

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003447.D
 Acq On : 18 Jul 2018 15:08
 Operator : JC/MD
 Sample : J4008-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KG-FM1026

Quant Time: Jul 19 12:50:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

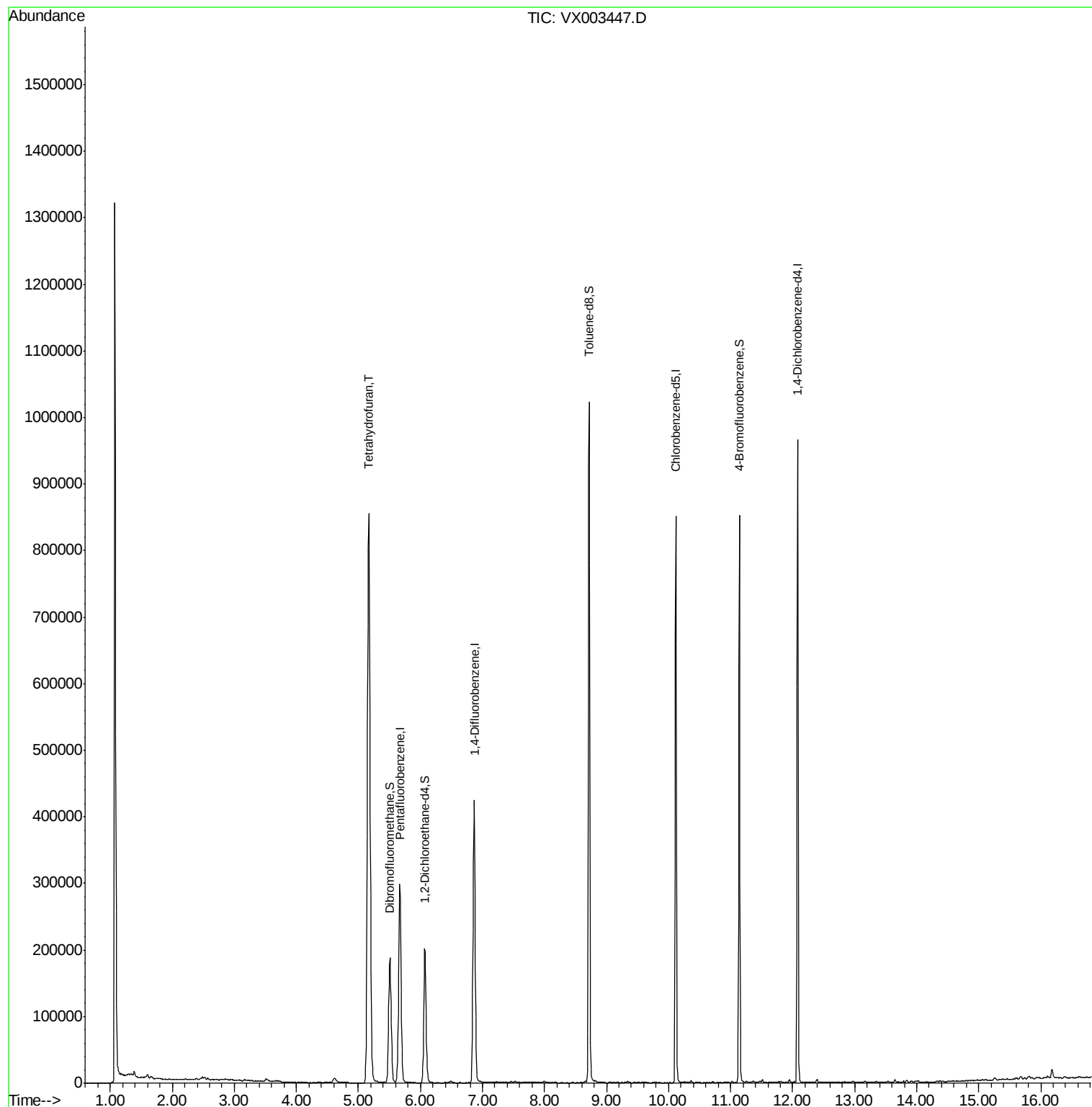
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	438040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	212325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187096	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
35) Dibromofluoromethane	5.51	113	160294	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
50) Toluene-d8	8.72	98	617416	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.14	95	212178	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
Target Compounds						
29) Tetrahydrofuran	5.17	42	789648	473.62	ug/l	Qvalue 91

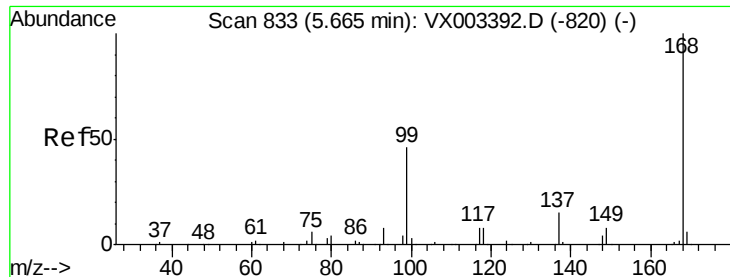
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003447.D

Acq: 18 Jul 2018 15:08

Instrument :

MSVOA_X

ClientSampled :

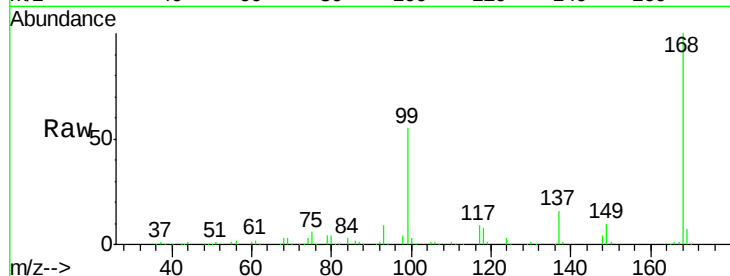
KG-FM1026

Tot Ion:168 Resp: 308398

Ion Ratio Lower Upper

168 100

99 54.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

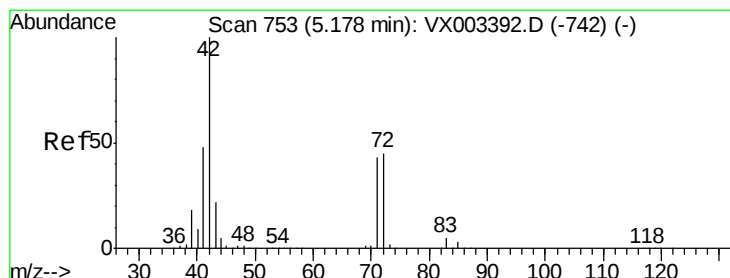
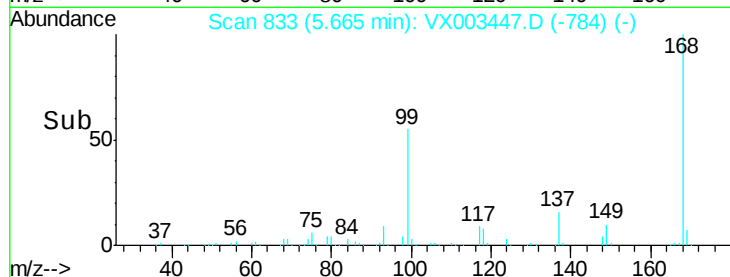
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#29

Tetrahydrofuran

Concen: 473.62 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX003447.D

Acq: 18 Jul 2018 15:08

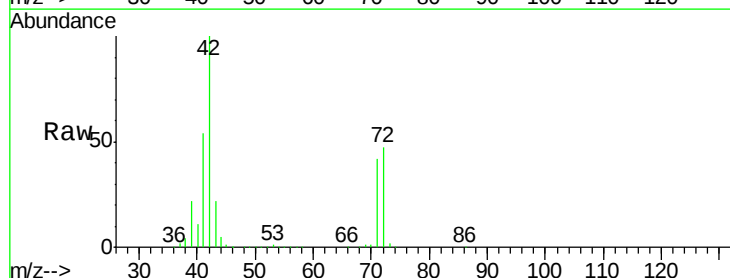
Tgt Ion: 42 Resp: 789648

Ion Ratio Lower Upper

42 100

72 45.8 32.0 48.0

71 42.6 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.17

300000

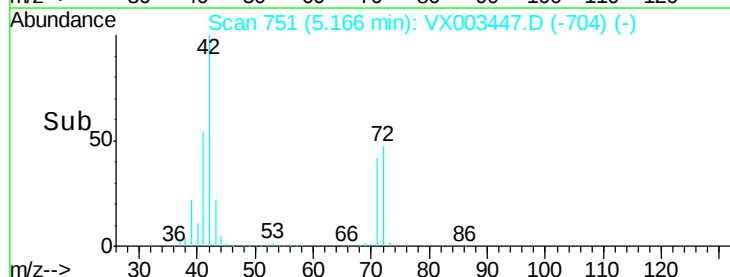
200000

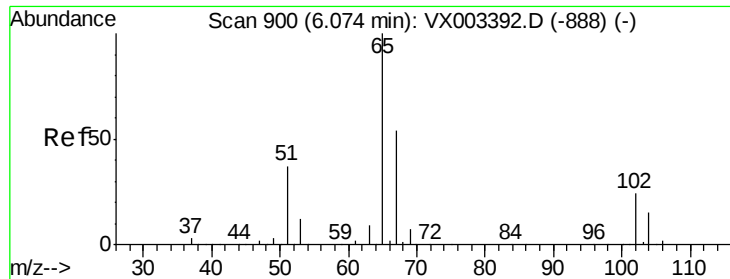
100000

0

Time-->

5.00 5.10 5.20 5.30





#33

1,2-Dichloroethane-d4

Concen: 46.33 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003447.D

Acq: 18 Jul 2018 15:08

Instrument :

MSVOA_X

ClientSampled :

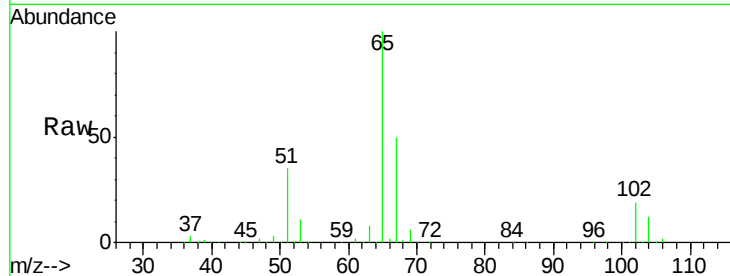
KG-FM1026

Tot Ion: 65 Resp: 187096

Ion Ratio Lower Upper

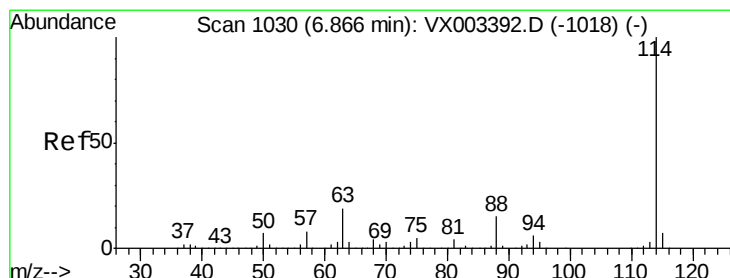
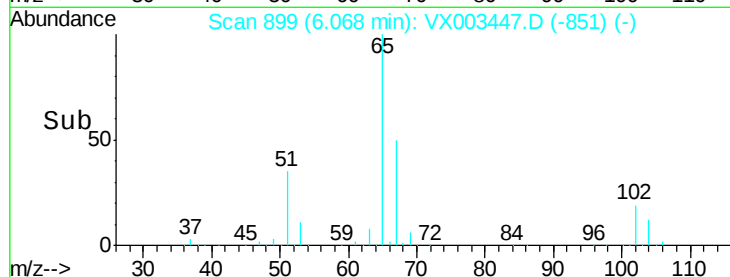
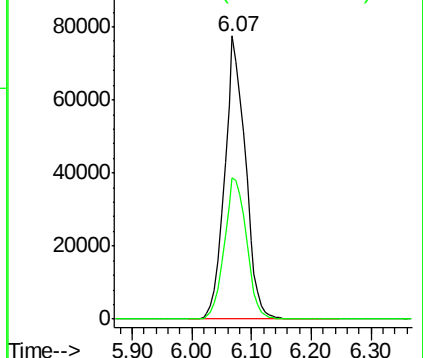
65 100

67 53.3 0.0 102.6



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: VX003447.D

Acq: 18 Jul 2018 15:08

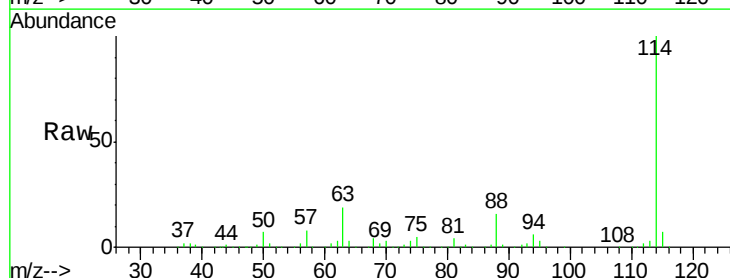
Tgt Ion: 114 Resp: 438040

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

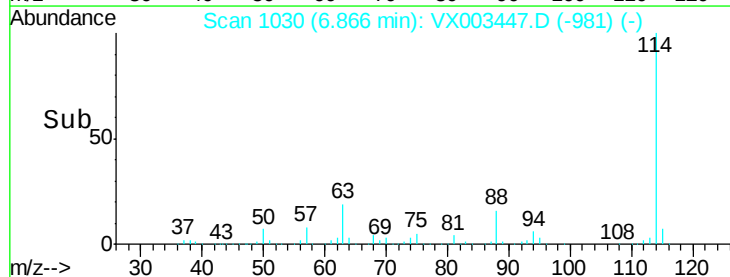
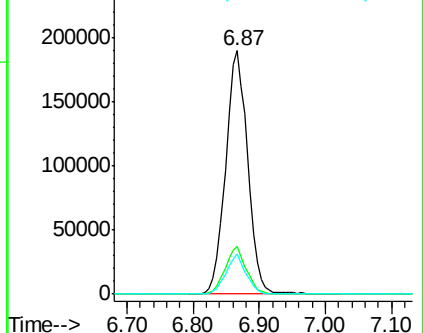
88 16.3 0.0 30.0

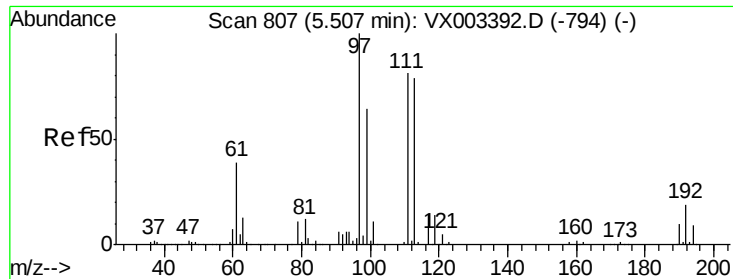


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

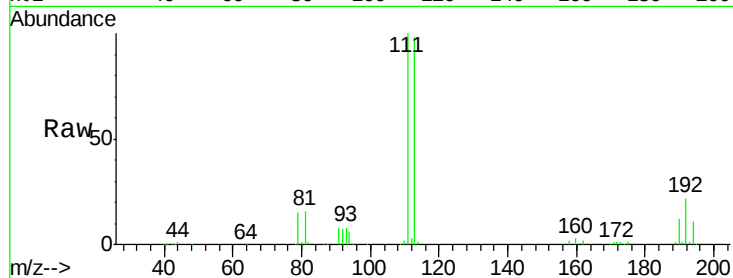




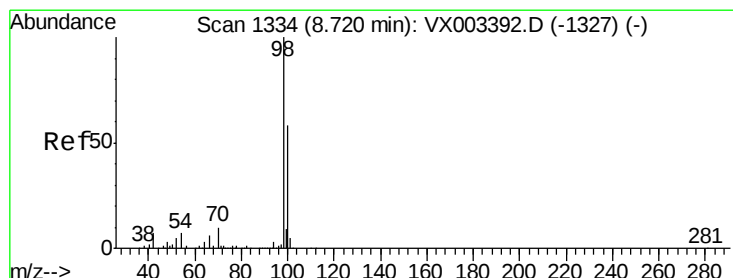
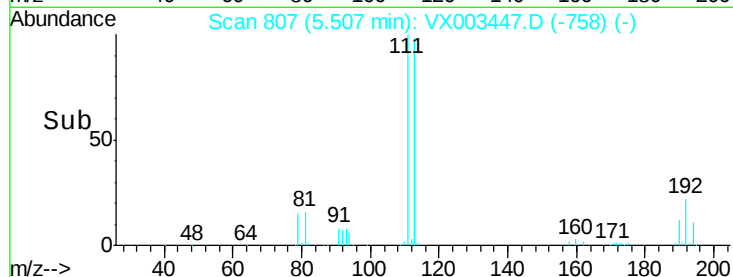
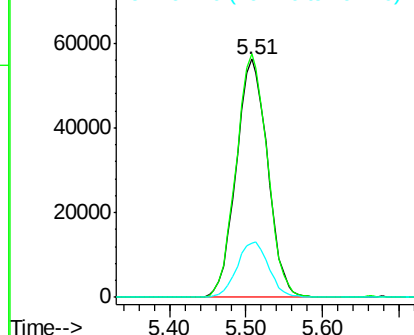
#35
 Dibromofluoromethane
 Concen: 45.23 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003447.D
 Acq: 18 Jul 2018 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 KG-FM1026

Tot Ion:113 Resp: 160294
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 23.4 19.1 28.7

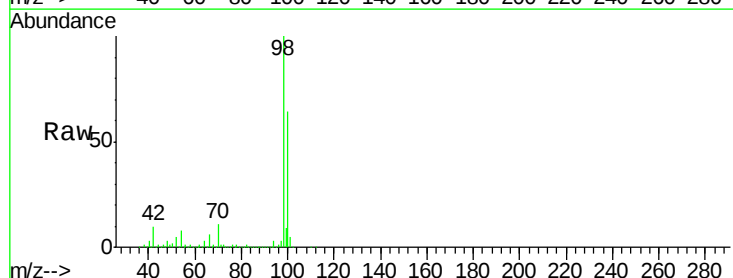


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

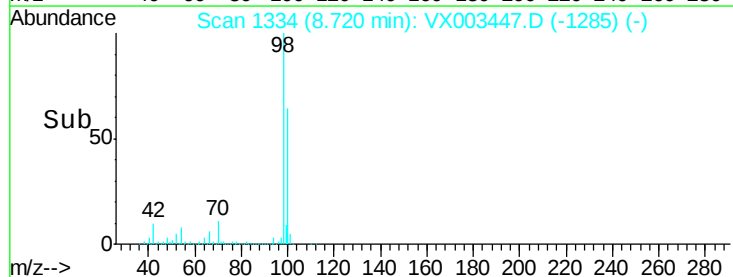
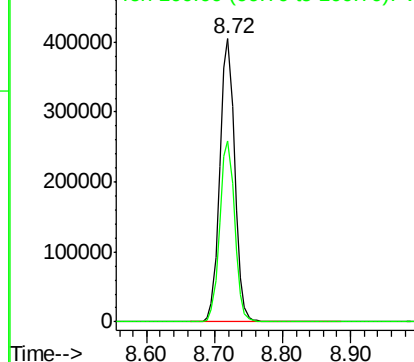


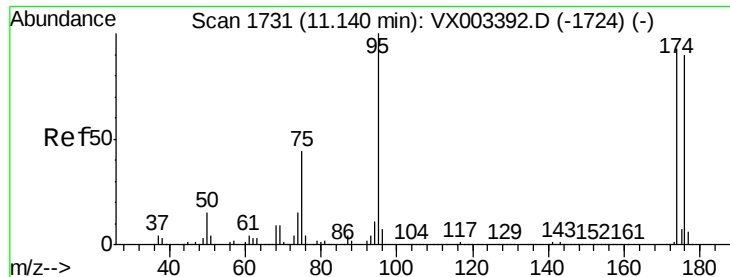
#50
 Toluene-d8
 Concen: 47.21 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003447.D
 Acq: 18 Jul 2018 15:08

Tgt Ion: 98 Resp: 617416
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

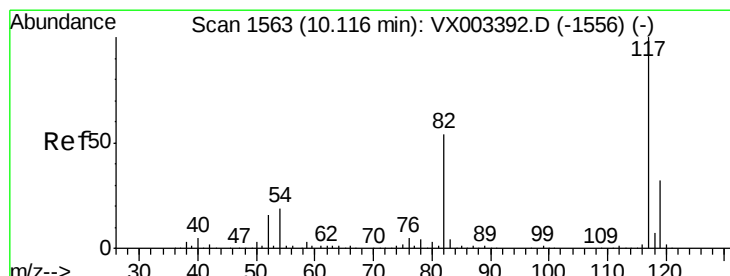
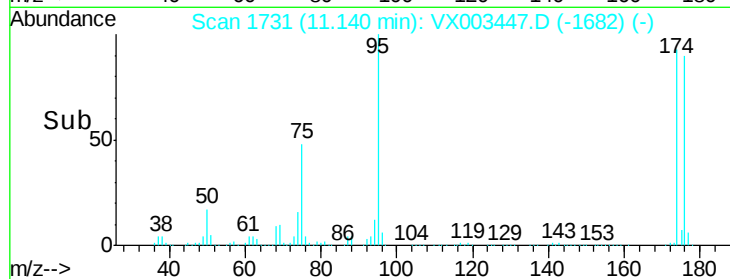
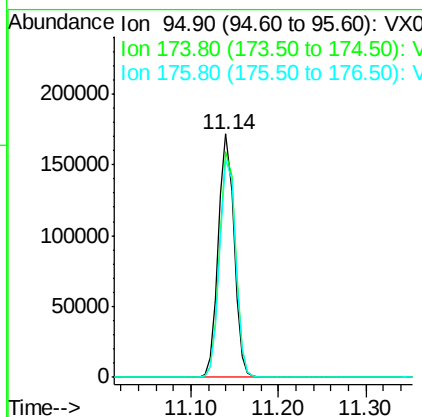
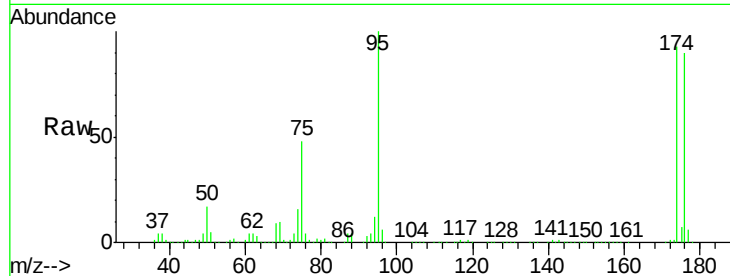




#62
4-Bromofluorobenzene
Concen: 45.44 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003447.D
Acq: 18 Jul 2018 15:08

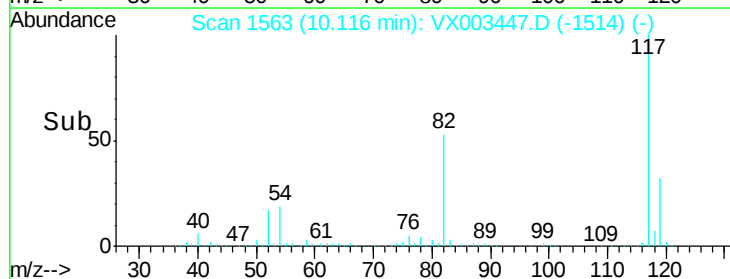
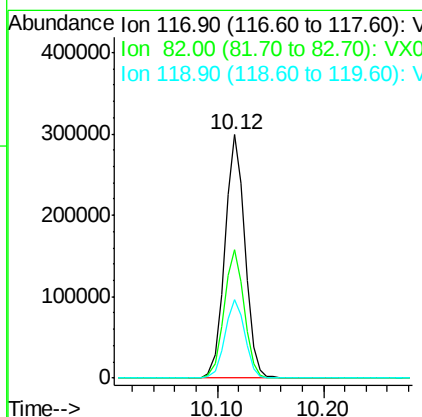
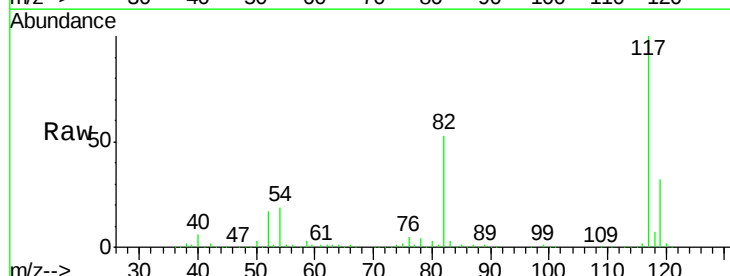
Instrument :
MSVOA_X
ClientSampled :
KG-FM1026

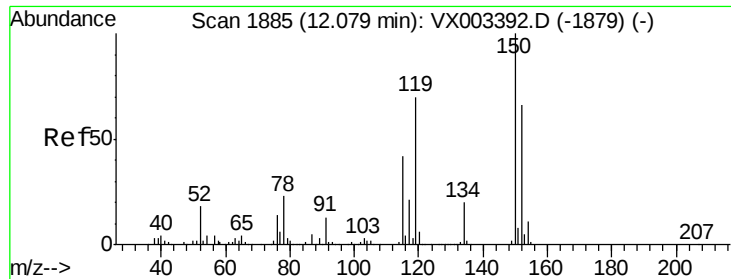
Tot Ion: 95 Resp: 212178
Ion Ratio Lower Upper
95 100
174 95.0 0.0 187.4
176 91.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003447.D
Acq: 18 Jul 2018 15:08

Tgt Ion: 117 Resp: 393654
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.4
119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003447.D

Acq: 18 Jul 2018 15:08

Instrument :

MSVOA_X

ClientSampleId :

KG-FM1026

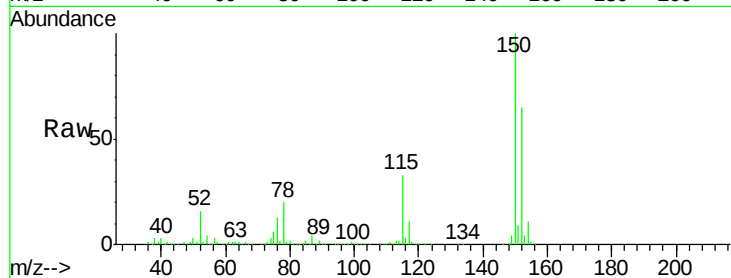
Tot Ion:152 Resp: 212325

Ion Ratio Lower Upper

152 100

115 54.8 40.1 120.2

150 156.5 0.0 347.2



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

