

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001898.D
 Acq On : 22 May 2018 17:23
 Operator : JC/MD
 Sample : J2988-02RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-180515RE

Quant Time: May 23 08:18:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

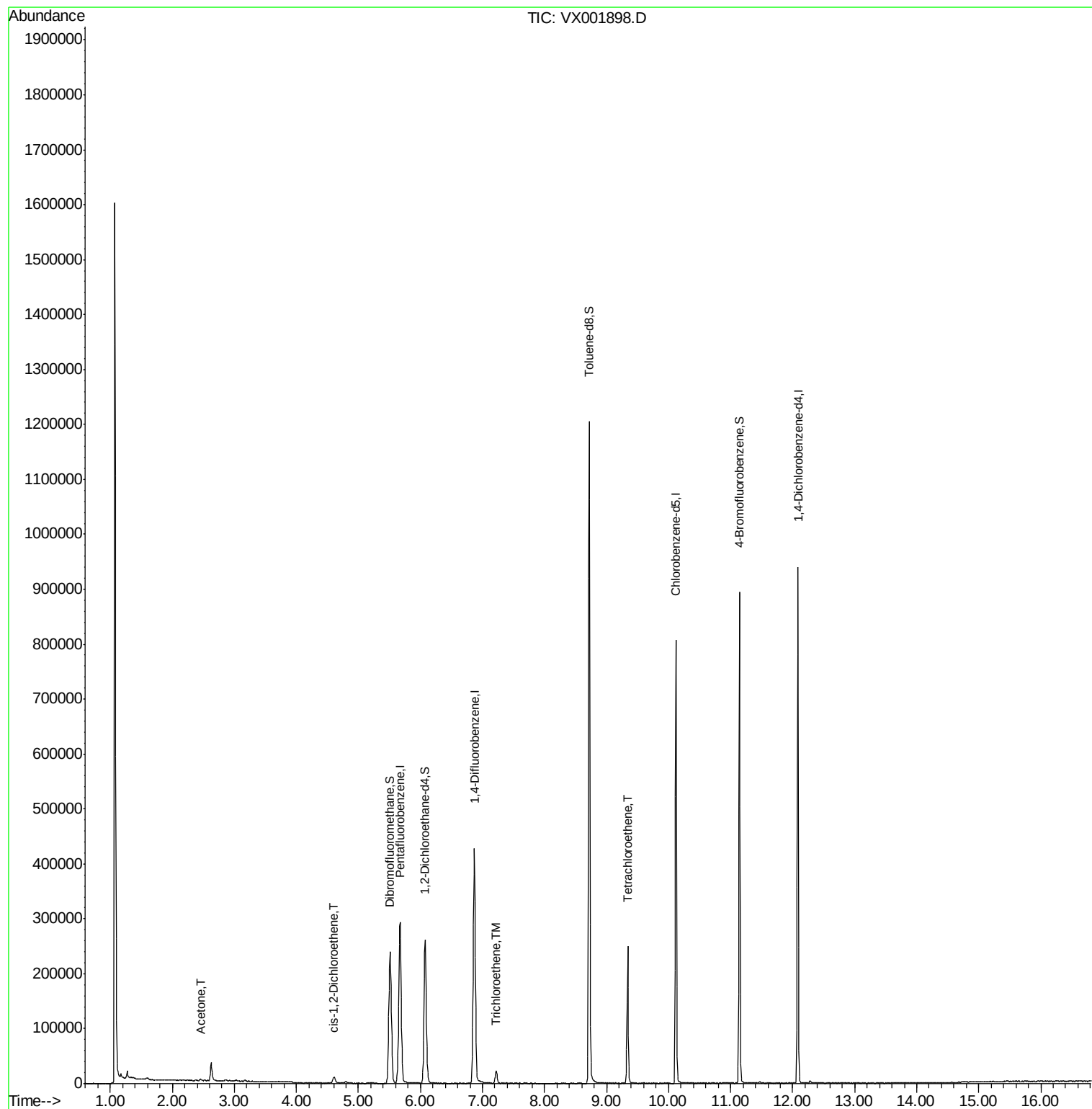
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	391169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	251668	61.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.14%	
35) Dibromofluoromethane	5.51	113	199985	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
50) Toluene-d8	8.72	98	700436	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	11.14	95	223505	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
16) Acetone	2.45	43	3693	2.30	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	6451	1.71	ug/l	83
44) Trichloroethene	7.22	130	9418	2.04	ug/l	95
64) Tetrachloroethene	9.34	164	54816	10.76	ug/l	97

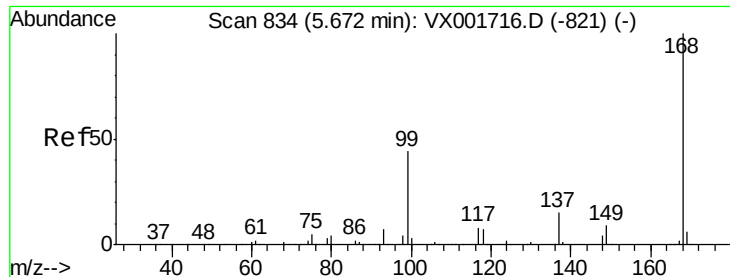
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
Data File : VX001898.D
Acq On : 22 May 2018 17:23
Operator : JC/MD
Sample : J2988-02RE
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515RE

Quant Time: May 23 08:18:32 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001898.D

Acq: 22 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

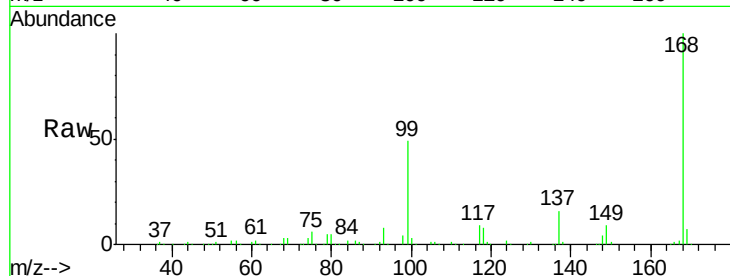
SS036MW004-180515RE

Tot Ion:168 Resp: 304957

Ion Ratio Lower Upper

168 100

99 49.3 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

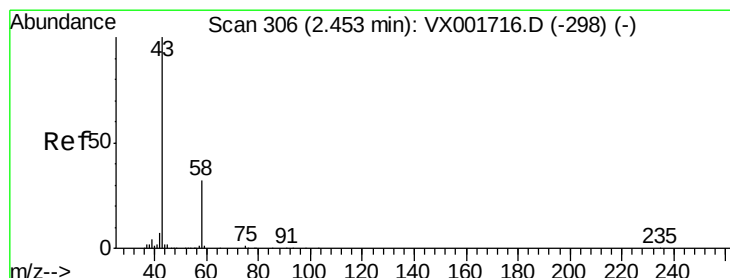
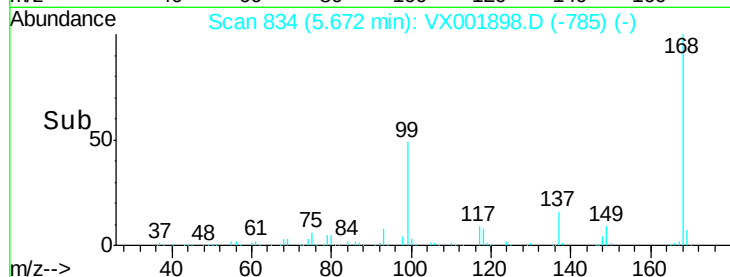
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.30 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001898.D

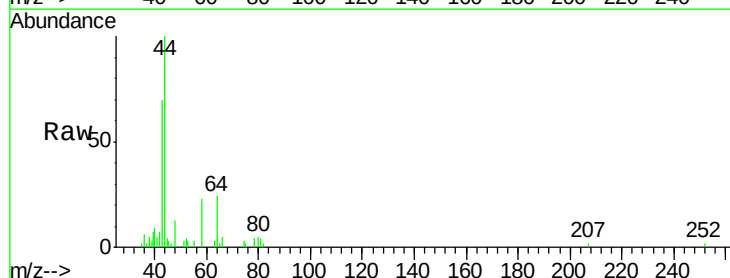
Acq: 22 May 2018 17:23

Tgt Ion: 43 Resp: 3693

Ion Ratio Lower Upper

43 100

58 32.3 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2000

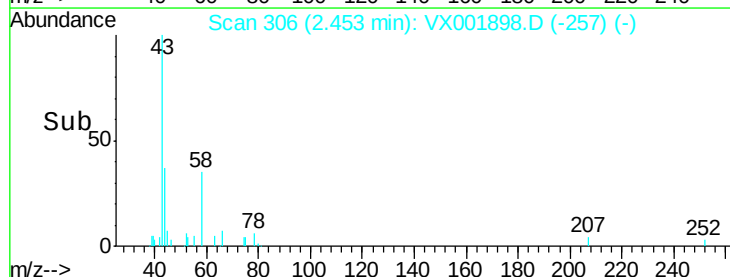
1500

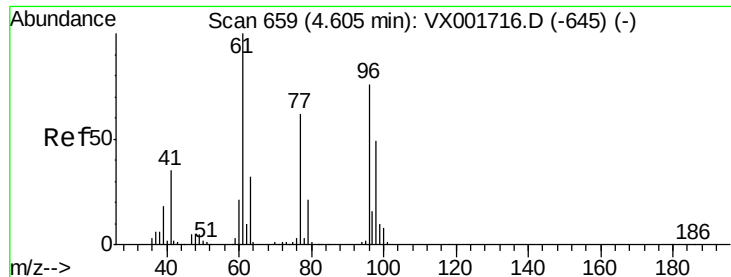
1000

500

0

Time--> 2.35 2.40 2.45 2.50 2.55





#27

cis-1,2-Dichloroethene

Concen: 1.71 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001898.D

Acq: 22 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

SS036MW004-180515RE

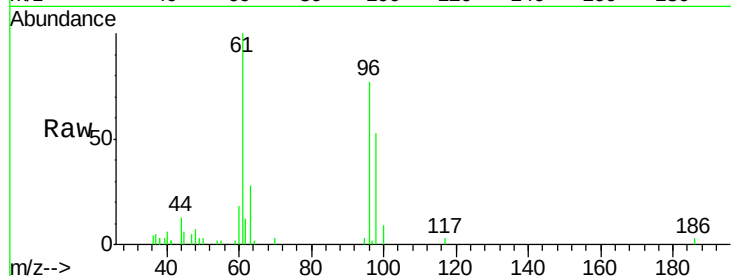
Tot Ion: 96 Resp: 6451

Ion Ratio Lower Upper

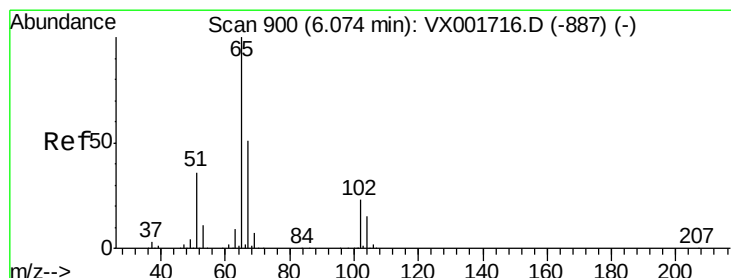
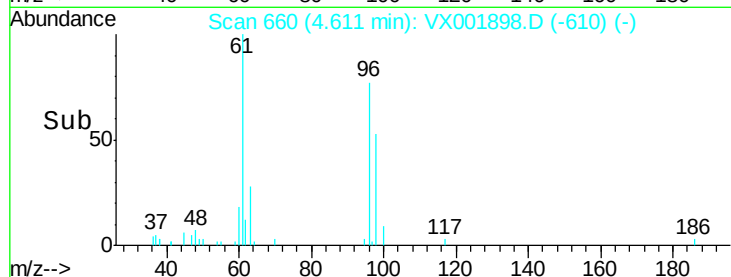
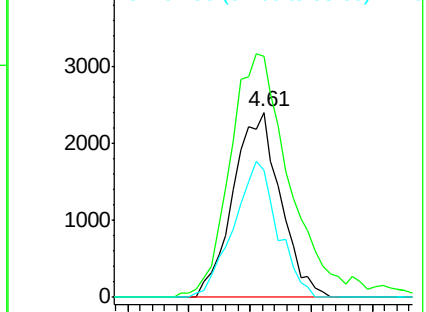
96 100

61 167.3 0.0 280.4

98 68.6 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 61.57 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001898.D

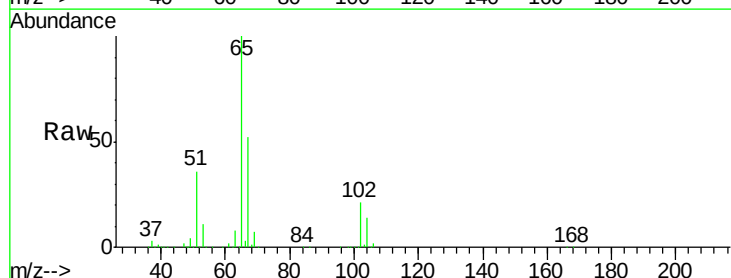
Acq: 22 May 2018 17:23

Tgt Ion: 65 Resp: 251668

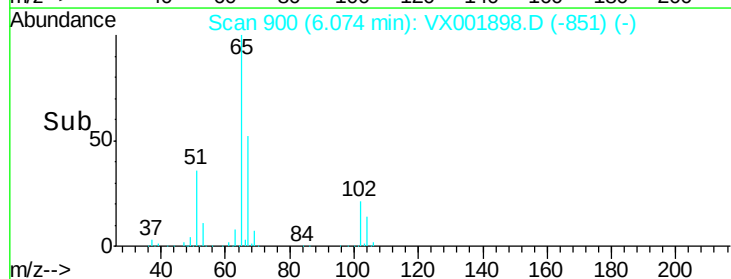
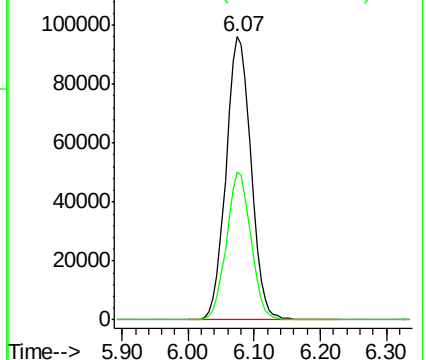
Ion Ratio Lower Upper

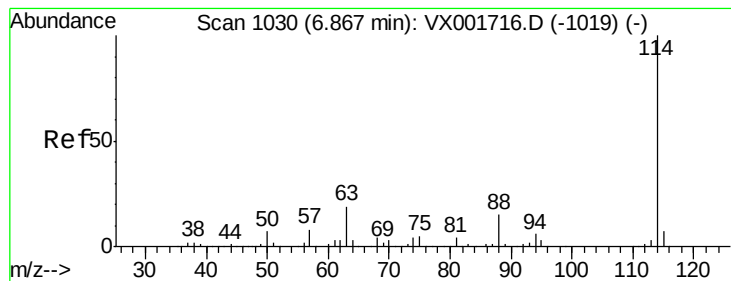
65 100

67 51.1 0.0 102.8



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: VX001898.D

Acq: 22 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

SS036MW004-180515RE

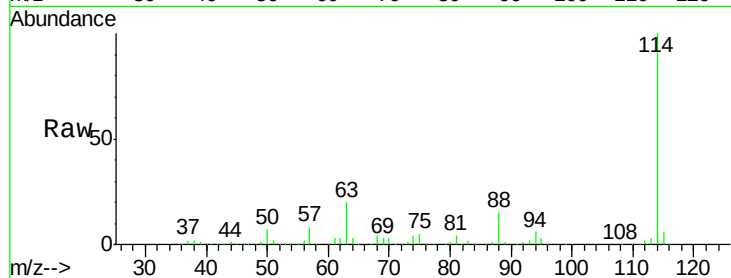
Tot Ion:114 Resp: 439273

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.0

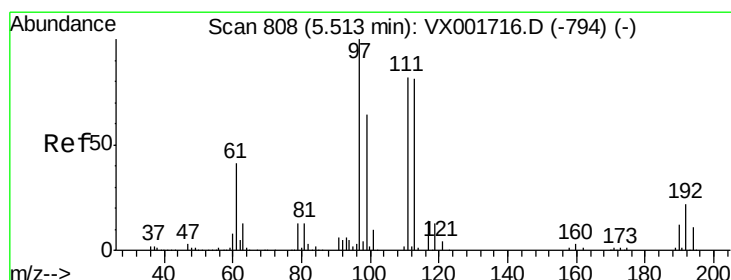
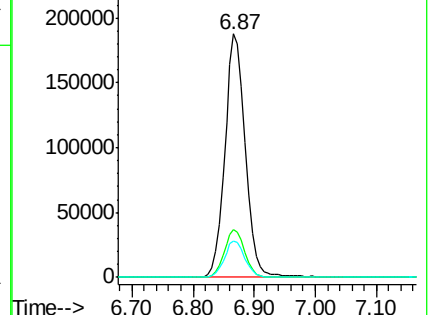
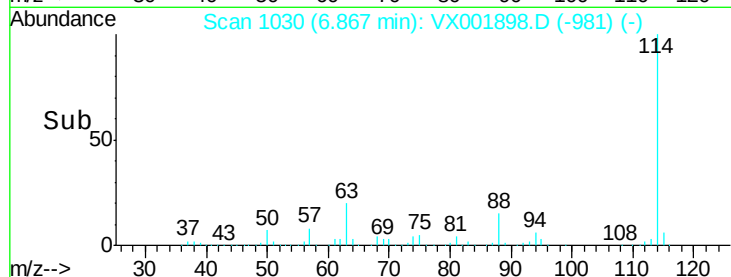
88 15.1 0.0 29.8



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: 53.95 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001898.D

Acq: 22 May 2018 17:23

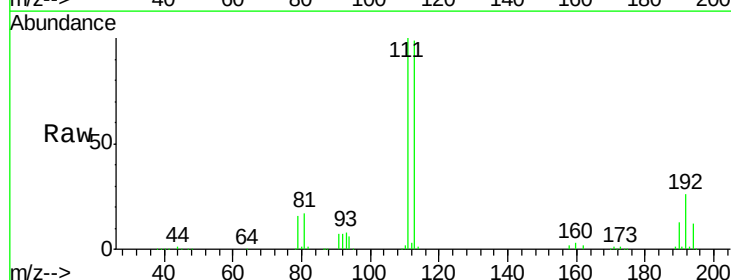
Tgt Ion:113 Resp: 199985

Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

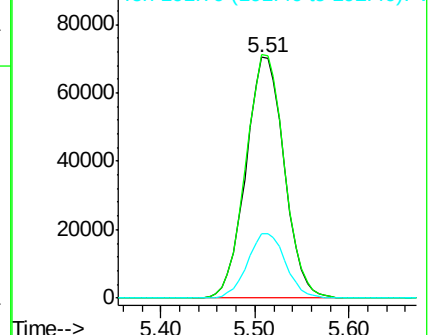
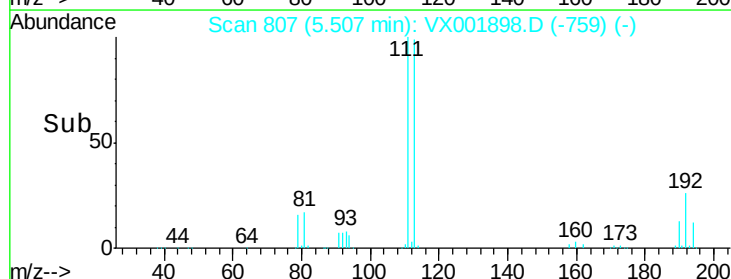
192 26.7 21.6 32.4

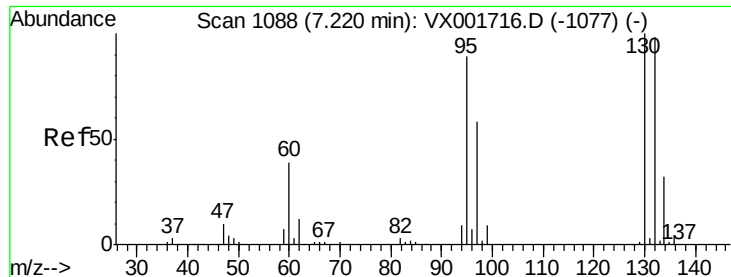


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.04 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001898.D

Acq: 22 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

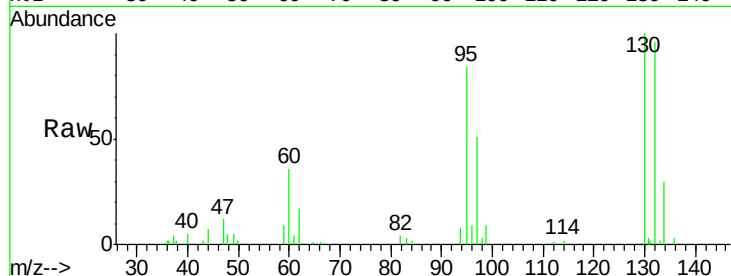
SS036MW004-180515RE

Tot Ion:130 Resp: 9418

Ion Ratio Lower Upper

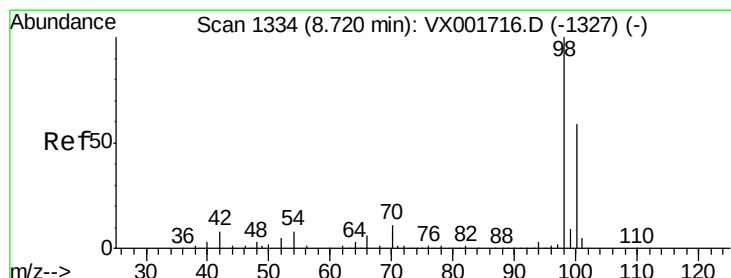
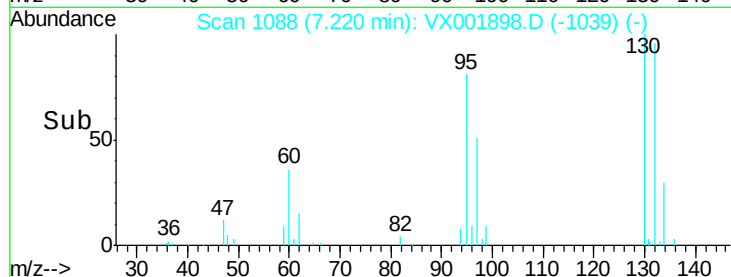
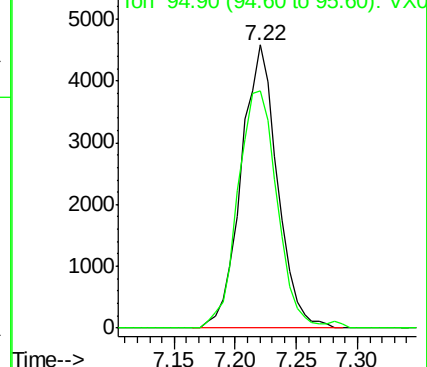
130 100

95 83.6 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.76 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001898.D

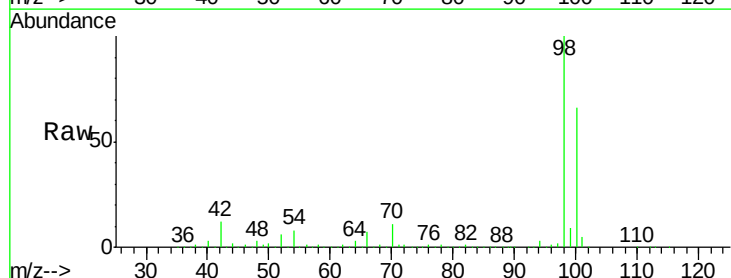
Acq: 22 May 2018 17:23

Tgt Ion: 98 Resp: 700436

Ion Ratio Lower Upper

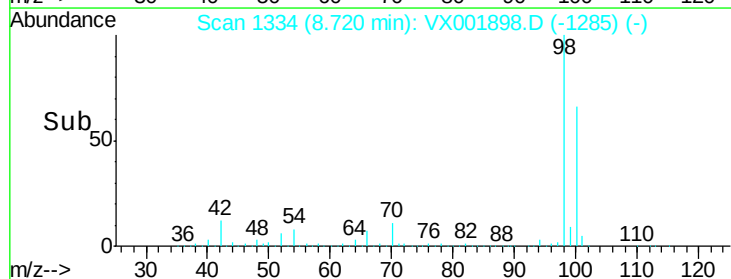
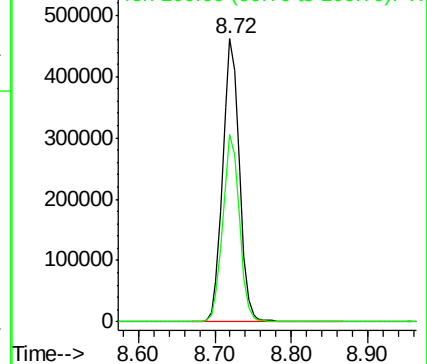
98 100

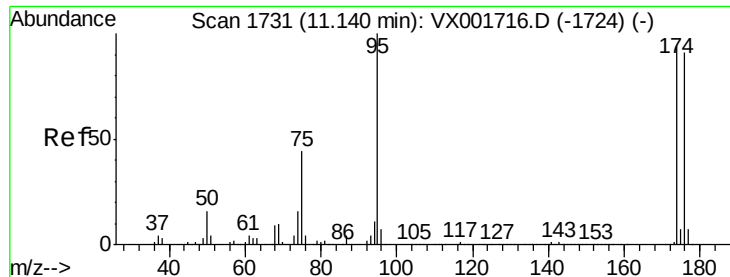
100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

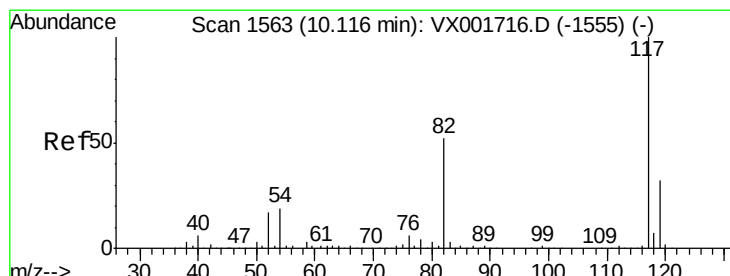
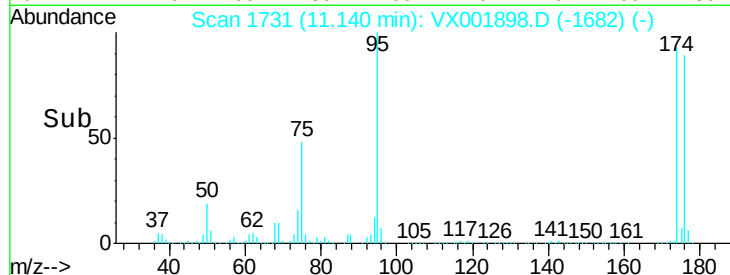
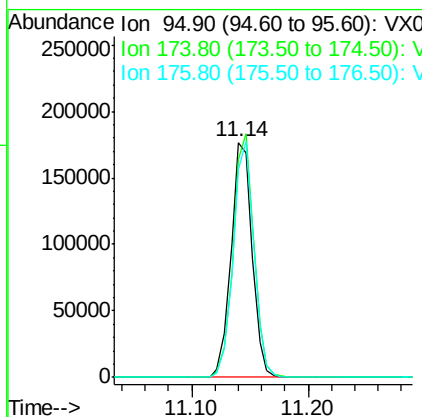
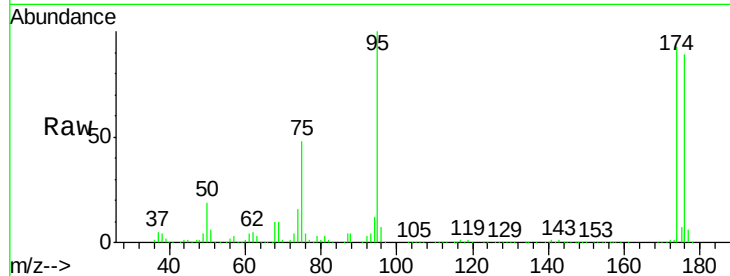




#62
4-Bromofluorobenzene
Concen: 46.75 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001898.D
Acq: 22 May 2018 17:23

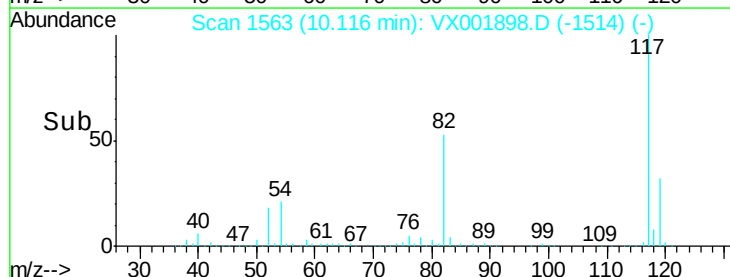
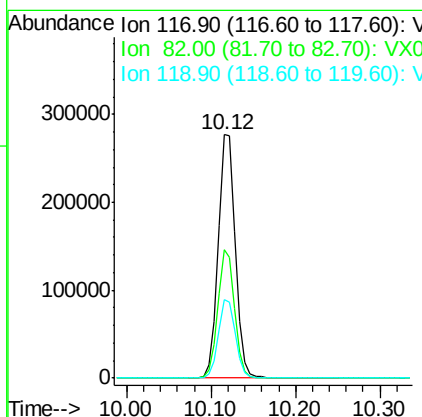
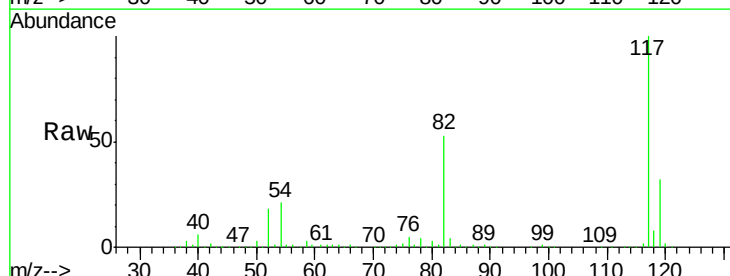
Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-180515RE

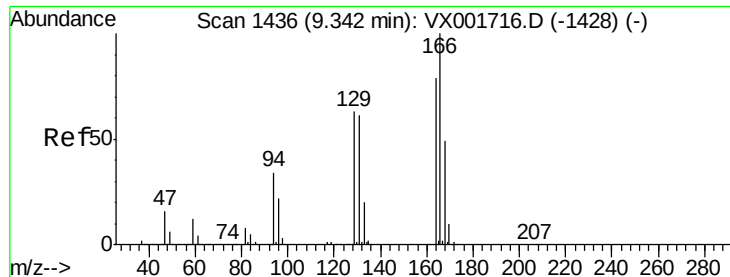
Tot Ion: 95 Resp: 223505
Ion Ratio Lower Upper
95 100
174 101.8 0.0 201.8
176 98.0 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001898.D
Acq: 22 May 2018 17:23

Tgt Ion: 117 Resp: 391169
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.2
119 32.5 25.6 38.4





#64

Tetrachloroethene

Concen: 10.76 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001898.D

Acq: 22 May 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

SS036MW004-180515RE

Tot Ion:164 Resp: 54816

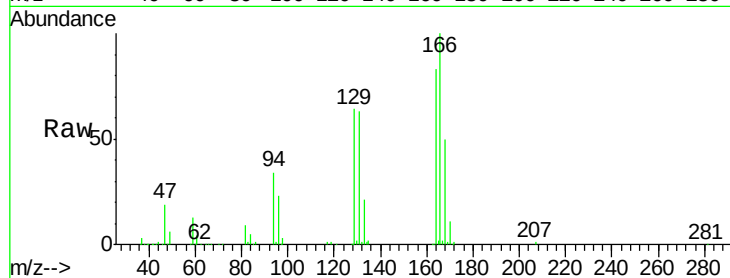
Ion Ratio Lower Upper

164 100

166 121.0 101.8 152.8

129 77.6 63.8 95.6

131 76.7 62.2 93.2

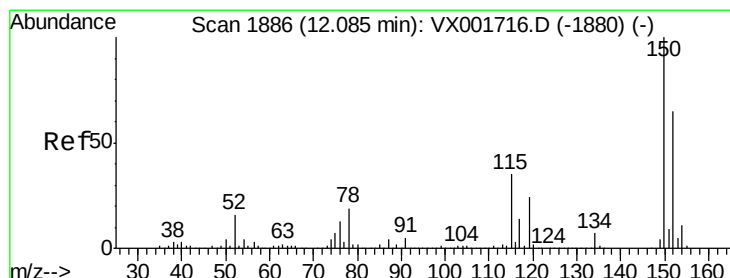
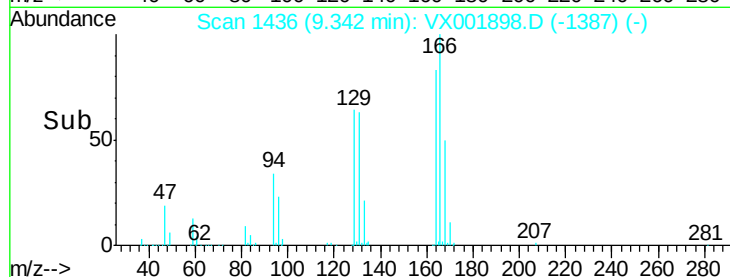
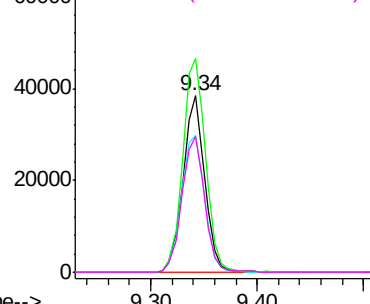


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001898.D

Acq: 22 May 2018 17:23

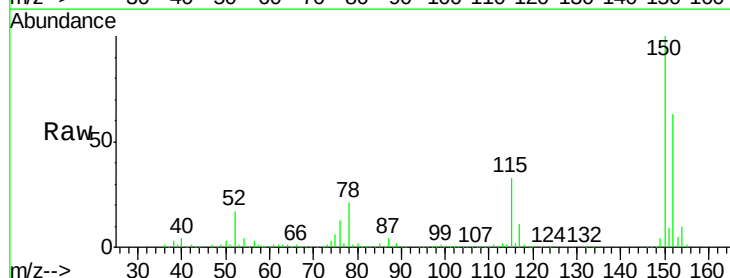
Tgt Ion:152 Resp: 204605

Ion Ratio Lower Upper

152 100

115 52.3 37.4 112.2

150 156.9 0.0 344.8



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

