

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002187.D
 Acq On : 31 May 2018 20:23
 Operator : JC/MD
 Sample : J3183-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW186-180523

Quant Time: Jun 01 04:02:10 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

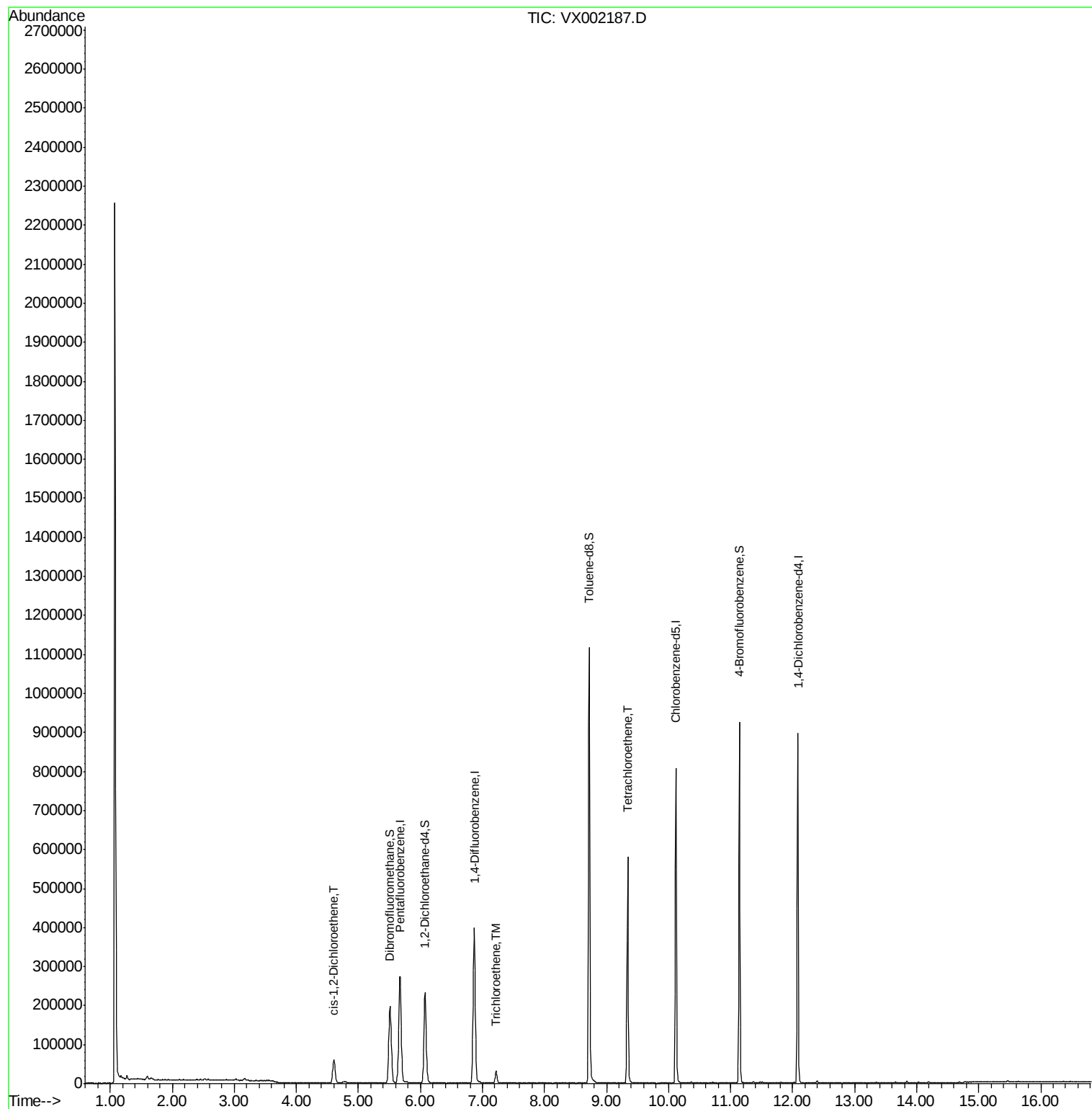
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	395641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	219413	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
35) Dibromofluoromethane	5.51	113	161568	40.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.68%	
50) Toluene-d8	8.72	98	638979	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	11.14	95	221356	39.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.00%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	35167	8.472	ug/l	93
44) Trichloroethene	7.22	130	11281	2.401	ug/l	89
64) Tetrachloroethene	9.34	164	115680	22.942	ug/l	99

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

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QLast Update : Thu May 24 13:09:03 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002187.D

Acq: 31 May 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

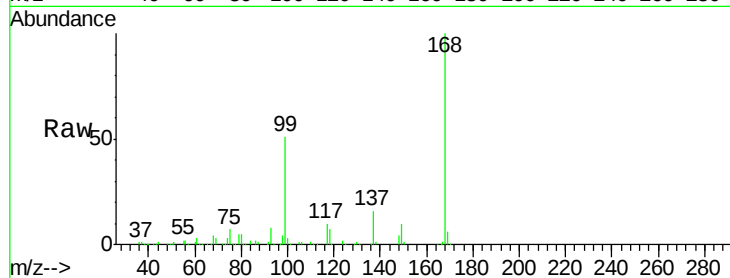
ST008MW186-180523

Tot Ion:168 Resp: 273119

Ion Ratio Lower Upper

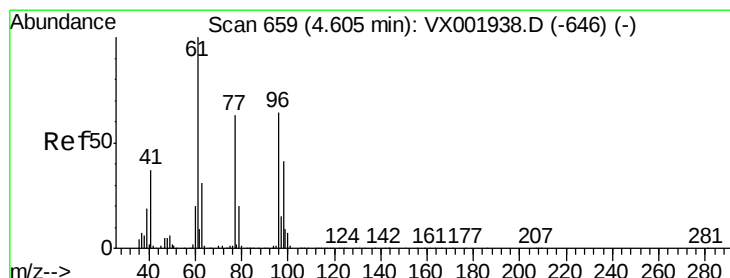
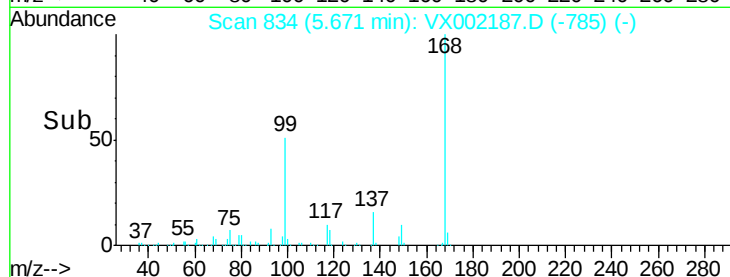
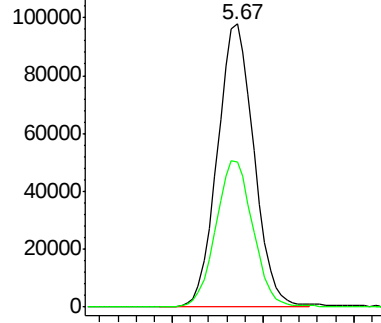
168 100

99 51.1 41.0 61.4



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: 8.472 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002187.D

Acq: 31 May 2018 20:23

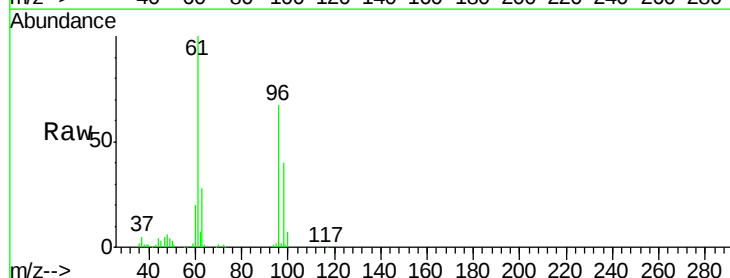
Tgt Ion: 96 Resp: 35167

Ion Ratio Lower Upper

96 100

61 160.8 0.0 348.4

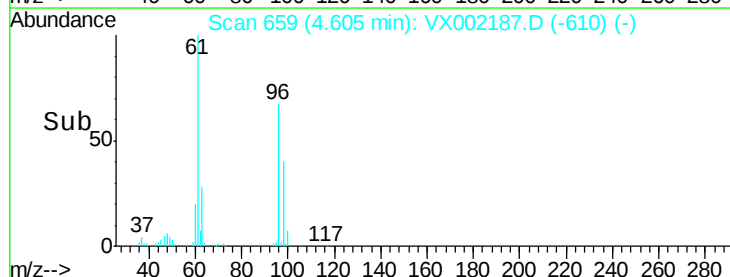
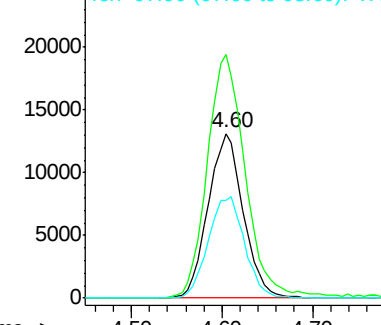
98 63.9 0.0 128.6

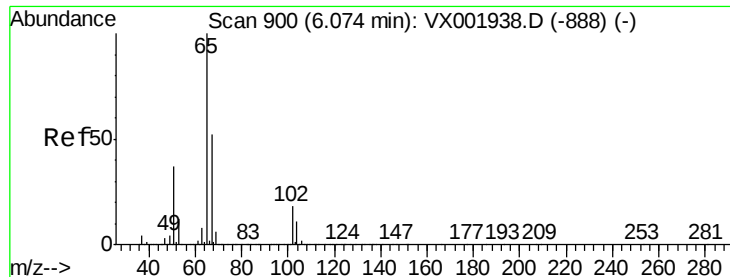


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.943 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002187.D

Acq: 31 May 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

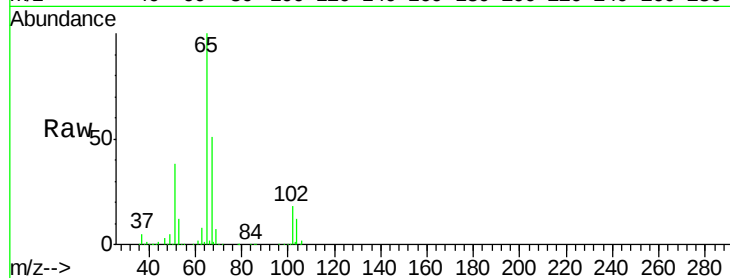
ST008MW186-180523

Tot Ion: 65 Resp: 219413

Ion Ratio Lower Upper

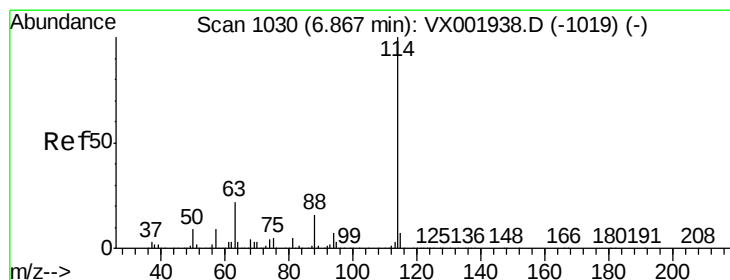
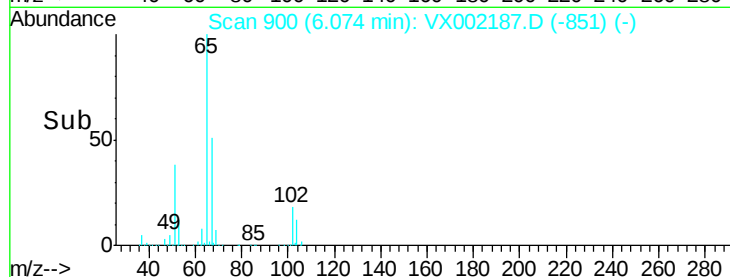
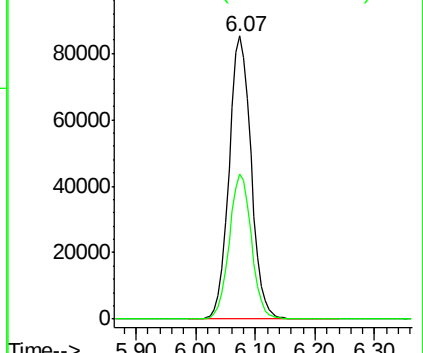
65 100

67 51.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002187.D

Acq: 31 May 2018 20:23

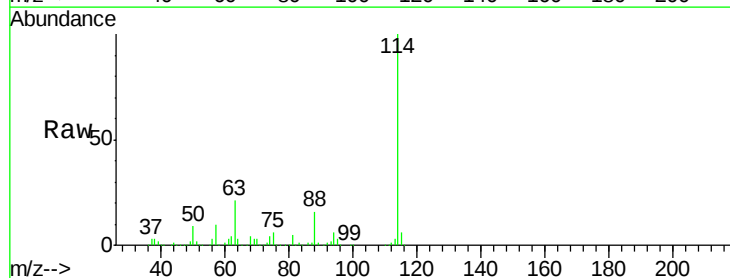
Tgt Ion: 114 Resp: 395641

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

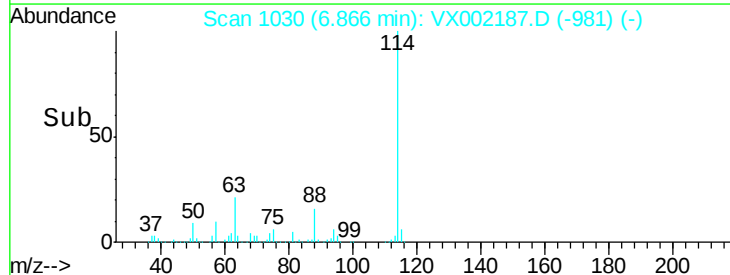
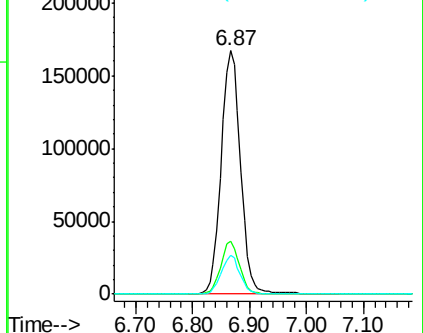
88 15.9 0.0 31.6

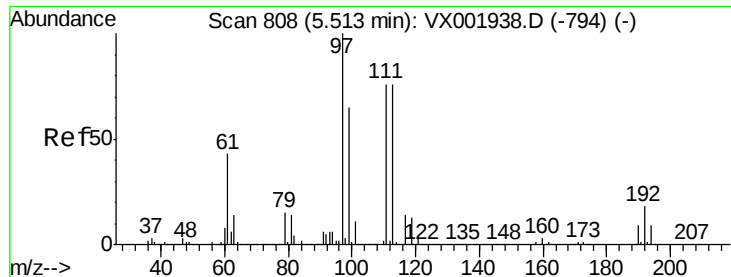


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

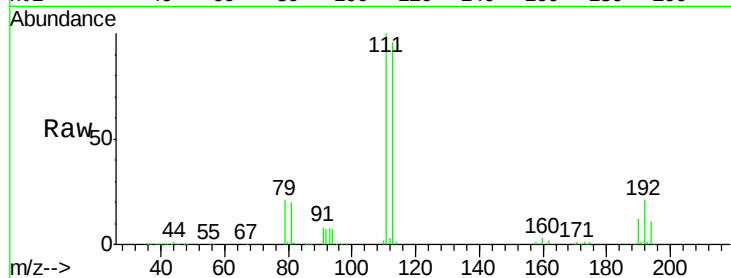




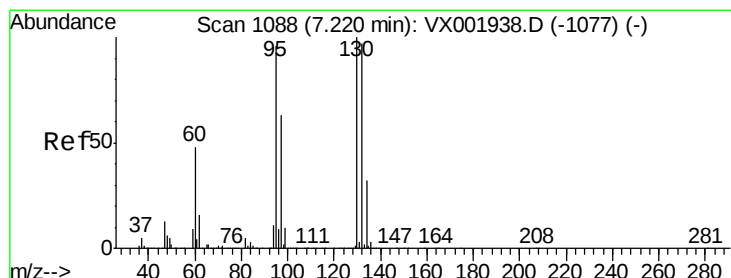
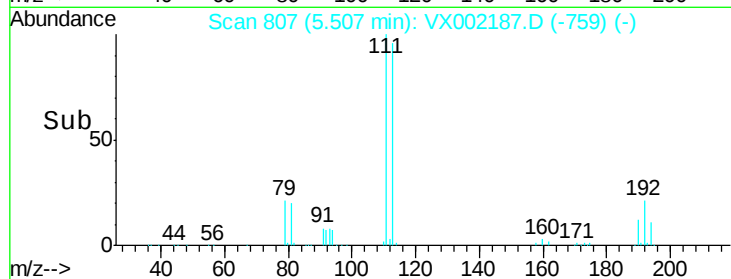
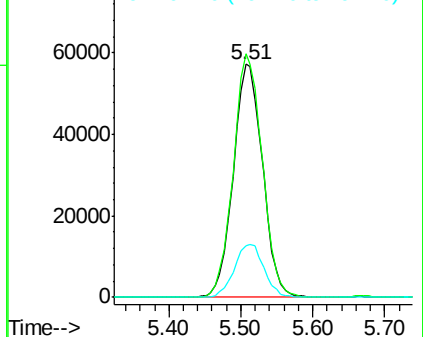
#35
 Dibromofluoromethane
 Concen: 40.837 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002187.D
 Acq: 31 May 2018 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW186-180523

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	23.2	18.9	28.3

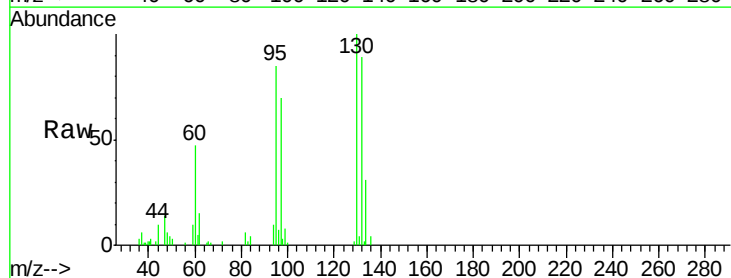


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

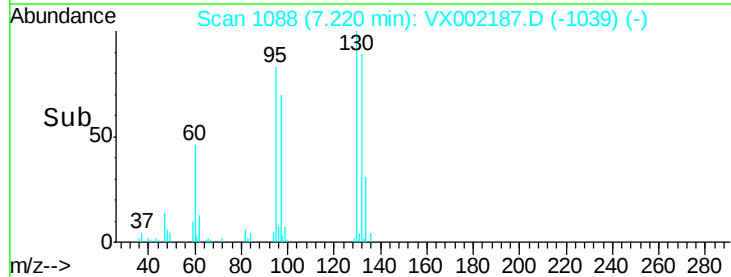
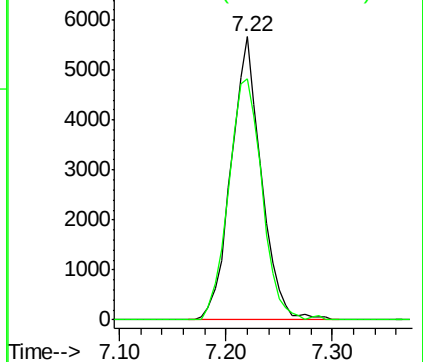


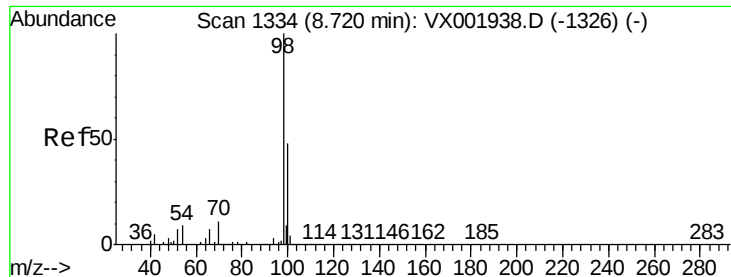
#44
 Trichloroethene
 Concen: 2.401 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002187.D
 Acq: 31 May 2018 20:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.2	0.0	192.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 44.610 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002187.D

Acq: 31 May 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

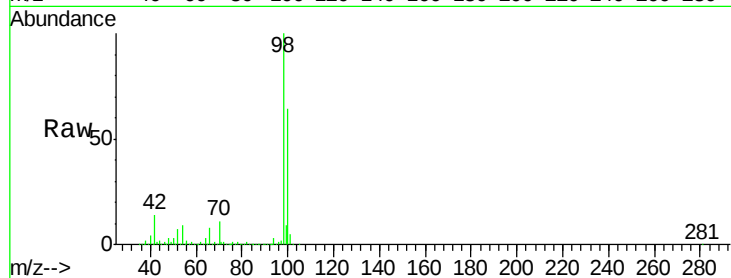
ST008MW186-180523

Tot Ion: 98 Resp: 638979

Ion Ratio Lower Upper

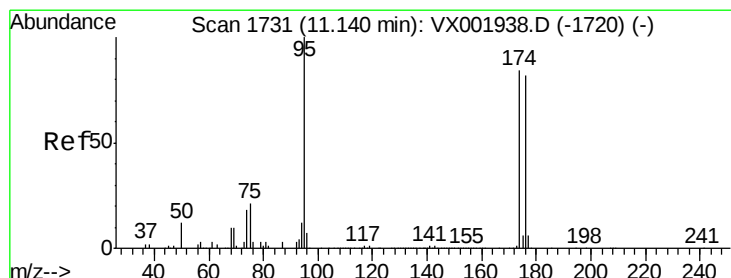
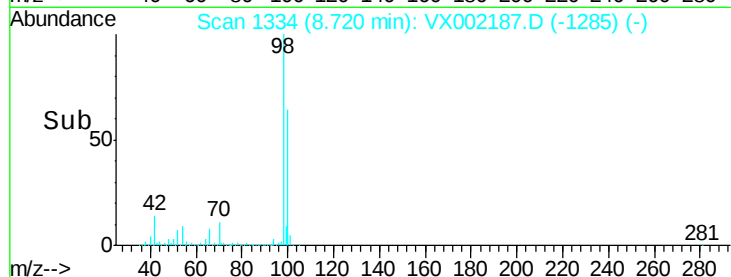
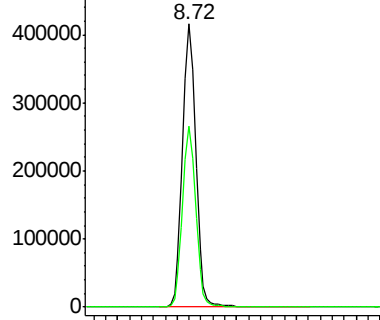
98 100

100 63.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 39.498 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002187.D

Acq: 31 May 2018 20:23

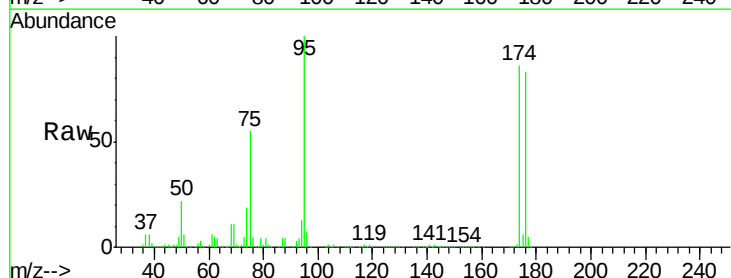
Tgt Ion: 95 Resp: 221356

Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.8

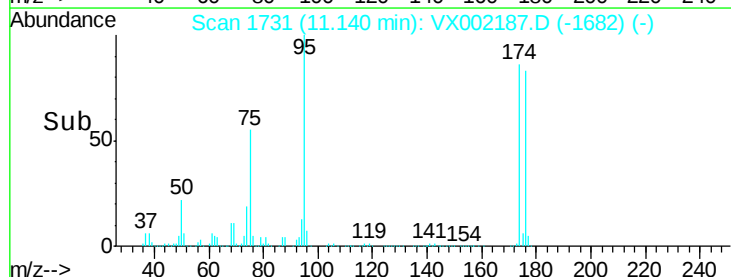
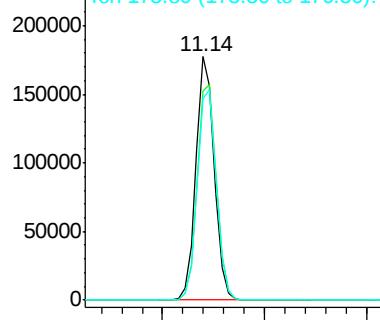
176 89.5 0.0 175.6

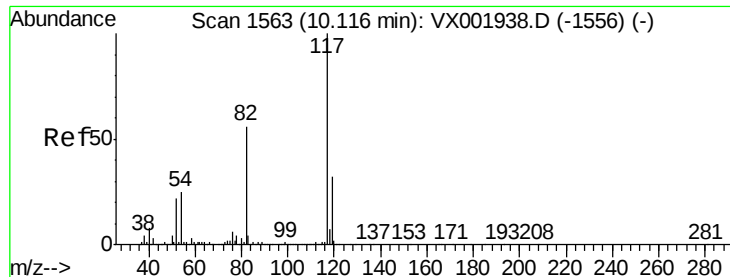


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

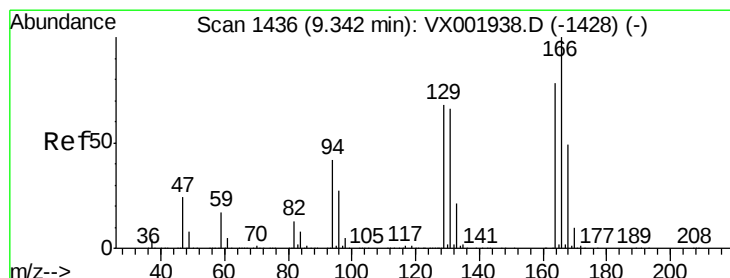
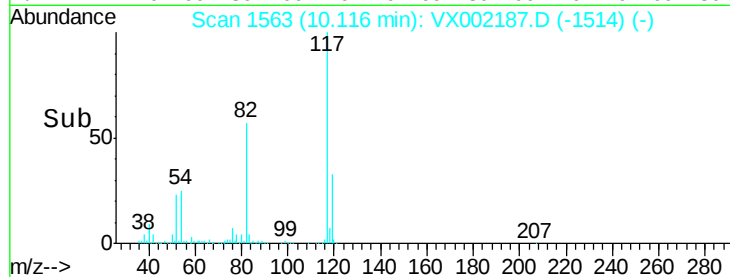
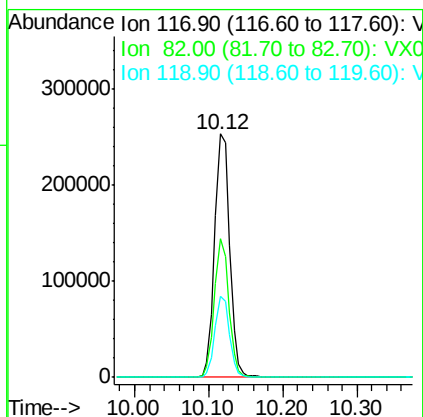
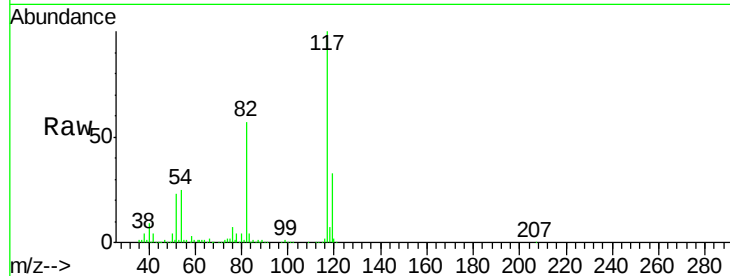




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002187.D
Acq: 31 May 2018 20:23

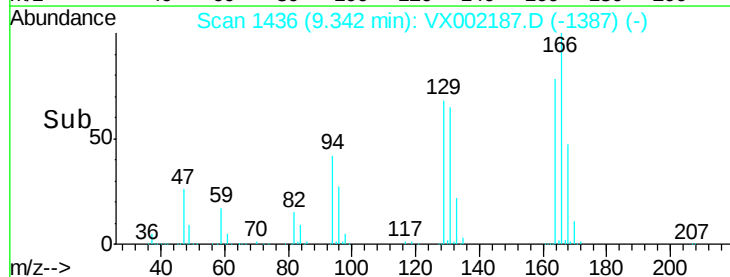
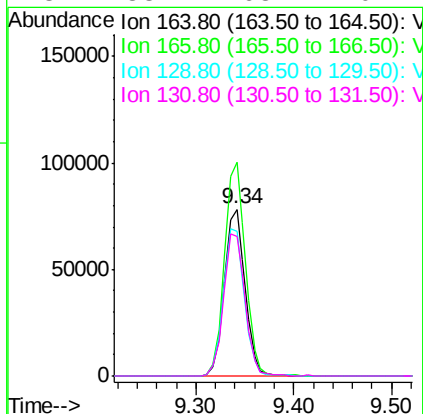
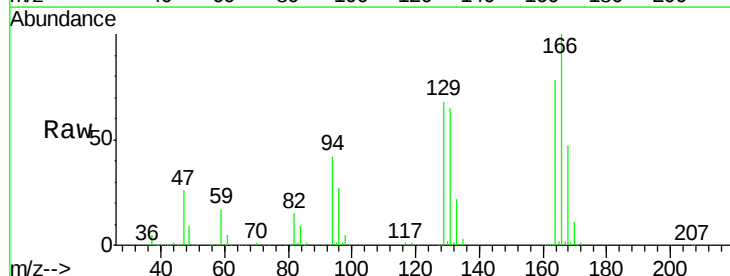
Instrument :
MSVOA_X
ClientSampleId :
ST008MW186-180523

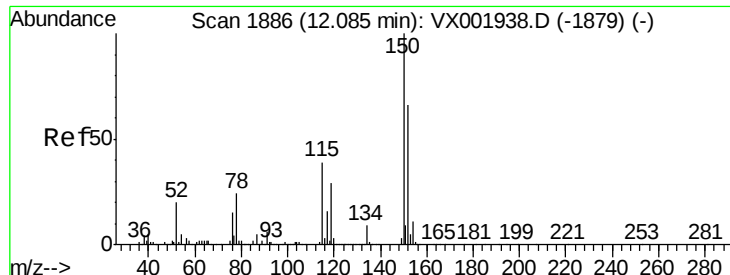
Tot Ion:117 Resp: 351672
Ion Ratio Lower Upper
117 100
82 56.8 44.8 67.2
119 33.2 25.5 38.3



#64
Tetrachloroethene
Concen: 22.942 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002187.D
Acq: 31 May 2018 20:23

Tgt Ion:164 Resp: 115680
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 87.1 70.3 105.5
131 83.7 68.2 102.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002187.D

Acq: 31 May 2018 20:23

Instrument :

MSVOA_X

ClientSampleId :

ST008MW186-180523

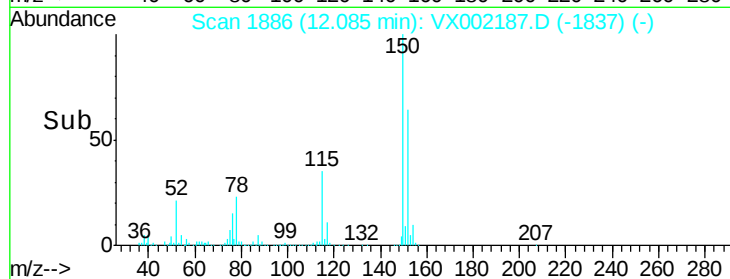
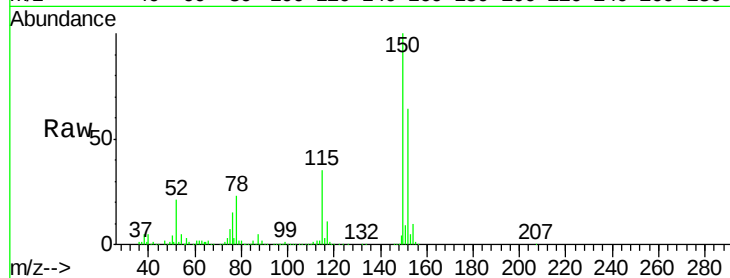
Tot Ion:152 Resp: 185501

Ion Ratio Lower Upper

152 100

115 55.4 42.3 126.8

150 156.7 0.0 351.0



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

