

Data Path : W:\HPCHEM1\MSVOA X\DATA\WX051818\
 Data File : VX001837.D
 Acq On : 18 May 2018 20:14
 Operator : JC/MD
 Sample : J2986-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW016-180514

Quant Time: May 19 04:59:01 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

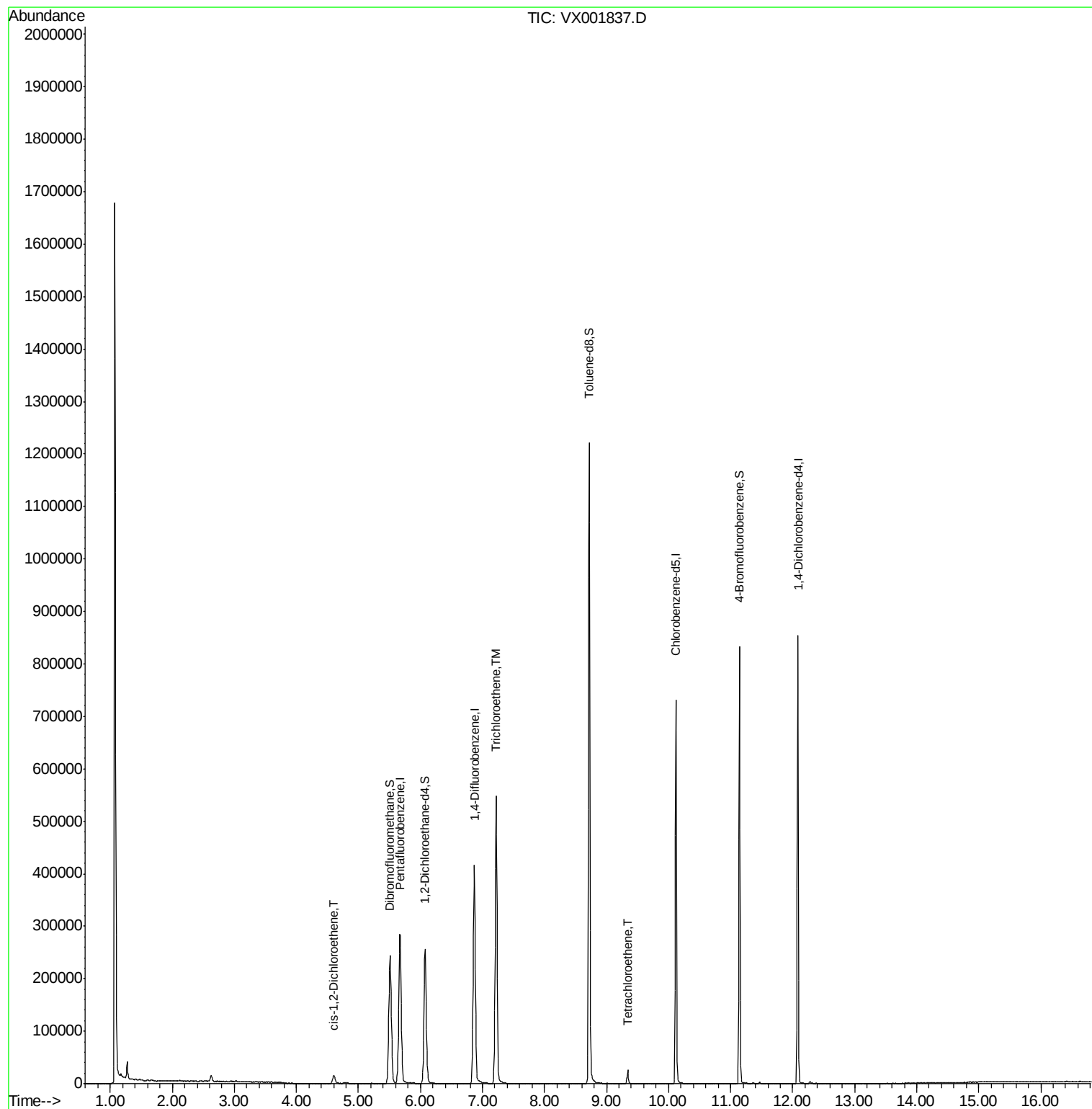
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	445081	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192513	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	237443	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.82%	
35) Dibromofluoromethane	5.51	113	202590	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
50) Toluene-d8	8.72	98	735467	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
62) 4-Bromofluorobenzene	11.14	95	210057	43.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.74%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	10194	2.62	ug/l	97
44) Trichloroethene	7.22	130	231941	49.50	ug/l	96
64) Tetrachloroethene	9.34	164	5537	1.20	ug/l	95

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

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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: VX001837.D

Acq: 18 May 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

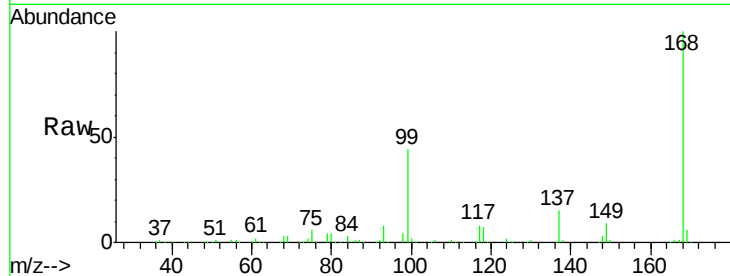
SS036MW016-180514

Tot Ion:168 Resp: 314009

Ion Ratio Lower Upper

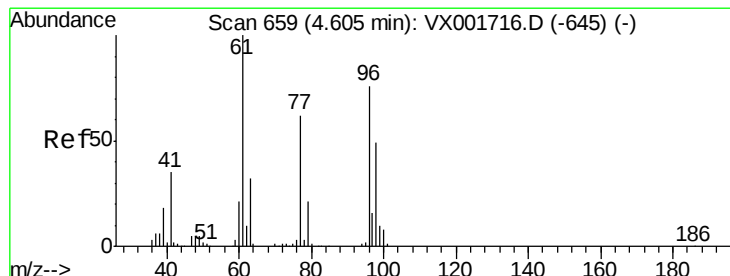
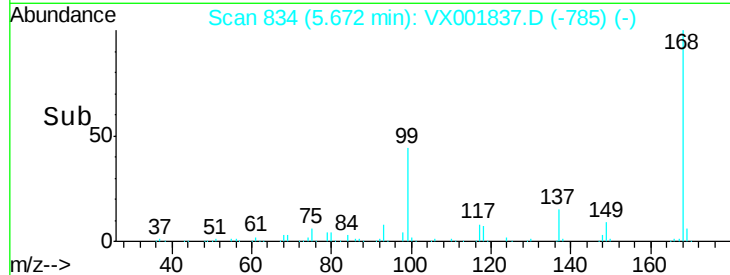
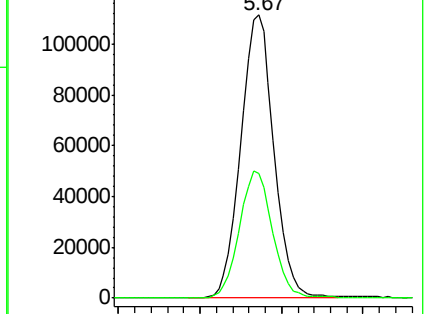
168 100

99 44.1 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.62 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001837.D

Acq: 18 May 2018 20:14

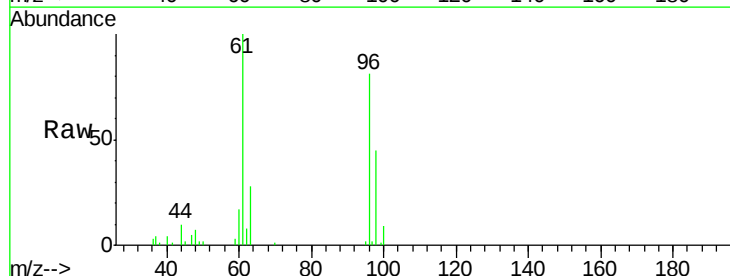
Tgt Ion: 96 Resp: 10194

Ion Ratio Lower Upper

96 100

61 135.4 0.0 280.4

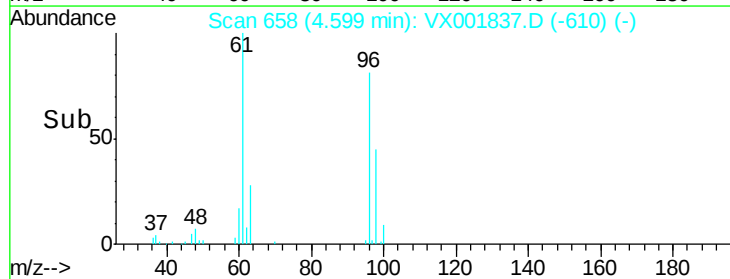
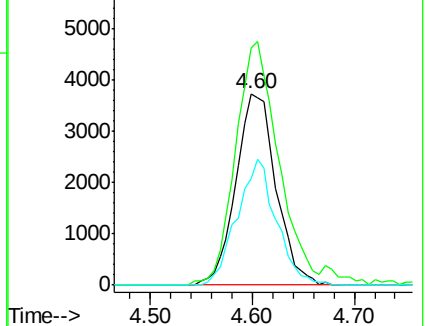
98 64.1 0.0 128.4

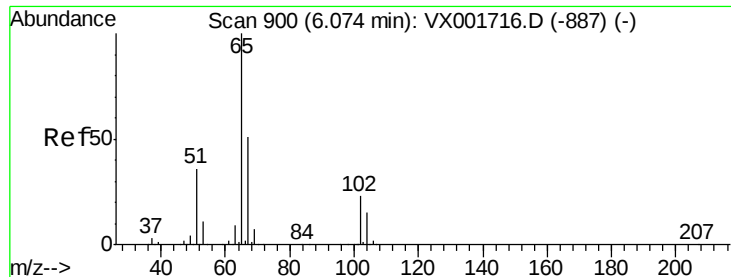


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 56.41 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001837.D

Acq: 18 May 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

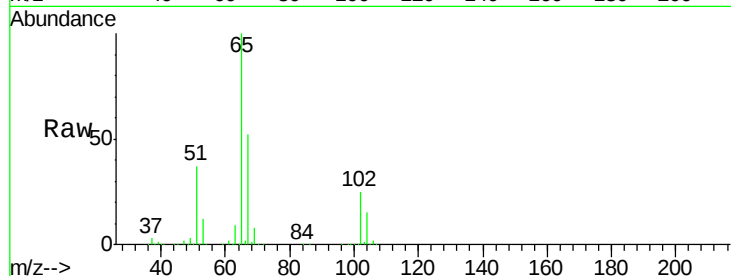
SS036MW016-180514

Tot Ion: 65 Resp: 237443

Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

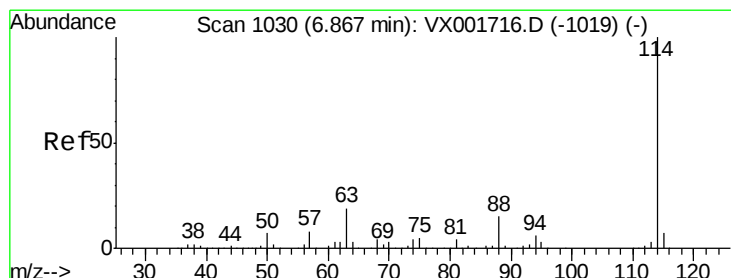
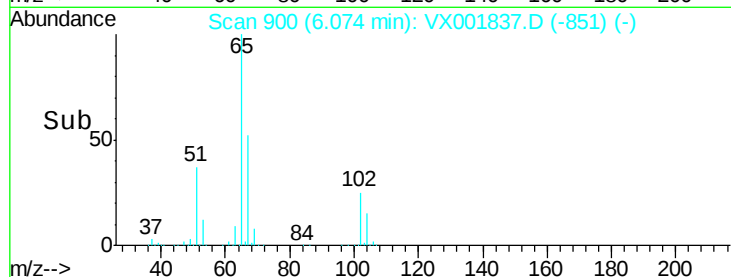
60000

40000

20000

0

Time--> 5.90 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: VX001837.D

Acq: 18 May 2018 20:14

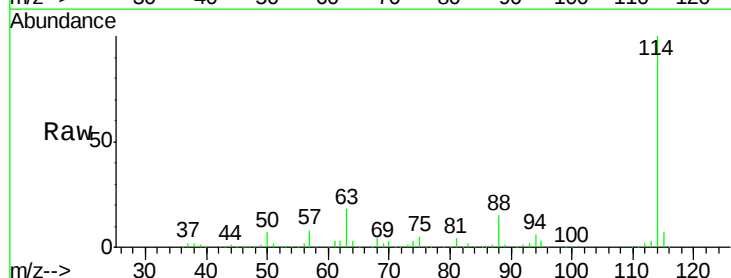
Tgt Ion: 114 Resp: 445081

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.0

88 15.0 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

250000

200000

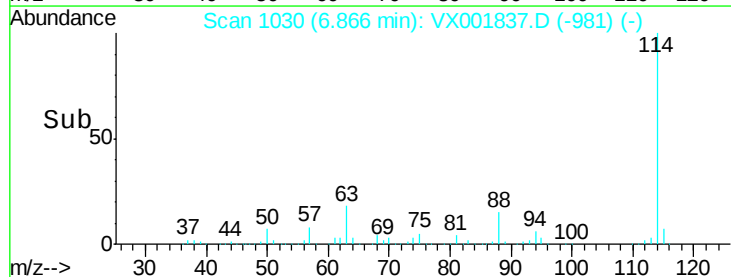
150000

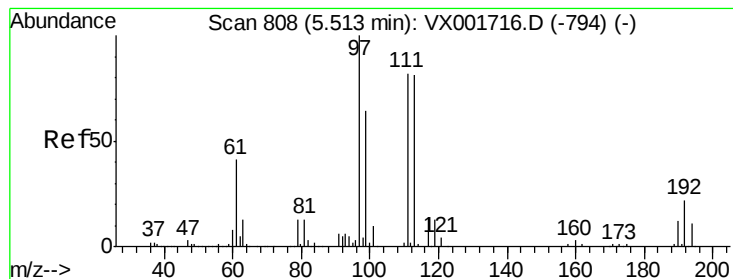
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 53.94 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001837.D

Acq: 18 May 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

SS036MW016-180514

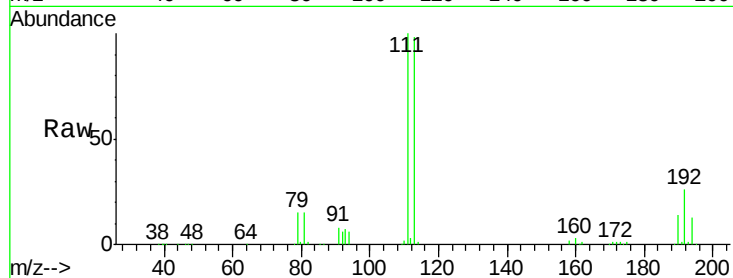
Tot Ion:113 Resp: 202590

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

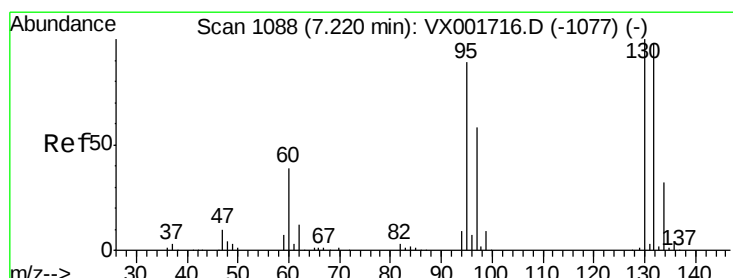
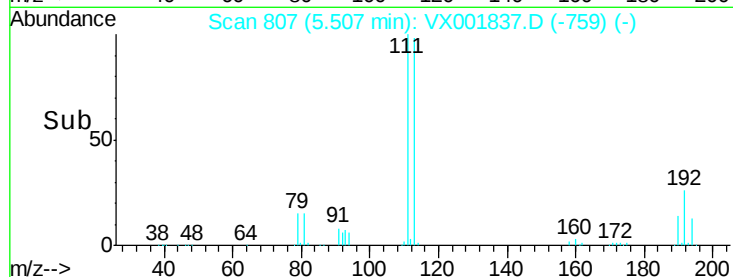
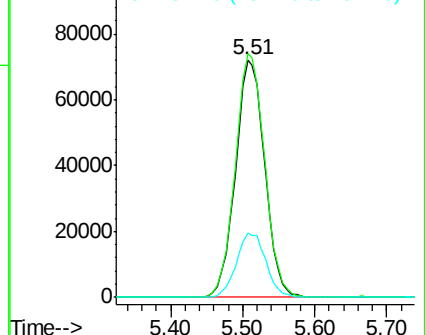
192 27.5 21.6 32.4



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: 49.50 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001837.D

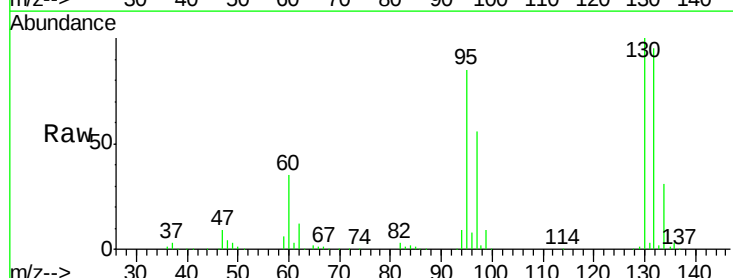
Acq: 18 May 2018 20:14

Tgt Ion:130 Resp: 231941

Ion Ratio Lower Upper

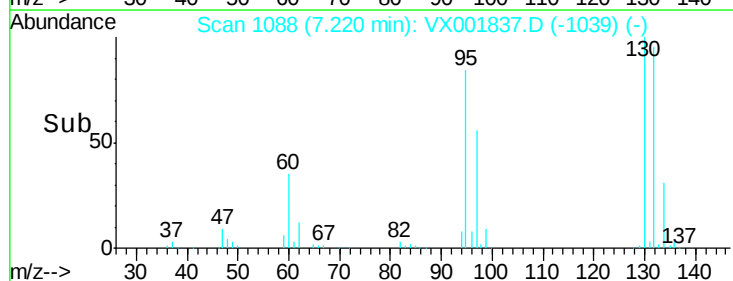
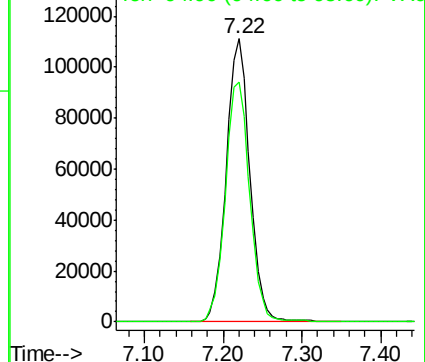
130 100

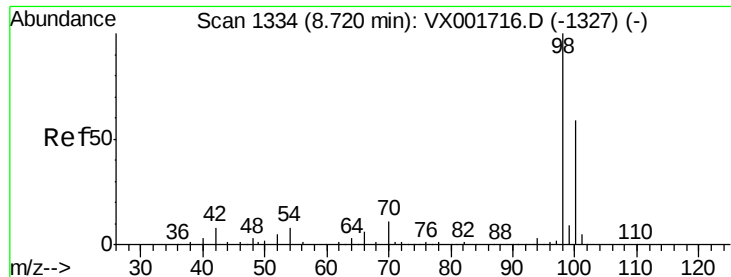
95 84.6 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 54.67 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001837.D

Acq: 18 May 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

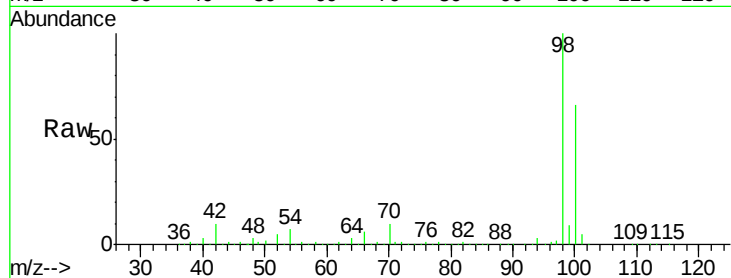
SS036MW016-180514

Tot Ion: 98 Resp: 735467

Ion Ratio Lower Upper

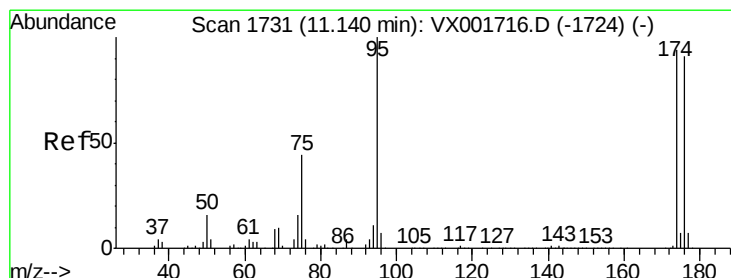
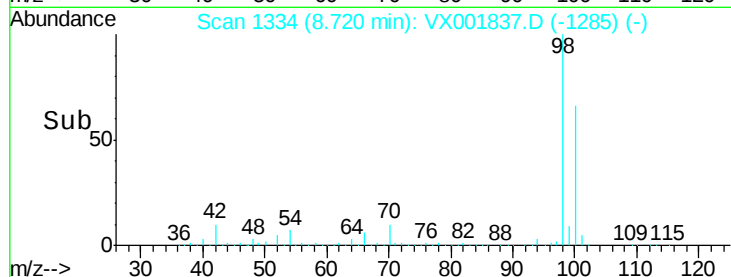
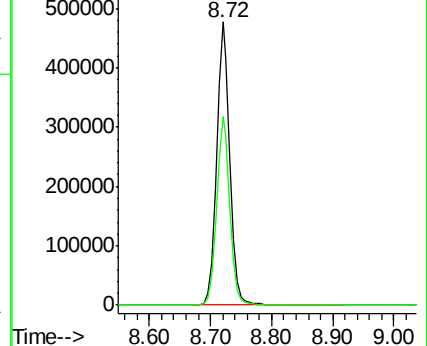
98 100

100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 43.37 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001837.D

Acq: 18 May 2018 20:14

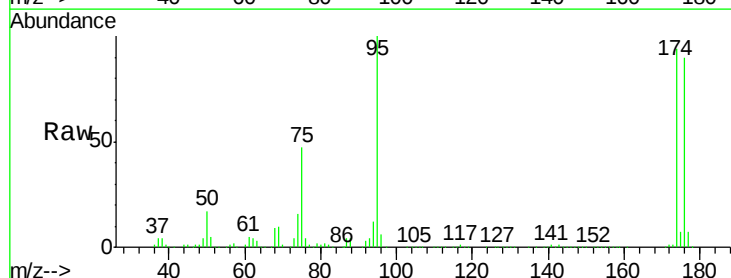
Tgt Ion: 95 Resp: 210057

Ion Ratio Lower Upper

95 100

174 104.3 0.0 201.8

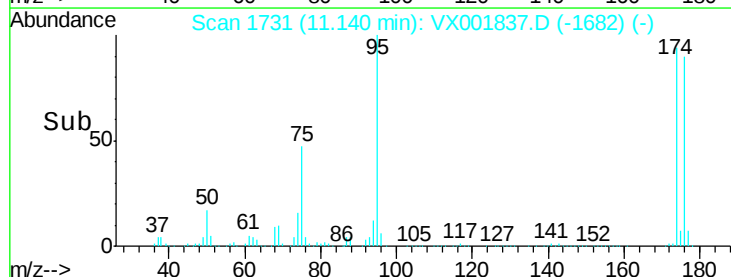
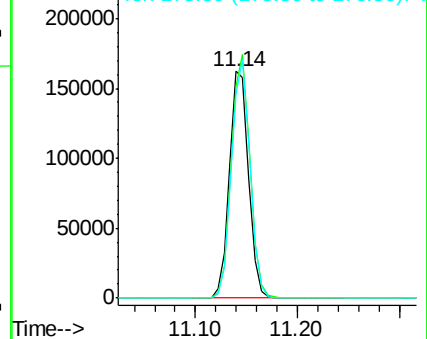
176 101.1 0.0 196.8

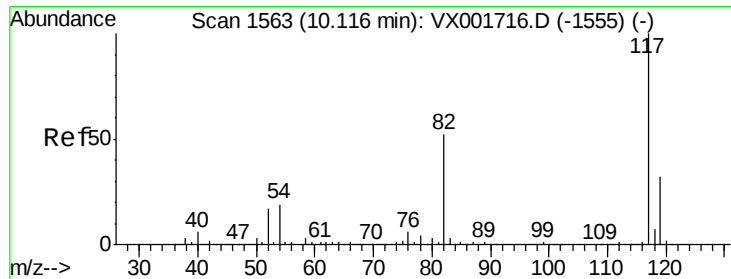


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

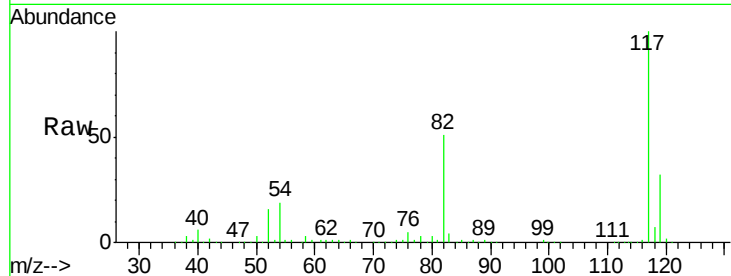




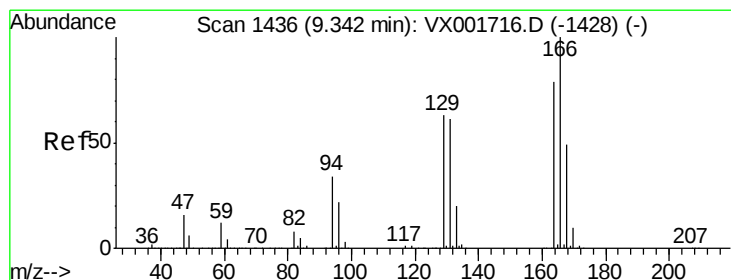
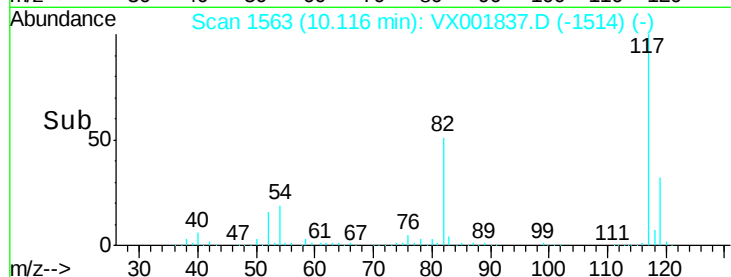
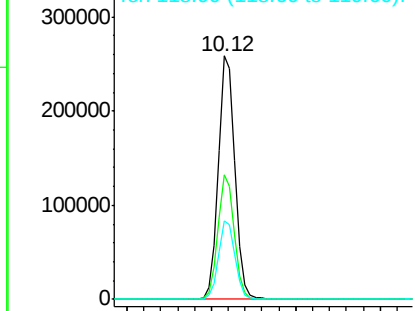
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001837.D
Acq: 18 May 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
SS036MW016-180514

Tot Ion:117 Resp: 353584
Ion Ratio Lower Upper
117 100
82 51.3 41.4 62.2
119 32.2 25.6 38.4

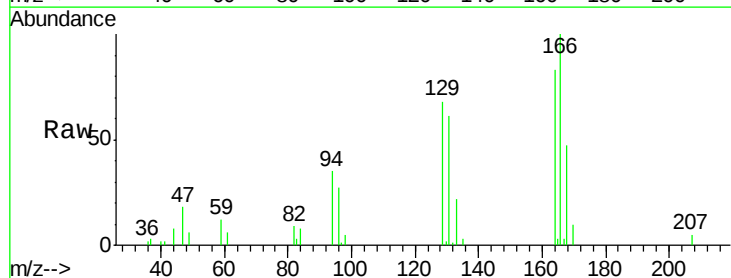


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

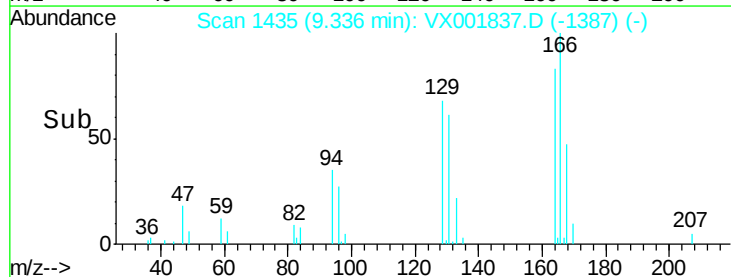
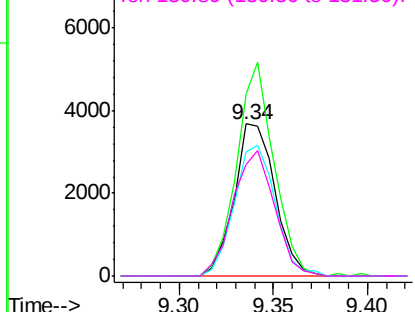


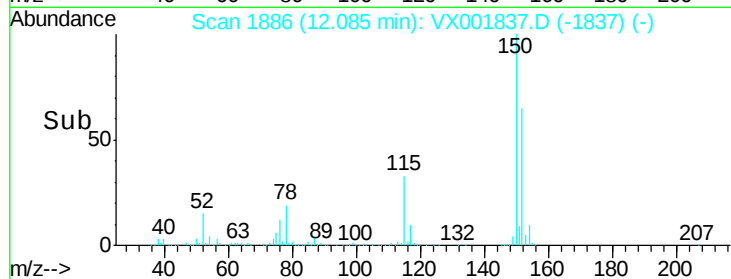
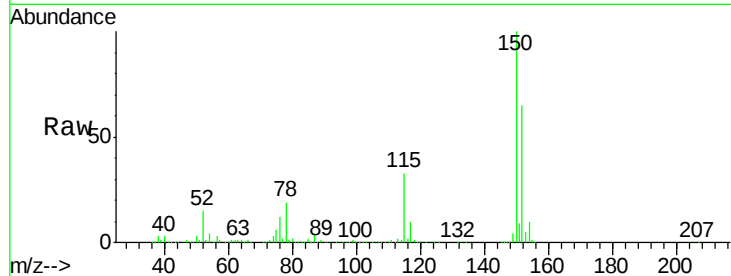
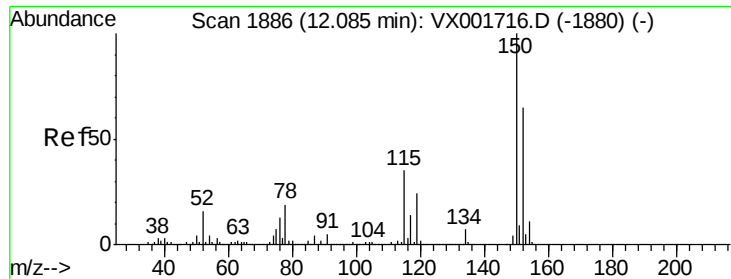
#64
Tetrachloroethene
Concen: 1.20 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001837.D
Acq: 18 May 2018 20:14

Tgt Ion:164 Resp: 5537
Ion Ratio Lower Upper
164 100
166 119.8 101.8 152.8
129 81.8 63.8 95.6
131 73.1 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: VX001837.D

Acq: 18 May 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

SS036MW016-180514

Tot Ion:152 Resp: 192513

Ion Ratio Lower Upper

152 100

115 51.6 37.4 112.2

150 156.7 0.0 344.8

