

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003800.D
 Acq On : 01 Aug 2018 17:58
 Operator : JC/SP
 Sample : J4143-07RE
 Misc : 10.36G/5.0mL/MSVOA X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-02(3-5)RE

Quant Time: Aug 02 06:53:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

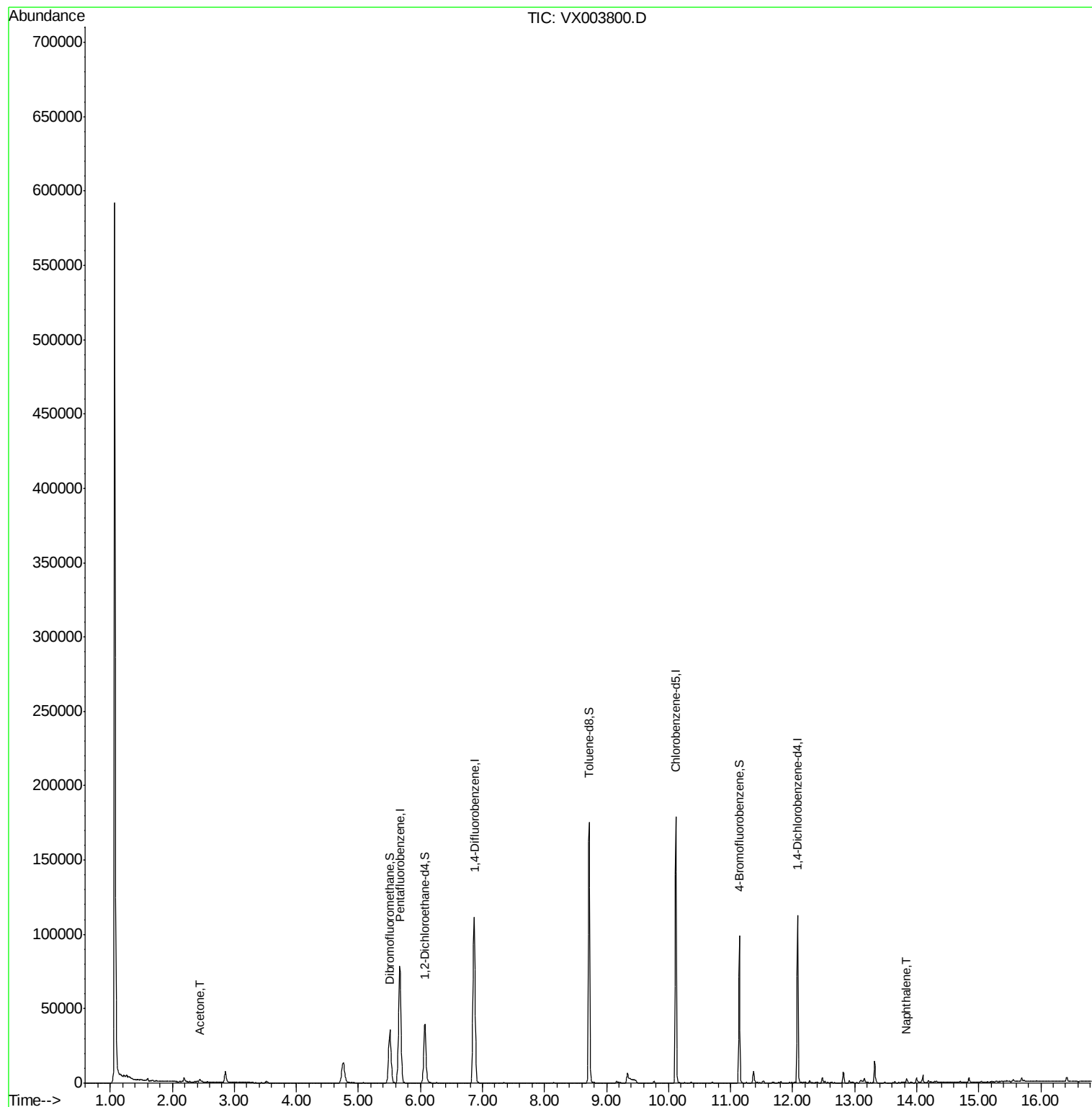
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	81426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	118307	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	82947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	24746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	37708	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
35) Dibromofluoromethane	5.51	113	30741	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
50) Toluene-d8	8.72	98	105846	36.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.88%	
62) 4-Bromofluorobenzene	11.14	95	24757	23.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.24%	
Target Compounds						
16) Acetone	2.45	43	1478	4.699	ug/l #	86
95) Naphthalene	13.83	128	1927	1.494	ug/l	98

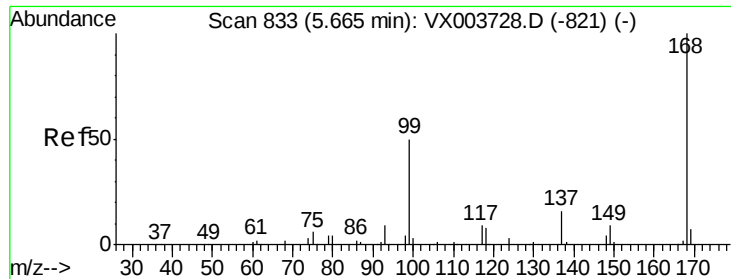
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

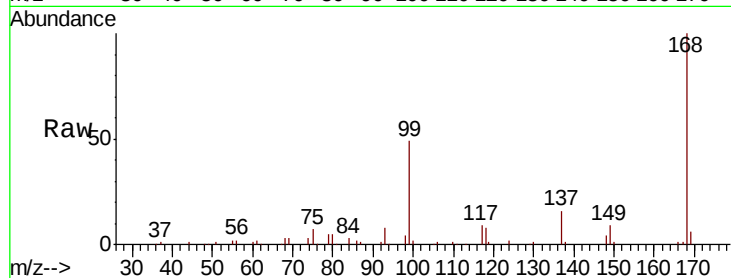
GW-02(3-5)RE

Tot Ion:168 Resp: 81426

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

30000

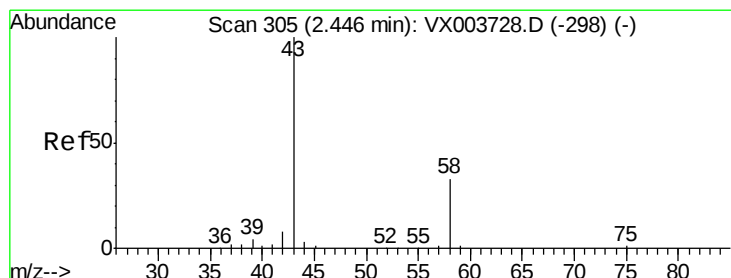
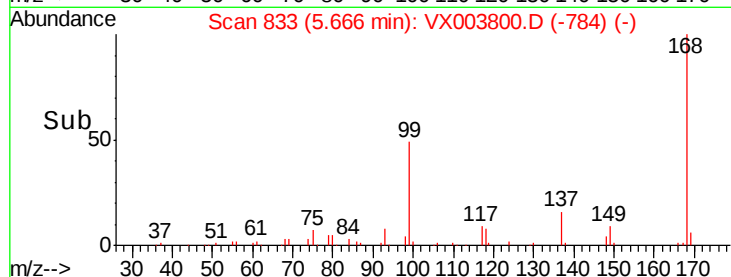
20000

10000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 4.699 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003800.D

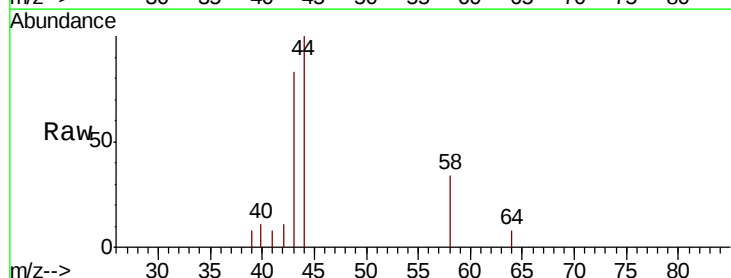
Acq: 01 Aug 2018 17:58

Tgt Ion: 43 Resp: 1478

Ion Ratio Lower Upper

43 100

58 41.5 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

800

600

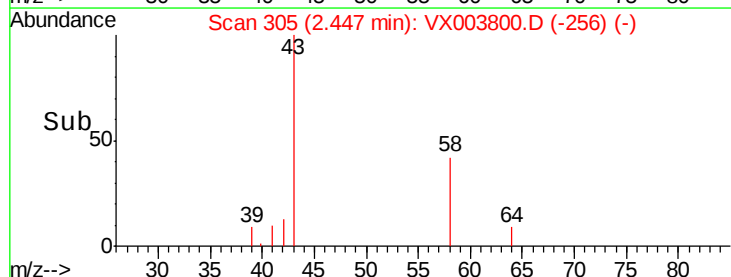
400

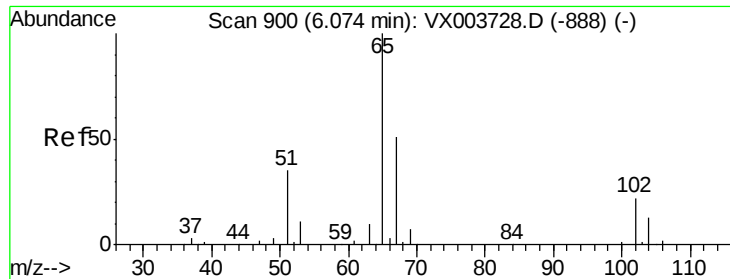
200

0

Time-->

2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 45.789 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003800.D

Acq: 01 Aug 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

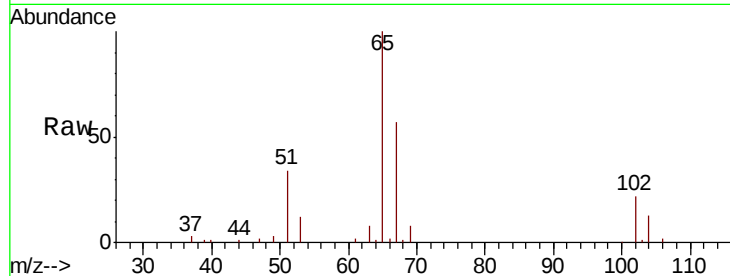
GW-02(3-5)RE

Tot Ion: 65 Resp: 37708

Ion Ratio Lower Upper

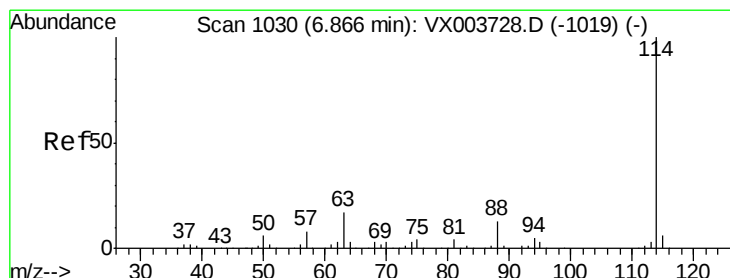
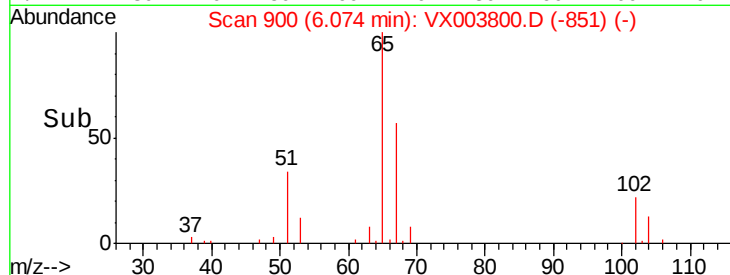
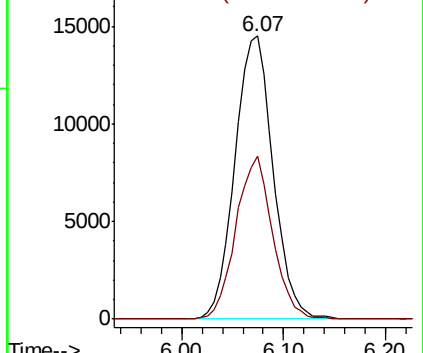
65 100

67 55.2 0.0 107.0



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: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003800.D

Acq: 01 Aug 2018 17:58

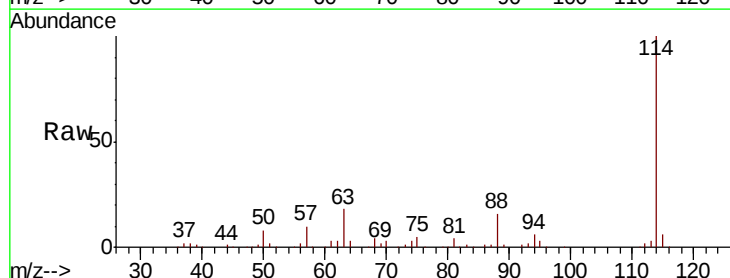
Tgt Ion: 114 Resp: 118307

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

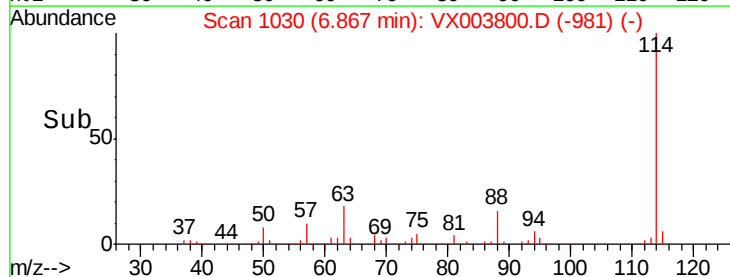
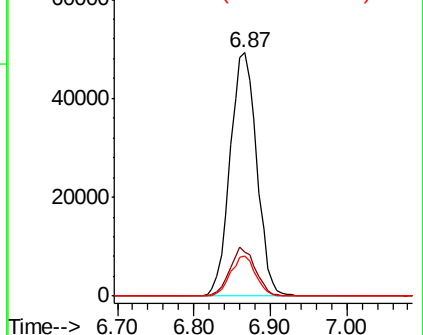
88 16.4 0.0 26.4

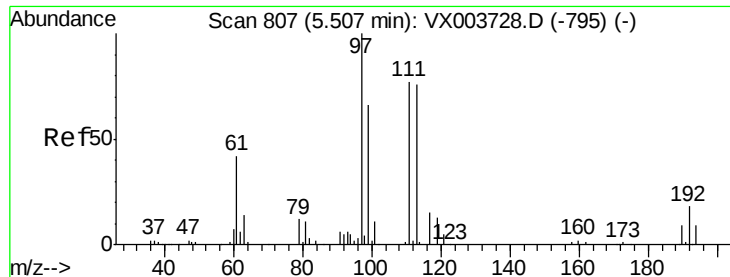


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.129 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003800.D

Acq: 01 Aug 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

GW-02(3-5)RE

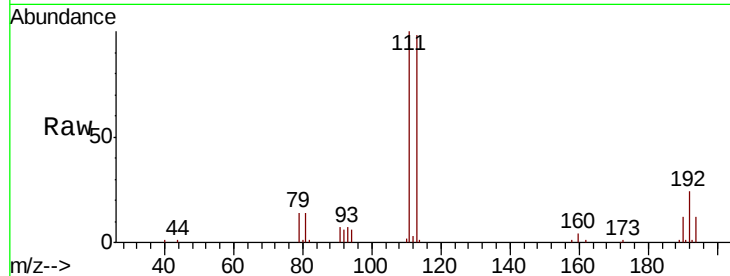
Tot Ion:113 Resp: 30741

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

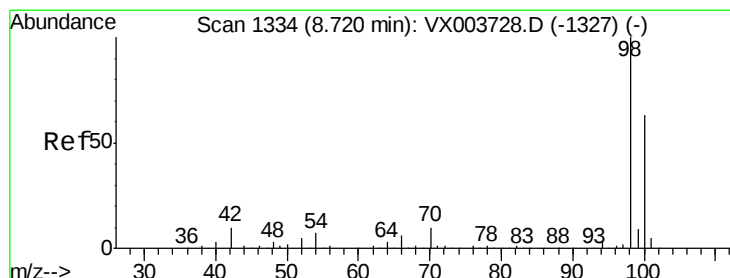
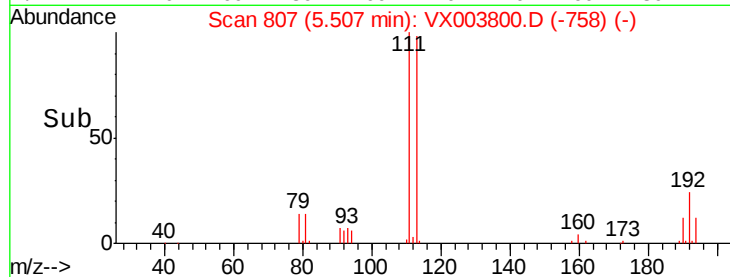
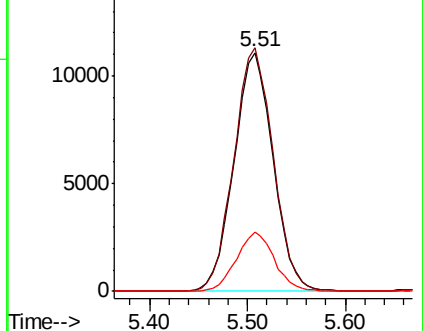
192 24.0 18.8 28.2



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: 36.443 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003800.D

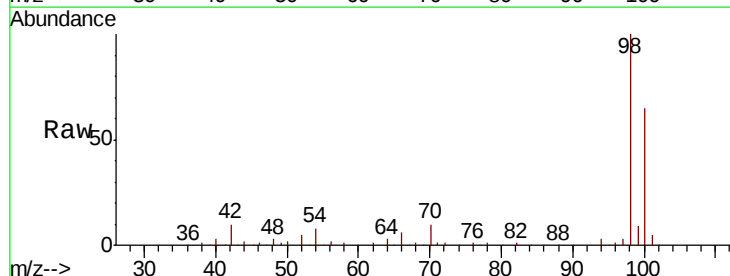
Acq: 01 Aug 2018 17:58

Tgt Ion: 98 Resp: 105846

Ion Ratio Lower Upper

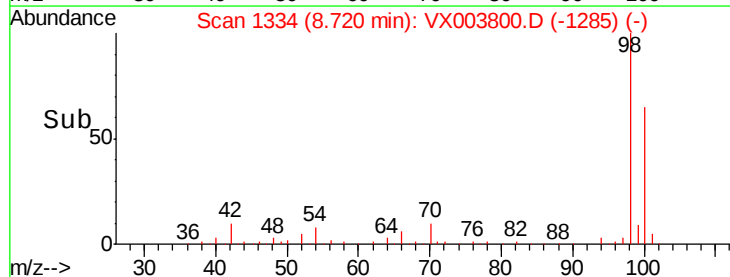
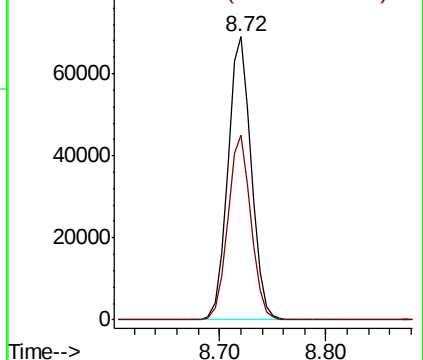
98 100

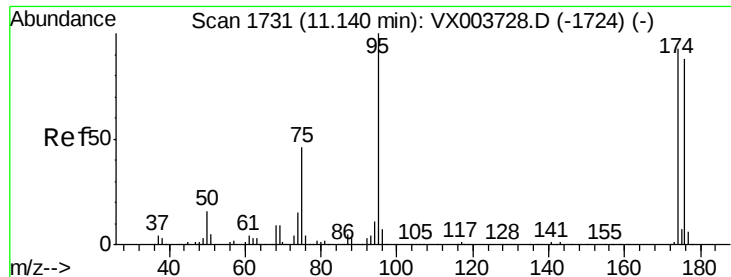
100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 23.118 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003800.D

Acq: 01 Aug 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

GW-02(3-5)RE

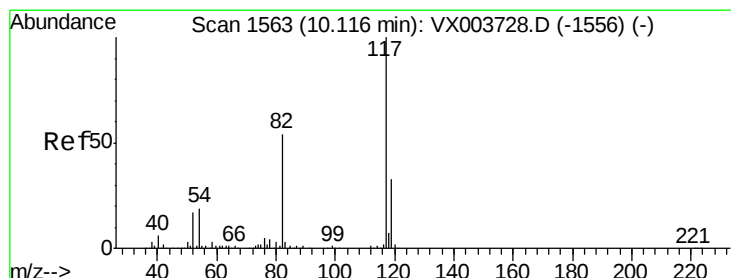
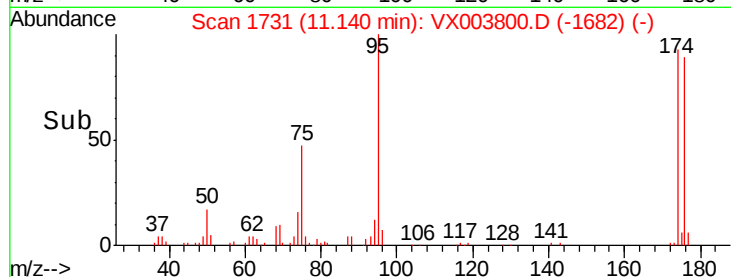
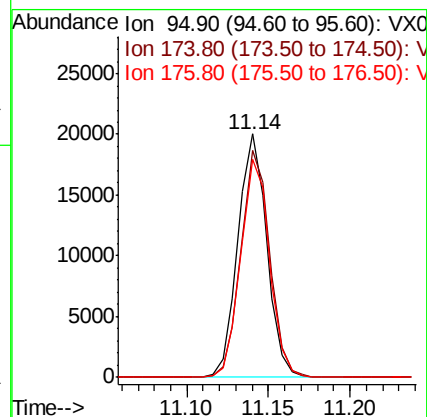
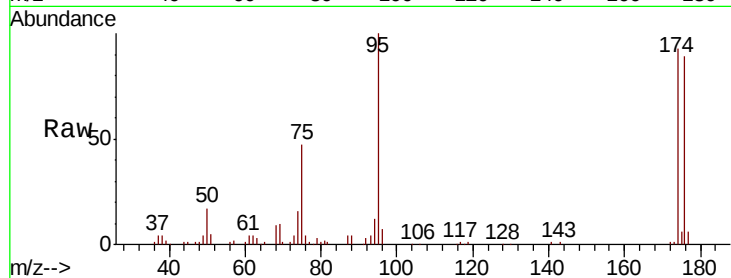
Tot Ion: 95 Resp: 24757

Ion Ratio Lower Upper

95 100

174 93.4 0.0 186.2

176 89.6 0.0 179.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003800.D

Acq: 01 Aug 2018 17:58

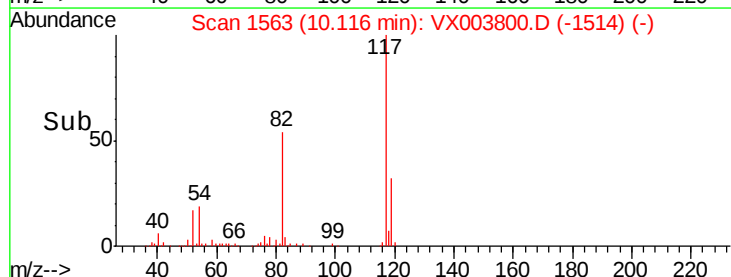
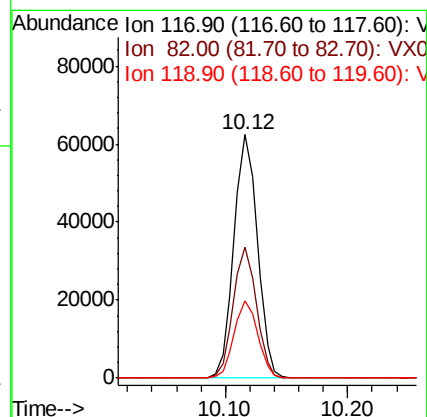
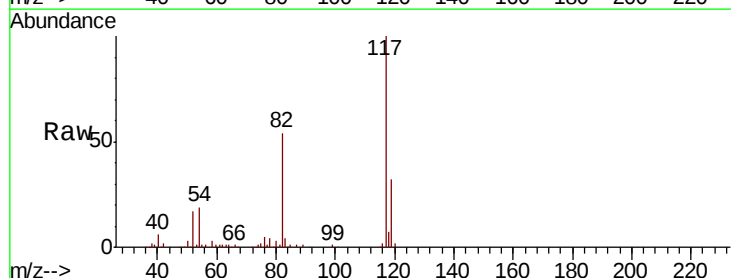
Tgt Ion: 117 Resp: 82947

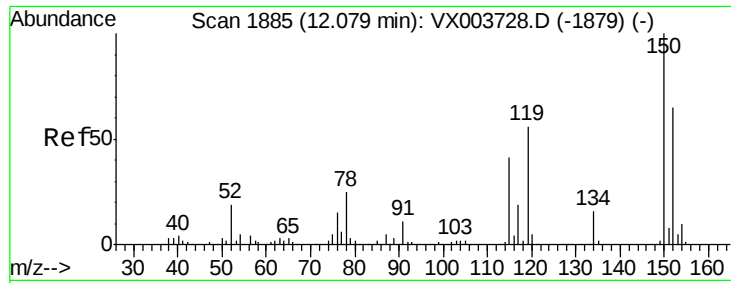
Ion Ratio Lower Upper

117 100

82 54.0 43.2 64.8

119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003800.D

Acq: 01 Aug 2018 17:58

Instrument :

MSVOA_X

ClientSampleId :

GW-02(3-5)RE

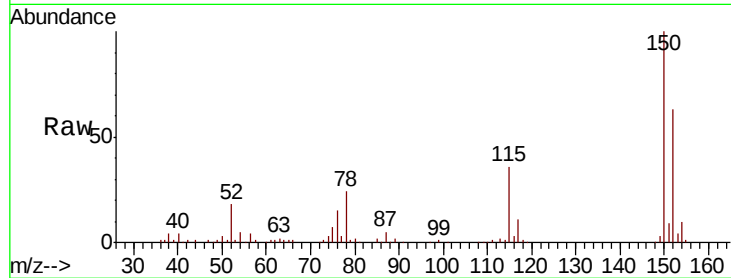
Tot Ion:152 Resp: 24746

Ion Ratio Lower Upper

152 100

115 55.2 38.5 115.3

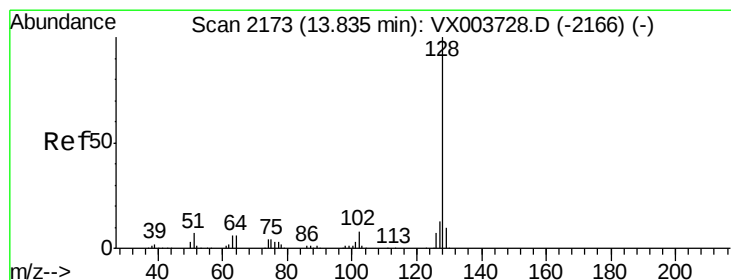
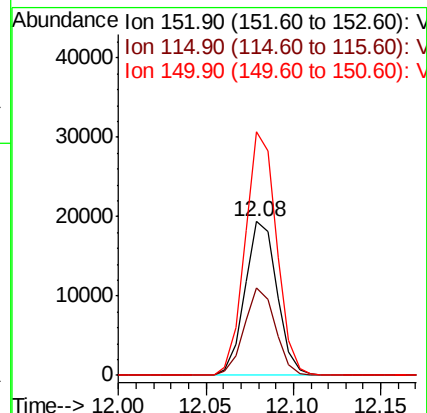
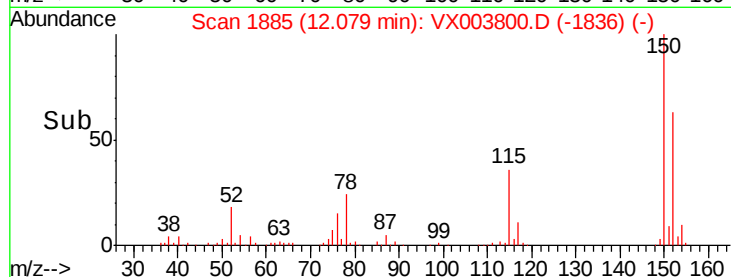
150 155.5 0.0 346.2



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: 1.494 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003800.D

Acq: 01 Aug 2018 17:58

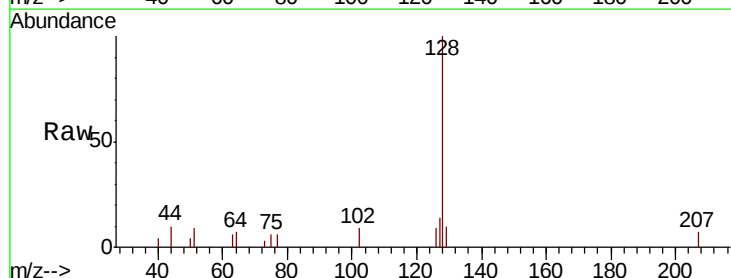
Tgt Ion:128 Resp: 1927

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 9.1 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

