

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014152.D
 Acq On : 20 Dec 2019 04:52
 Operator : JC/SP
 Sample : K6372-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10D

Quant Time: Dec 20 05:53:02 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

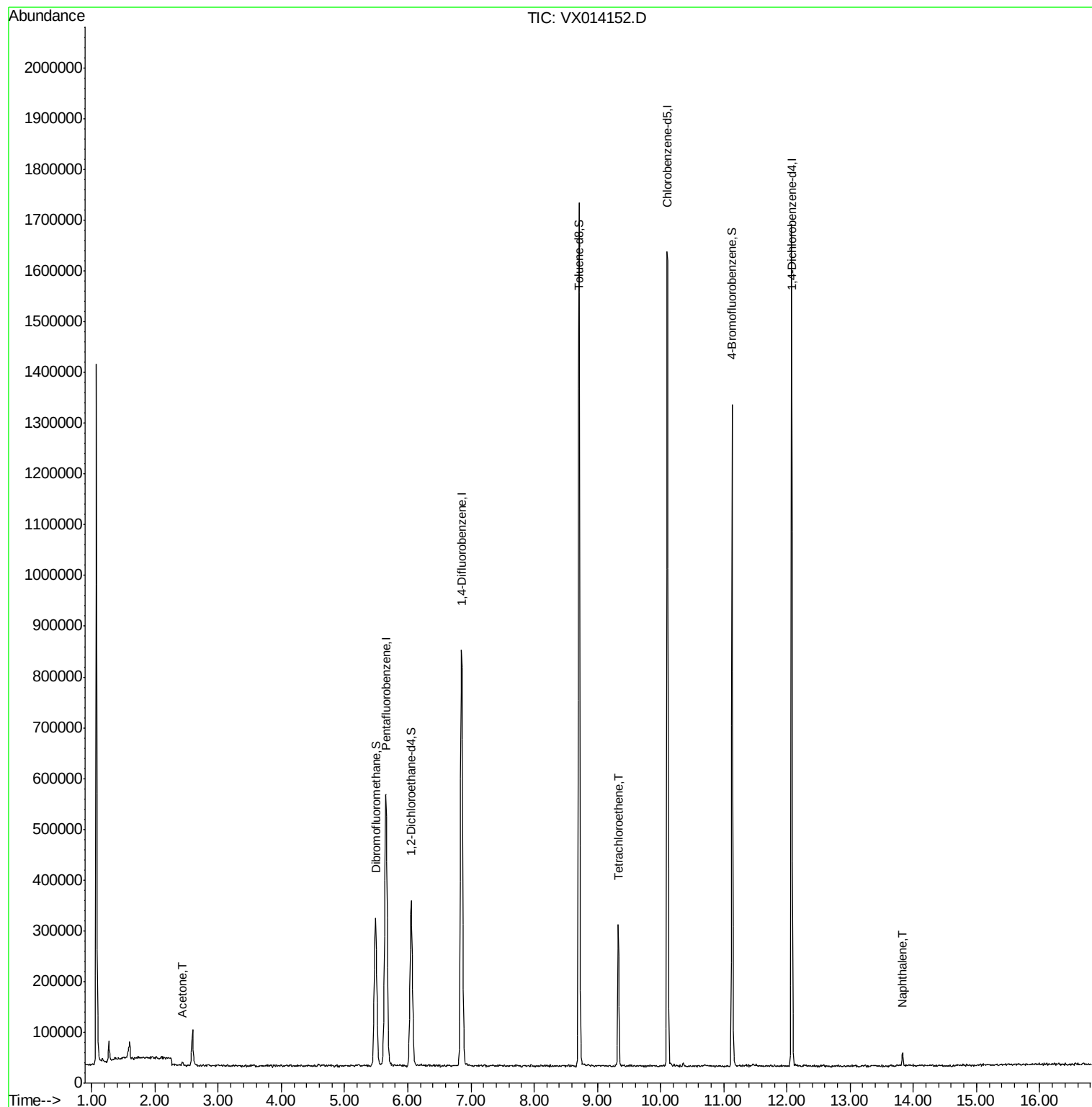
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	564969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	870796	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	773037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	309382	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
35) Dibromofluoromethane	5.49	113	254963	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	8.71	98	1020960	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.13	95	345434	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
16) Acetone	2.43	43	7439	1.790	ug/l	92
64) Tetrachloroethene	9.33	164	56800	8.304	ug/l	96
95) Naphthalene	13.83	128	17864	0.793	ug/l #	94

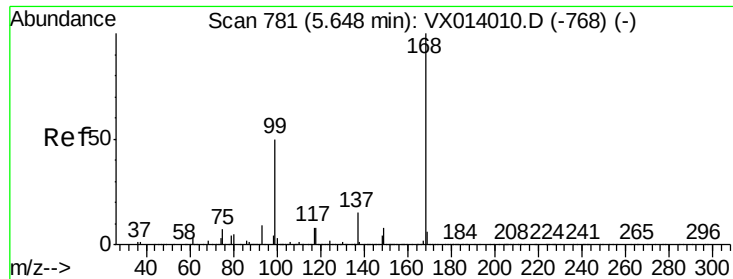
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014152.D

Acq: 20 Dec 2019 04:52

Instrument :

MSVOA_X

ClientSampleId :

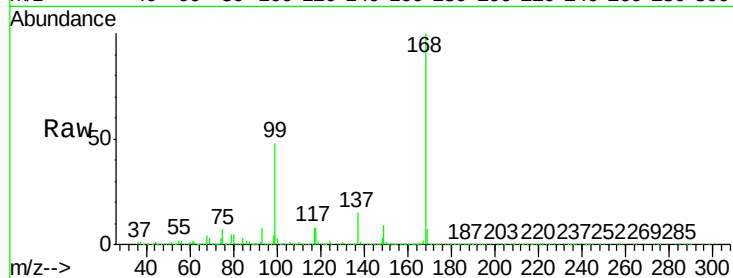
MW-10D

Tot Ion:168 Resp: 564969

Ion Ratio Lower Upper

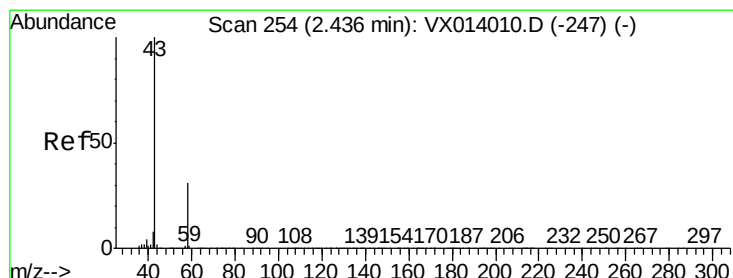
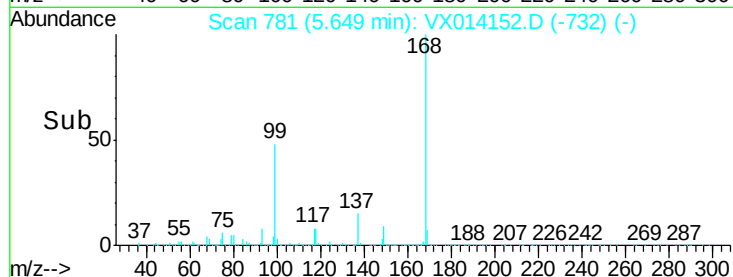
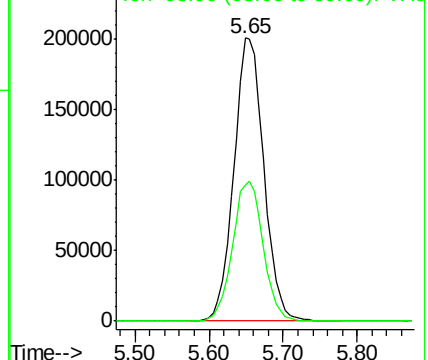
168 100

99 48.1 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: 1.790 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014152.D

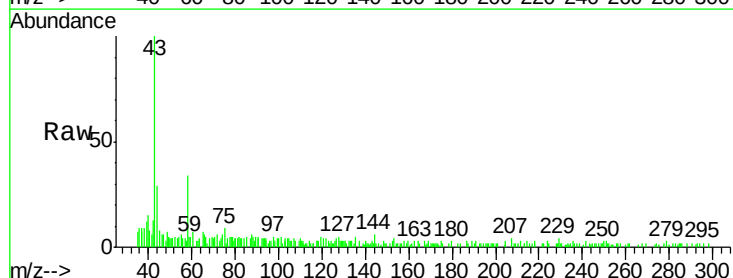
Acq: 20 Dec 2019 04:52

Tgt Ion: 43 Resp: 7439

Ion Ratio Lower Upper

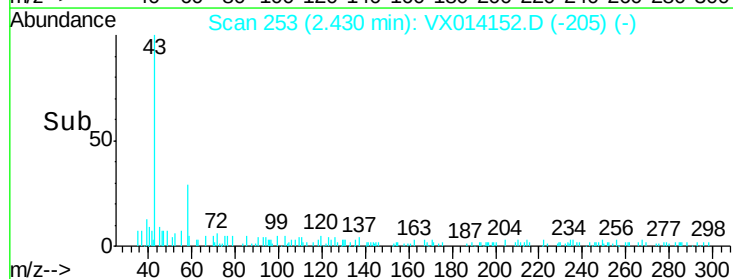
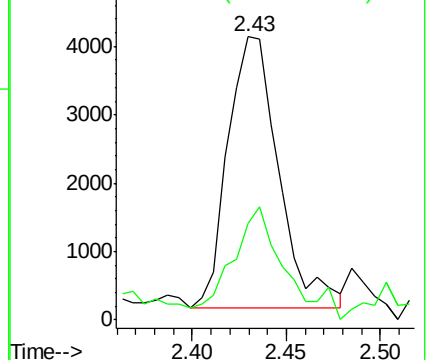
43 100

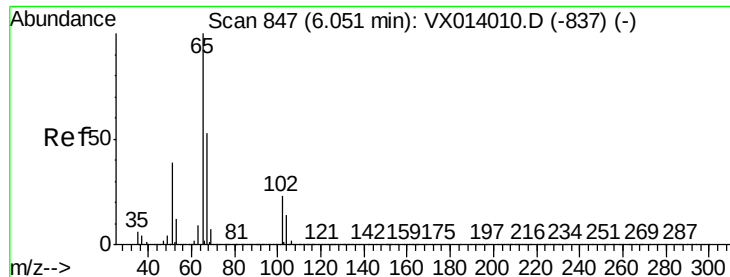
58 35.8 24.9 37.3



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: 48.317 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014152.D

Acq: 20 Dec 2019 04:52

Instrument :

MSVOA_X

ClientSampleId :

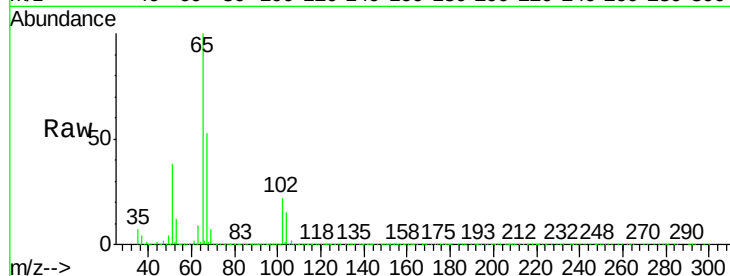
MW-10D

Tot Ion: 65 Resp: 309382

Ion Ratio Lower Upper

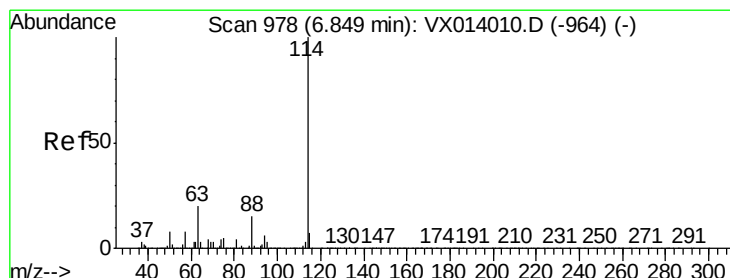
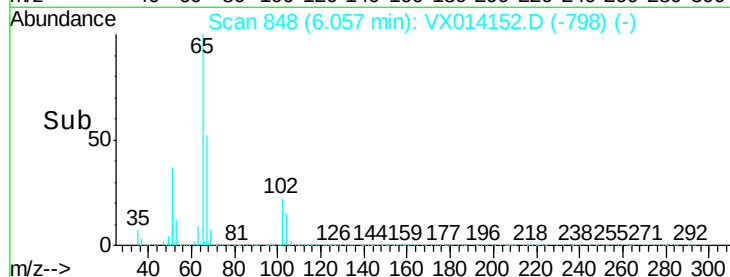
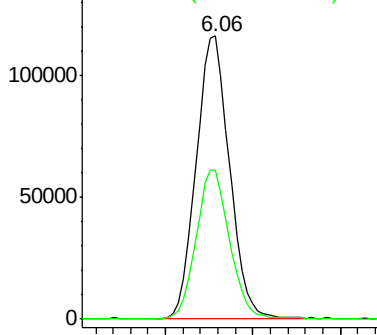
65 100

67 52.2 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: VX014152.D

Acq: 20 Dec 2019 04:52

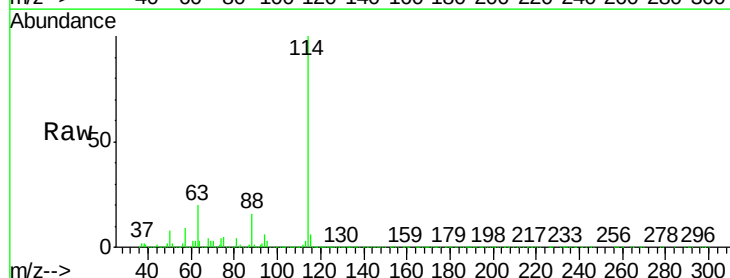
Tgt Ion: 114 Resp: 870796

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

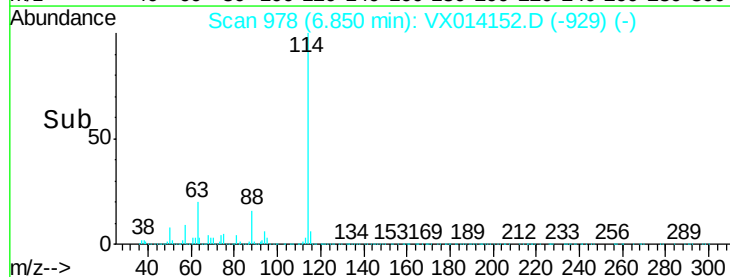
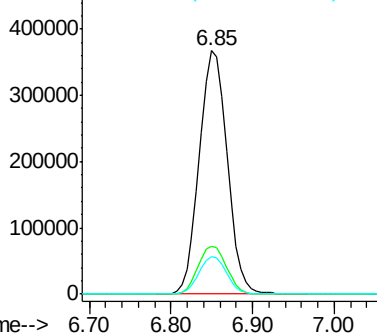
88 15.6 0.0 30.4

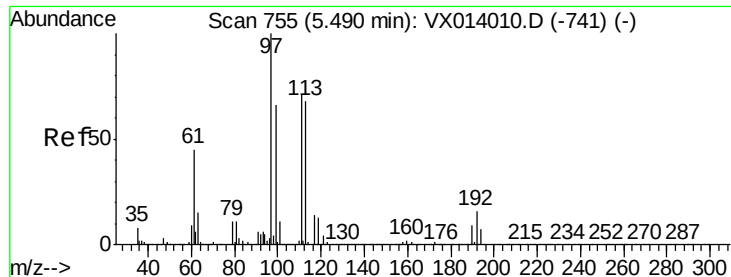


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.165 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014152.D

Acq: 20 Dec 2019 04:52

Instrument :

MSVOA_X

ClientSampleId :

MW-10D

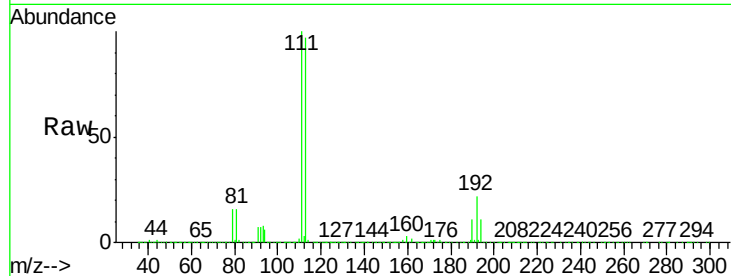
Tot Ion:113 Resp: 254963

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

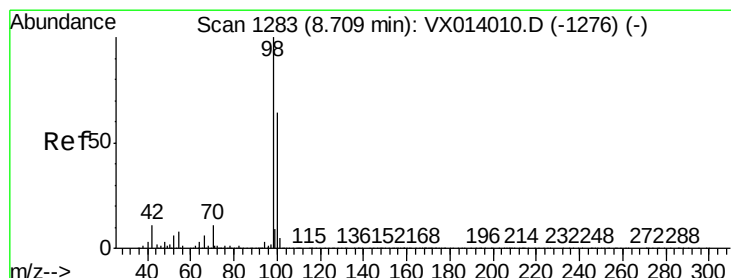
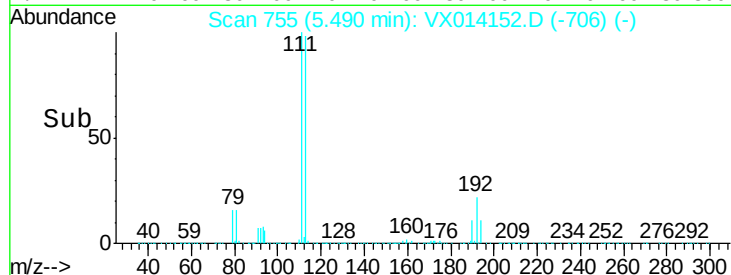
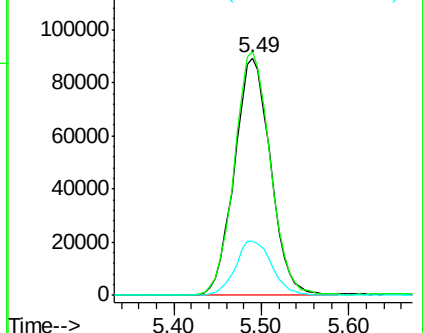
192 23.4 19.3 28.9



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: 49.540 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014152.D

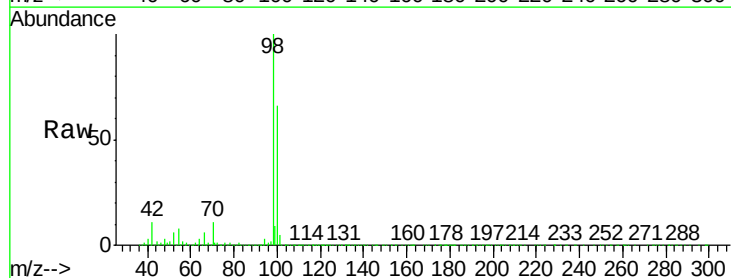
Acq: 20 Dec 2019 04:52

Tgt Ion: 98 Resp: 1020960

Ion Ratio Lower Upper

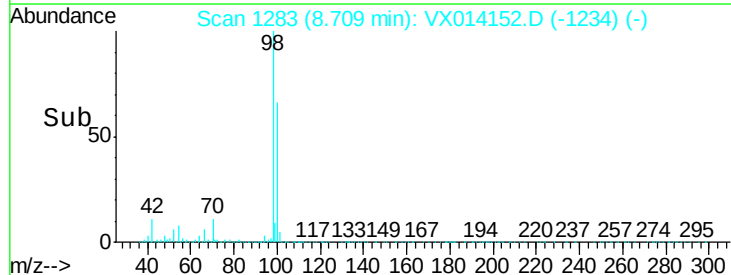
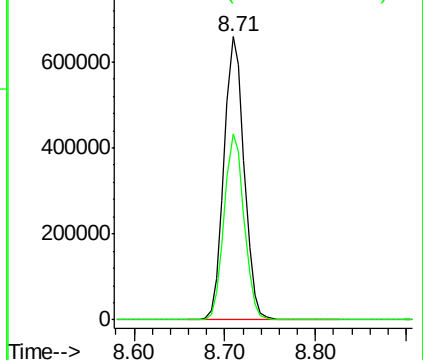
98 100

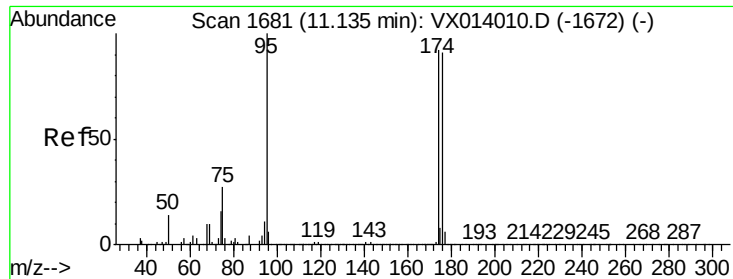
100 65.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

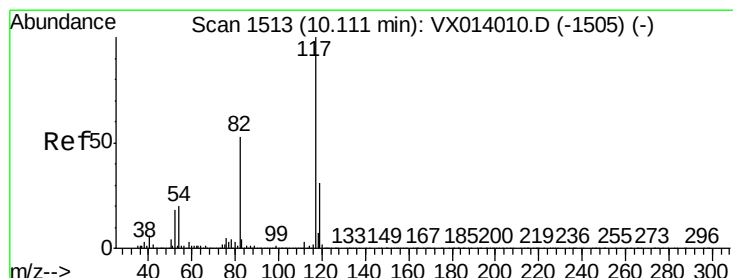
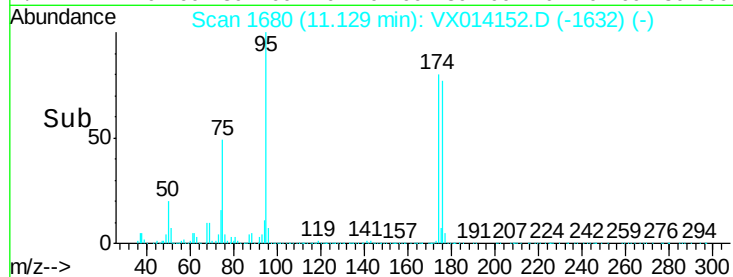
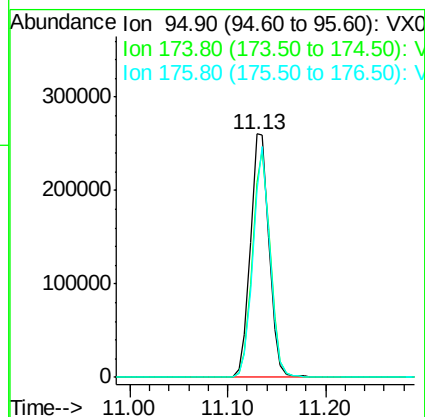
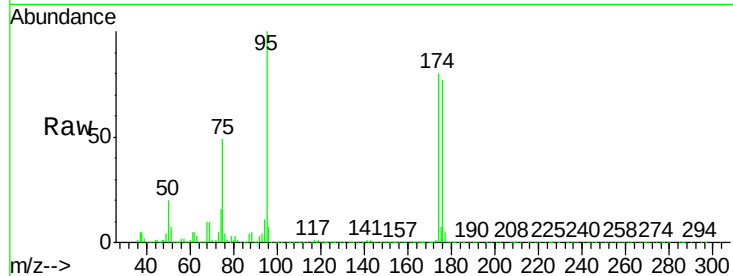




#62
4-Bromofluorobenzene
Concen: 45.853 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014152.D
Acq: 20 Dec 2019 04:52

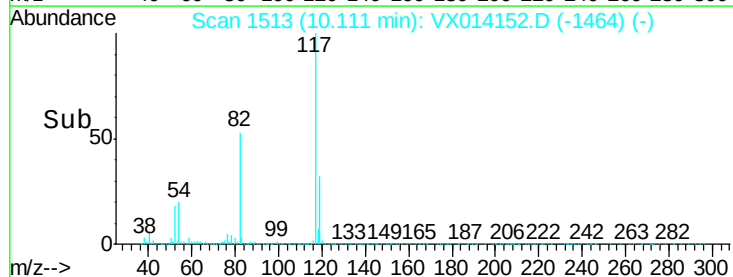
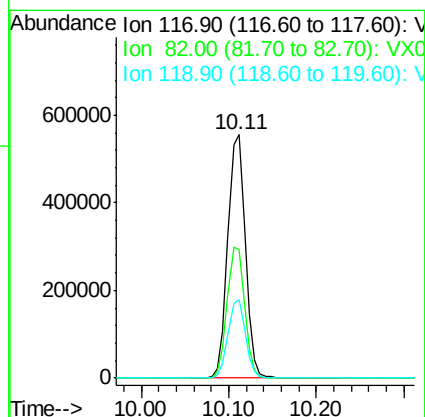
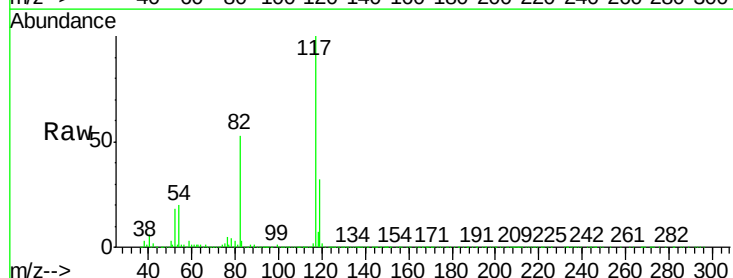
Instrument :
MSVOA_X
ClientSampleId :
MW-10D

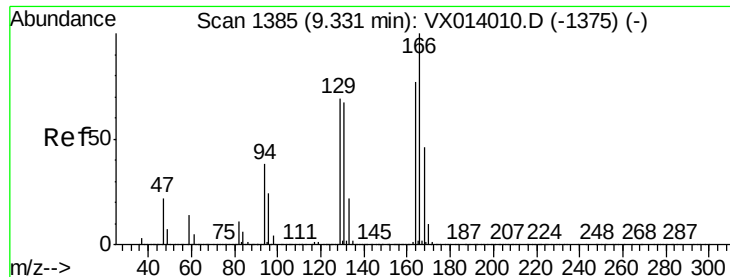
Tot Ion: 95 Resp: 345434
Ion Ratio Lower Upper
95 100
174 89.0 0.0 175.8
176 86.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014152.D
Acq: 20 Dec 2019 04:52

Tgt Ion: 117 Resp: 773037
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 32.0 25.1 37.7





#64

Tetrachloroethene

Concen: 8.304 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014152.D

Acq: 20 Dec 2019 04:52

Instrument :

MSVOA_X

ClientSampled :

MW-10D

Tot Ion:164 Resp: 56800

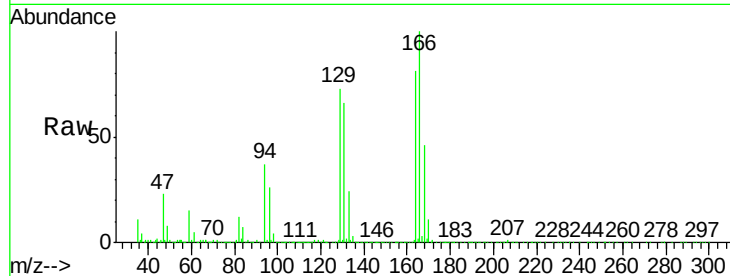
Ion Ratio Lower Upper

164 100

166 123.9 104.0 156.0

129 90.0 72.2 108.4

131 82.2 69.6 104.4

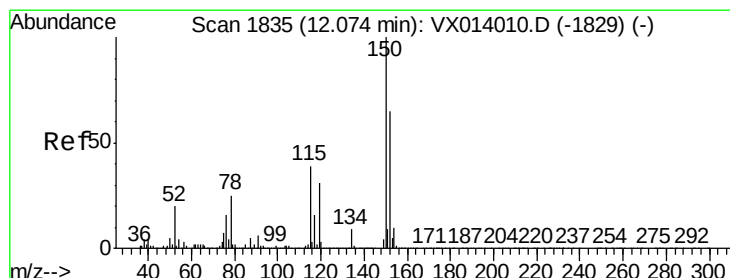
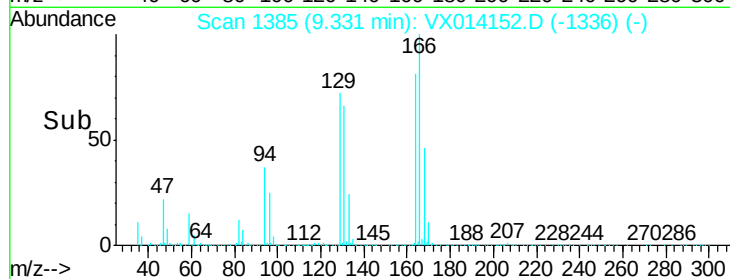
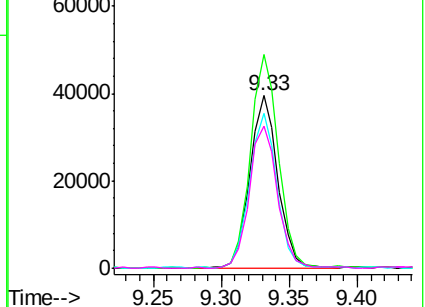


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX014152.D

Acq: 20 Dec 2019 04:52

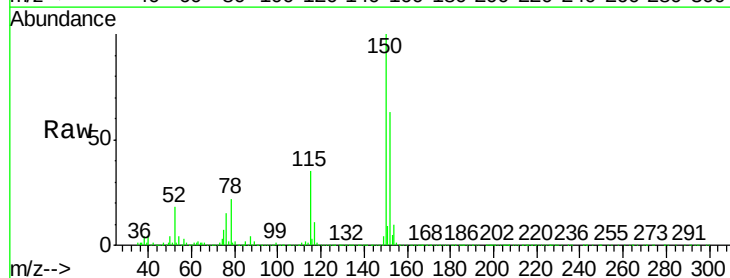
Tgt Ion:152 Resp: 345119

Ion Ratio Lower Upper

152 100

115 55.1 38.3 114.9

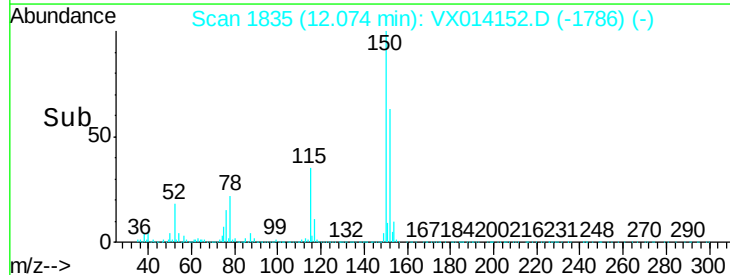
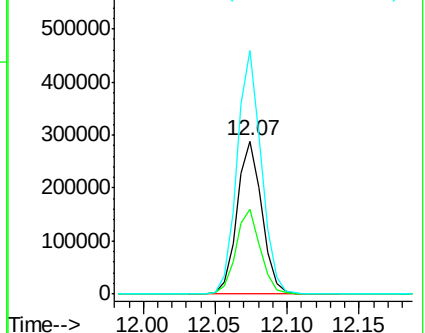
150 156.7 0.0 345.4

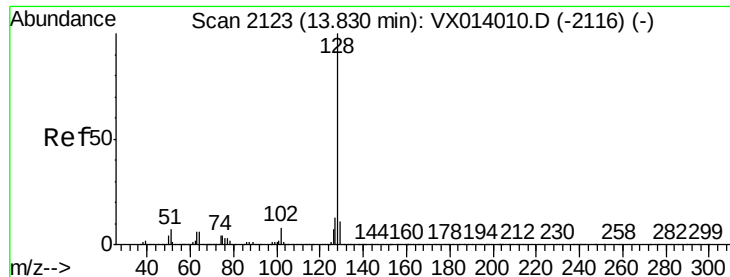


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 0.793 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014152.D

Acq: 20 Dec 2019 04:52

Instrument :

MSVOA_X

ClientSampleId :

MW-10D

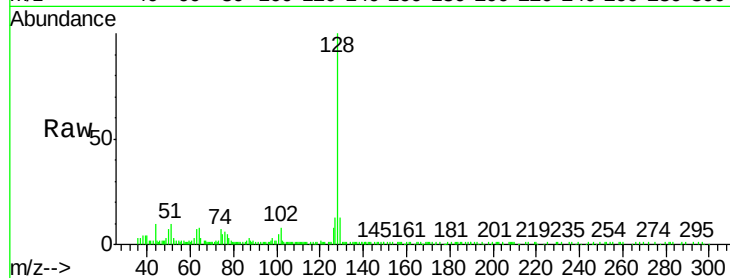
Tot Ion:128 Resp: 17864

Ion Ratio Lower Upper

128 100

127 16.6 10.2 15.4#

129 11.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

