

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001838.D
 Acq On : 18 May 2018 20:41
 Operator : JC/MD
 Sample : J2986-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW144-180514

Quant Time: May 19 05:04:26 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

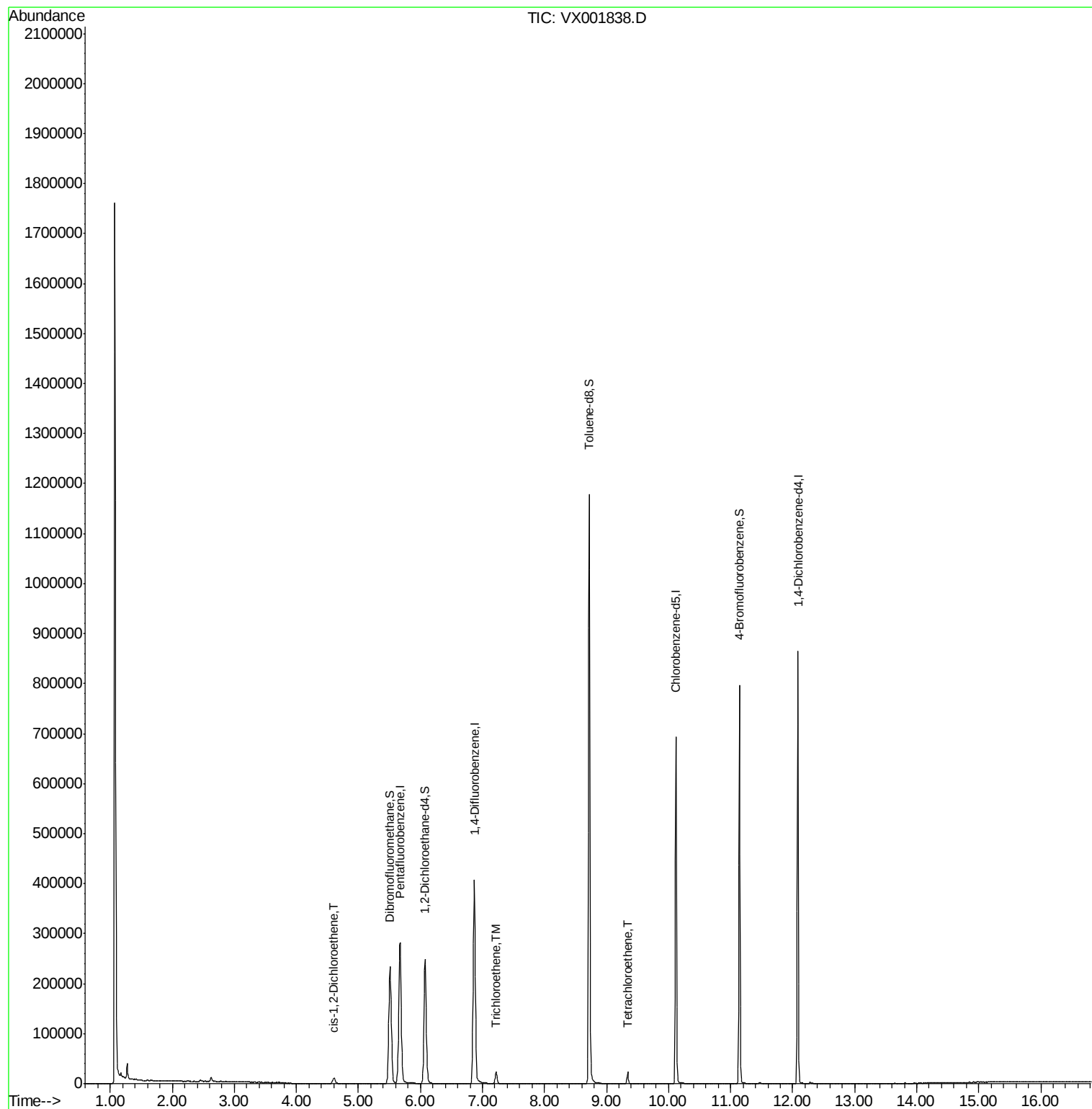
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	312214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	437138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	187688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	227935	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
35) Dibromofluoromethane	5.51	113	195291	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	8.72	98	706906	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	11.14	95	201120	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.56%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	6959	1.80	ug/l	92
44) Trichloroethene	7.22	130	10136	2.20	ug/l	97
64) Tetrachloroethene	9.34	164	5040	1.12	ug/l #	78

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

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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: VX001838.D

Acq: 18 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

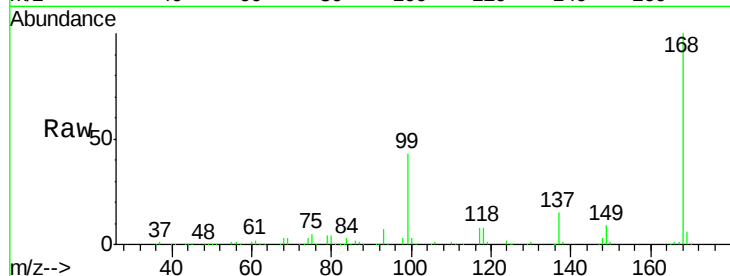
KY037MW144-180514

Tot Ion:168 Resp: 312214

Ion Ratio Lower Upper

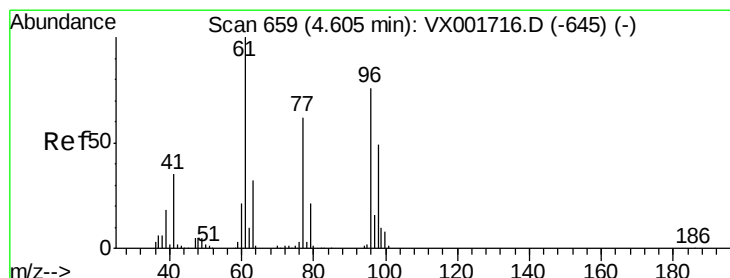
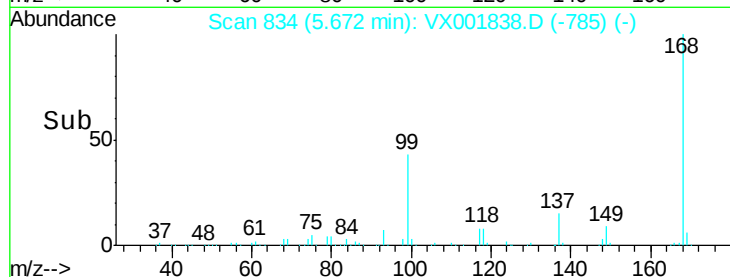
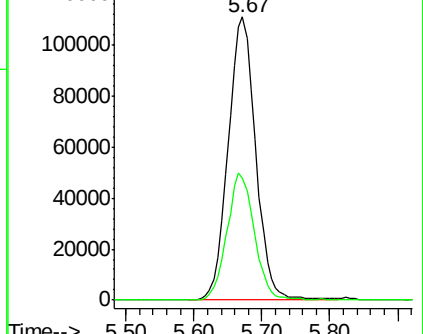
168 100

99 43.3 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: 1.80 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001838.D

Acq: 18 May 2018 20:41

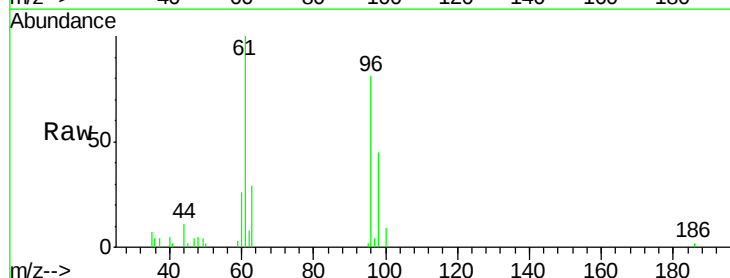
Tgt Ion: 96 Resp: 6959

Ion Ratio Lower Upper

96 100

61 153.3 0.0 280.4

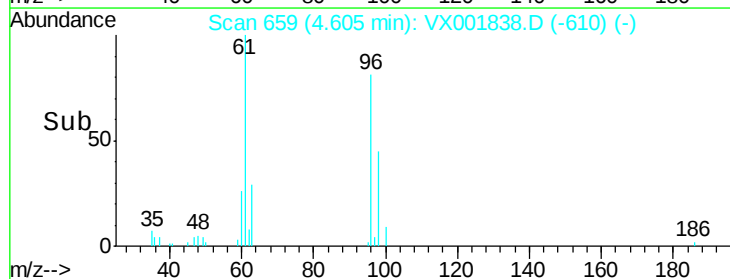
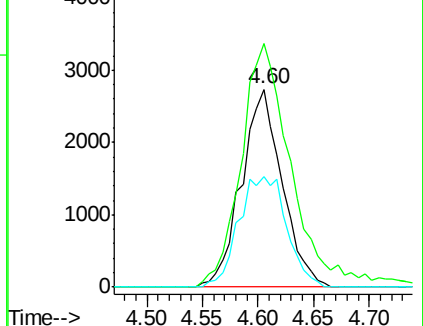
98 65.7 0.0 128.4

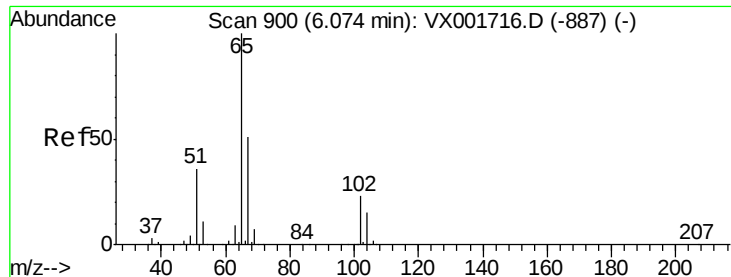


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.47 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001838.D

Acq: 18 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

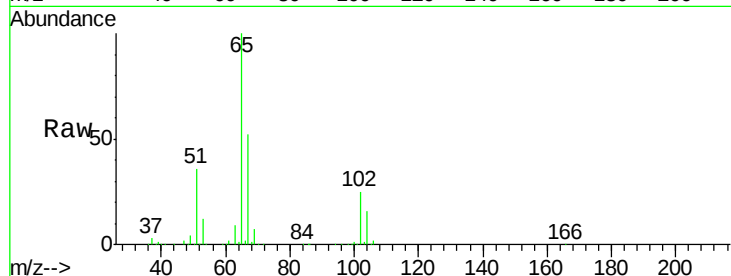
KY037MW144-180514

Tot Ion: 65 Resp: 227935

Ion Ratio Lower Upper

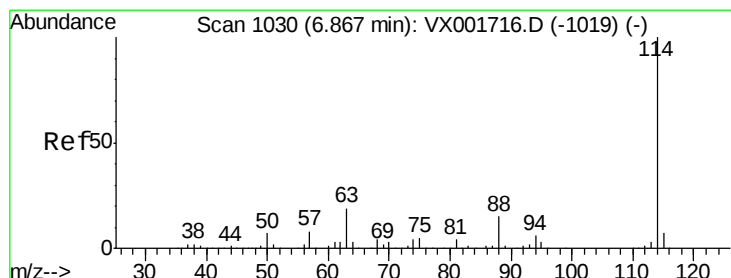
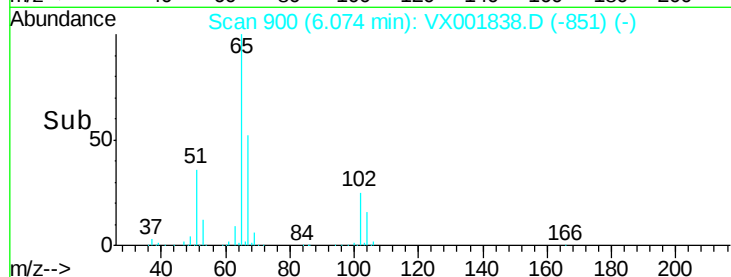
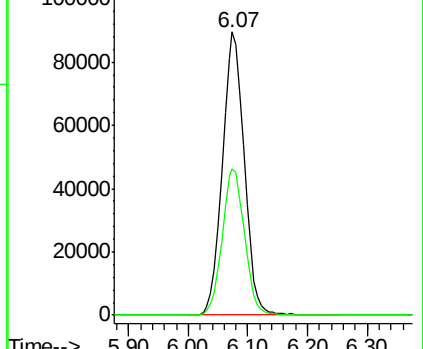
65 100

67 52.7 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: VX001838.D

Acq: 18 May 2018 20:41

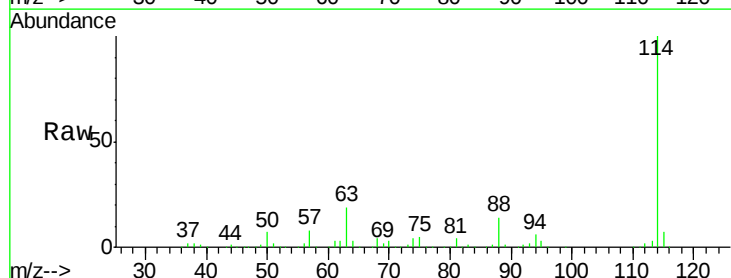
Tgt Ion: 114 Resp: 437138

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.0

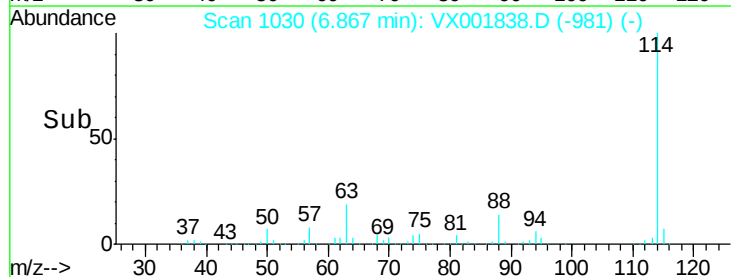
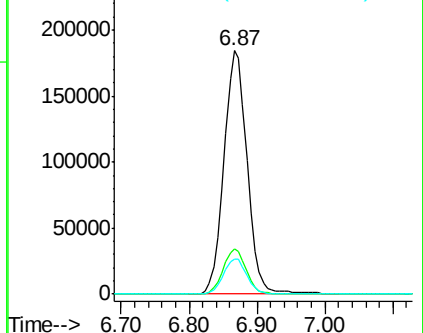
88 14.3 0.0 29.8

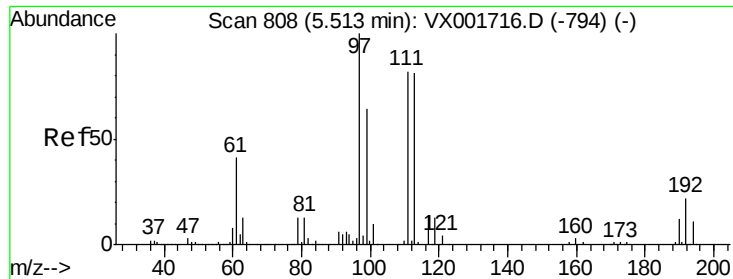


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

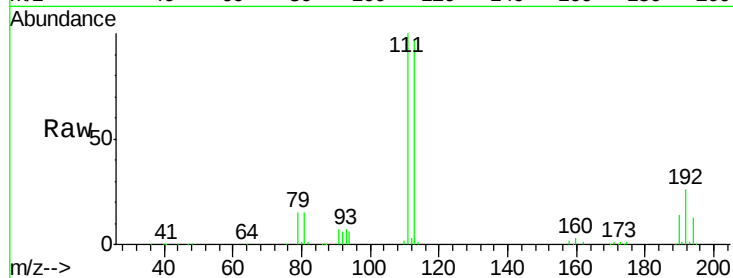




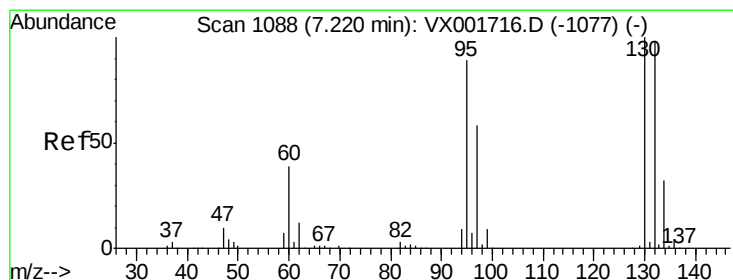
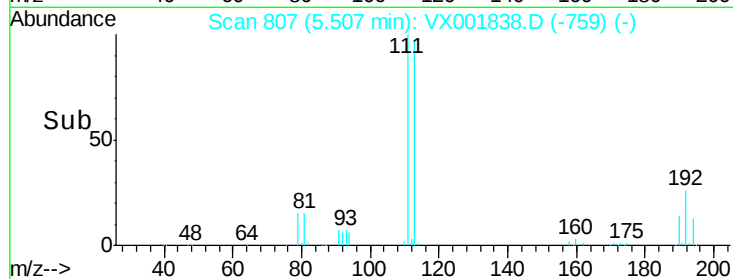
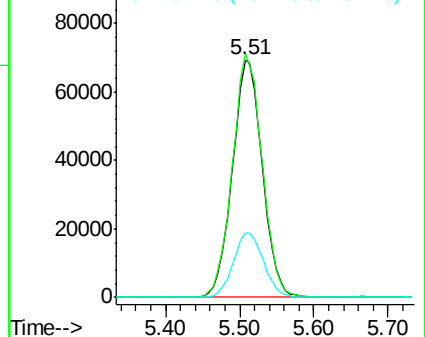
#35
Dibromofluoromethane
Concen: 52.94 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001838.D
Acq: 18 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
KY037MW144-180514

Tot Ion:113 Resp: 195291
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 27.3 21.6 32.4

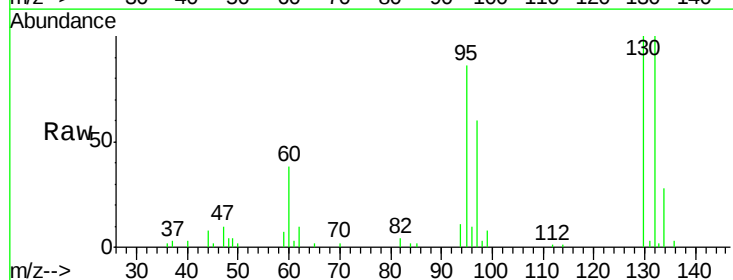


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

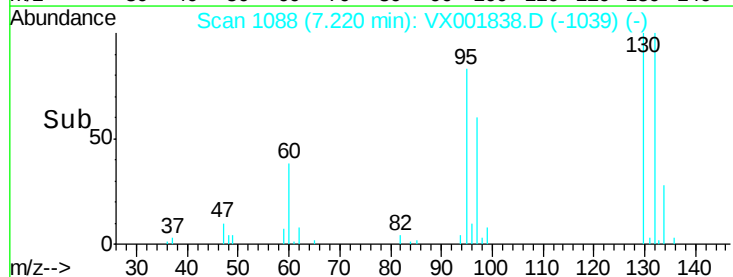
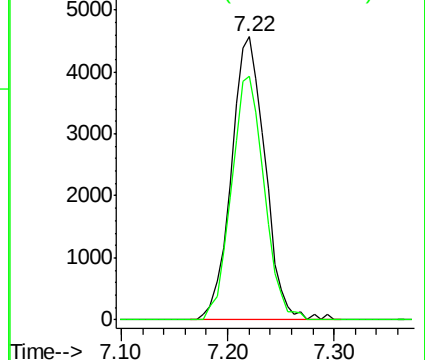


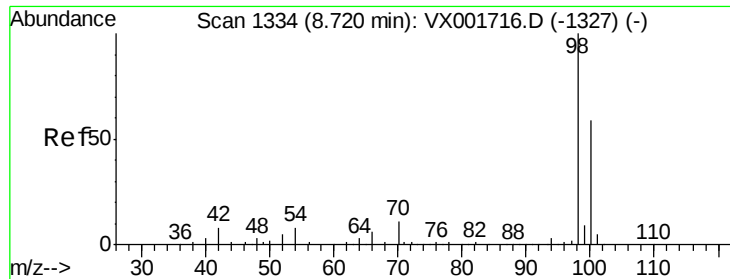
#44
Trichloroethene
Concen: 2.20 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001838.D
Acq: 18 May 2018 20:41

Tgt Ion:130 Resp: 10136
Ion Ratio Lower Upper
130 100
95 86.0 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: 53.50 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001838.D

Acq: 18 May 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

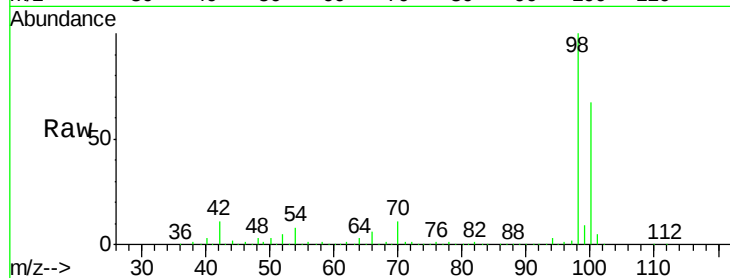
KY037MW144-180514

Tot Ion: 98 Resp: 706906

Ion Ratio Lower Upper

98 100

100 66.8 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

500000

400000

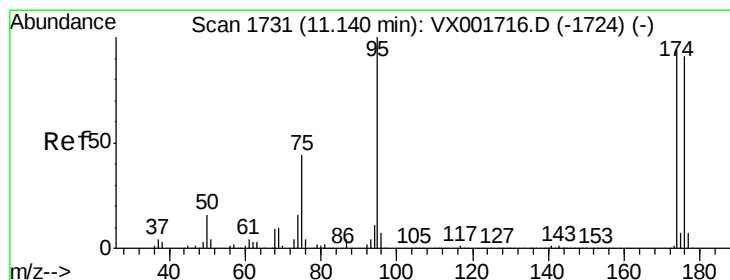
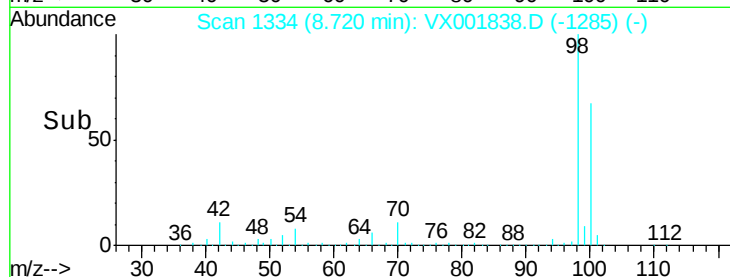
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001838.D

Acq: 18 May 2018 20:41

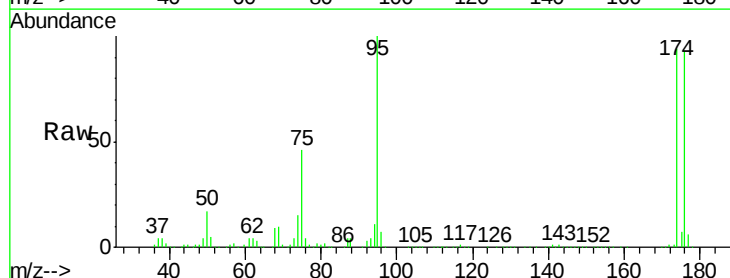
Tgt Ion: 95 Resp: 201120

Ion Ratio Lower Upper

95 100

174 103.7 0.0 201.8

176 101.2 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

11.14

200000

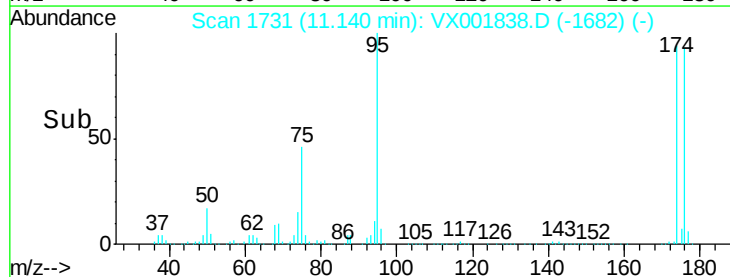
150000

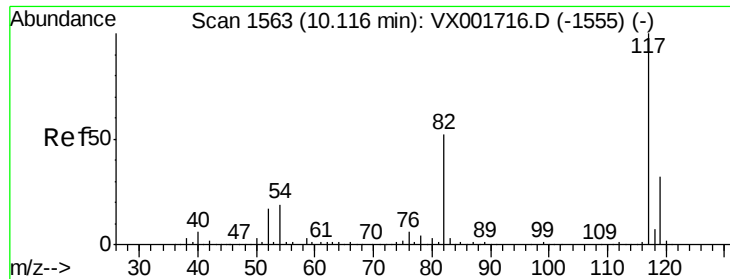
100000

50000

0

Time-->

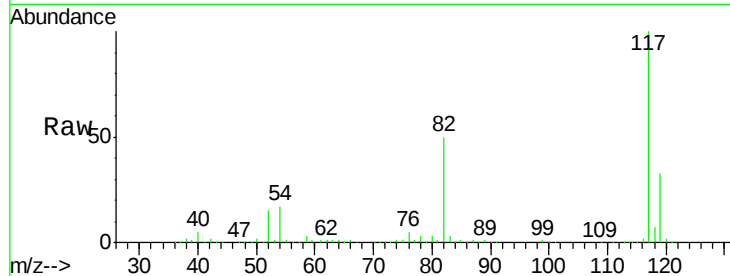




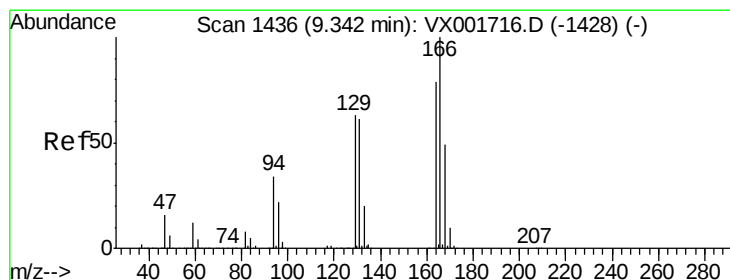
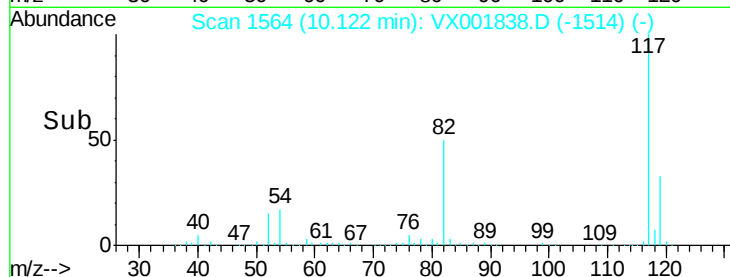
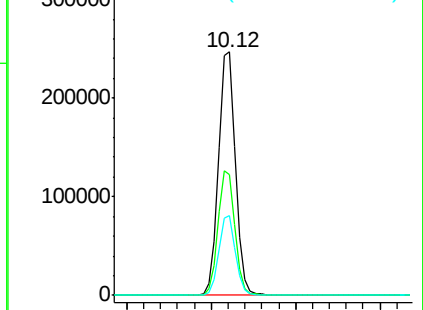
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001838.D
Acq: 18 May 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
KY037MW144-180514

Tot Ion:117 Resp: 346180
Ion Ratio Lower Upper
117 100
82 49.6 41.4 62.2
119 32.9 25.6 38.4

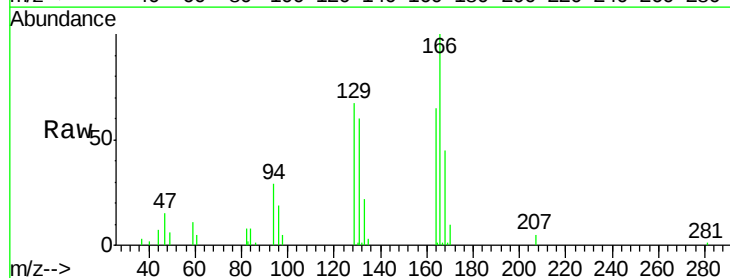


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

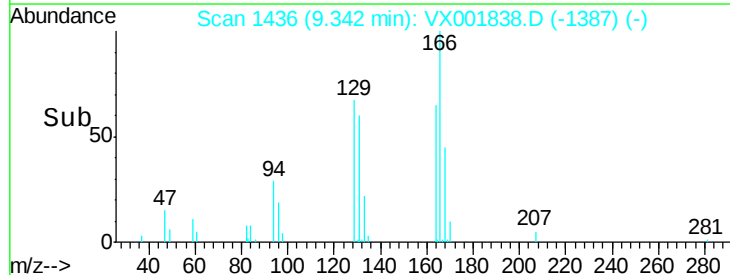
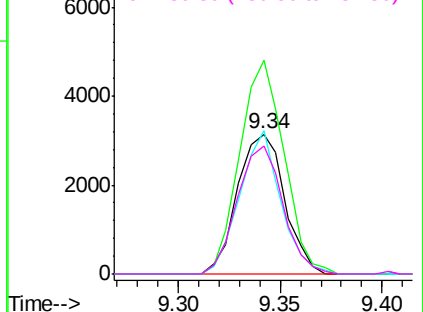


#64
Tetrachloroethene
Concen: 1.12 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001838.D
Acq: 18 May 2018 20:41

Tgt Ion:164 Resp: 5040
Ion Ratio Lower Upper
164 100
166 153.0 101.8 152.8#
129 102.5 63.8 95.6#
131 91.7 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

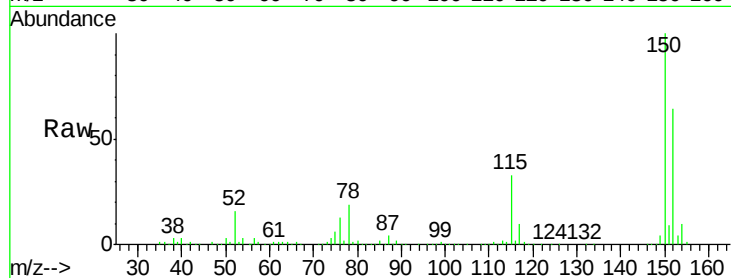




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001838.D
 Acq: 18 May 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW144-180514

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.9	37.4	112.2
150	157.6	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

