

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003066.D
 Acq On : 30 Jun 2018 08:15
 Operator : JC/MD
 Sample : J3675-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217

Quant Time: Jun 30 09:35:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389916	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205942	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	181626	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
35) Dibromofluoromethane	5.51	113	148731	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	8.72	98	540661	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.14	95	191338	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	

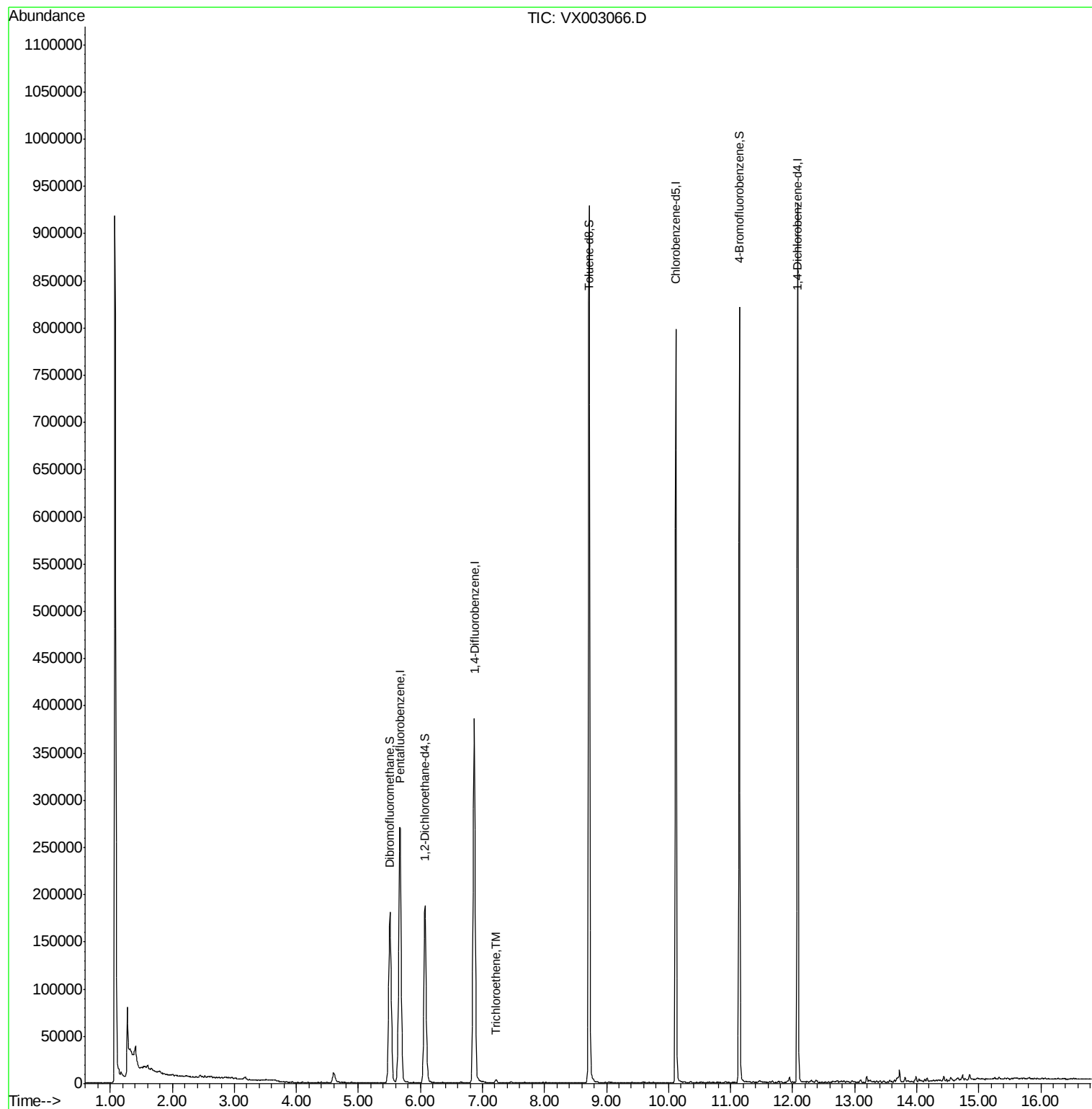
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	7.22	130	1094	0.30	ug/l	85

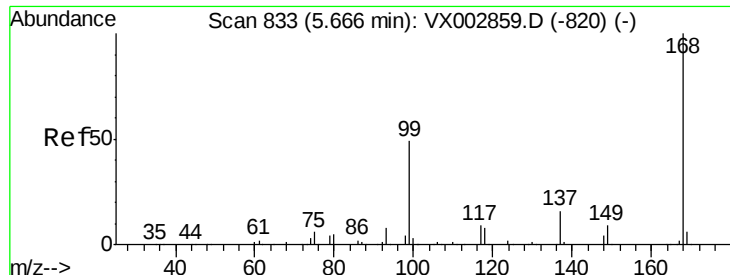
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003066.D

Acq: 30 Jun 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

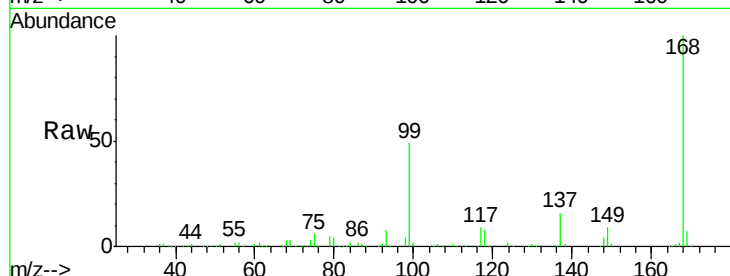
S73-0217

Tot Ion:168 Resp: 277955

Ion Ratio Lower Upper

168 100

99 48.6 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

100000

80000

60000

40000

20000

0

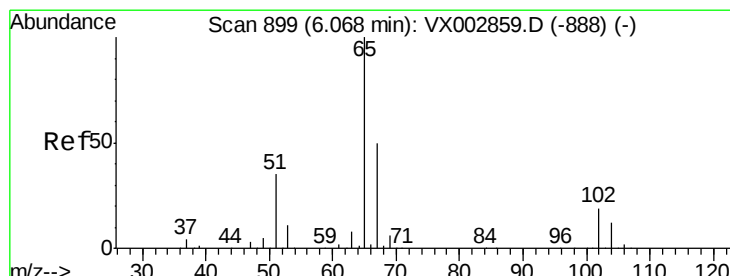
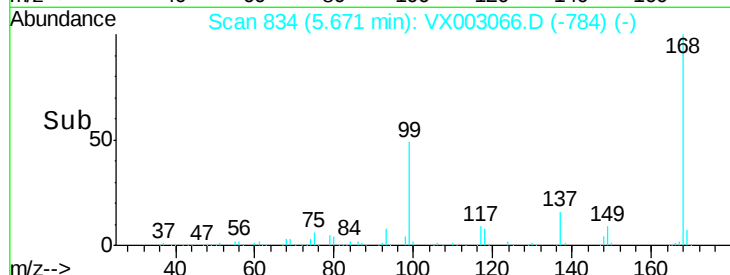
Time-->

5.50

5.60

5.70

5.80



#33

1,2-Dichloroethane-d4

Concen: 47.28 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003066.D

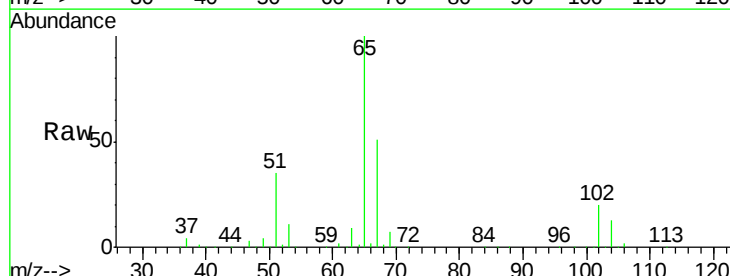
Acq: 30 Jun 2018 08:15

Tgt Ion: 65 Resp: 181626

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

40000

20000

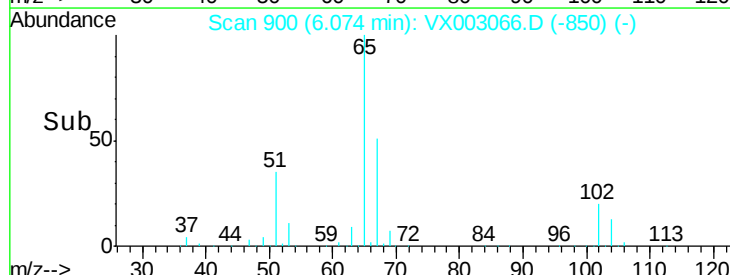
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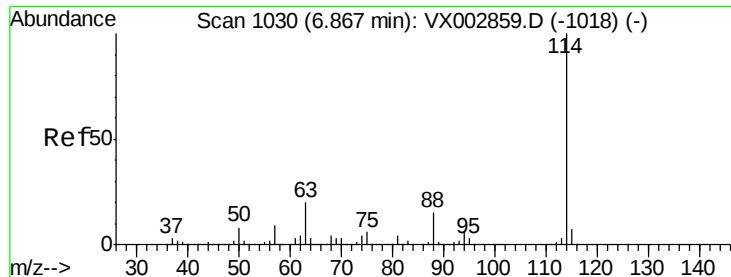
Time-->

6.00

6.10

6.20

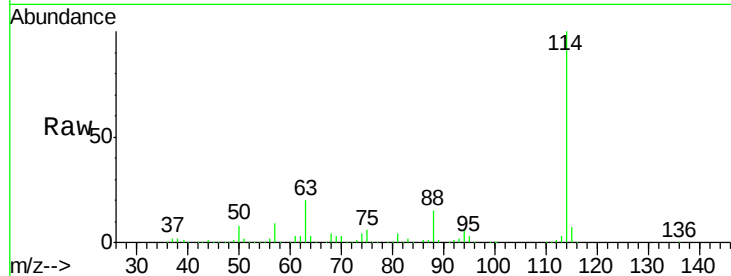




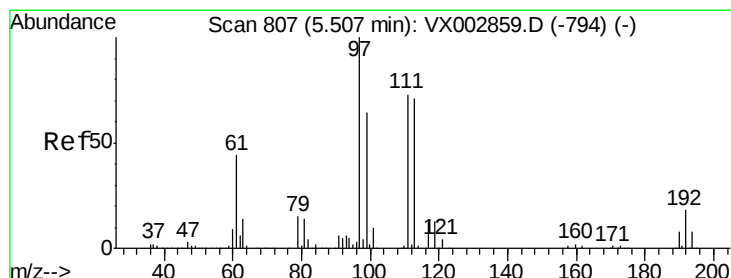
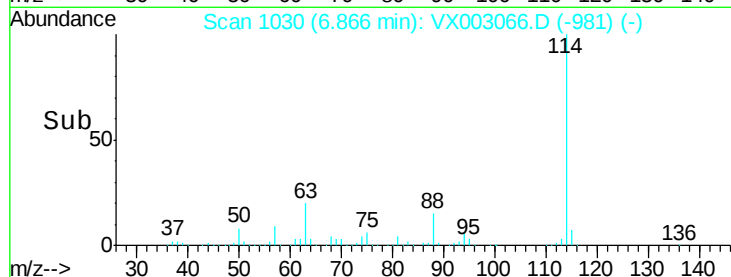
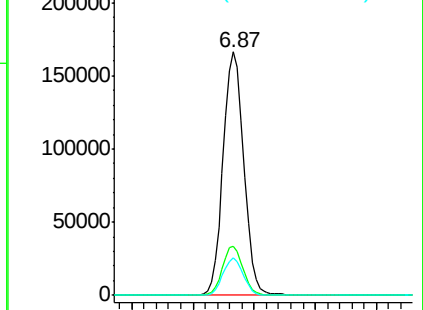
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003066.D
 Acq: 30 Jun 2018 08:15

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217

Tot Ion:114 Resp: 389916
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.2 0.0 30.0

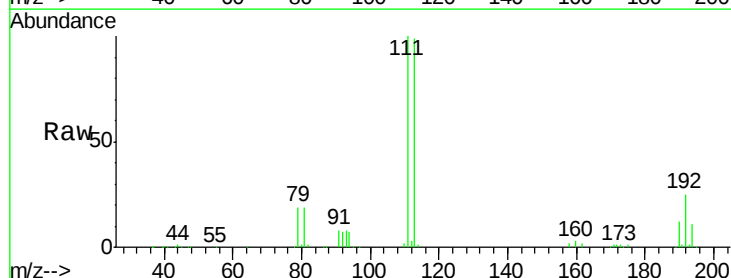


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

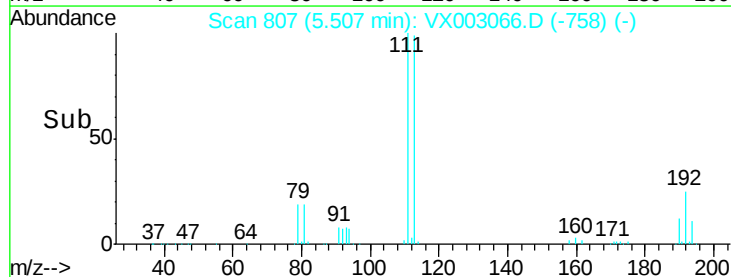
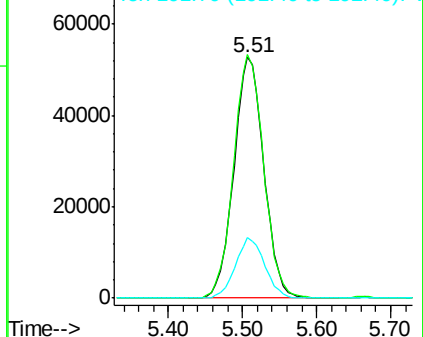


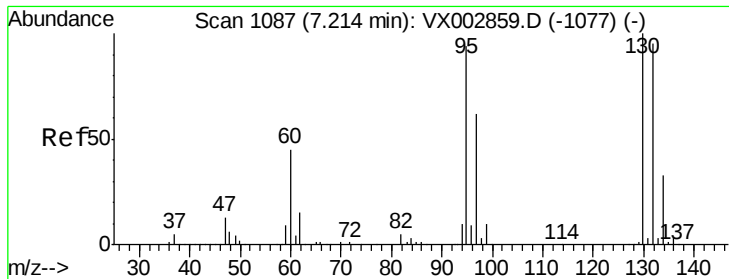
#35
 Dibromofluoromethane
 Concen: 48.17 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003066.D
 Acq: 30 Jun 2018 08:15

Tgt Ion:113 Resp: 148731
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 24.6 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





#44

Trichloroethene

Concen: 0.30 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003066.D

Acq: 30 Jun 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

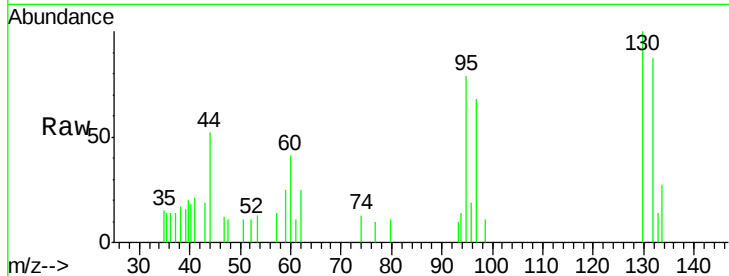
S73-0217

Tot Ion:130 Resp: 1094

Ion Ratio Lower Upper

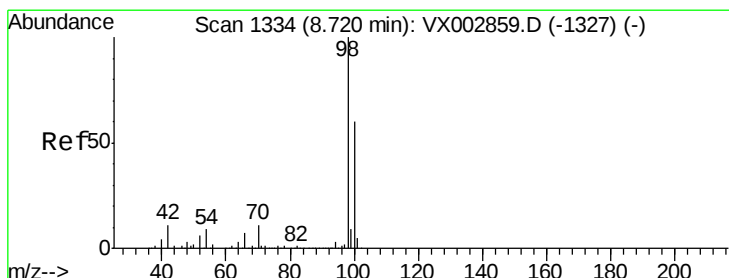
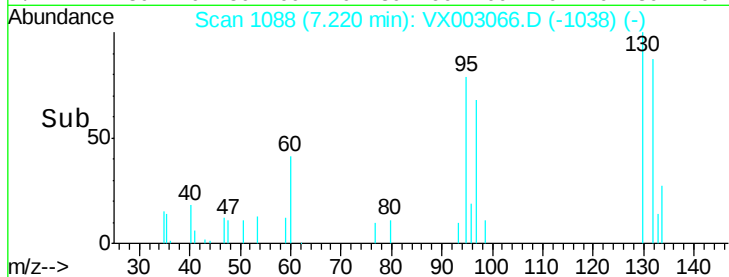
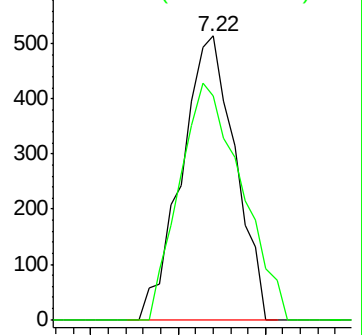
130 100

95 78.8 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003066.D

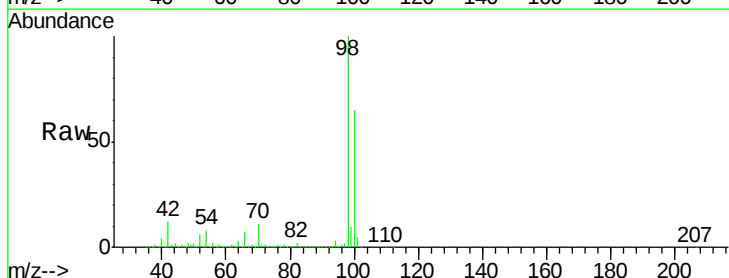
Acq: 30 Jun 2018 08:15

Tgt Ion: 98 Resp: 540661

Ion Ratio Lower Upper

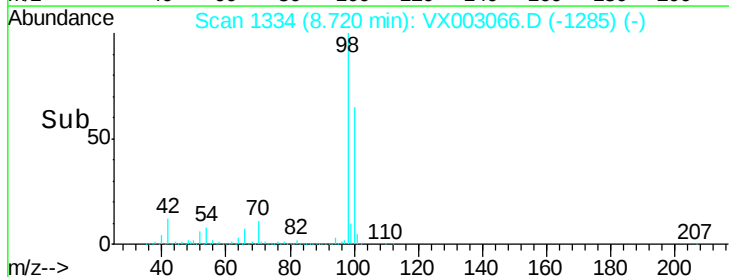
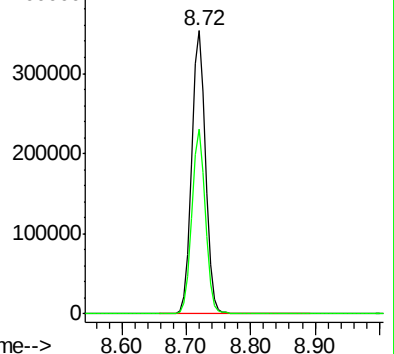
98 100

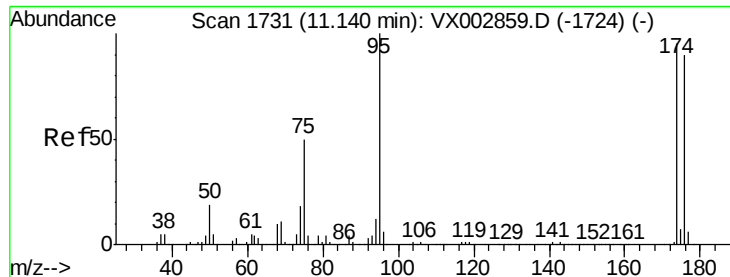
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

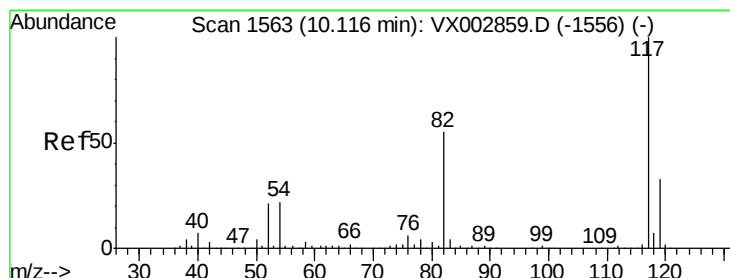
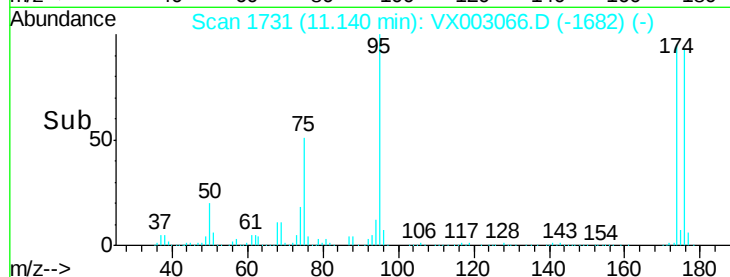
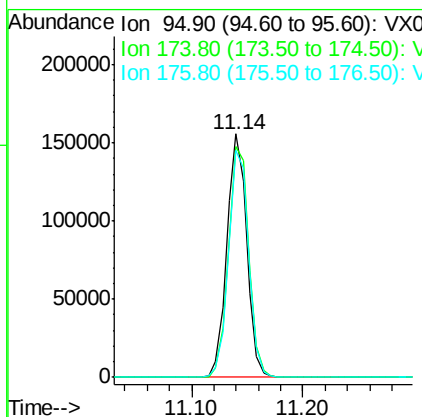
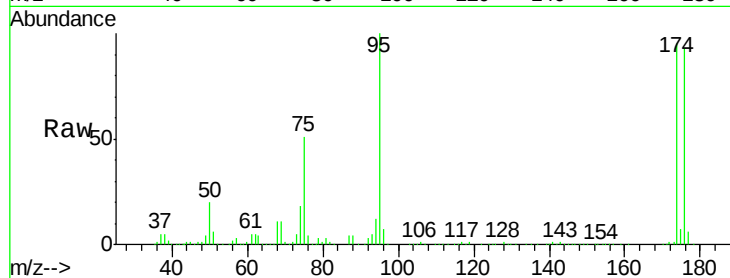




#62
4-Bromofluorobenzene
Concen: 44.00 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003066.D
Acq: 30 Jun 2018 08:15

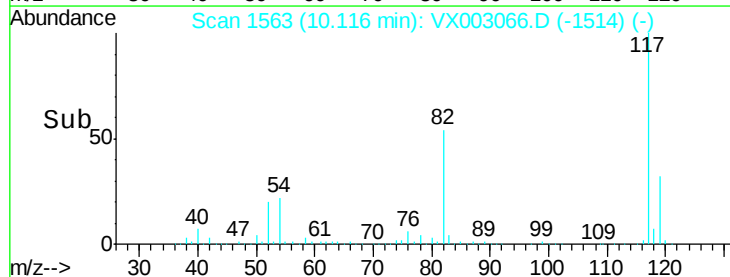
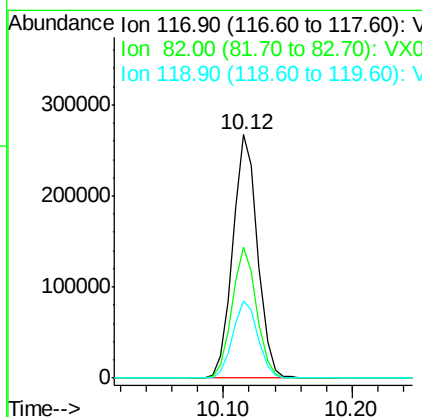
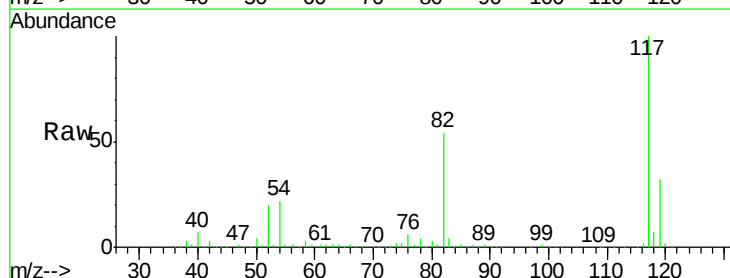
Instrument :
MSVOA_X
ClientSampled :
S73-0217

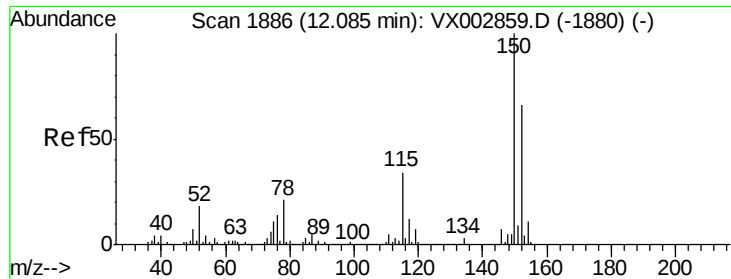
Tot Ion: 95 Resp: 191338
Ion Ratio Lower Upper
95 100
174 97.7 0.0 187.4
176 94.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003066.D
Acq: 30 Jun 2018 08:15

Tgt Ion: 117 Resp: 358544
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003066.D

Acq: 30 Jun 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

S73-0217

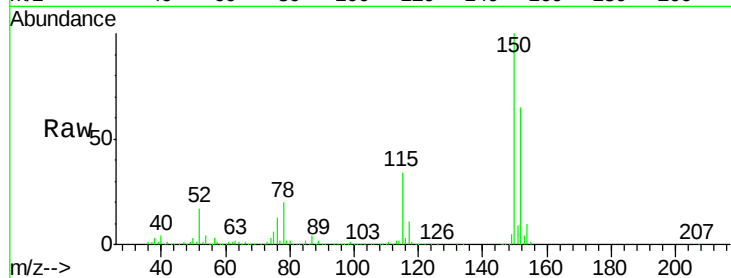
Tot Ion:152 Resp: 205942

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

150 153.7 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

