

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003782.D
 Acq On : 01 Aug 2018 06:24
 Operator : JC/SP
 Sample : J4143-07
 Misc : 12.38G/5.0mL/MSVOA X/SOIL
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Aug 01 19:03:36 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

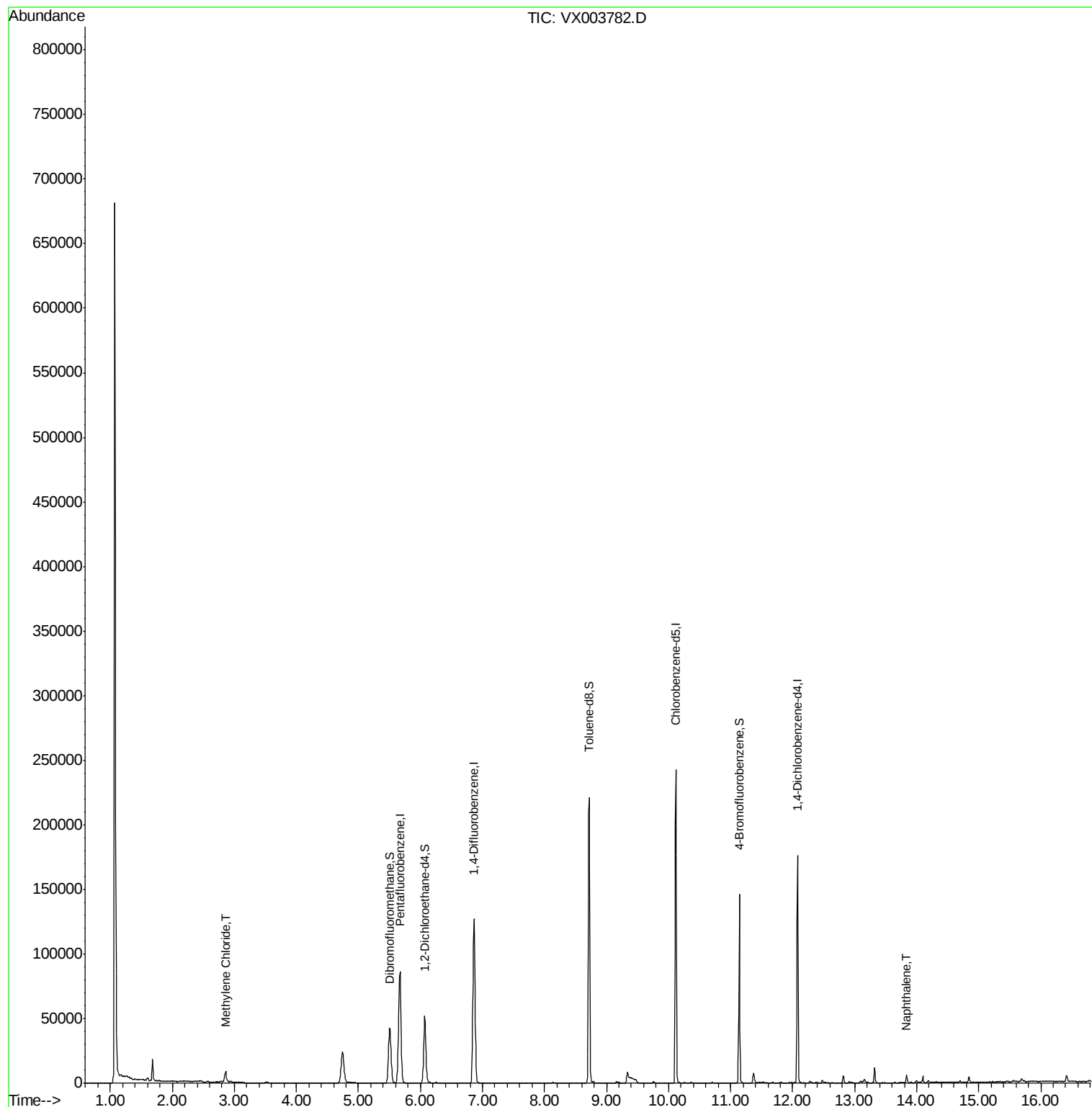
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	86857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	127019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	111694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	37440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	45957	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
35) Dibromofluoromethane	5.50	113	37573	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	8.72	98	137933	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
62) 4-Bromofluorobenzene	11.14	95	36930	32.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.24%	
Target Compounds						
20) Methylene Chloride	2.86	84	3772	1.16	ug/l	91
95) Naphthalene	13.83	128	3733	1.91	ug/l	99

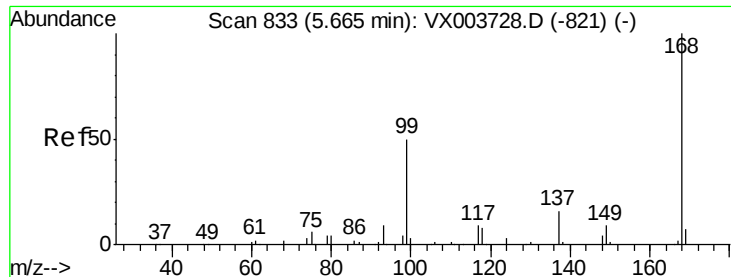
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003782.D

Acq: 01 Aug 2018 06:24

Instrument :

MSVOA_X

ClientSampleId :

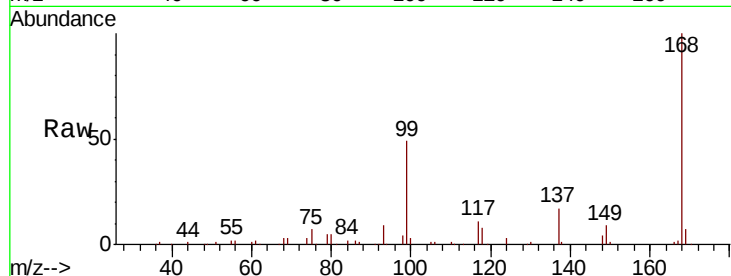
GW-02(3-5)

Tot Ion:168 Resp: 86857

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

30000

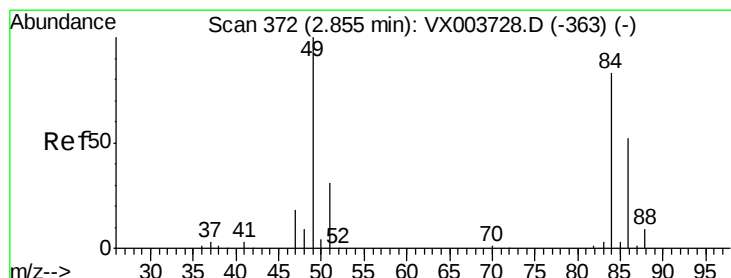
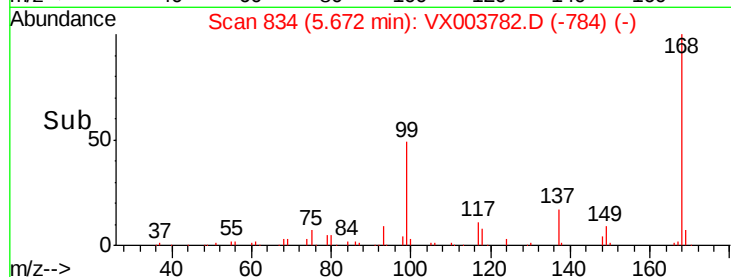
20000

10000

0

Time-->

5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.16 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003782.D

Acq: 01 Aug 2018 06:24

Tgt Ion: 84 Resp: 3772

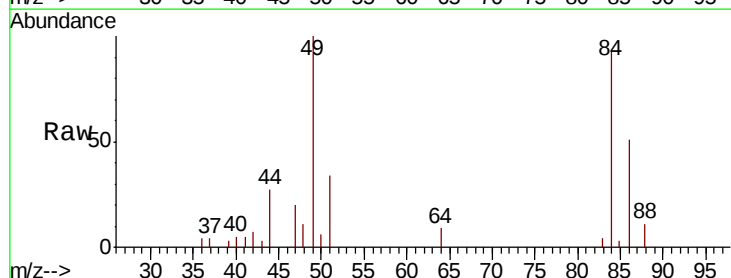
Ion Ratio Lower Upper

84 100

49 107.1 95.8 143.8

51 35.9 29.6 44.4

86 54.7 50.0 75.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

3000

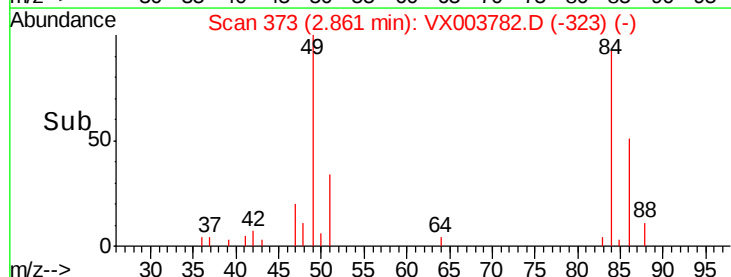
2000

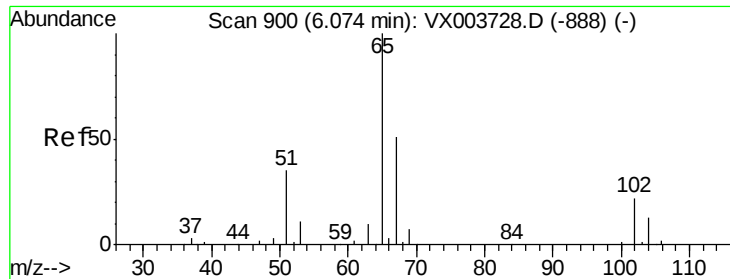
1000

0

Time-->

2.80 2.85 2.90

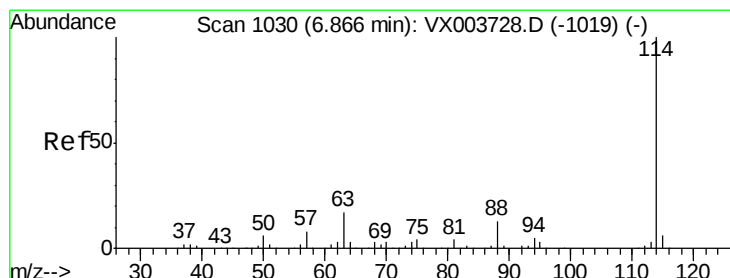
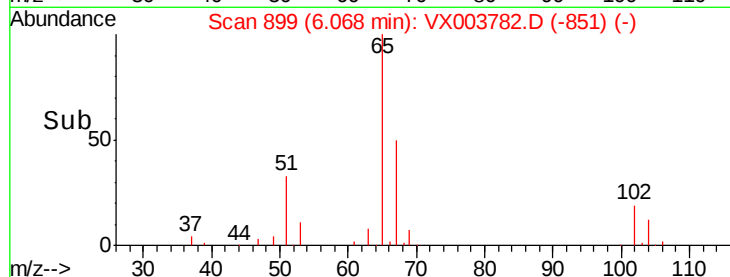
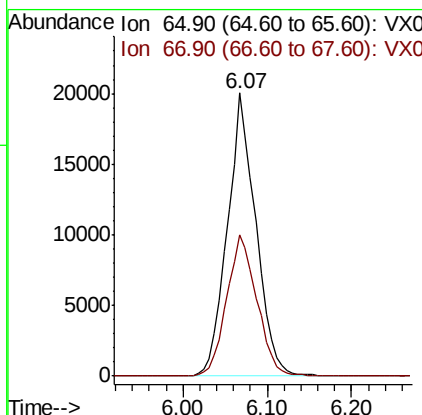
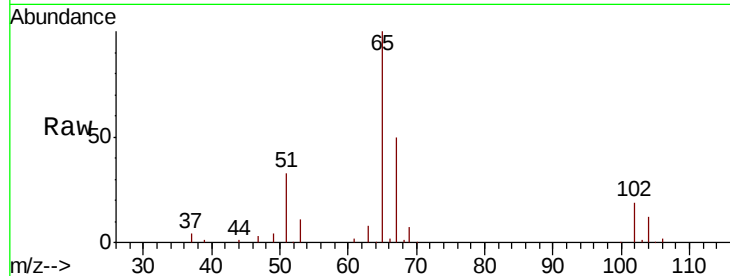




#33
 1,2-Dichloroethane-d4
 Concen: 52.32 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003782.D
 Acq: 01 Aug 2018 06:24

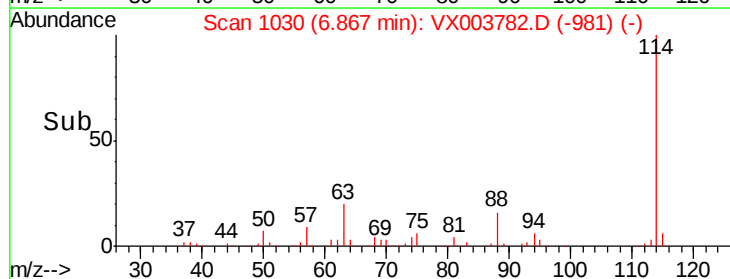
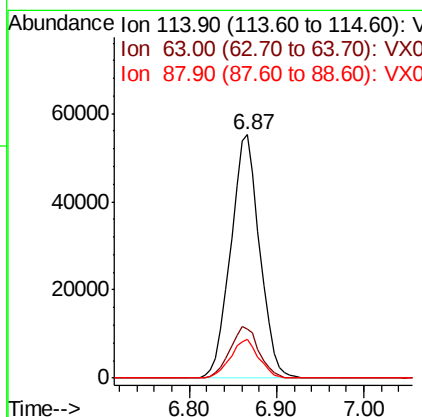
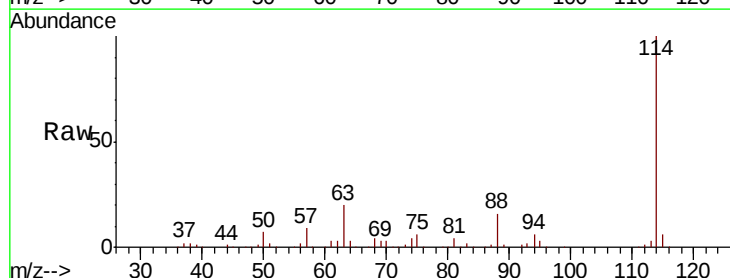
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-02(3-5)

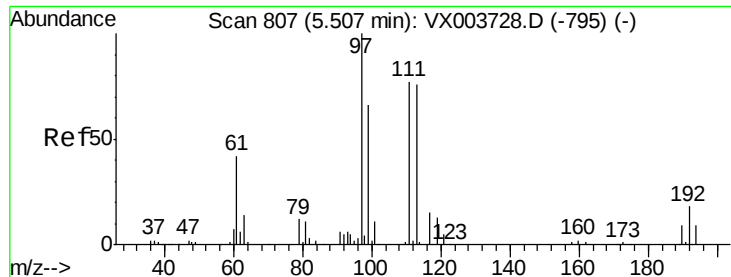
Tot Ion: 65 Resp: 45957
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003782.D
 Acq: 01 Aug 2018 06:24

Tgt Ion: 114 Resp: 127019
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 34.0
 88 15.7 0.0 26.4

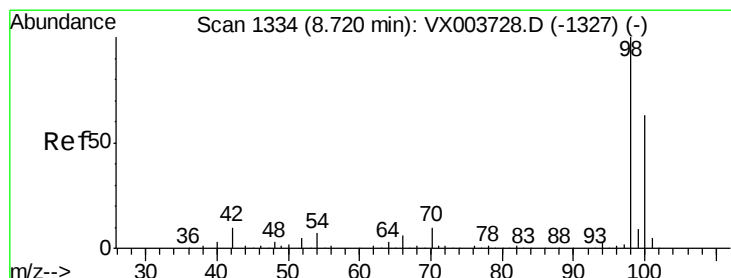
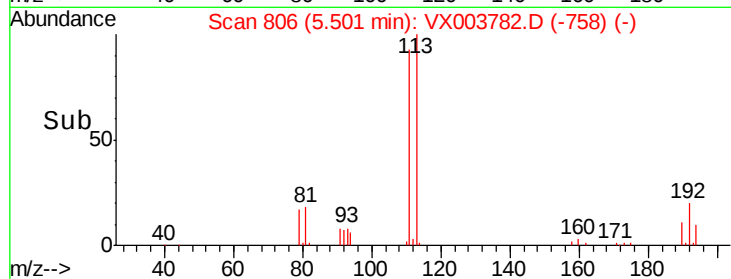
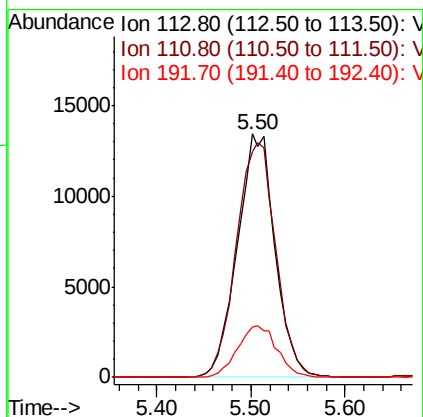
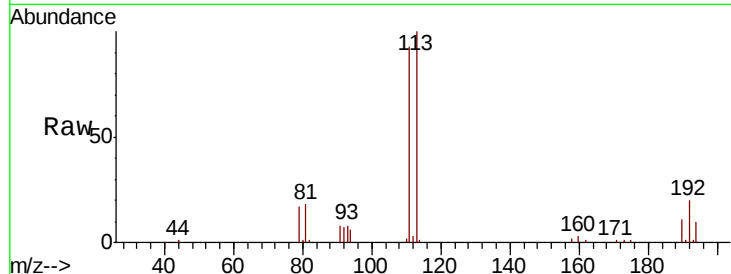




#35
 Dibromofluoromethane
 Concen: 50.24 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003782.D
 Acq: 01 Aug 2018 06:24

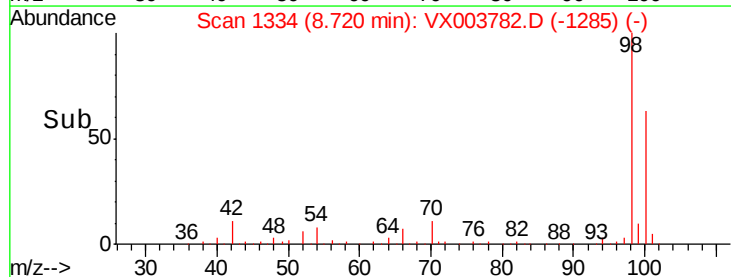
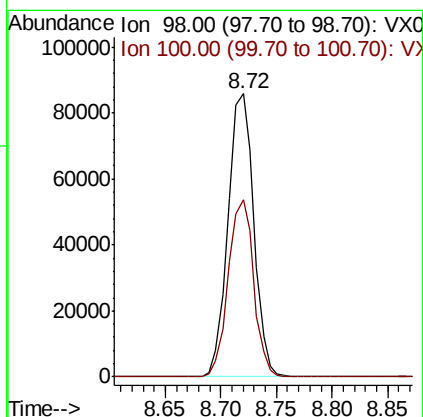
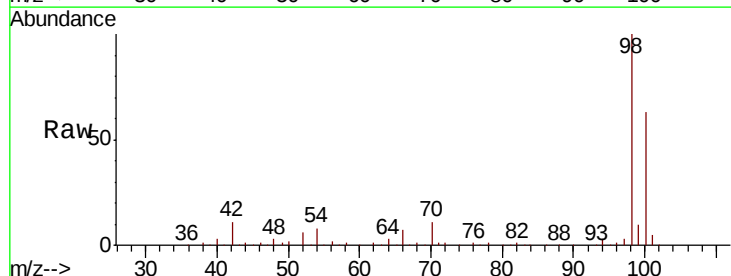
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-02(3-5)

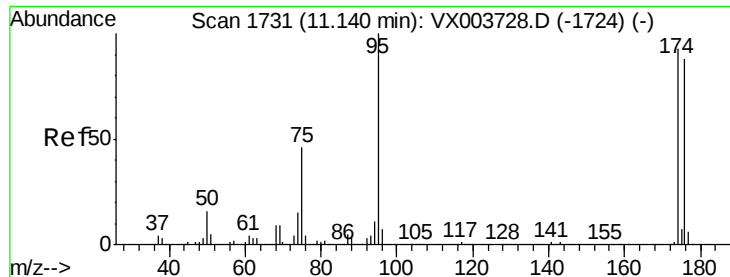
Tot Ion:113 Resp: 37573
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.8 122.6
 192 22.2 18.8 28.2



#50
 Toluene-d8
 Concen: 44.23 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003782.D
 Acq: 01 Aug 2018 06:24

Tgt Ion: 98 Resp: 137933
 Ion Ratio Lower Upper
 98 100
 100 61.8 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 32.12 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003782.D

Acq: 01 Aug 2018 06:24

Instrument :

MSVOA_X

ClientSampleId :

GW-02(3-5)

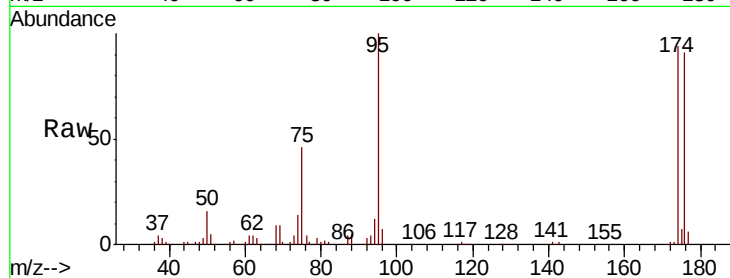
Tot Ion: 95 Resp: 36930

Ion Ratio Lower Upper

95 100

174 91.7 0.0 186.2

176 88.5 0.0 179.2

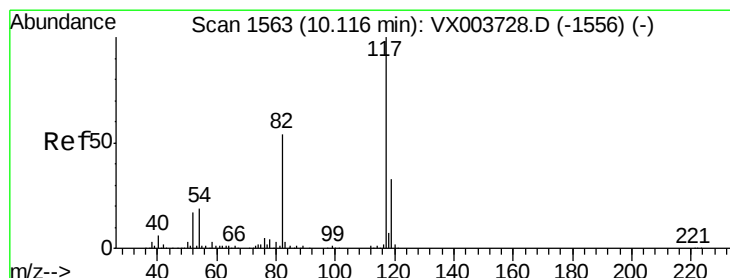
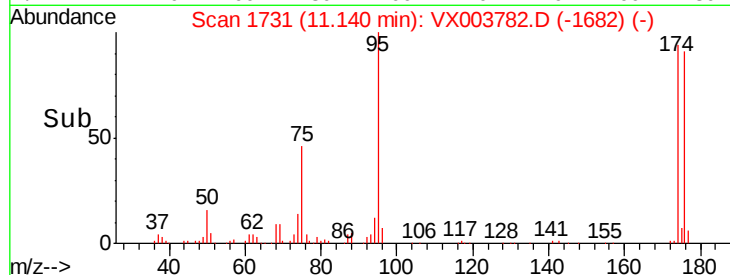
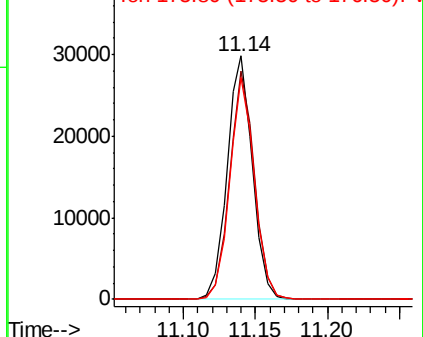


Abundance

Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003782.D

Acq: 01 Aug 2018 06:24

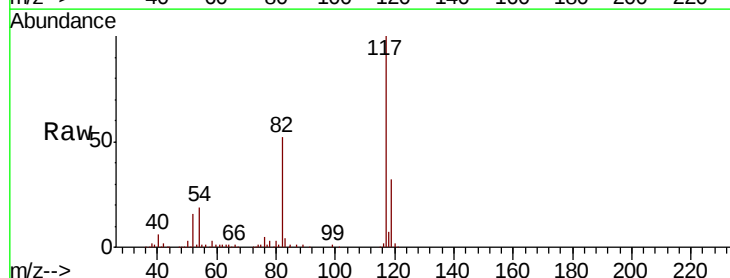
Tgt Ion: 117 Resp: 111694

Ion Ratio Lower Upper

117 100

82 52.4 43.2 64.8

119 32.3 26.3 39.5

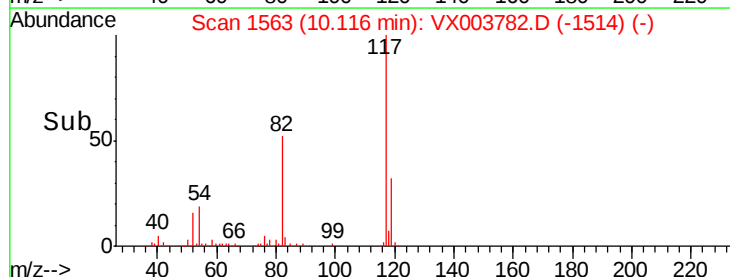
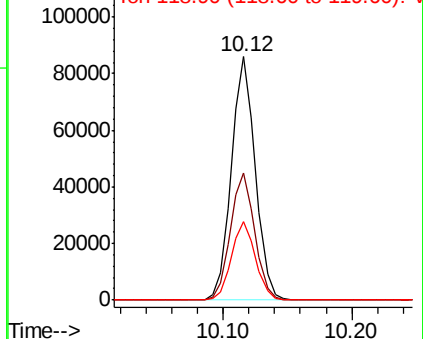


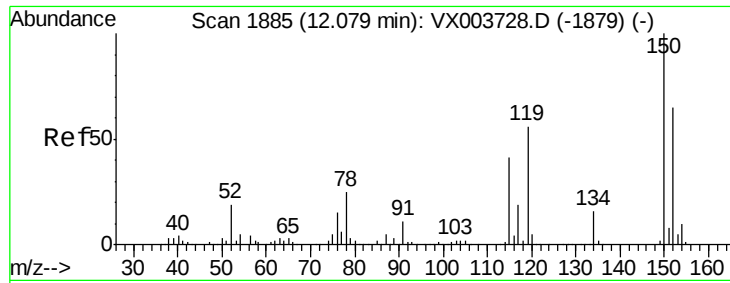
Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003782.D

Acq: 01 Aug 2018 06:24

Instrument :

MSVOA_X

ClientSampled :

GW-02(3-5)

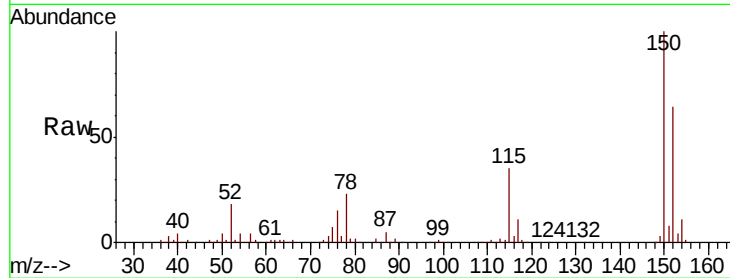
Tot Ion:152 Resp: 37440

Ion Ratio Lower Upper

152 100

115 54.9 38.5 115.3

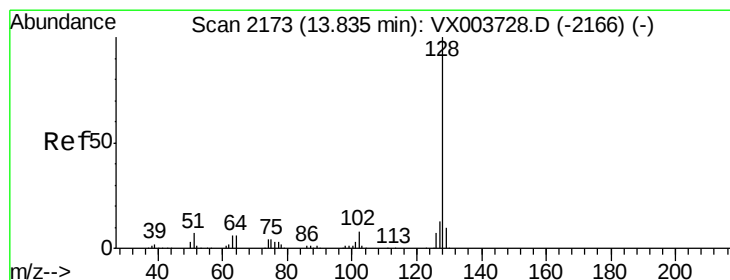
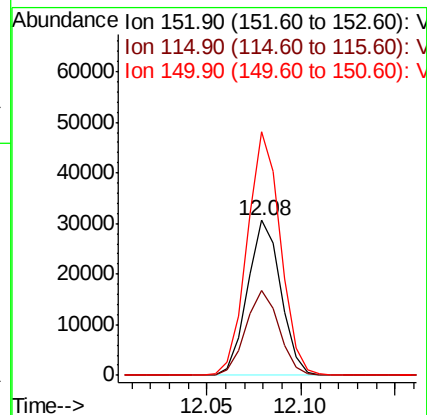
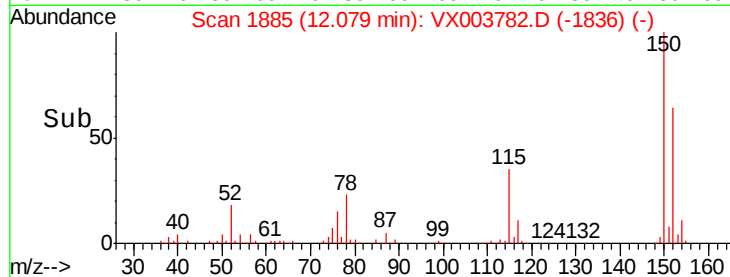
150 157.2 0.0 346.2



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: 1.91 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003782.D

Acq: 01 Aug 2018 06:24

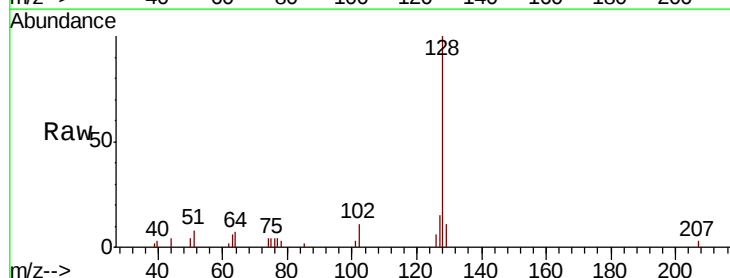
Tgt Ion:128 Resp: 3733

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.1 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

