

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002183.D
 Acq On : 31 May 2018 17:53
 Operator : JC/MD
 Sample : J3183-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW317-180523

Quant Time: Jun 01 03:50:30 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

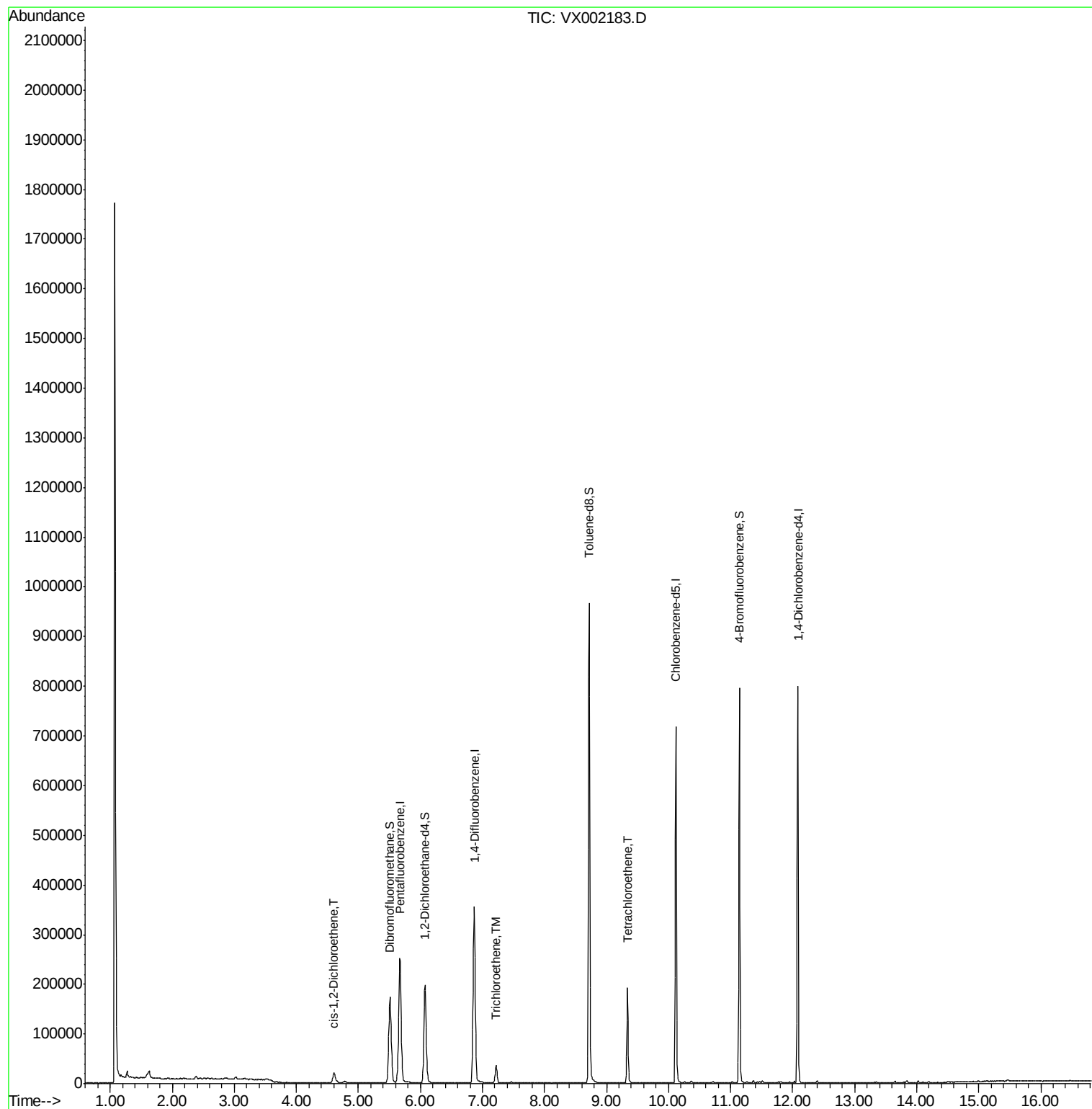
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188303	42.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.38%	
35) Dibromofluoromethane	5.51	113	138616	39.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.90%	
50) Toluene-d8	8.72	98	551768	43.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.76%	
62) 4-Bromofluorobenzene	11.14	95	187410	37.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.32%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	8681	2.287	ug/l	15
44) Trichloroethene	7.22	130	13502	3.236	ug/l	97
64) Tetrachloroethene	9.34	164	37523	8.323	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002183.D

Acq: 31 May 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

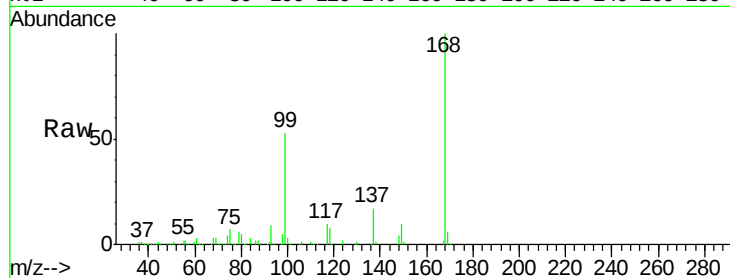
SS040MW317-180523

Tot Ion:168 Resp: 249713

Ion Ratio Lower Upper

168 100

99 52.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

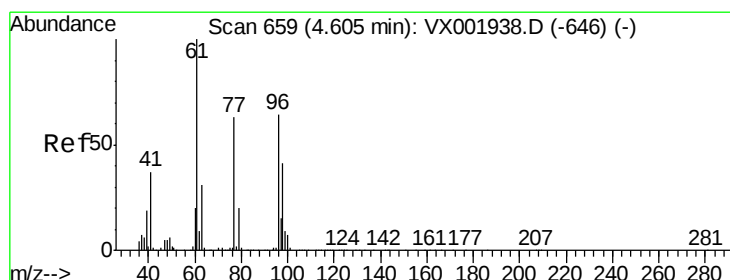
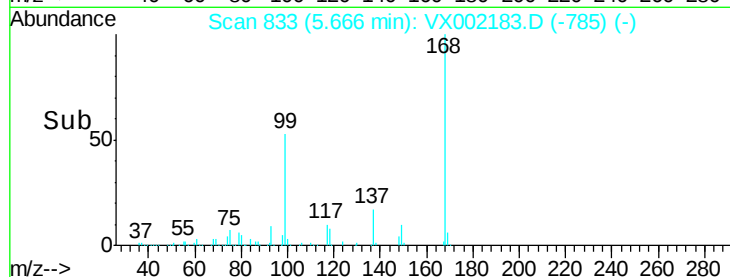
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.287 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002183.D

Acq: 31 May 2018 17:53

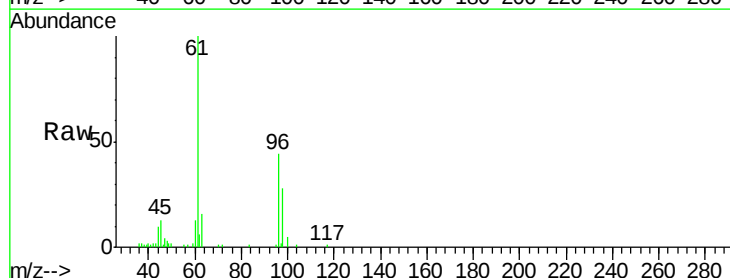
Tgt Ion: 96 Resp: 8681

Ion Ratio Lower Upper

96 100

61 333.7 0.0 348.4

98 68.8 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

10000

8000

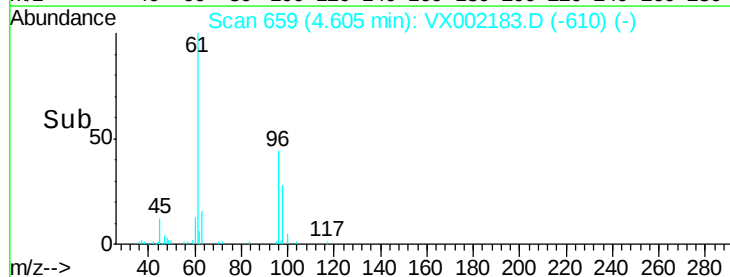
6000

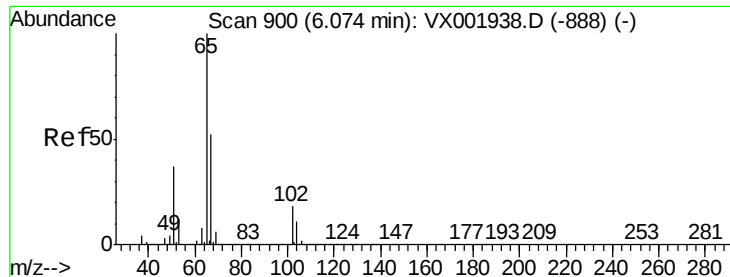
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 42.186 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002183.D

Acq: 31 May 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

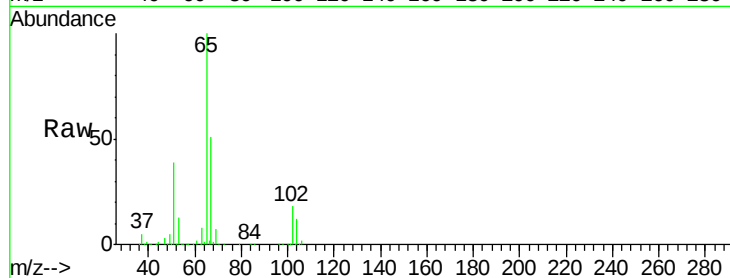
SS040MW317-180523

Tot Ion: 65 Resp: 188303

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

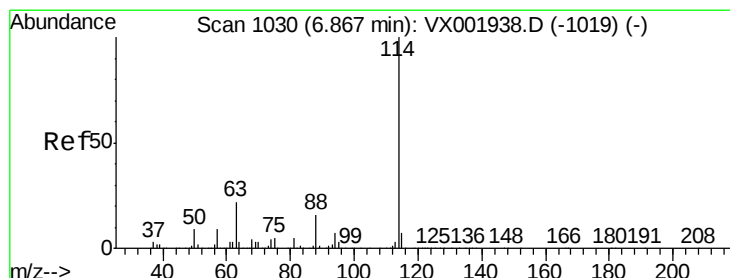
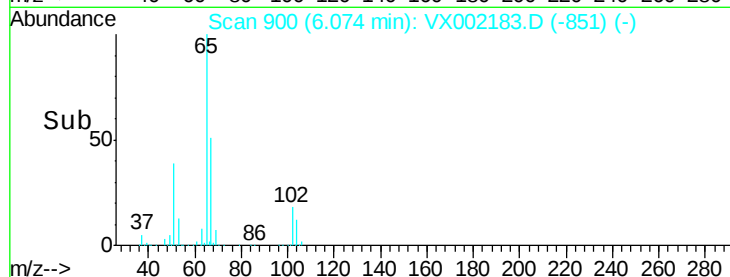
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002183.D

Acq: 31 May 2018 17:53

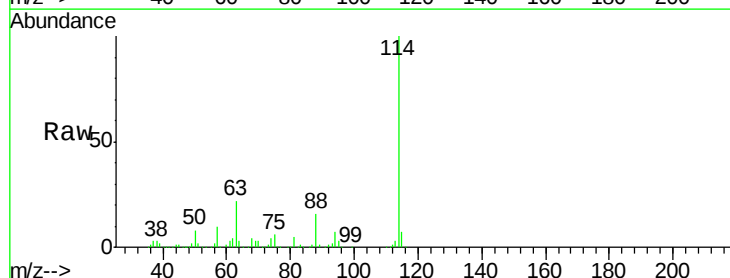
Tgt Ion: 114 Resp: 351329

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

88 15.8 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

200000

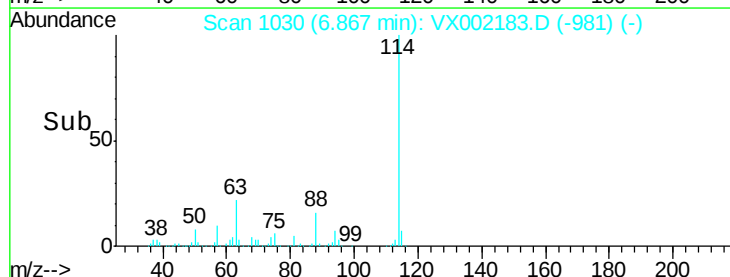
150000

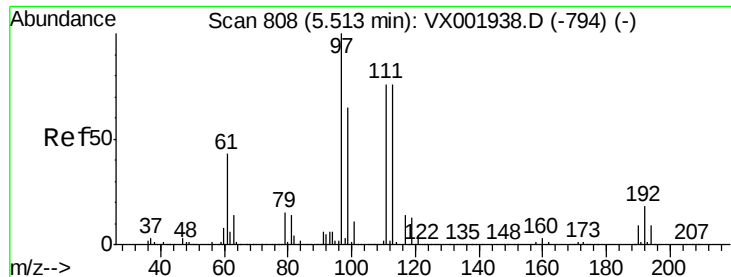
100000

50000

0

Time--> 6.80 6.90 7.00

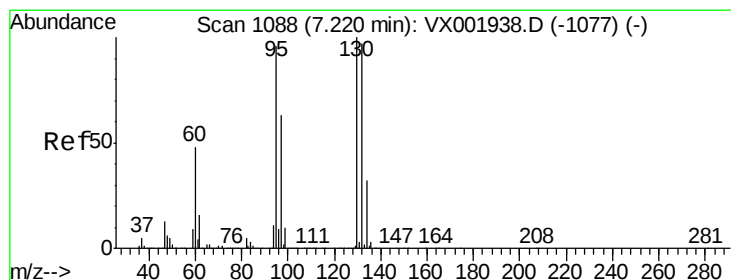
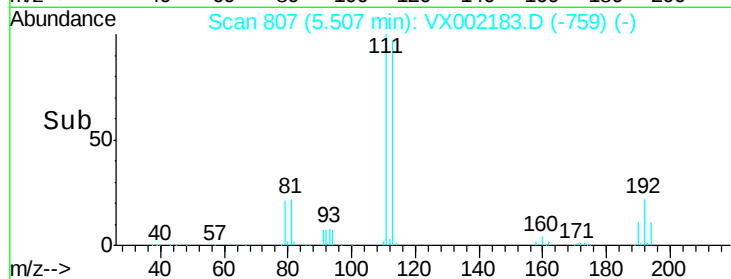
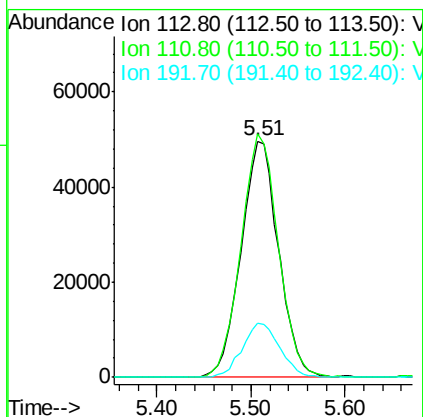
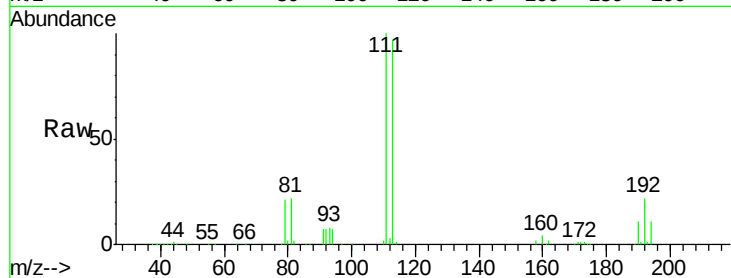




#35
Dibromofluoromethane
Concen: 39.455 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

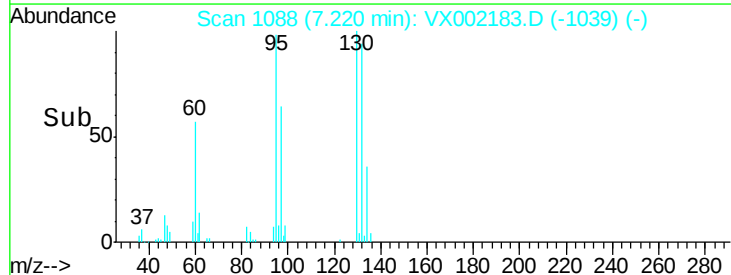
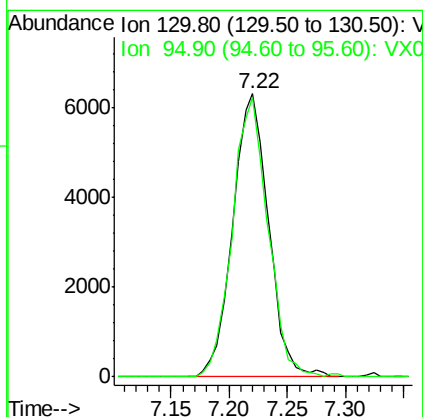
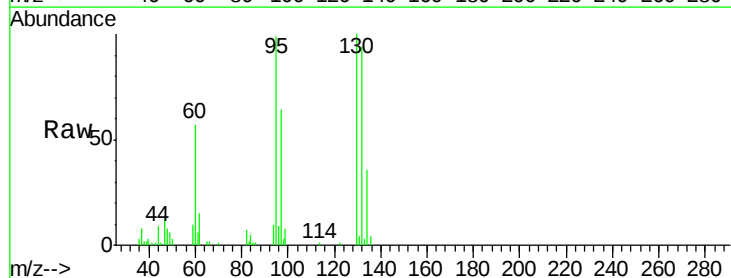
Instrument :
MSVOA_X
ClientSampleId :
SS040MW317-180523

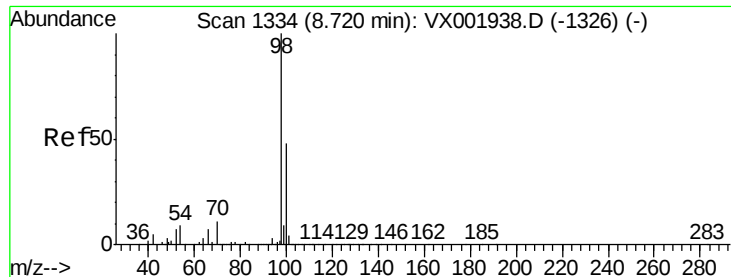
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	23.0	18.9	28.3



#44
Trichloroethene
Concen: 3.236 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	192.0





#50

Toluene-d8

Concen: 43.380 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002183.D

Acq: 31 May 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

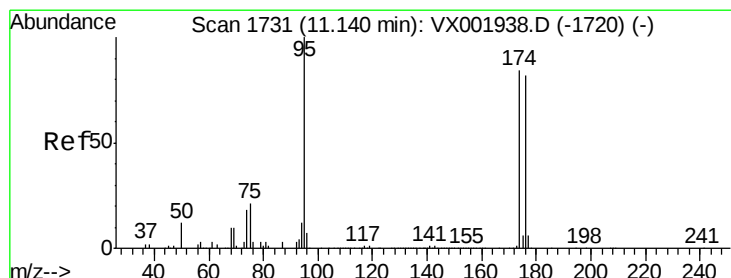
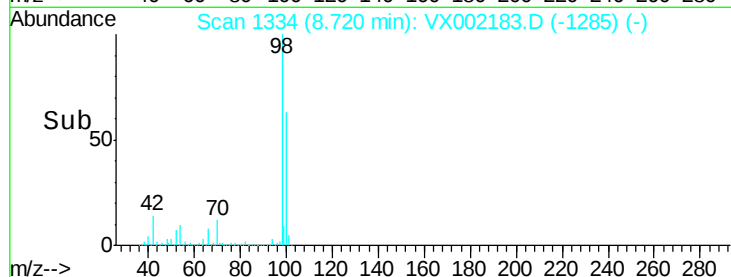
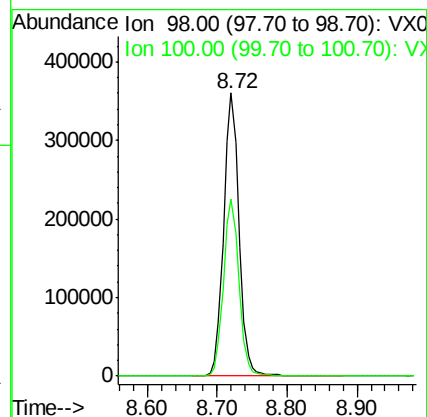
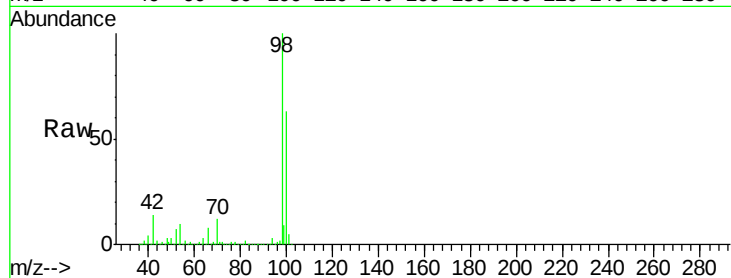
SS040MW317-180523

Tot Ion: 98 Resp: 551768

Ion Ratio Lower Upper

98 100

100 63.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 37.659 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002183.D

Acq: 31 May 2018 17:53

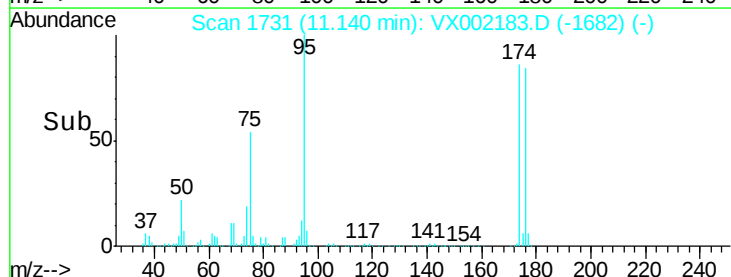
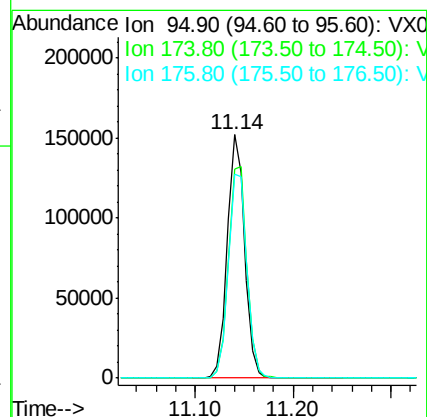
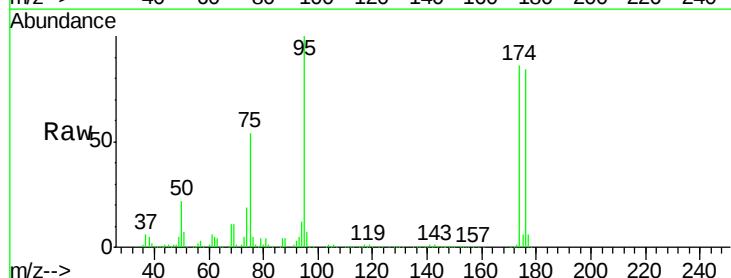
Tgt Ion: 95 Resp: 187410

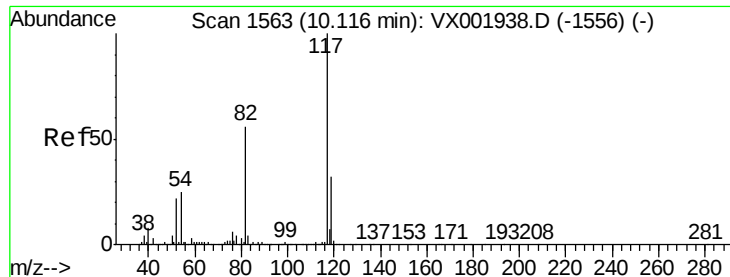
Ion Ratio Lower Upper

95 100

174 92.1 0.0 178.8

176 89.6 0.0 175.6

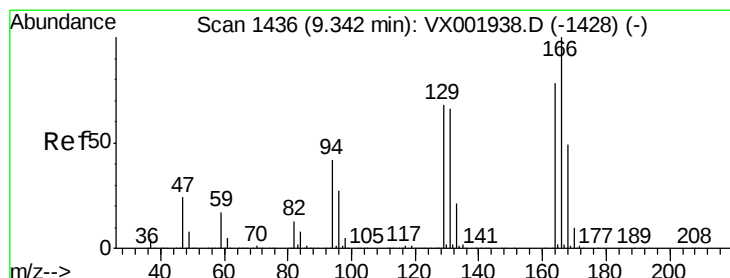
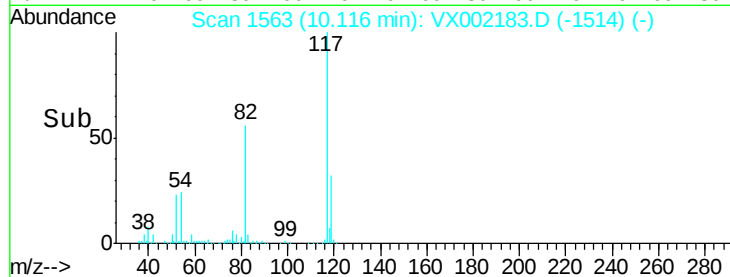
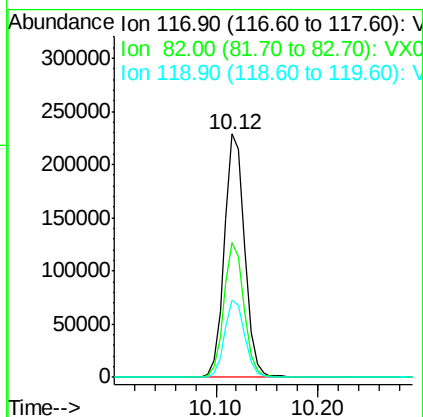
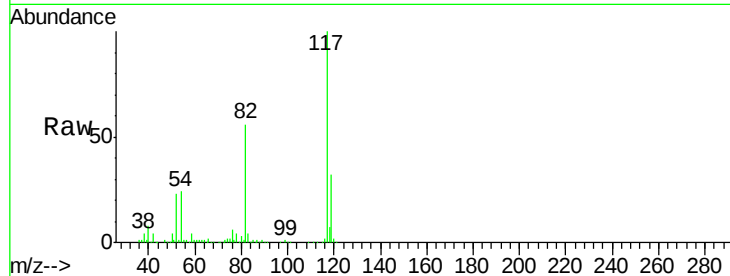




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

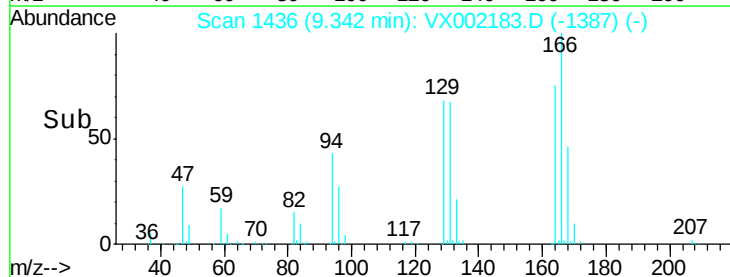
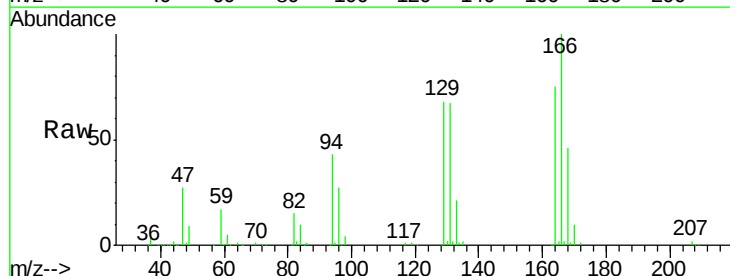
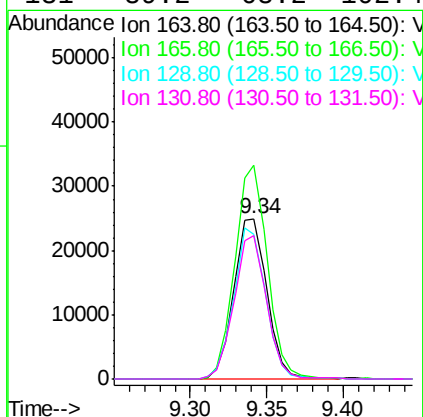
Instrument :
MSVOA_X
ClientSampleId :
SS040MW317-180523

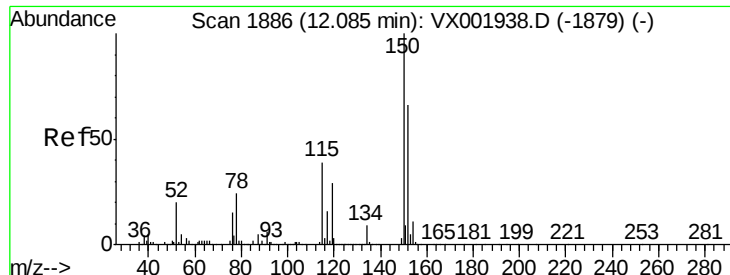
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.8	67.2
119	31.9	25.5	38.3



#64
Tetrachloroethene
Concen: 8.323 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.3	102.7	154.1
129	90.7	70.3	105.5
131	89.2	68.2	102.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002183.D

Acq: 31 May 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

SS040MW317-180523

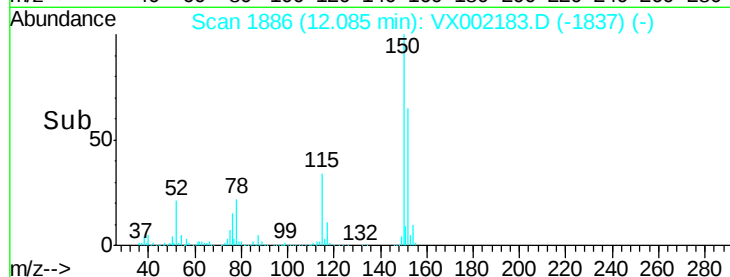
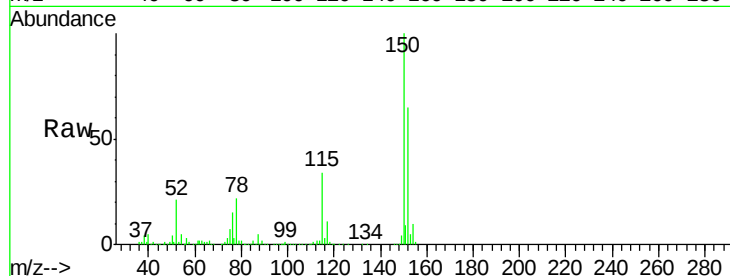
Tot Ion:152 Resp: 165561

Ion Ratio Lower Upper

152 100

115 55.2 42.3 126.8

150 155.9 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

