

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006129.D
 Acq On : 21 Nov 2018 17:53
 Operator : JC/MD
 Sample : J6032-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 22 03:21:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

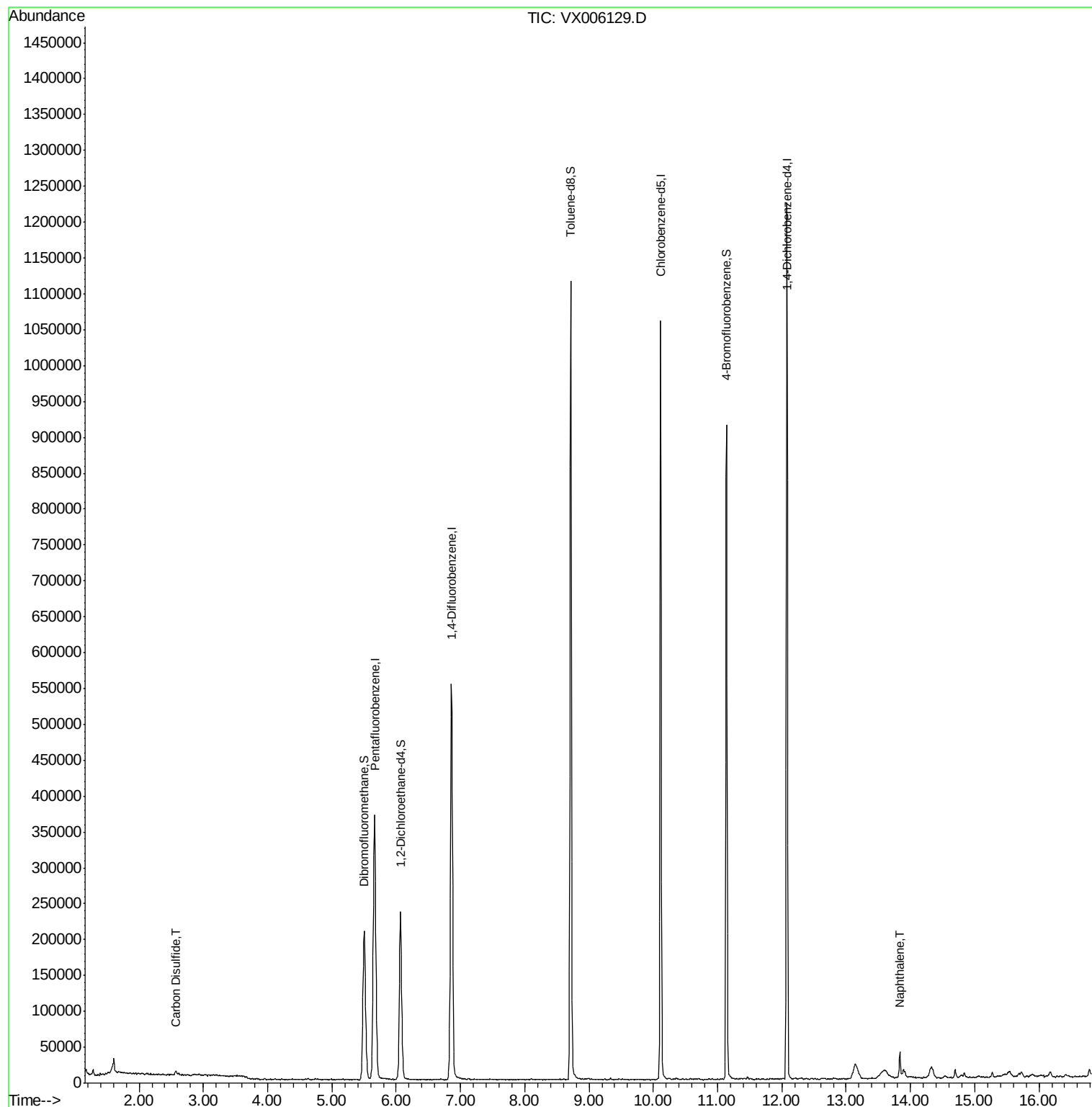
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	373780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	552279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	501556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	246718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	221420	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	5.50	113	176867	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	8.71	98	666749	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	229763	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
17) Carbon Disulfide	2.57	76	7943	1.090	ug/l #	90
95) Naphthalene	13.83	128	25173	1.542	ug/l	97

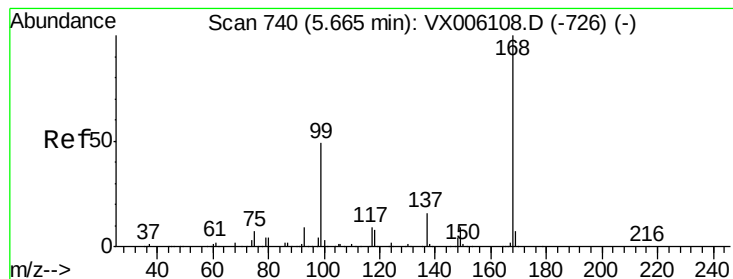
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006129.D

Acq: 21 Nov 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

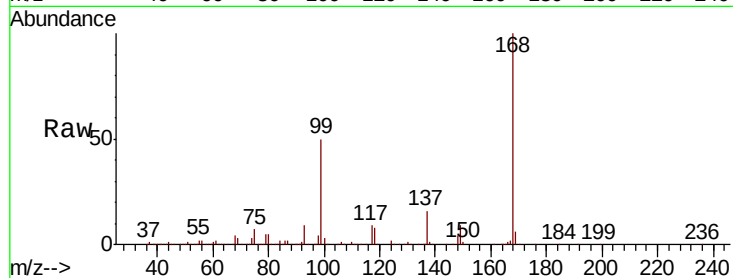
TRIP-BLANK

Tot Ion:168 Resp: 373780

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

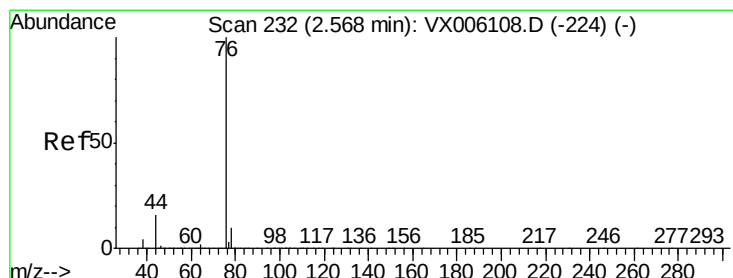
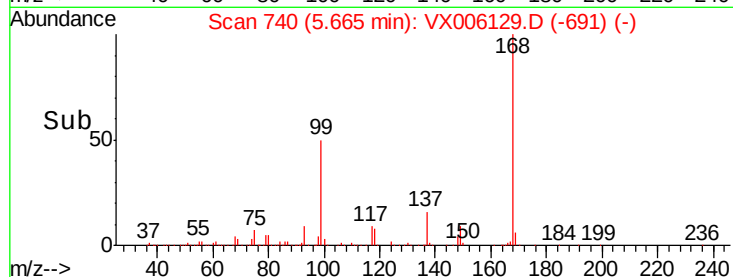
150000

100000

50000

0

Time-->



#17

Carbon Disulfide

Concen: 1.090 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006129.D

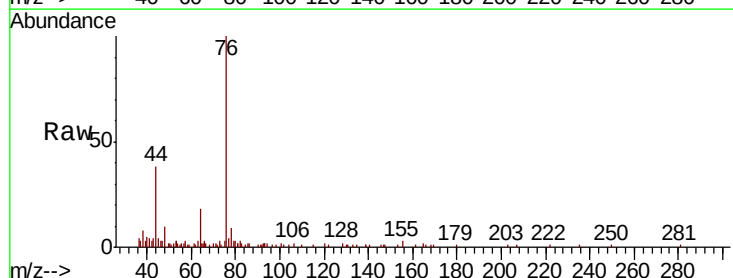
Acq: 21 Nov 2018 17:53

Tgt Ion: 76 Resp: 7943

Ion Ratio Lower Upper

76 100

78 5.9 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

5000

4000

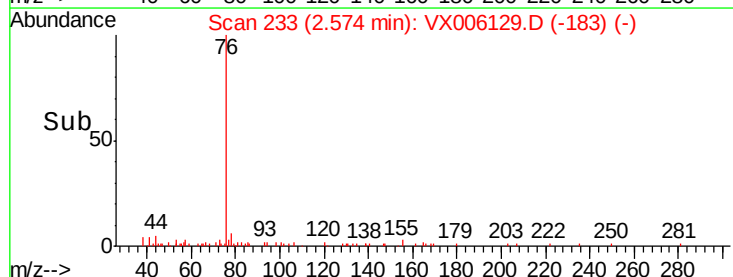
3000

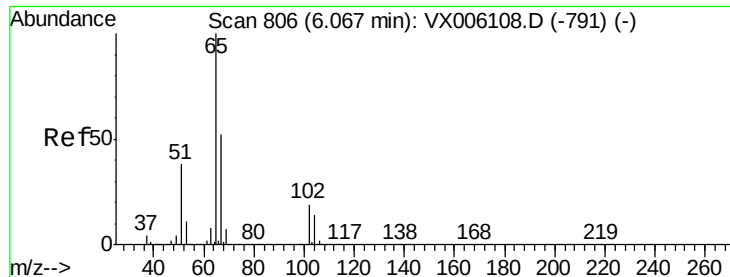
2000

1000

0

Time-->

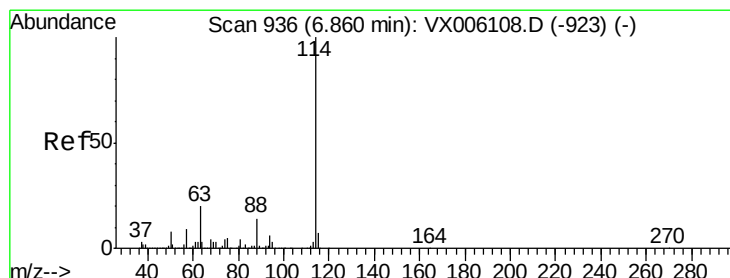
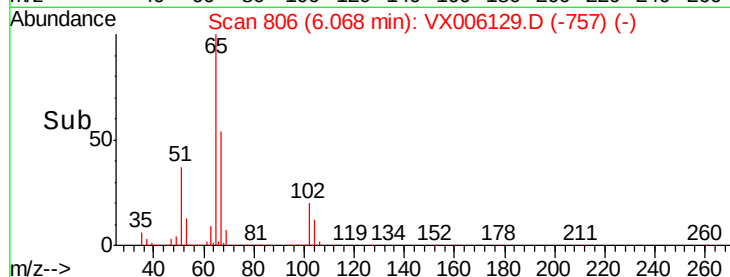
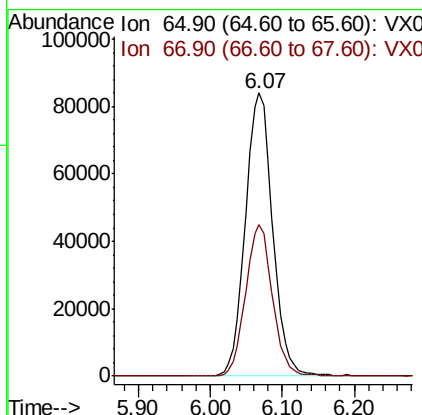
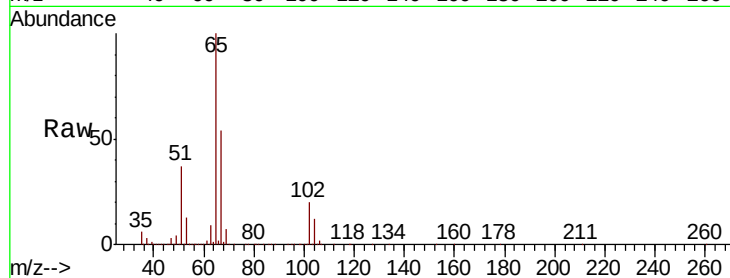




#33
 1,2-Dichloroethane-d4
 Concen: 51.123 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006129.D
 Acq: 21 Nov 2018 17:53

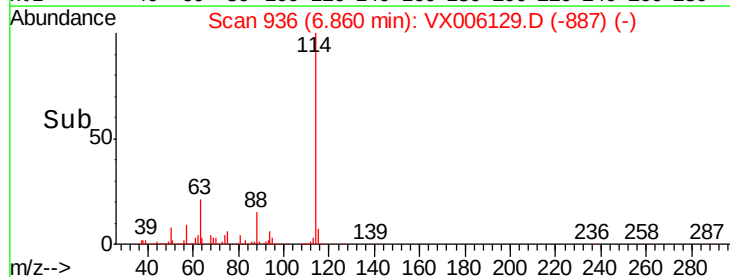
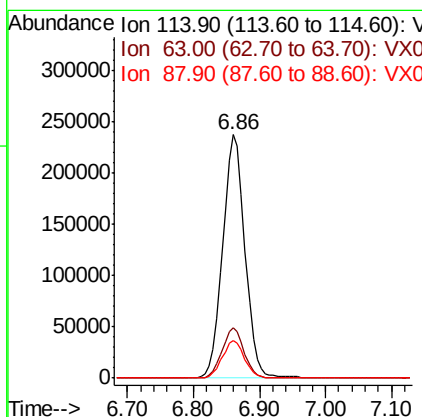
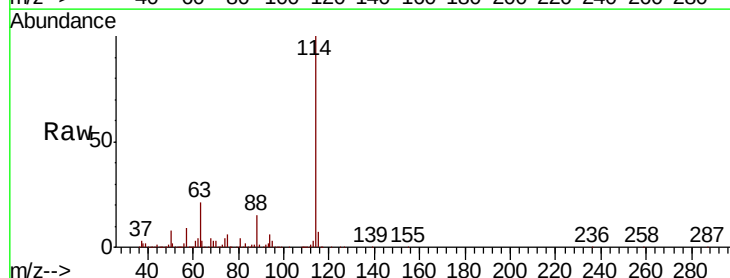
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

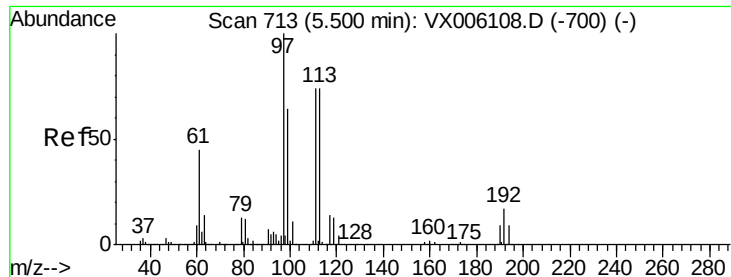
Tot Ion: 65 Resp: 221420
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006129.D
 Acq: 21 Nov 2018 17:53

Tgt Ion: 114 Resp: 552279
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 15.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 49.889 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006129.D

Acq: 21 Nov 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

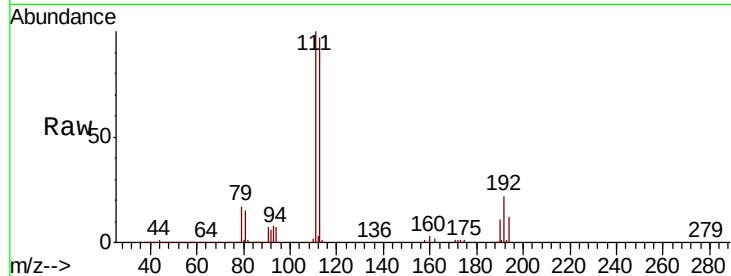
Tot Ion:113 Resp: 176867

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

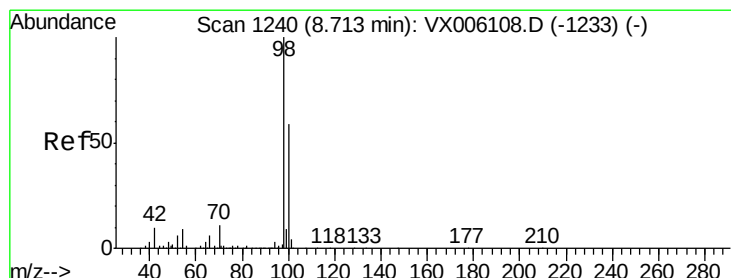
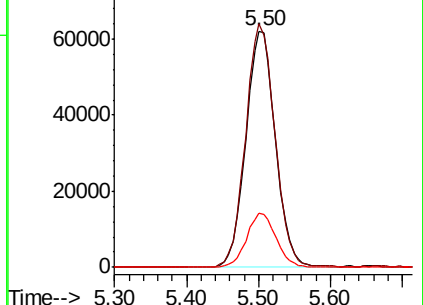
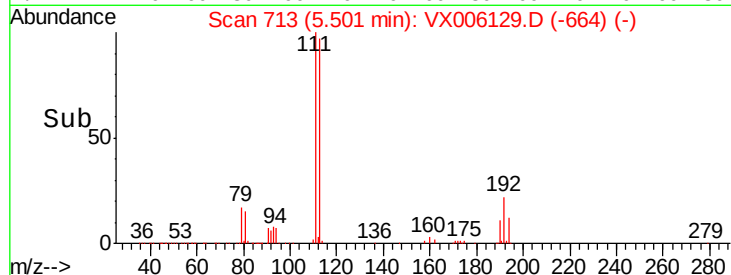
192 22.9 18.6 28.0



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: 49.309 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006129.D

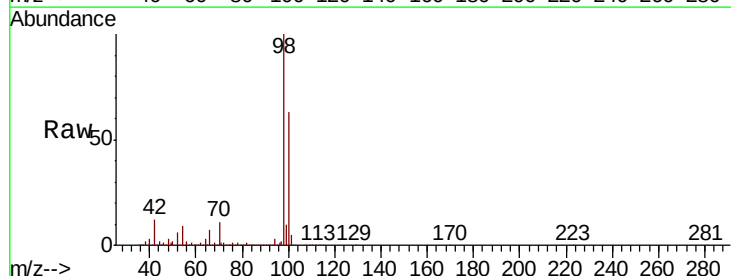
Acq: 21 Nov 2018 17:53

Tgt Ion: 98 Resp: 666749

Ion Ratio Lower Upper

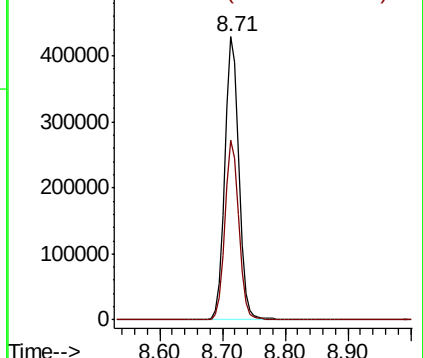
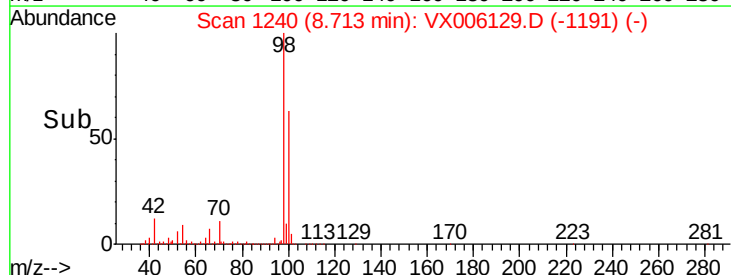
98 100

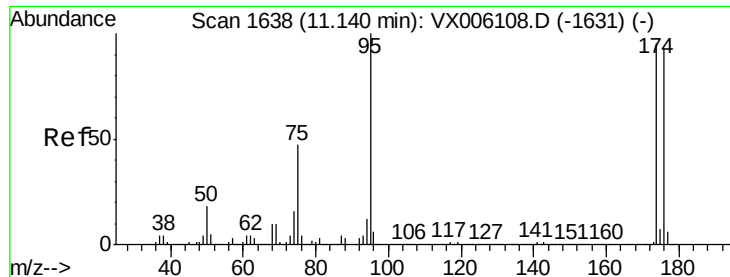
100 63.1 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.287 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006129.D

Acq: 21 Nov 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

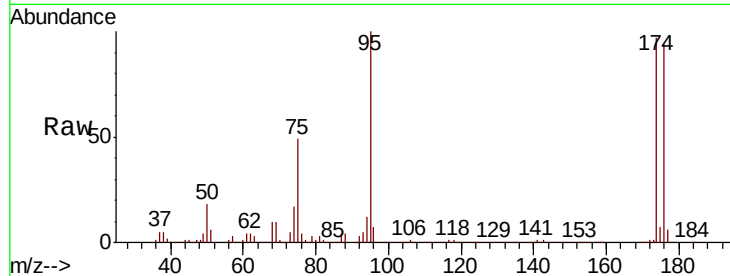
Tot Ion: 95 Resp: 229763

Ion Ratio Lower Upper

95 100

174 91.8 0.0 184.4

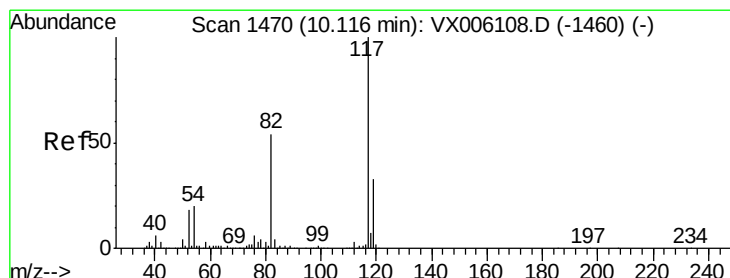
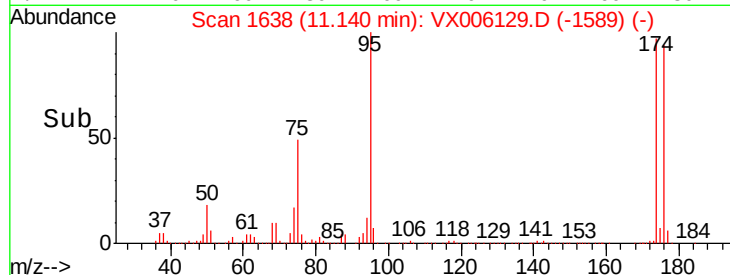
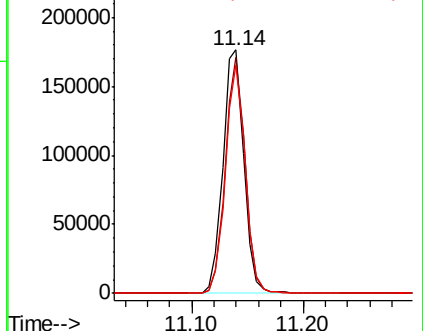
176 89.1 0.0 179.0



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006129.D

Acq: 21 Nov 2018 17:53

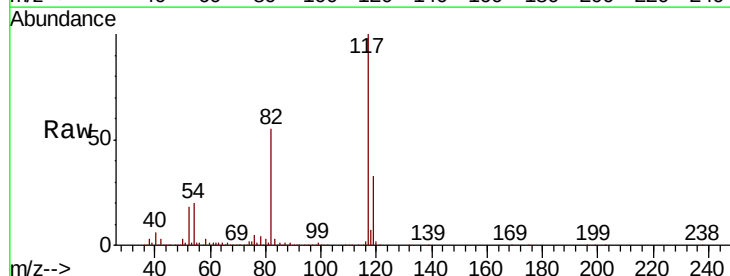
Tgt Ion: 117 Resp: 501556

Ion Ratio Lower Upper

117 100

82 54.5 43.0 64.4

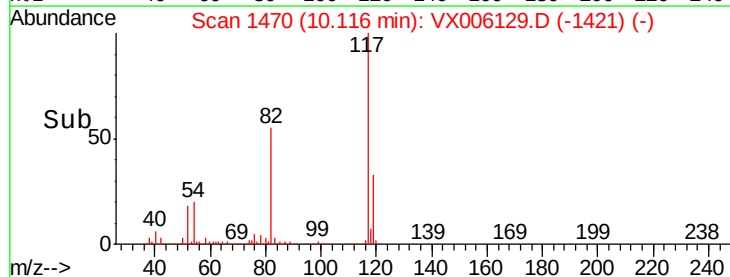
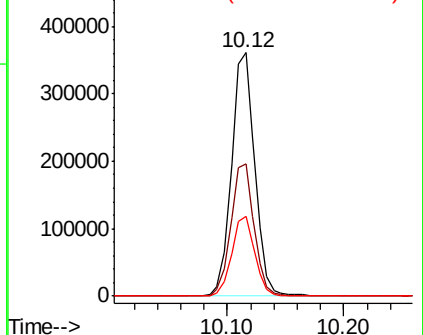
119 32.7 26.1 39.1

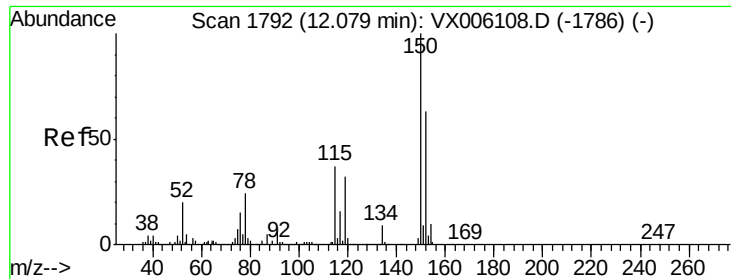


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



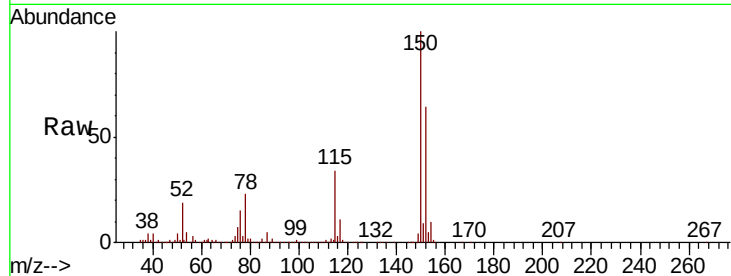


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006129.D
Acq: 21 Nov 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.0	116.9
150	158.2	0.0	346.6

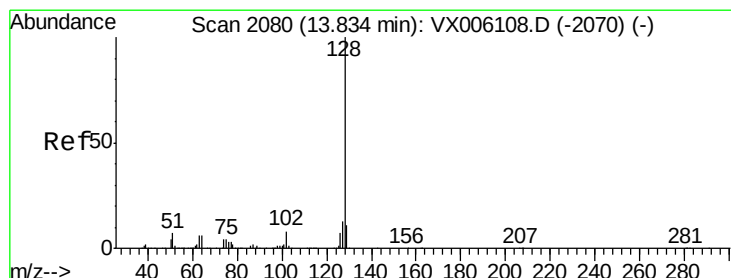
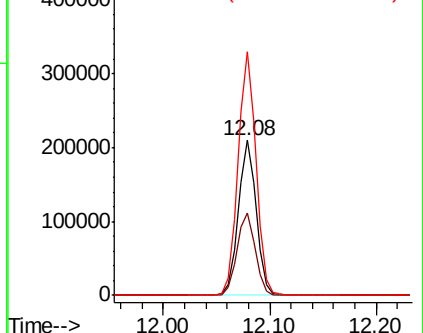
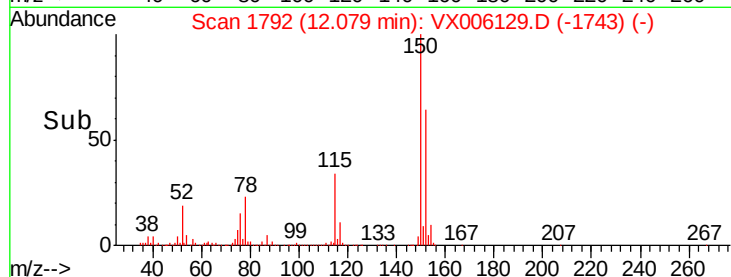


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

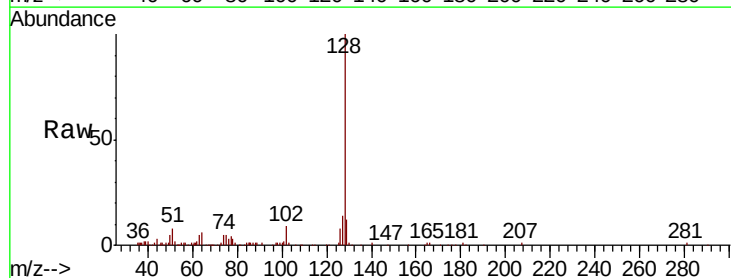
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.542 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006129.D
Acq: 21 Nov 2018 17:53

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	13.1	8.8	13.2



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

