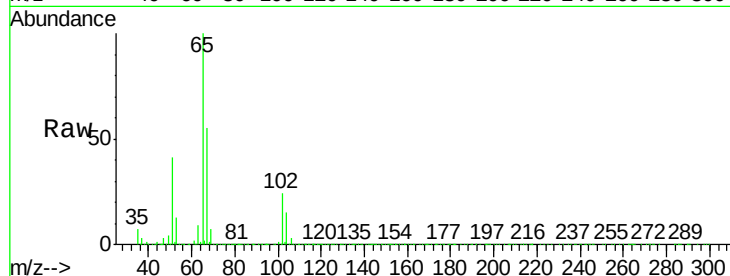
MW-8

Tot Ion: 65 Resp: 302600

Ion Ratio Lower Upper

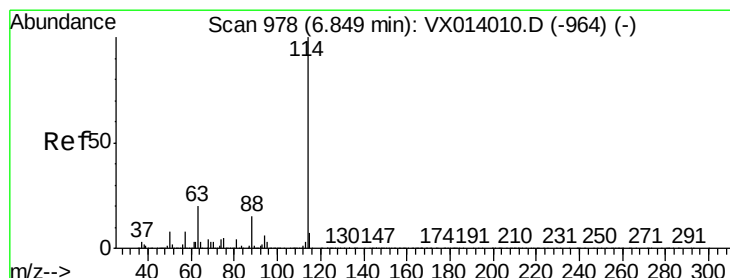
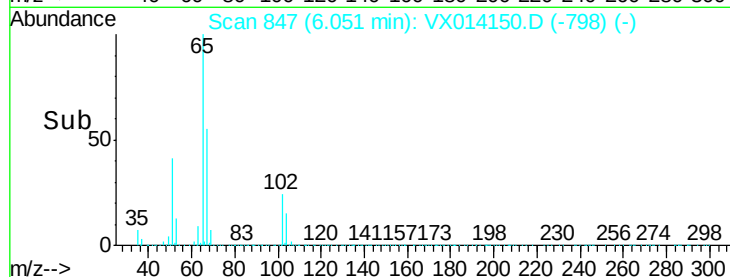
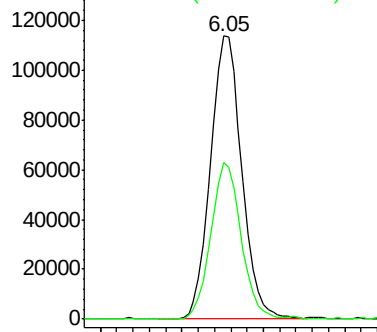
65 100

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: VX014150.D

Acq: 20 Dec 2019 04:05

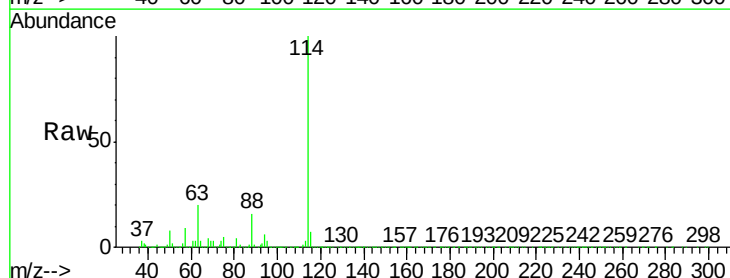
Tgt Ion: 114 Resp: 845401

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

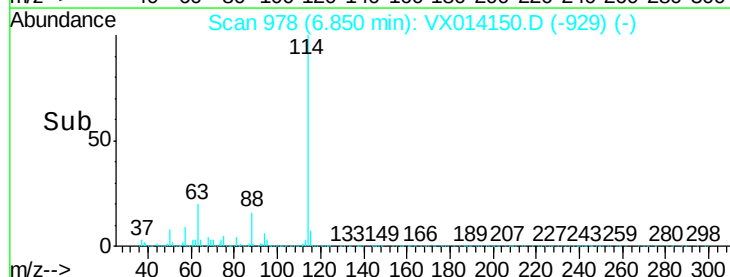
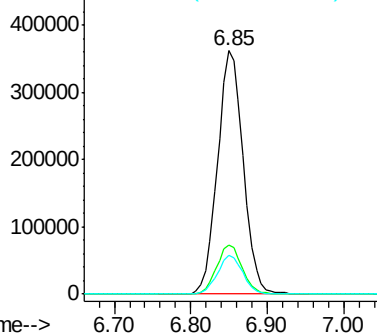
88 15.7 0.0 30.4

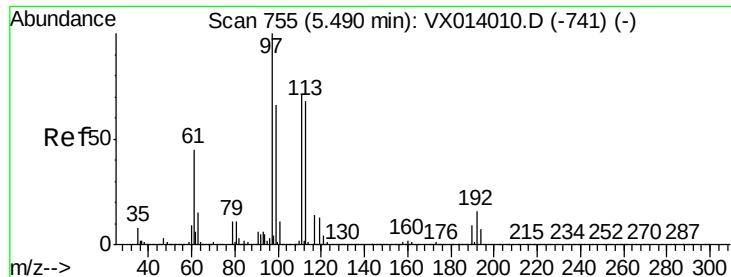


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.832 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014150.D

Acq: 20 Dec 2019 04:05

Instrument :

MSVOA_X

ClientSampled :

MW-8

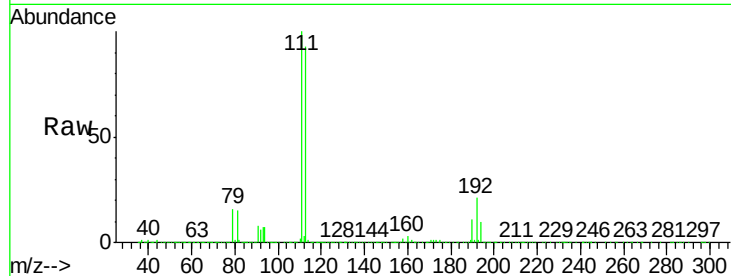
Tot Ion:113 Resp: 245812

Ion Ratio Lower Upper

113 100

111 104.6 82.0 123.0

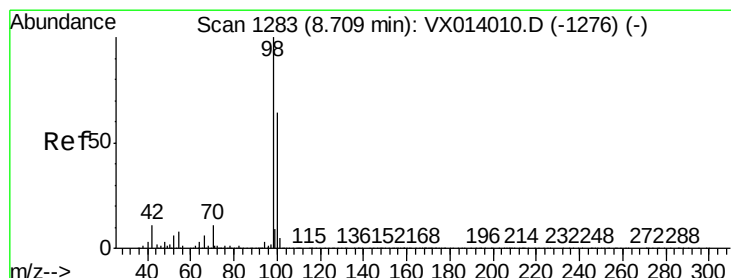
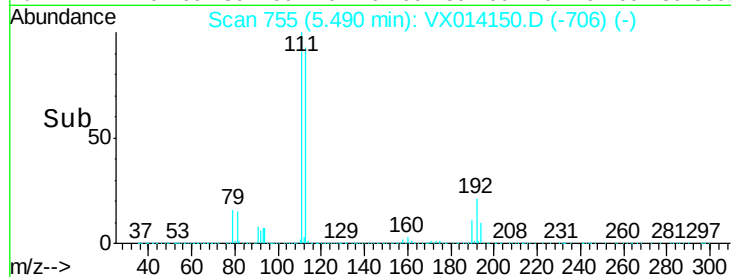
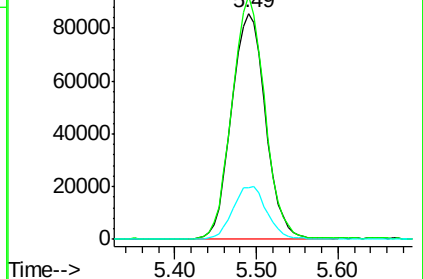
192 23.7 19.3 28.9



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: 49.786 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014150.D

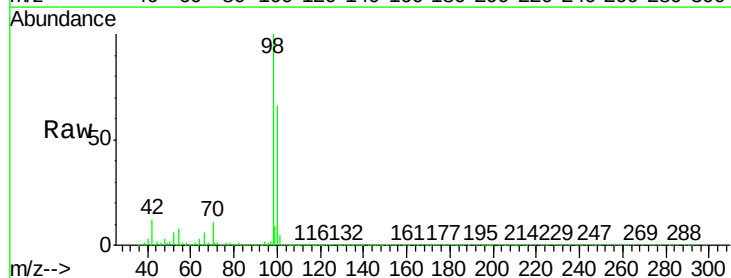
Acq: 20 Dec 2019 04:05

Tgt Ion: 98 Resp: 996110

Ion Ratio Lower Upper

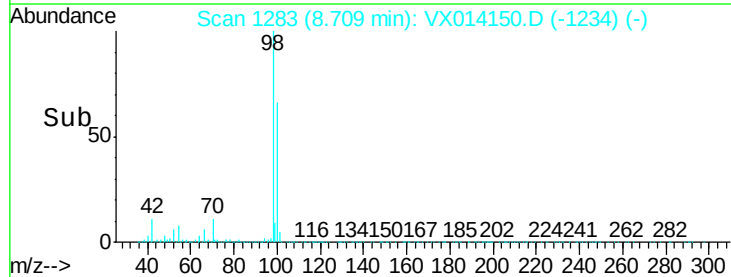
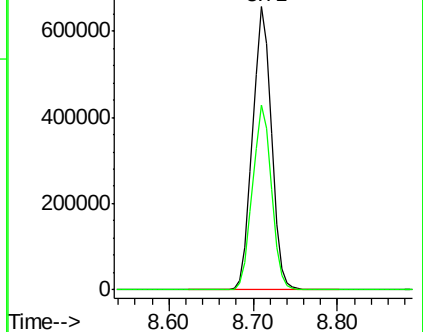
98 100

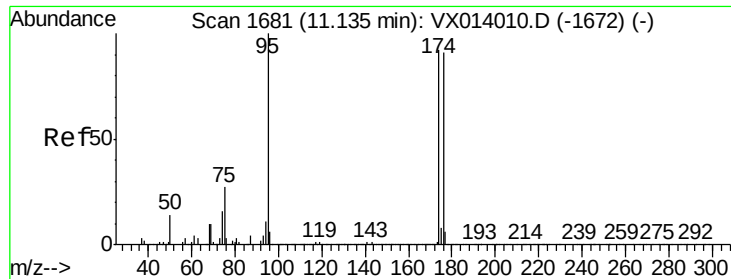
100 65.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

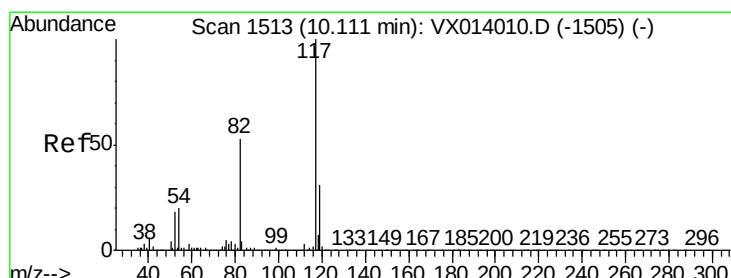
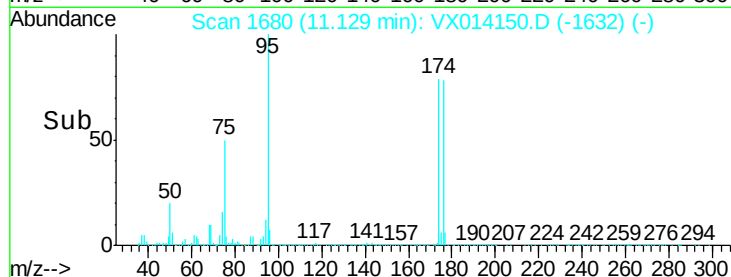
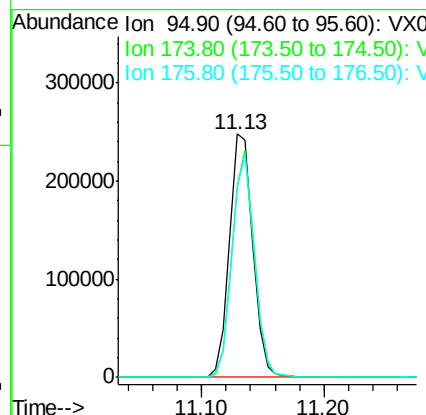
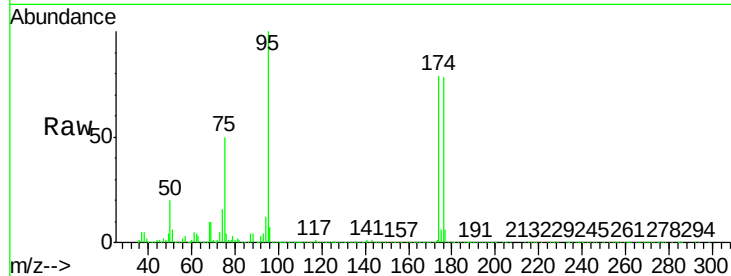




#62
4-Bromofluorobenzene
Concen: 44.710 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014150.D
Acq: 20 Dec 2019 04:05

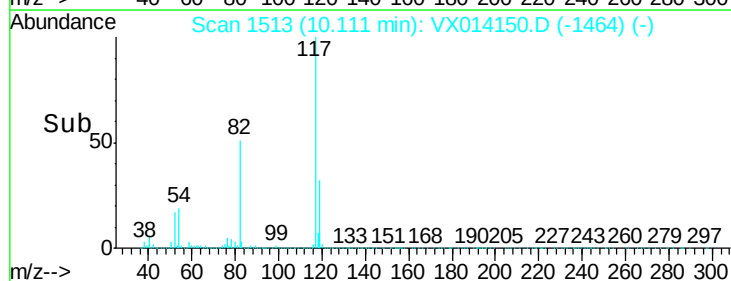
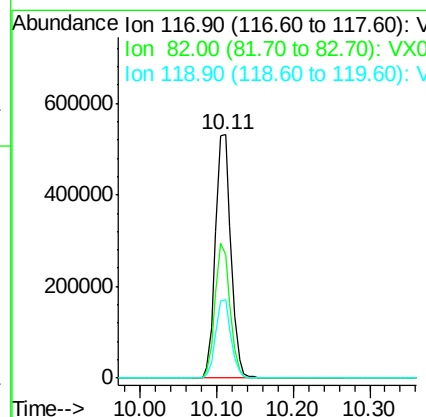
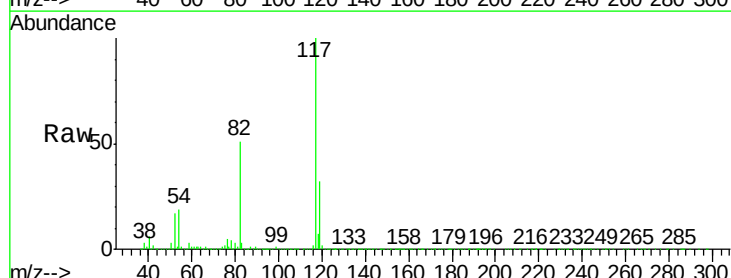
Instrument :
MSVOA_X
ClientSampleId :
MW-8

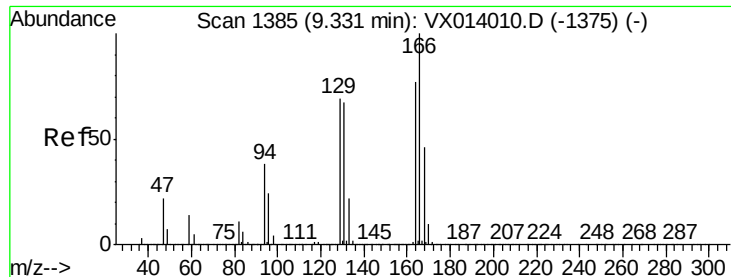
Tot Ion: 95 Resp: 327001
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.8
176 86.6 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014150.D
Acq: 20 Dec 2019 04:05

Tgt Ion: 117 Resp: 749548
Ion Ratio Lower Upper
117 100
82 50.8 42.2 63.4
119 32.2 25.1 37.7





#64

Tetrachloroethene

Concen: 1.656 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014150.D

Acq: 20 Dec 2019 04:05

Instrument :

MSVOA_X

ClientSampleId :

MW-8

Tot Ion:164 Resp: 10983

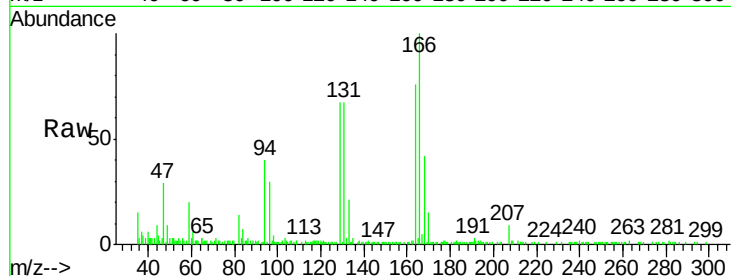
Ion Ratio Lower Upper

164 100

166 133.7 104.0 156.0

129 87.5 72.2 108.4

131 88.6 69.6 104.4

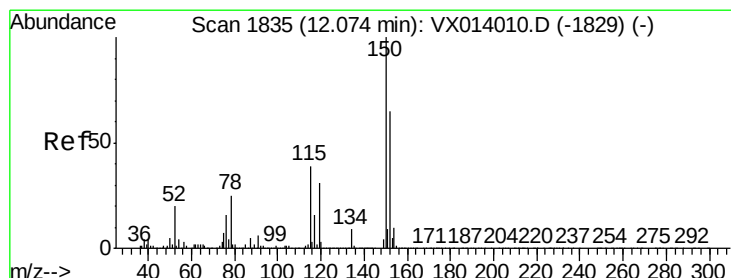
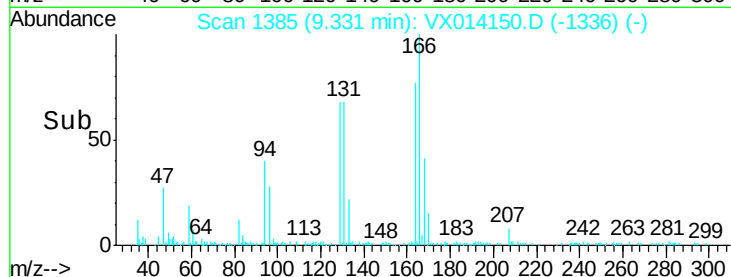
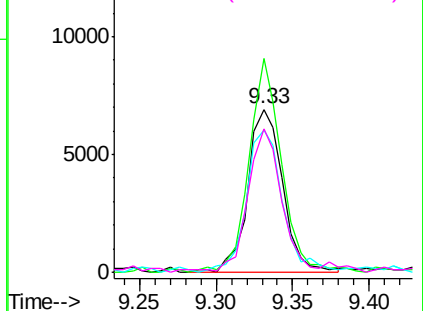


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX014150.D

Acq: 20 Dec 2019 04:05

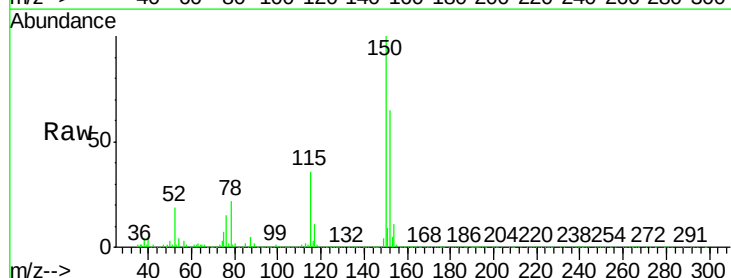
Tgt Ion:152 Resp: 324492

Ion Ratio Lower Upper

152 100

115 55.3 38.3 114.9

150 155.8 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

