

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003790.D
 Acq On : 01 Aug 2018 09:46
 Operator : JC/SP
 Sample : J4164-05
 Misc : 8.67G/5.0mL/MSVOA X/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5(3-5)

Quant Time: Aug 01 11:47:05 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

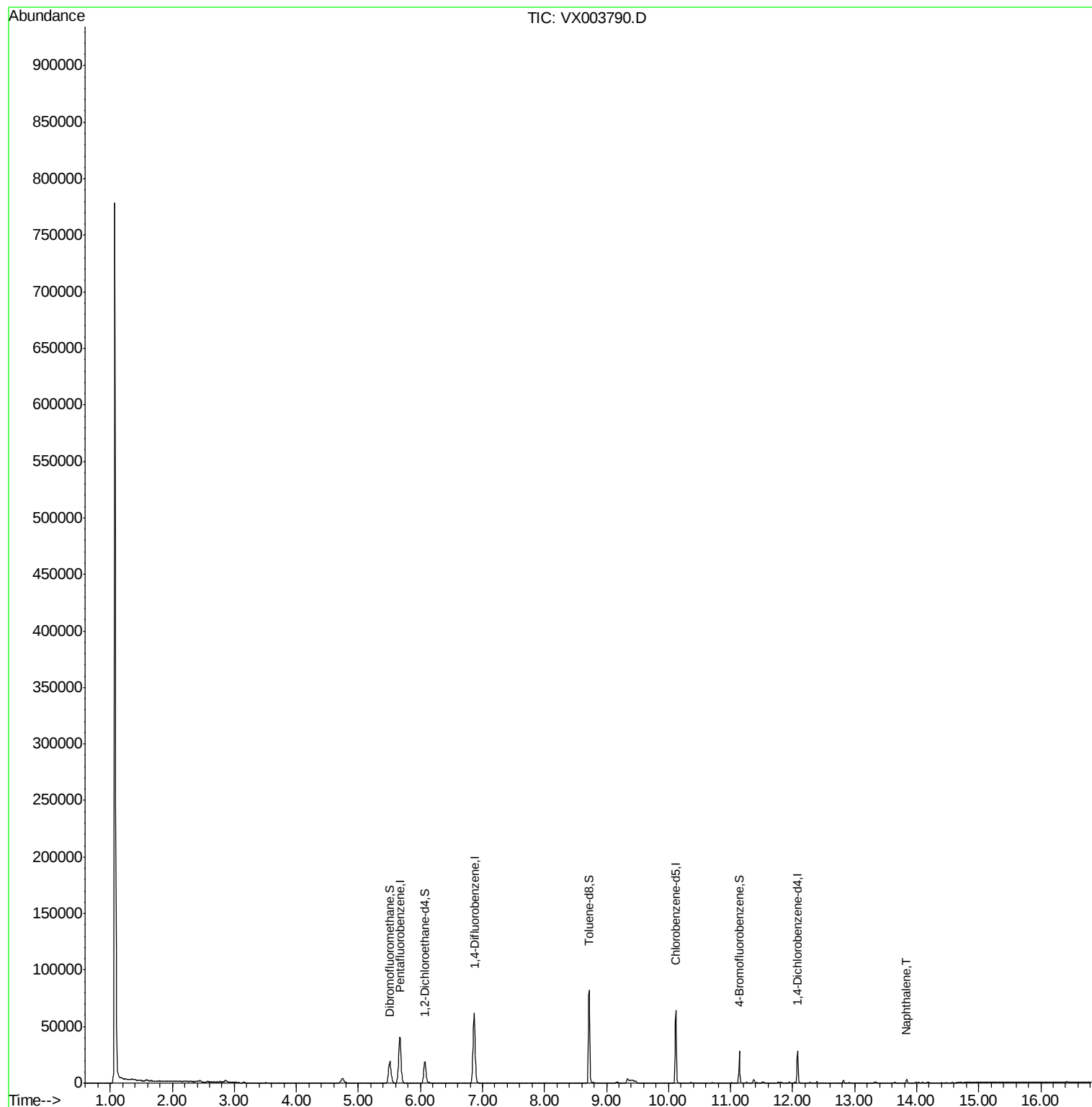
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	41953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	62826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	28402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	5923	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	18085	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.24%	
35) Dibromofluoromethane	5.50	113	16699	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
50) Toluene-d8	8.72	98	49884	32.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.68%	
62) 4-Bromofluorobenzene	11.14	95	6843	12.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	24.06%	
Target Compounds						
95) Naphthalene	13.83	128	2150	6.96	ug/l	Qvalue 96

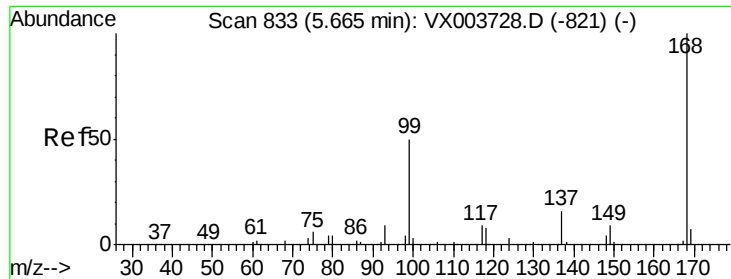
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003790.D

Acq: 01 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

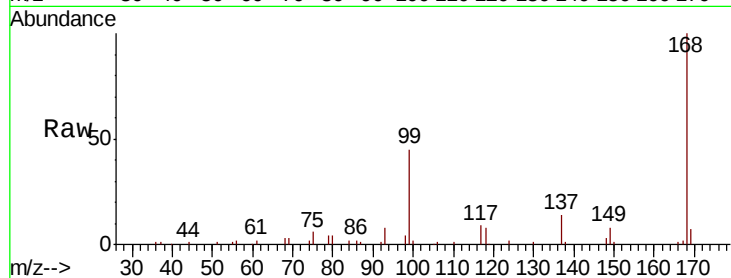
SB-5(3-5)

Tot Ion:168 Resp: 41953

Ion Ratio Lower Upper

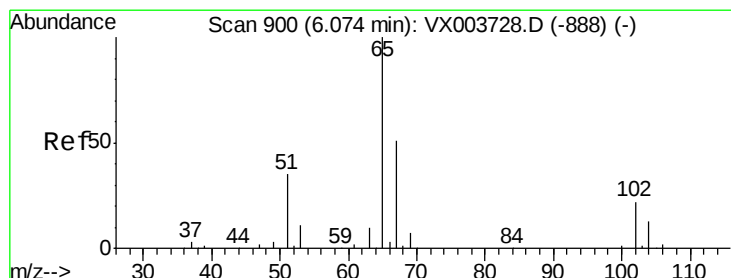
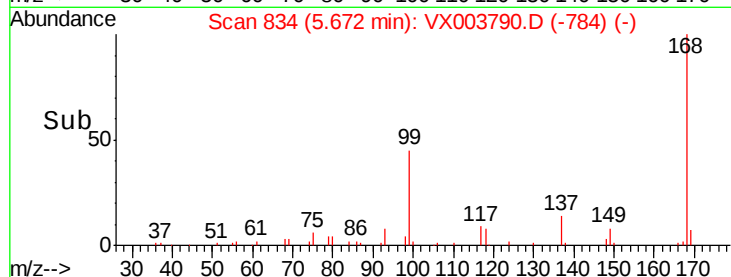
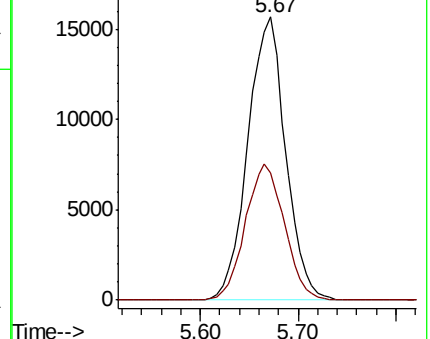
168 100

99 44.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 42.62 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003790.D

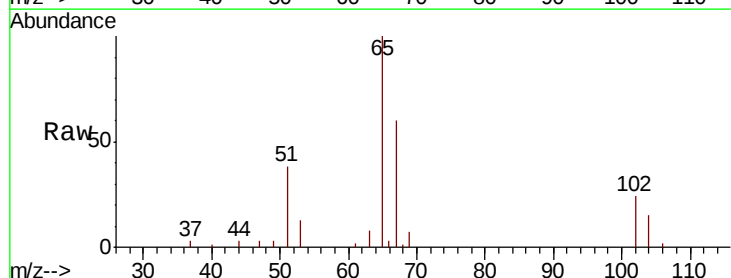
Acq: 01 Aug 2018 09:46

Tgt Ion: 65 Resp: 18085

Ion Ratio Lower Upper

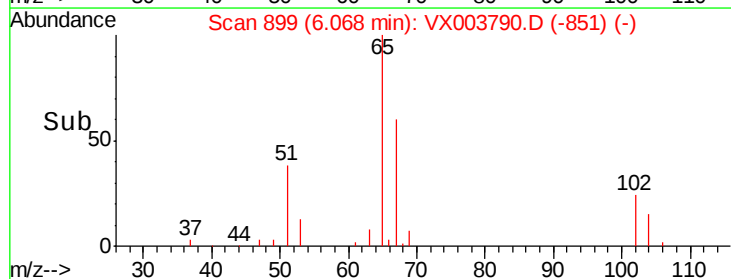
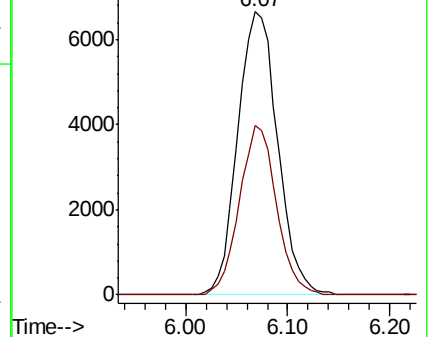
65 100

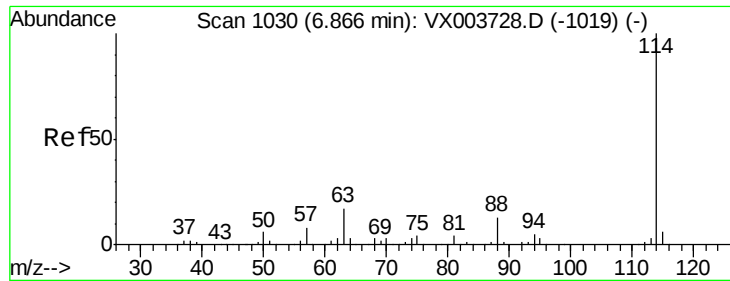
67 55.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

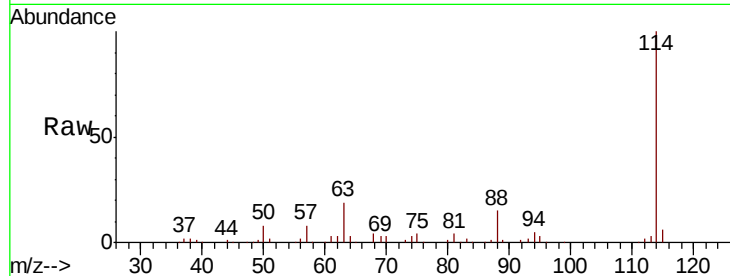




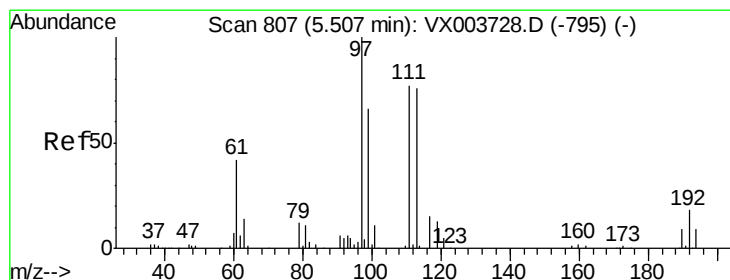
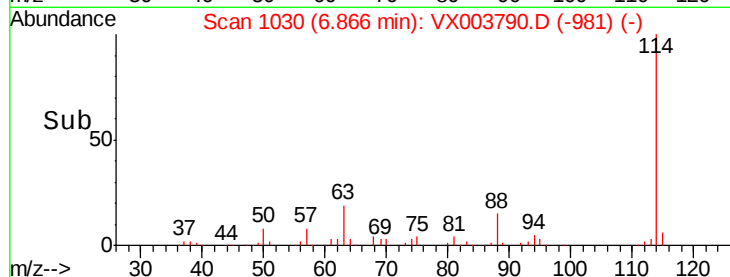
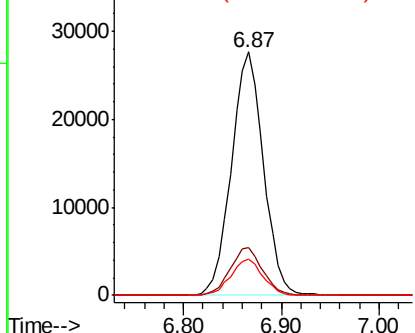
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003790.D
 Acq: 01 Aug 2018 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5(3-5)

Tot Ion:114 Resp: 62826
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 34.0
 88 15.1 0.0 26.4

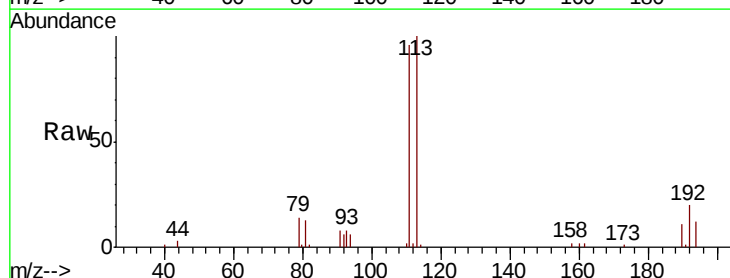


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

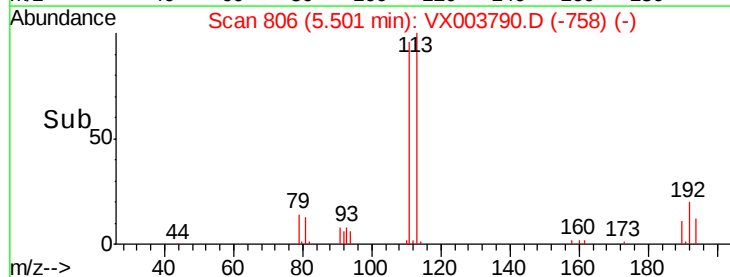
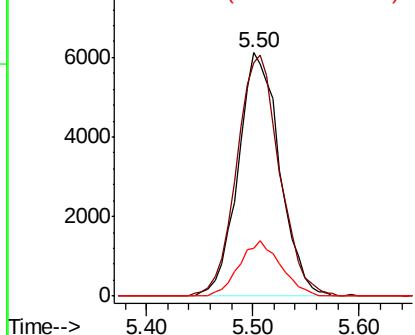


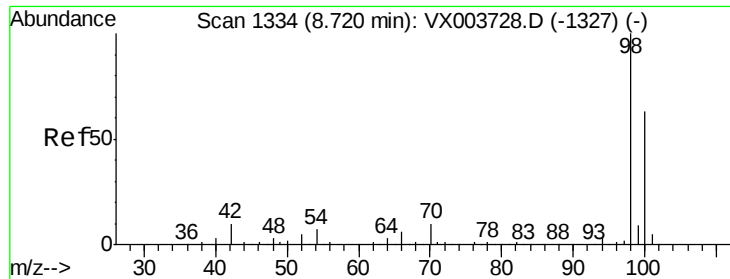
#35
 Dibromofluoromethane
 Concen: 45.14 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003790.D
 Acq: 01 Aug 2018 09:46

Tgt Ion:113 Resp: 16699
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 22.7 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: 32.34 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003790.D

Acq: 01 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

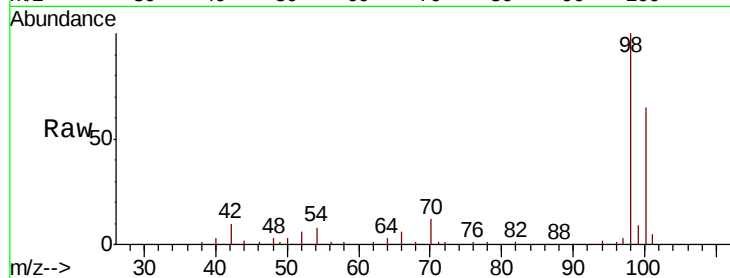
SB-5(3-5)

Tot Ion: 98 Resp: 49884

Ion Ratio Lower Upper

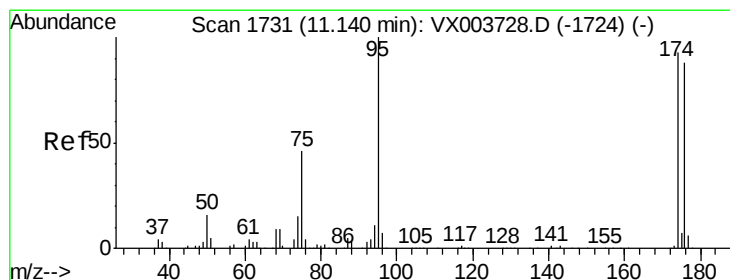
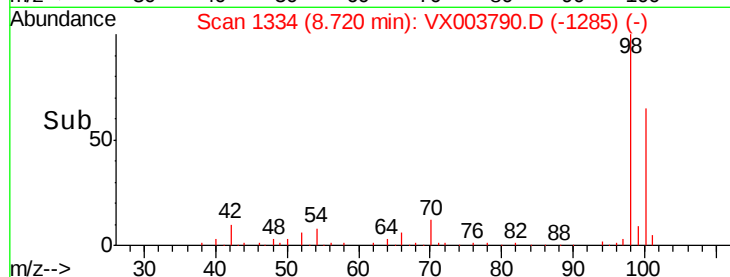
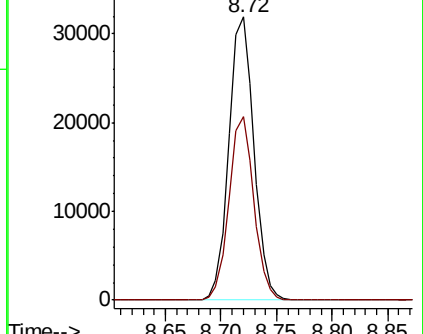
98 100

100 64.1 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: 12.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003790.D

Acq: 01 Aug 2018 09:46

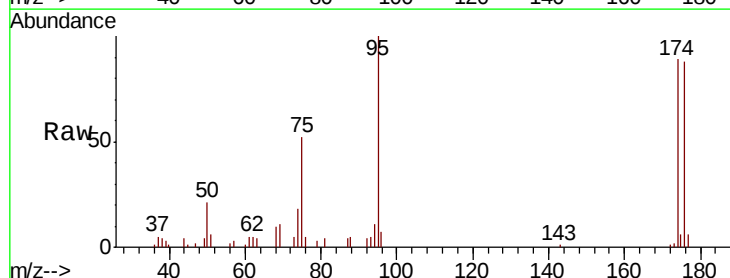
Tgt Ion: 95 Resp: 6843

Ion Ratio Lower Upper

95 100

174 90.7 0.0 186.2

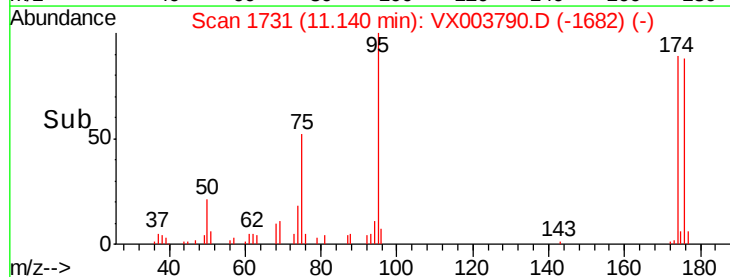
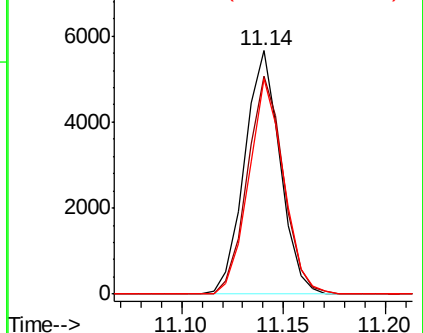
176 87.0 0.0 179.2

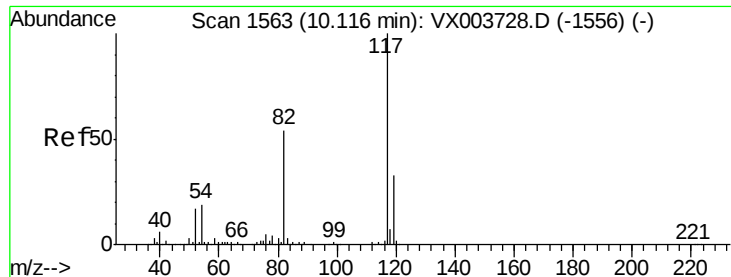


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

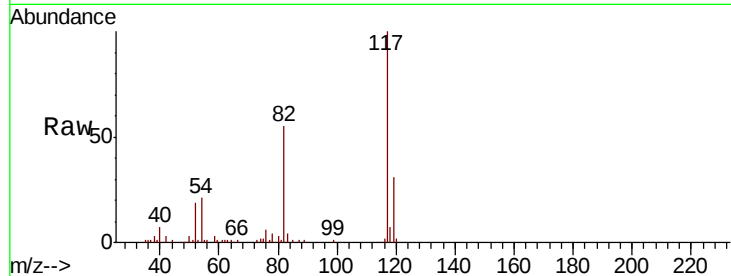




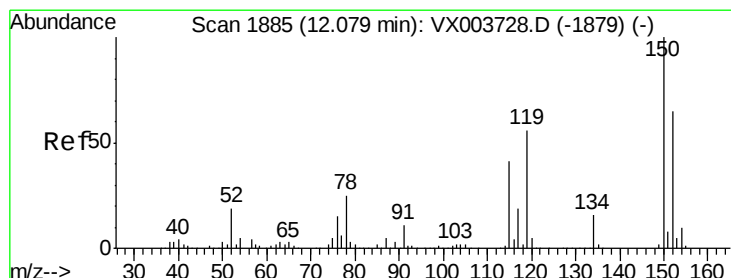
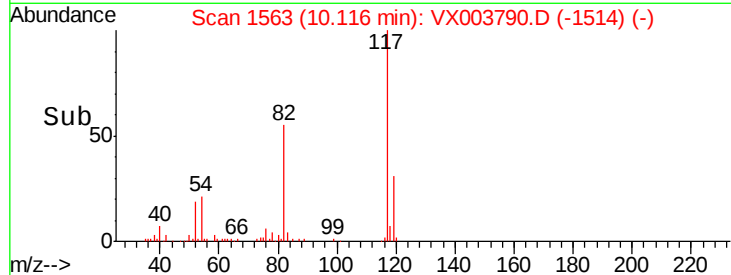
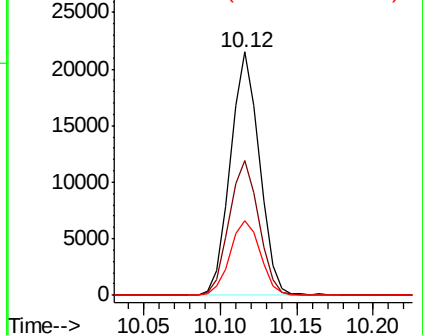
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003790.D
Acq: 01 Aug 2018 09:46

Instrument :
MSVOA_X
ClientSampleId :
SB-5(3-5)

Tot Ion:117 Resp: 28402
Ion Ratio Lower Upper
117 100
82 55.3 43.2 64.8
119 30.9 26.3 39.5

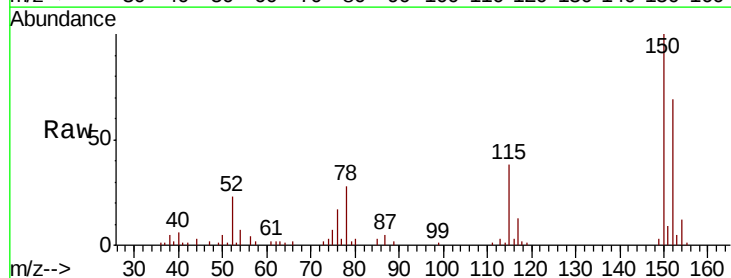


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

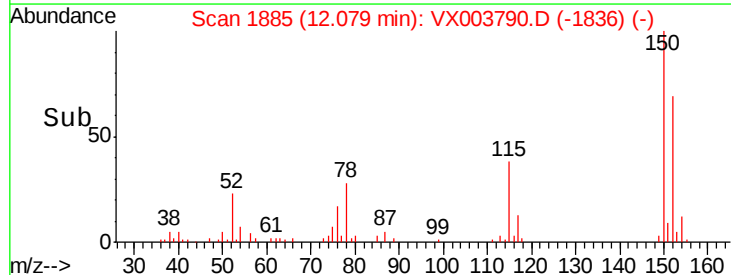
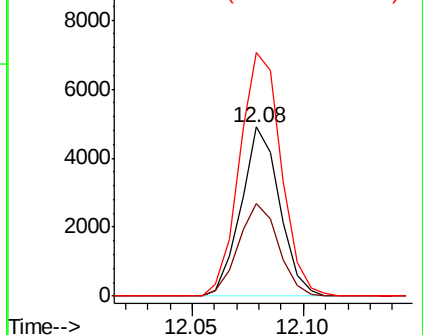


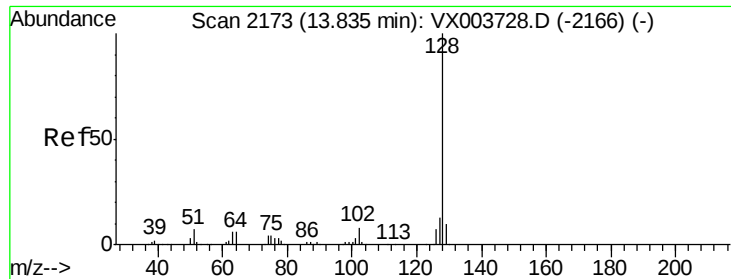
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003790.D
Acq: 01 Aug 2018 09:46

Tgt Ion:152 Resp: 5923
Ion Ratio Lower Upper
152 100
115 57.0 38.5 115.3
150 154.8 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: 6.96 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003790.D

Acq: 01 Aug 2018 09:46

Instrument :

MSVOA_X

ClientSampleId :

SB-5(3-5)

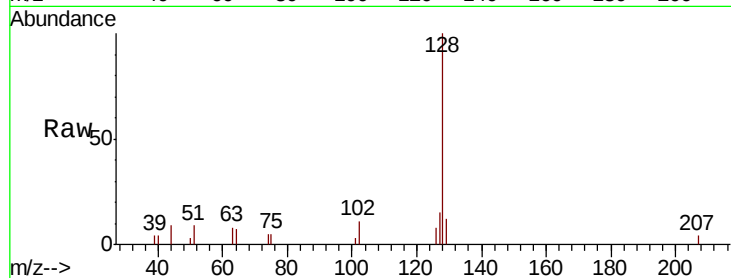
Tot Ion:128 Resp: 2150

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.2

129 11.8 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

