

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003750.D
 Acq On : 31 Jul 2018 15:19
 Operator : JC/SP
 Sample : J4139-04
 Misc : 6.90G/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 G-4

Quant Time: Jul 31 16:38:24 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

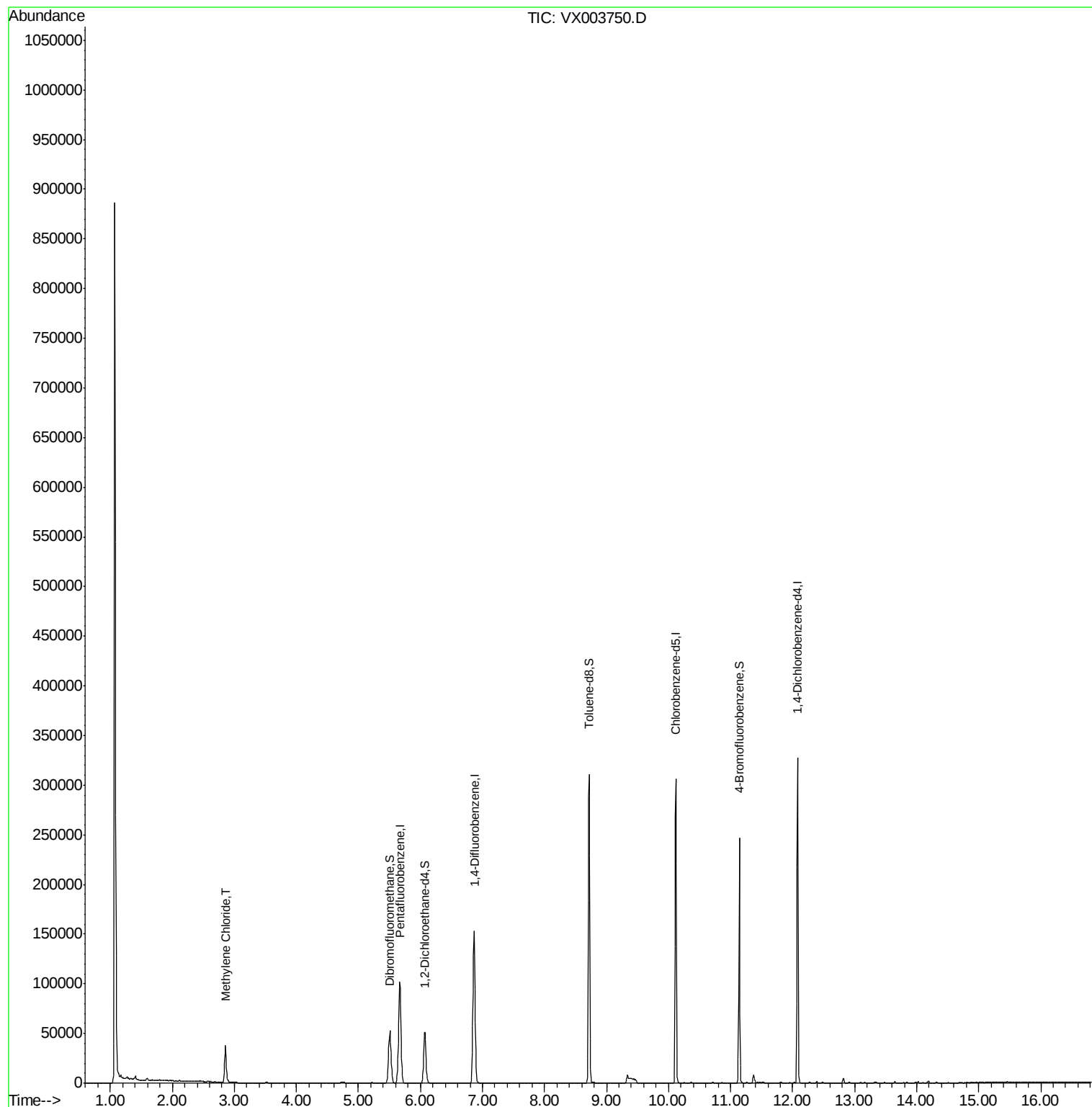
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	98008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	152782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	66090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	49435	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
35) Dibromofluoromethane	5.51	113	44528	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
50) Toluene-d8	8.72	98	182799	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.14	95	59147	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
Target Compounds						
20) Methylene Chloride	2.86	84	16764	14.56	ug/l	Qvalue 95

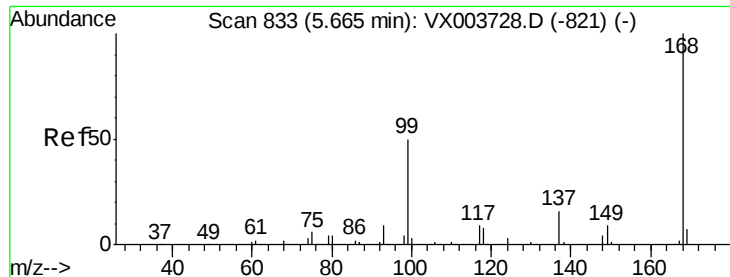
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073118\
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QLast Update : Tue Jul 31 11:17:41 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003750.D

Acq: 31 Jul 2018 15:19

Instrument :

MSVOA_X

ClientSampleId :

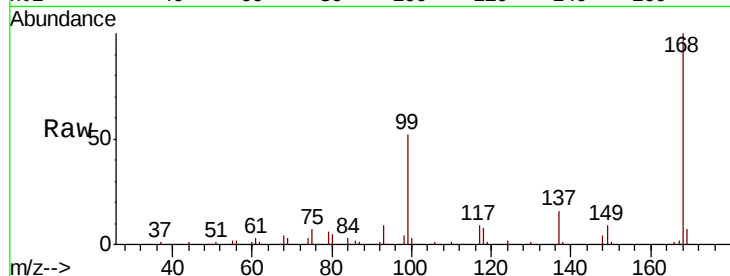
G-4

Tot Ion:168 Resp: 98008

Ion Ratio Lower Upper

168 100

99 51.6 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

40000

30000

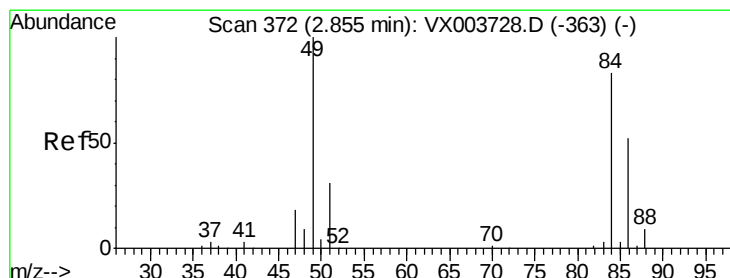
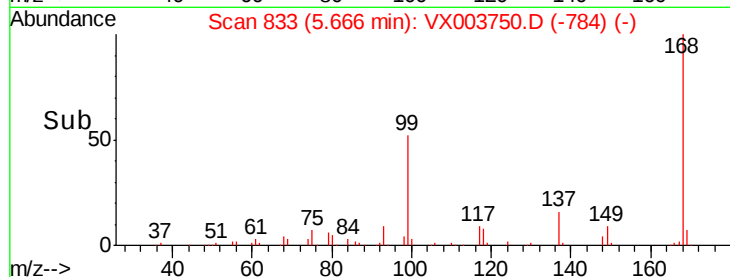
20000

10000

0

5.60 5.70 5.80

Time-->



#20

Methylene Chloride

Concen: 14.56 ug/l

RT: 2.86 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003750.D

Acq: 31 Jul 2018 15:19

Tgt Ion: 84 Resp: 16764

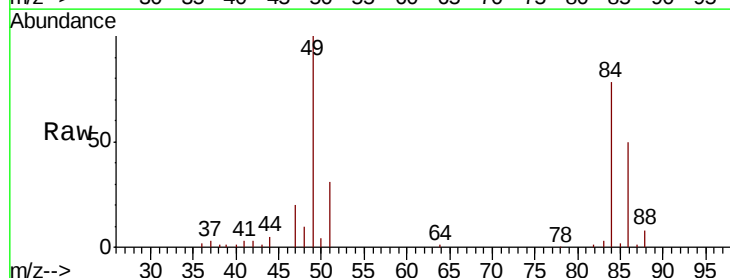
Ion Ratio Lower Upper

84 100

49 128.1 95.8 143.8

51 39.7 29.6 44.4

86 63.6 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

15000

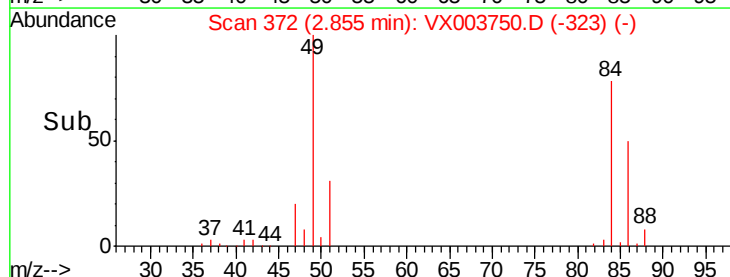
10000

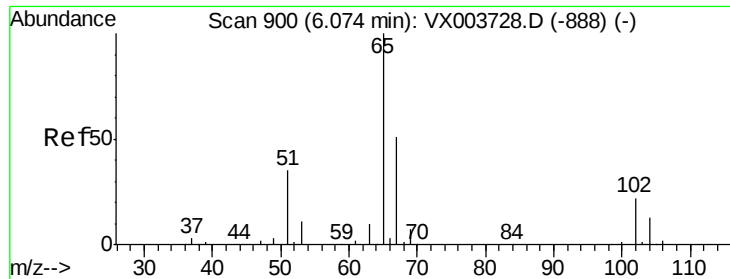
5000

0

2.80 2.85 2.90 2.95

Time-->

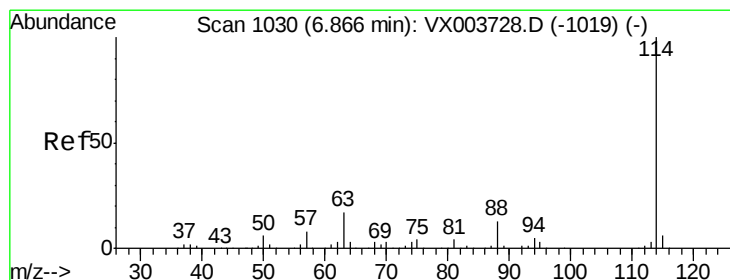
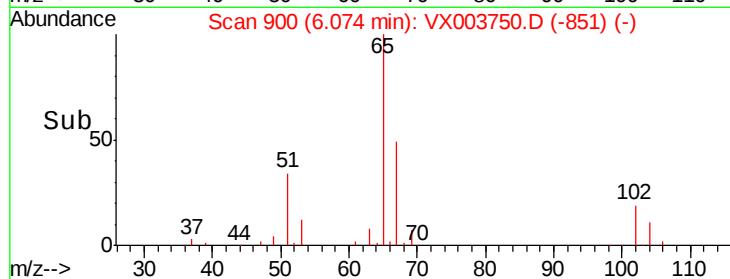
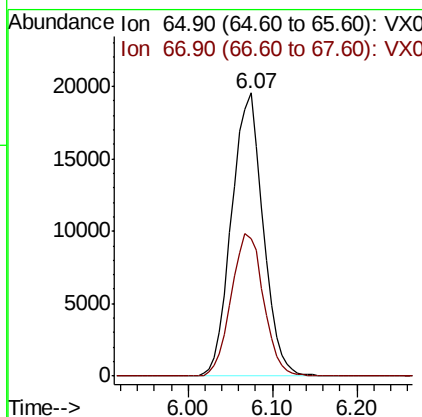
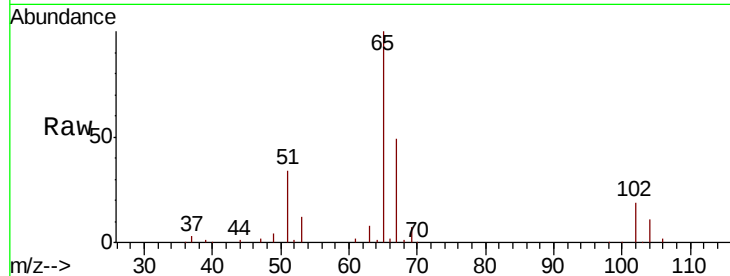




#33
 1,2-Dichloroethane-d4
 Concen: 49.87 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003750.D
 Acq: 31 Jul 2018 15:19

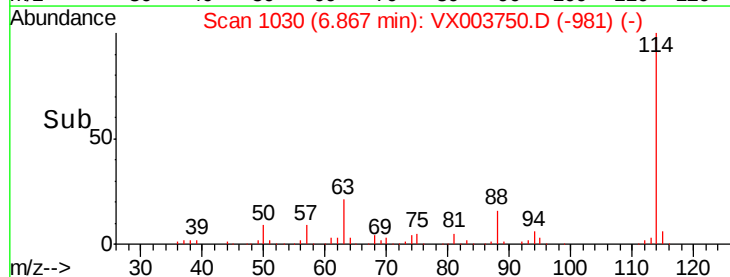
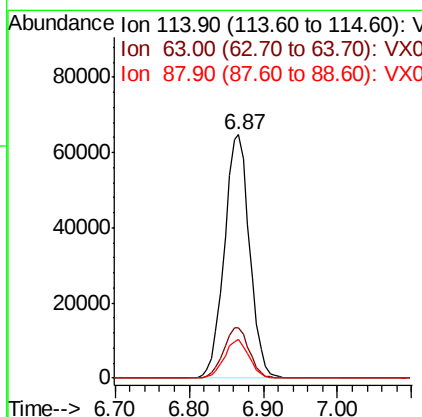
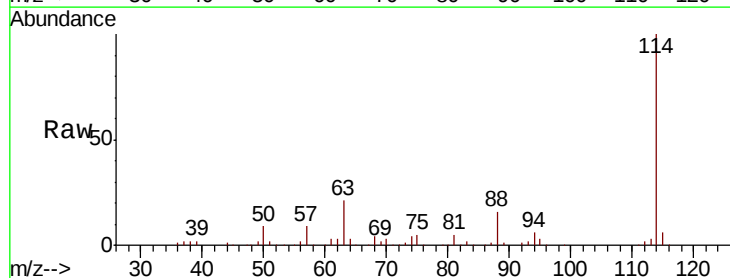
Instrument :
 MSVOA_X
 ClientSampleId :
 G-4

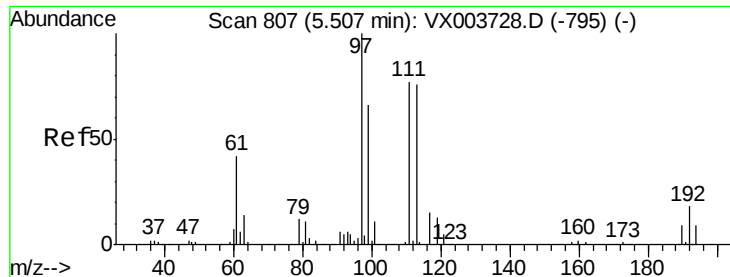
Tot Ion: 65 Resp: 49435
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003750.D
 Acq: 31 Jul 2018 15:19

Tgt Ion: 114 Resp: 152782
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 34.0
 88 16.0 0.0 26.4





#35

Dibromofluoromethane

Concen: 49.50 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003750.D

Acq: 31 Jul 2018 15:19

Instrument :

MSVOA_X

ClientSampleId :

G-4

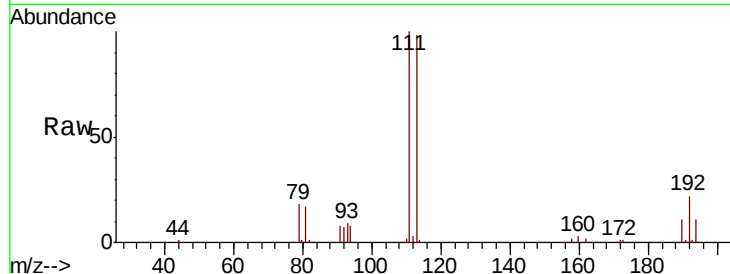
Tot Ion:113 Resp: 44528

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.6

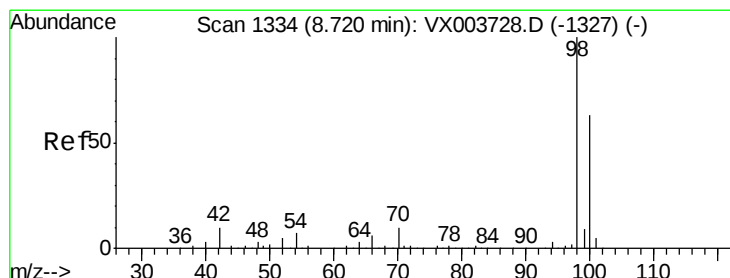
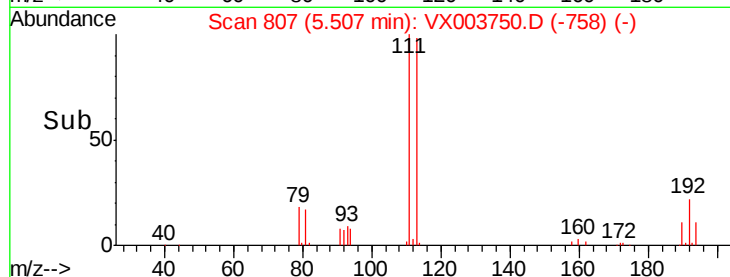
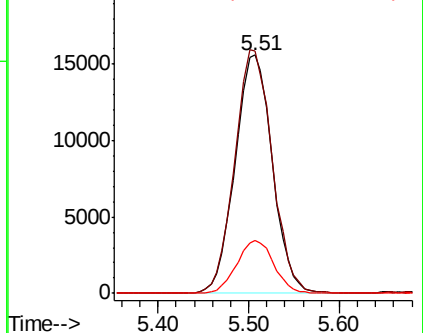
192 22.0 18.8 28.2



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: 48.74 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003750.D

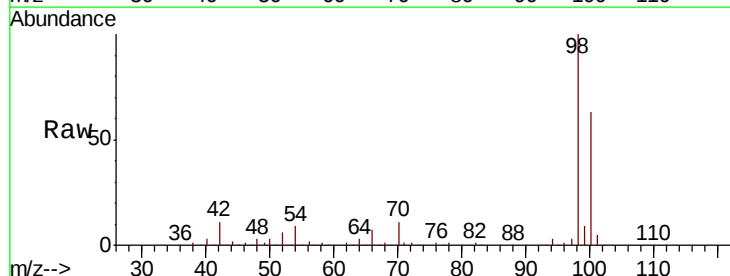
Acq: 31 Jul 2018 15:19

Tgt Ion: 98 Resp: 182799

Ion Ratio Lower Upper

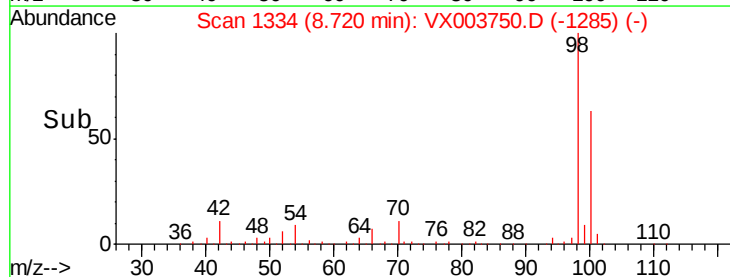
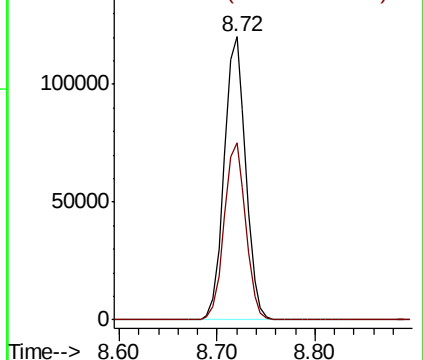
98 100

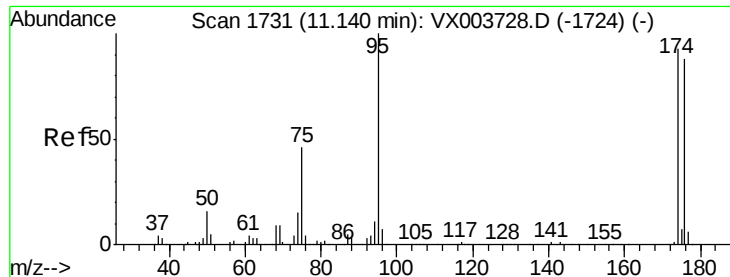
100 62.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

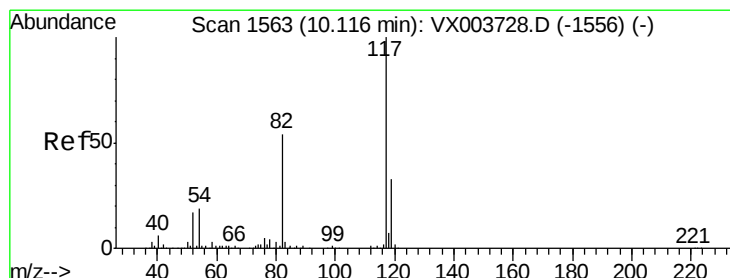
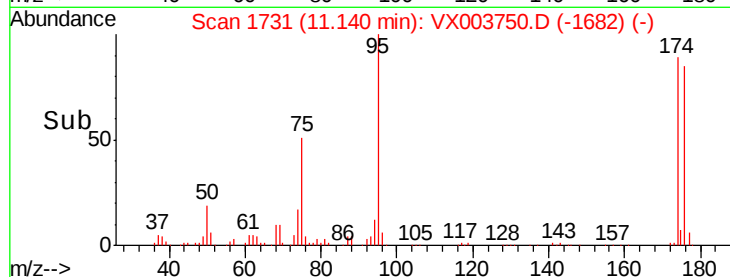
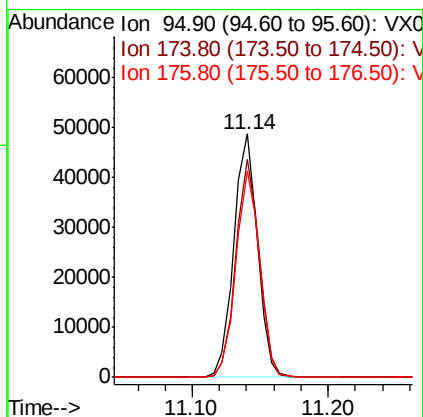
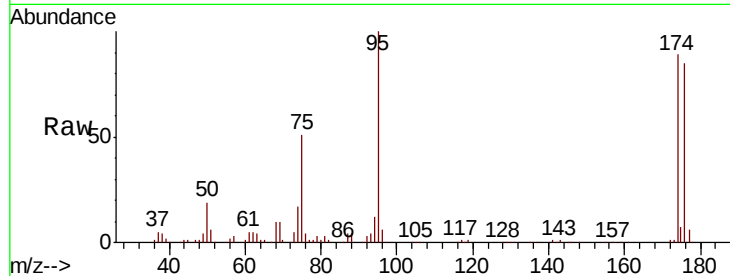




#62
4-Bromofluorobenzene
Concen: 42.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003750.D
Acq: 31 Jul 2018 15:19

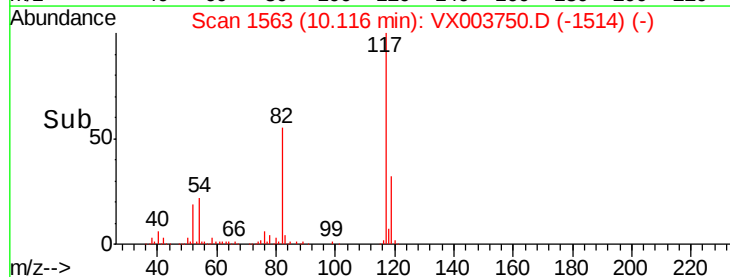
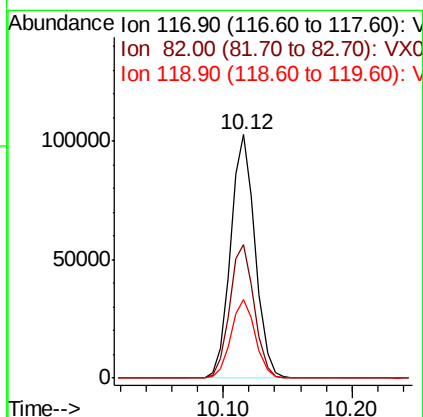
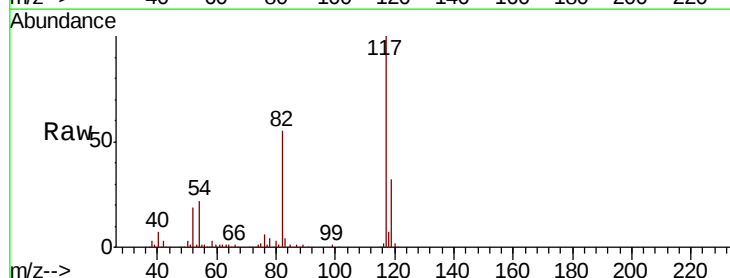
Instrument :
MSVOA_X
ClientSampleId :
G-4

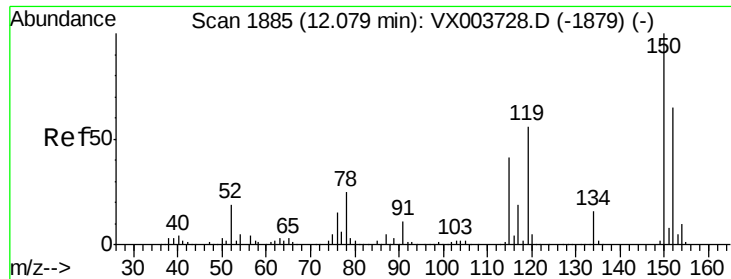
Tot Ion: 95 Resp: 59147
Ion Ratio Lower Upper
95 100
174 89.3 0.0 186.2
176 84.6 0.0 179.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003750.D
Acq: 31 Jul 2018 15:19

Tgt Ion: 117 Resp: 136198
Ion Ratio Lower Upper
117 100
82 54.9 43.2 64.8
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003750.D

Acq: 31 Jul 2018 15:19

Instrument :

MSVOA_X

ClientSampleId :

G-4

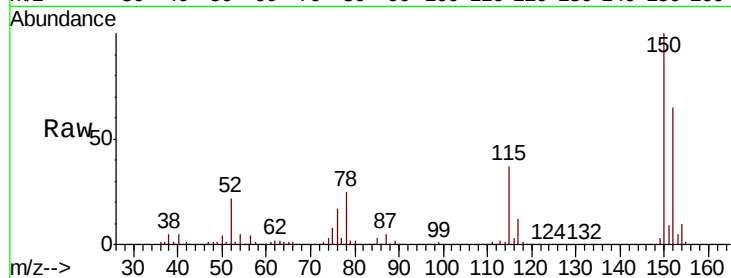
Tot Ion:152 Resp: 66090

Ion Ratio Lower Upper

152 100

115 55.7 38.5 115.3

150 154.3 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

