

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000729.D
 Acq On : 08 Apr 2018 14:22
 Operator : JC/MD
 Sample : J2190-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218

Quant Time: Apr 09 07:29:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	320050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	444879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242944	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	163960	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	
35) Dibromofluoromethane	5.51	113	136672	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
50) Toluene-d8	8.73	98	512472	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.15	95	209505	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	

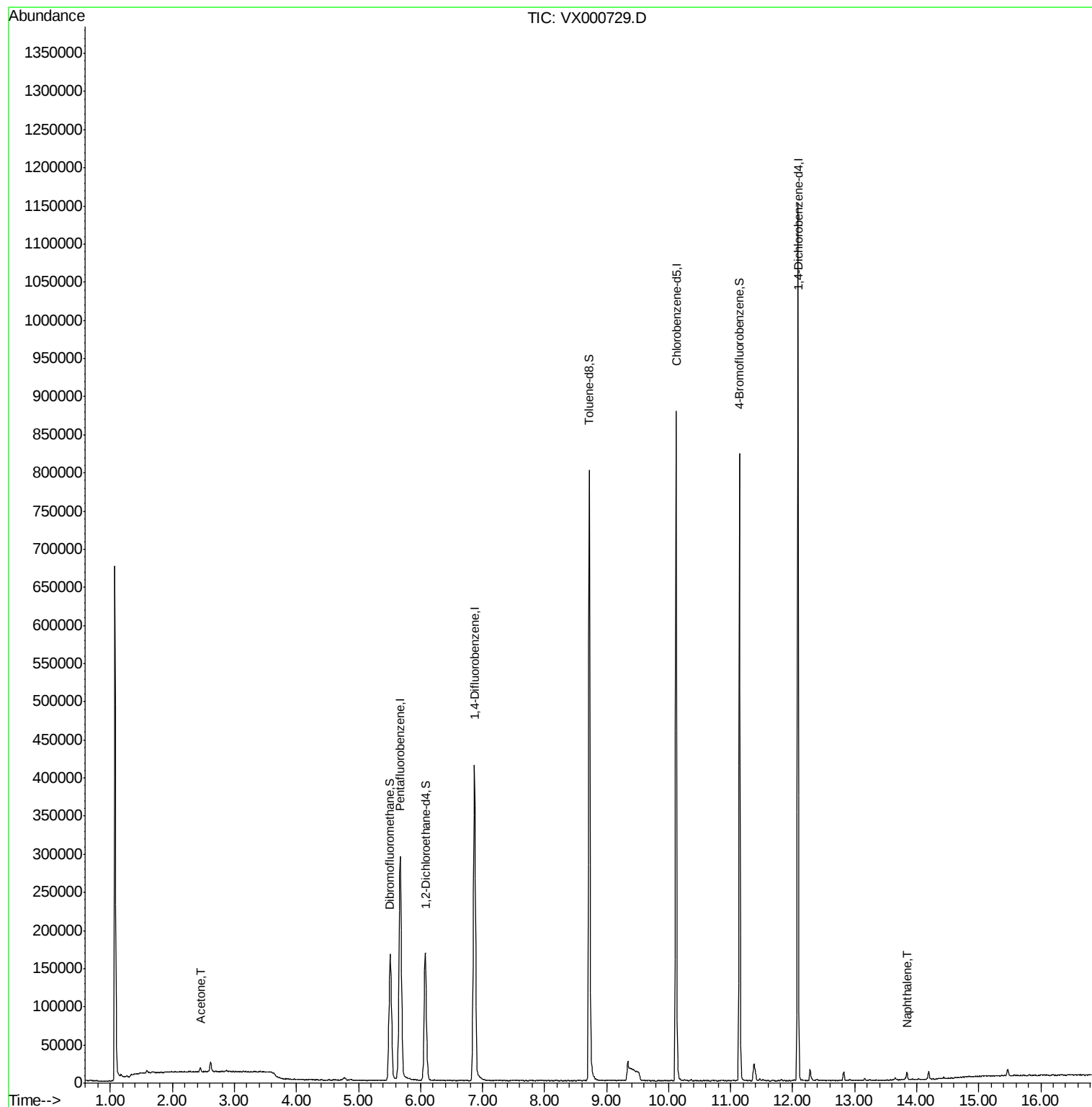
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	7019	6.11	ug/l	95
95) Naphthalene	13.84	128	6657	0.40	ug/l	100

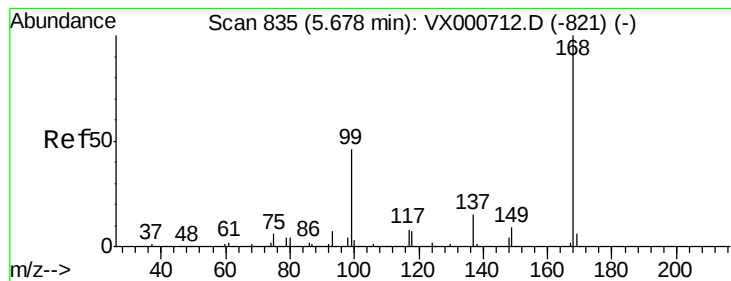
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000729.D

Acq: 08 Apr 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

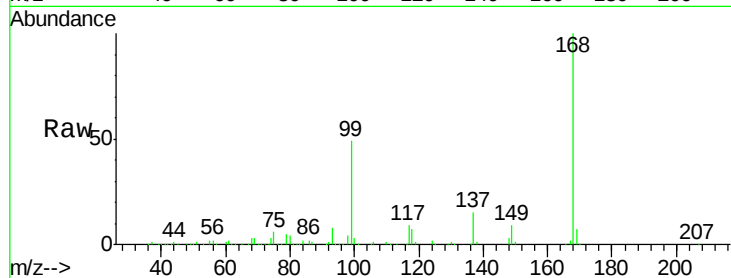
MW-19-040218

Tot Ion:168 Resp: 320050

Ion Ratio Lower Upper

168 100

99 49.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

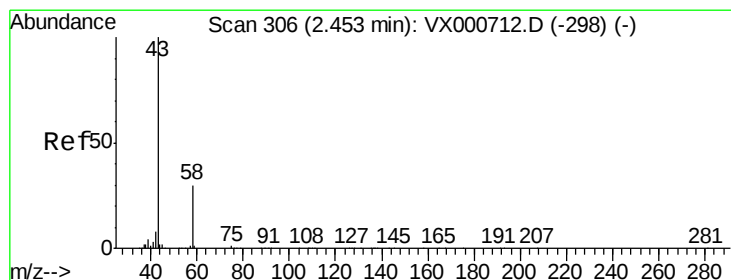
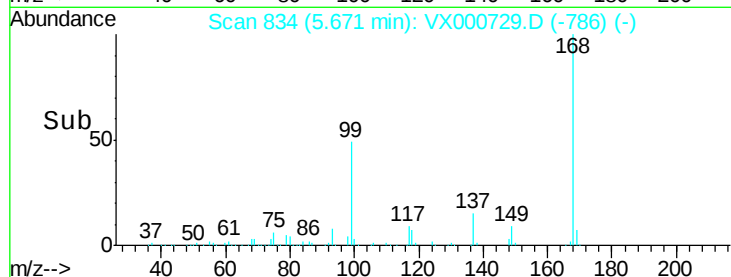
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 6.11 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000729.D

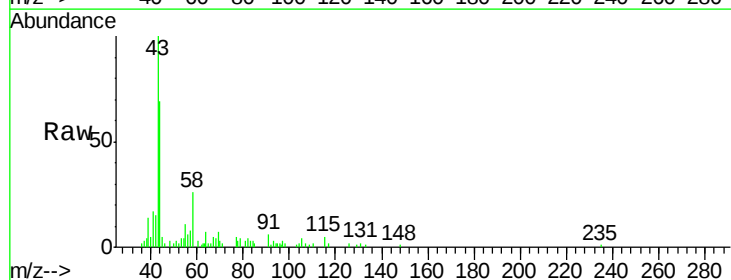
Acq: 08 Apr 2018 14:22

Tgt Ion: 43 Resp: 7019

Ion Ratio Lower Upper

43 100

58 27.4 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

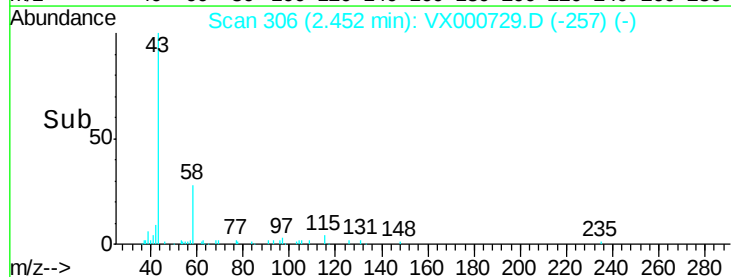
3000

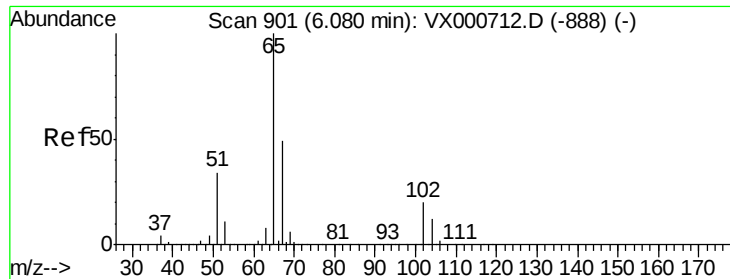
2000

1000

0

Time--> 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 44.80 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000729.D

Acq: 08 Apr 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

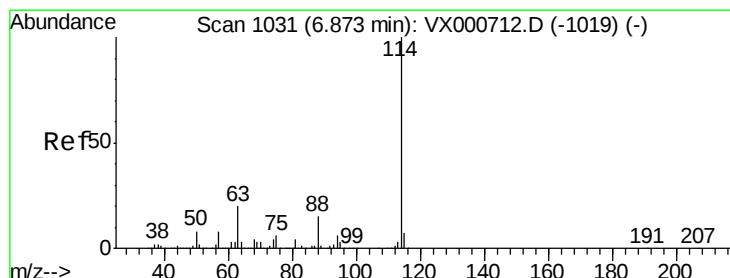
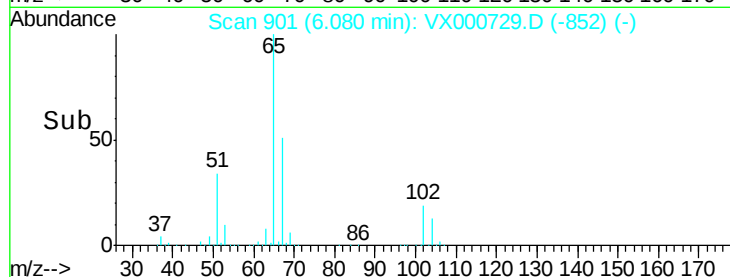
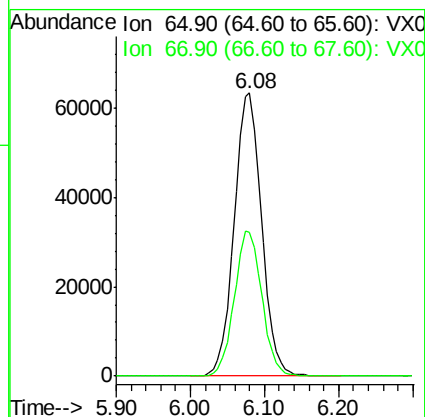
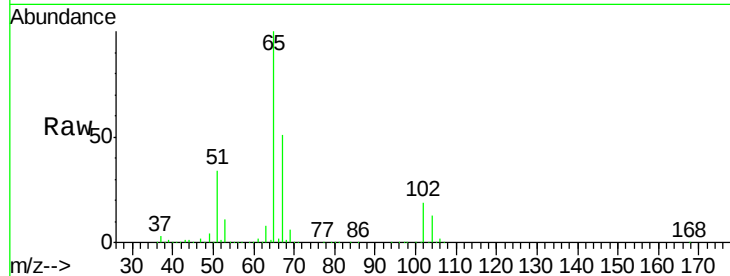
MW-19-040218

Tot Ion: 65 Resp: 163960

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000729.D

Acq: 08 Apr 2018 14:22

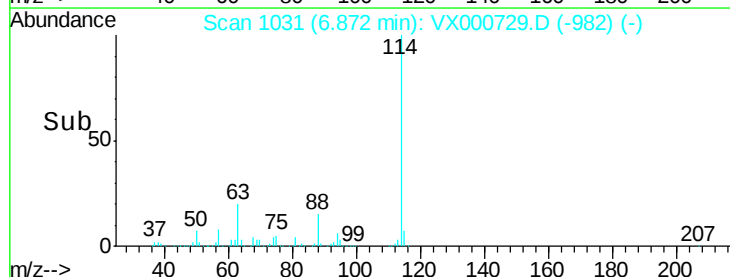
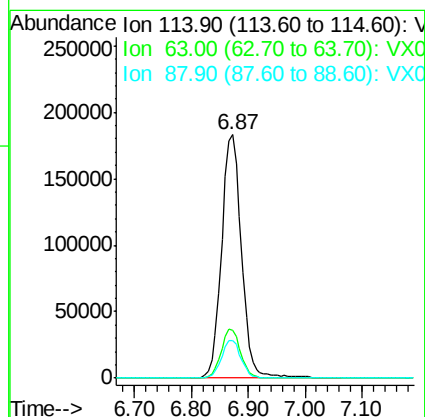
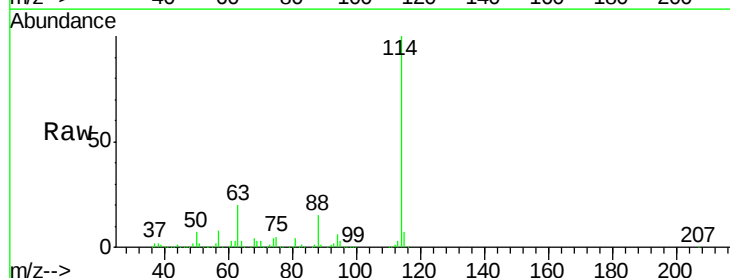
Tgt Ion: 114 Resp: 444879

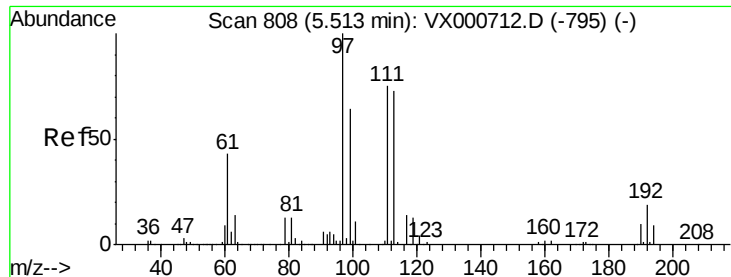
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.3 0.0 30.6

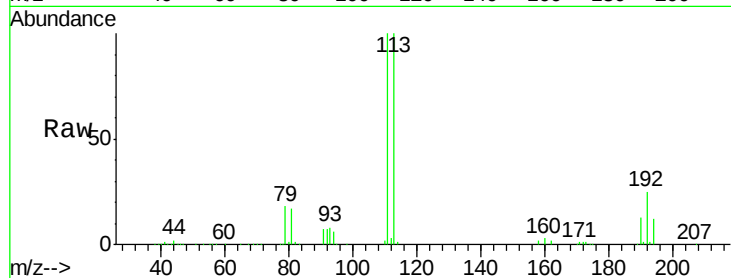




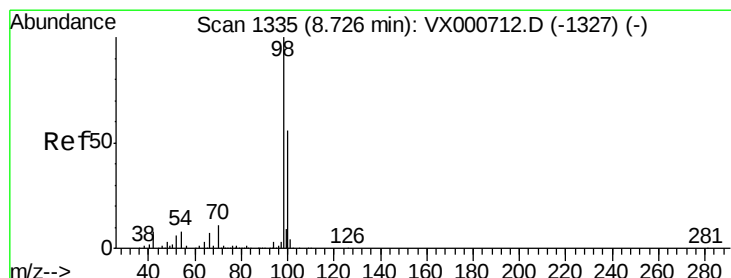
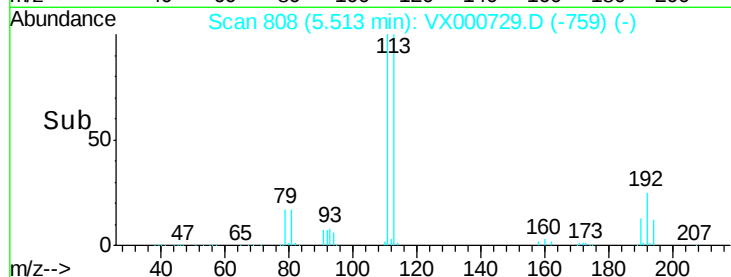
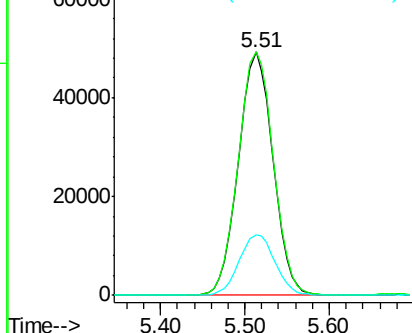
#35
 Dibromofluoromethane
 Concen: 47.53 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000729.D
 Acq: 08 Apr 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218

Tot Ion:113 Resp: 136672
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.5 122.3
 192 25.8 20.0 30.0

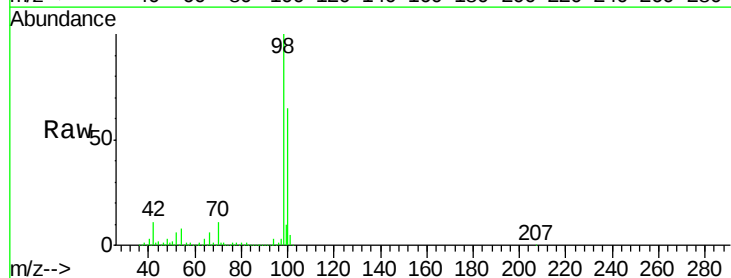


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

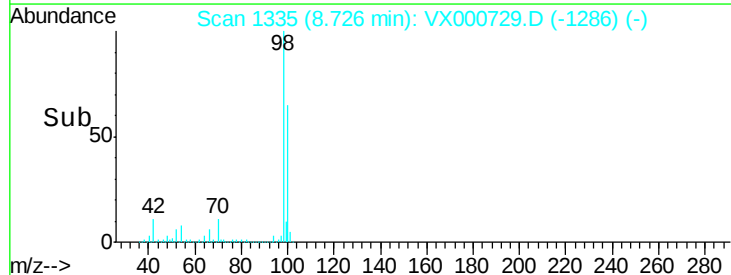
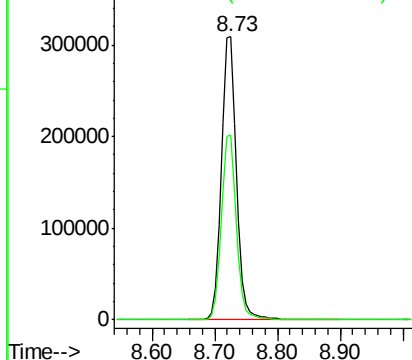


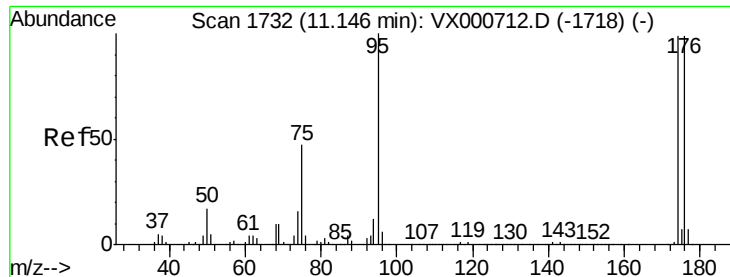
#50
 Toluene-d8
 Concen: 47.03 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000729.D
 Acq: 08 Apr 2018 14:22

Tgt Ion: 98 Resp: 512472
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.6 78.8



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





#62

4-Bromofluorobenzene

Concen: 46.28 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000729.D

Acq: 08 Apr 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

MW-19-040218

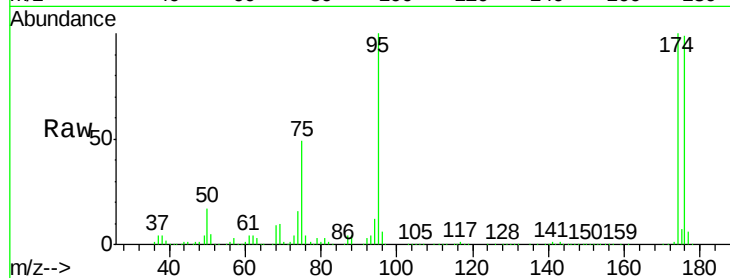
Tot Ion: 95 Resp: 209505

Ion Ratio Lower Upper

95 100

174 95.6 0.0 191.6

176 93.7 0.0 187.0



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

200000

150000

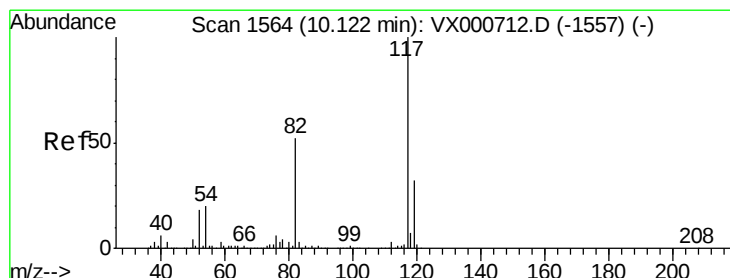
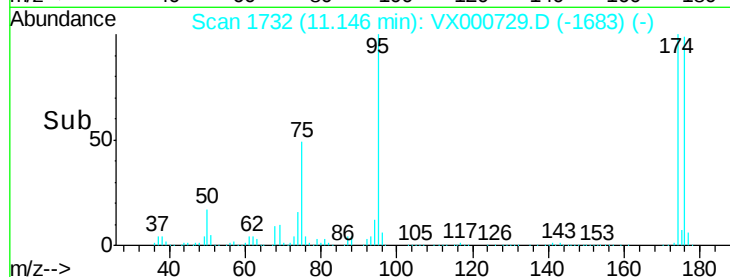
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000729.D

Acq: 08 Apr 2018 14:22

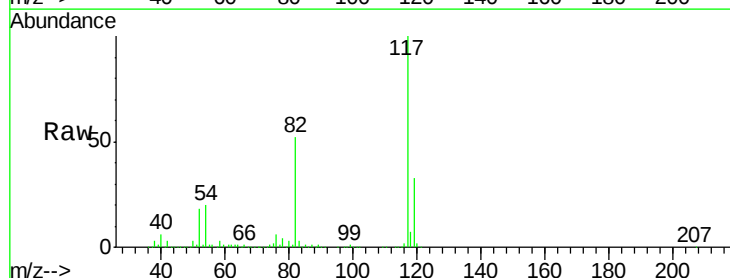
Tgt Ion: 117 Resp: 411948

Ion Ratio Lower Upper

117 100

82 51.8 41.9 62.9

119 32.5 25.8 38.8



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

400000

300000

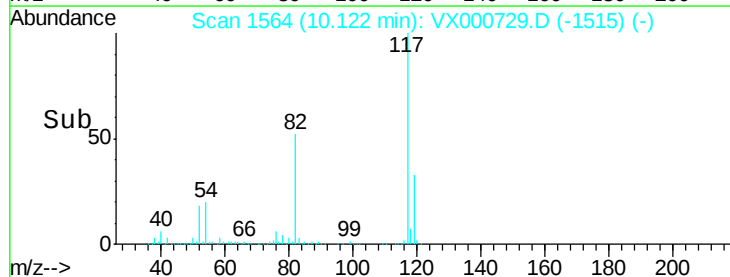
200000

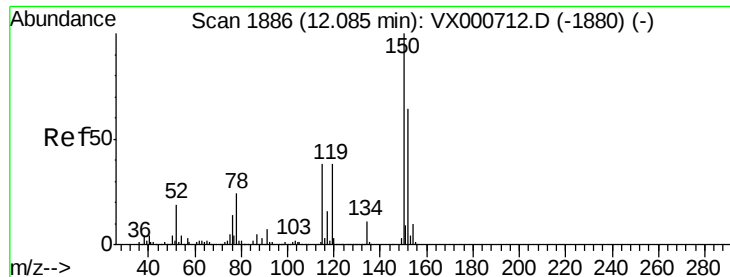
100000

0

10.10 10.20 10.30

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000729.D

Acq: 08 Apr 2018 14:22

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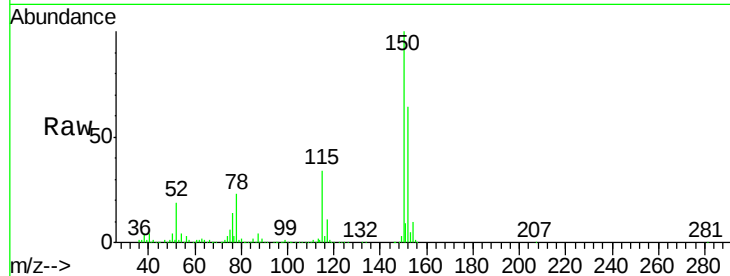
Tot Ion:152 Resp: 242944

Ion Ratio Lower Upper

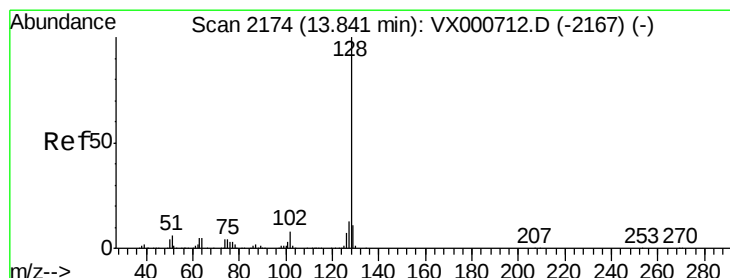
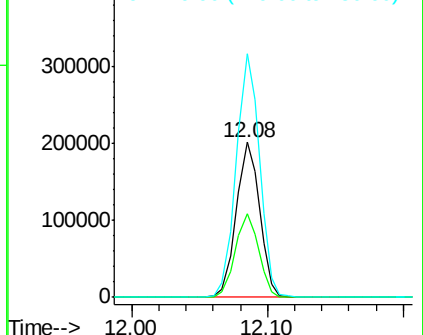
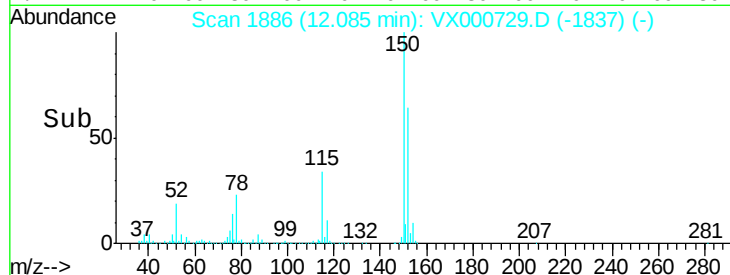
152 100

115 54.2 37.7 113.1

150 156.6 0.0 345.0



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: 0.40 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000729.D

Acq: 08 Apr 2018 14:22

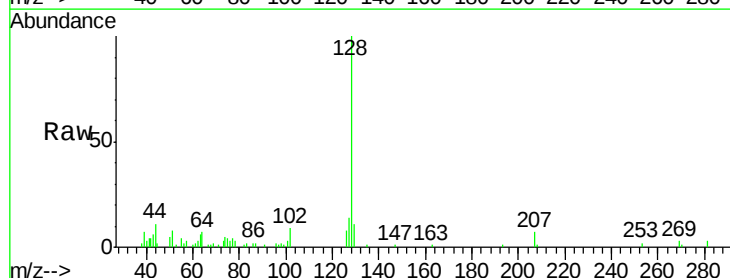
Tgt Ion:128 Resp: 6657

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.2 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

