

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001644.D
 Acq On : 11 May 2018 17:27
 Operator : JC/MD
 Sample : J2741-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW153-180501

Quant Time: May 12 07:02:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

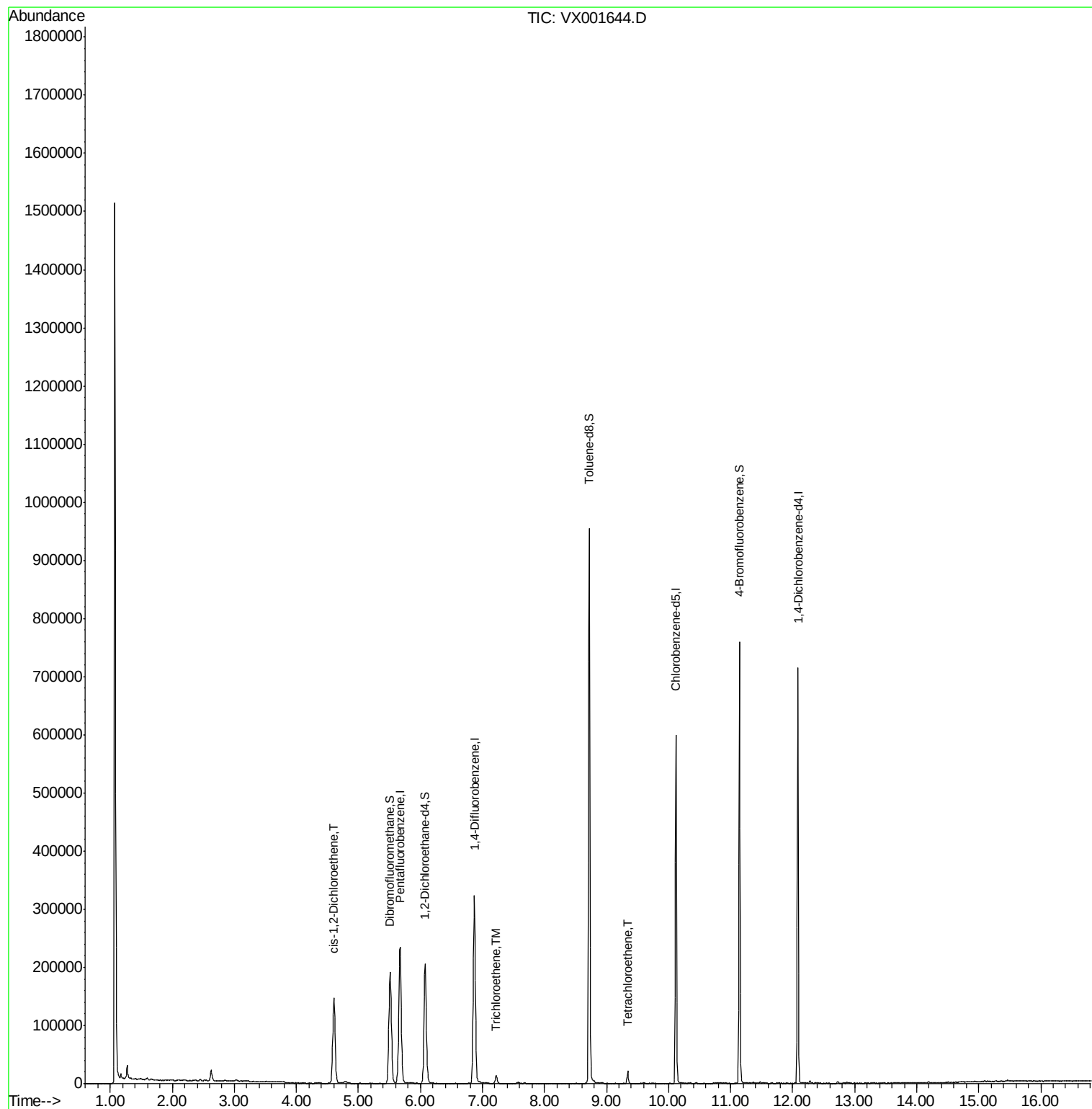
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	201344	57.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.64%	
35) Dibromofluoromethane	5.51	113	157967	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
50) Toluene-d8	8.72	98	556107	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.15	95	184169	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	95007	29.56	ug/l	86
44) Trichloroethene	7.22	130	5608	1.47	ug/l	96
64) Tetrachloroethene	9.34	164	4586	1.14	ug/l	97

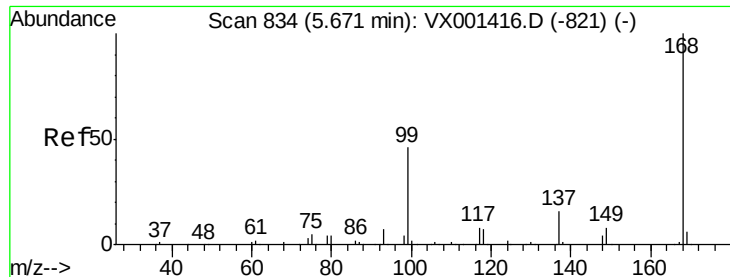
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001644.D

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Instrument :

MSVOA_X

ClientSampleId :

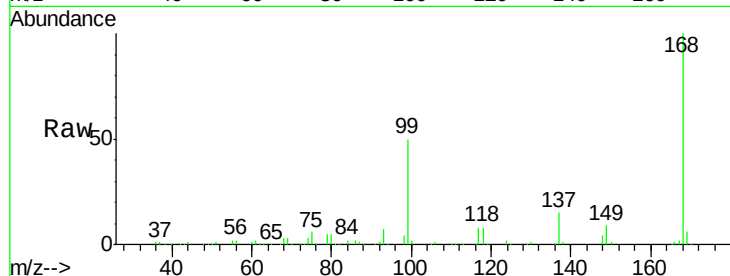
ST008MW153-180501

Tot Ion:168 Resp: 244372

Ion Ratio Lower Upper

168 100

99 49.5 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

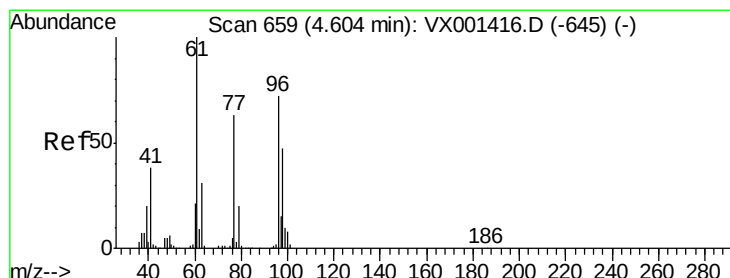
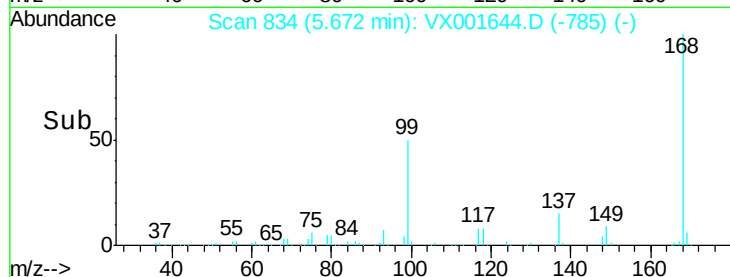
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 29.56 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001644.D

Acq: 11 May 2018 17:27

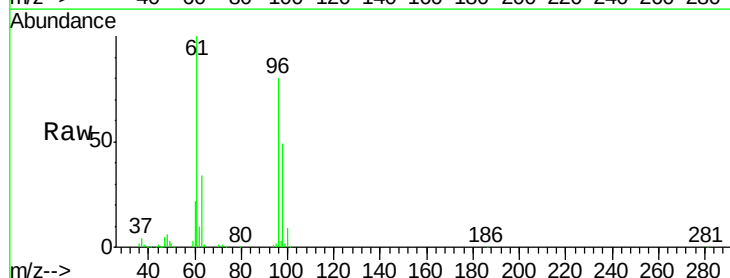
Tgt Ion: 96 Resp: 95007

Ion Ratio Lower Upper

96 100

61 126.7 0.0 301.6

98 63.7 0.0 131.6



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

4.60

60000

50000

40000

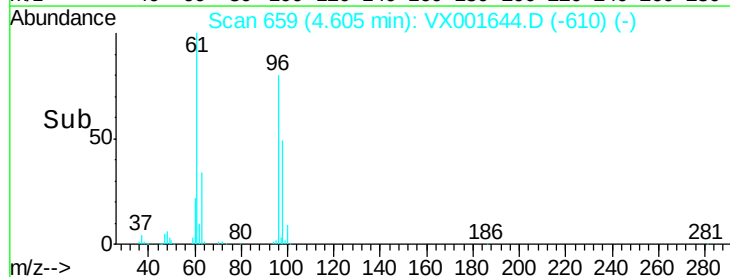
30000

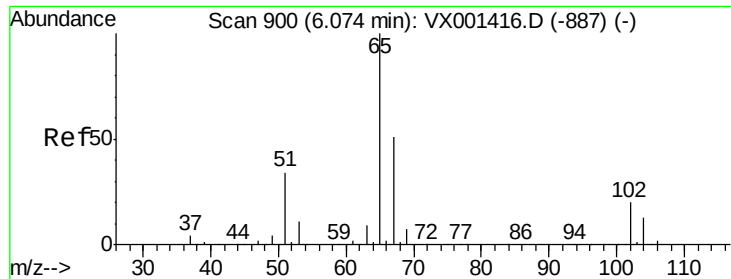
20000

10000

0

Time--> 4.50 4.60 4.70 4.80

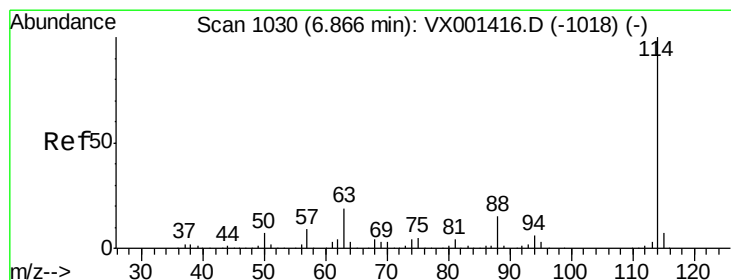
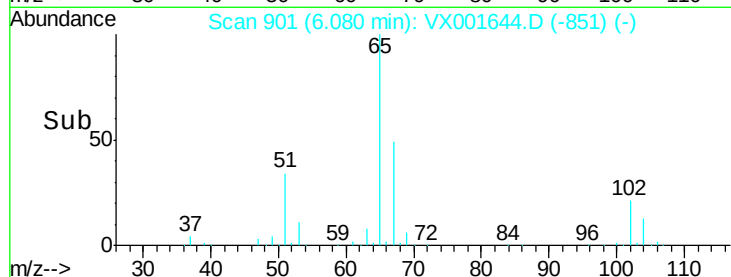
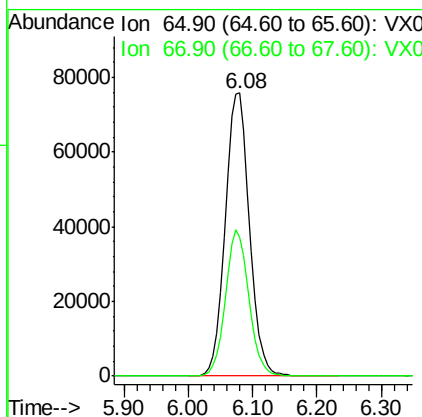
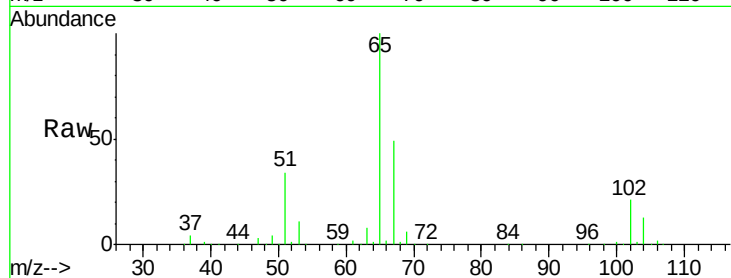




#33
 1,2-Dichloroethane-d4
 Concen: 57.32 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001644.D
 Acq: 11 May 2018 17:27

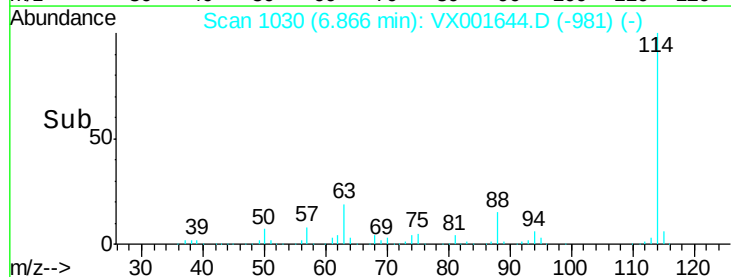
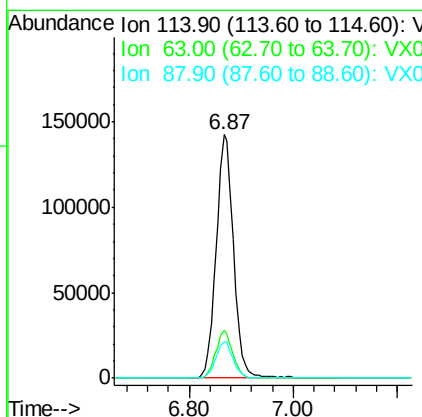
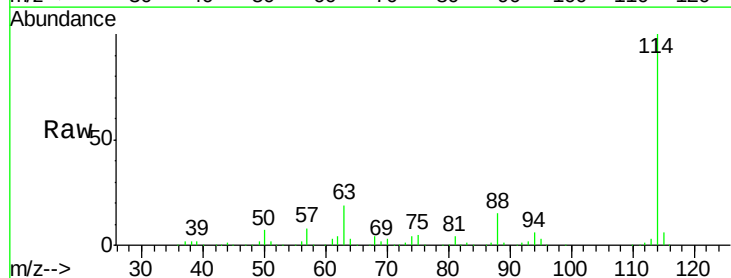
Instrument :
 MSVOA_X
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 ST008MW153-180501

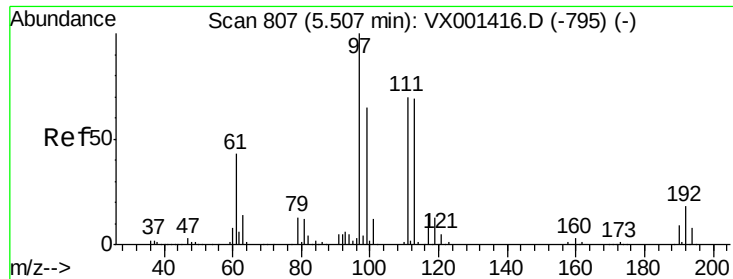
Tot Ion: 65 Resp: 201344
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001644.D
 Acq: 11 May 2018 17:27

Tgt Ion: 114 Resp: 336376
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 14.8 0.0 30.8

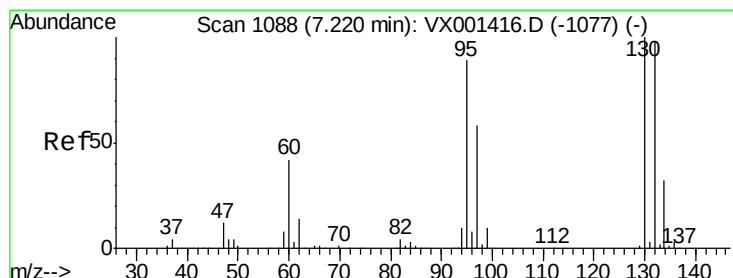
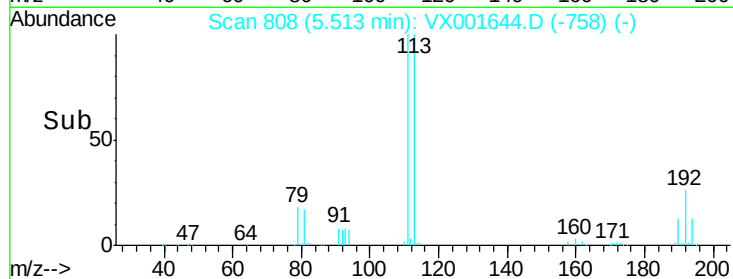
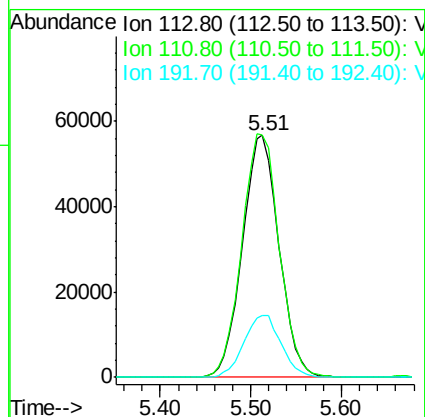
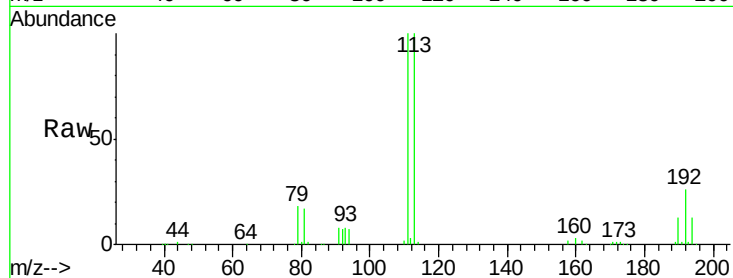




#35
 Dibromofluoromethane
 Concen: 52.80 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001644.D
 Acq: 11 May 2018 17:27

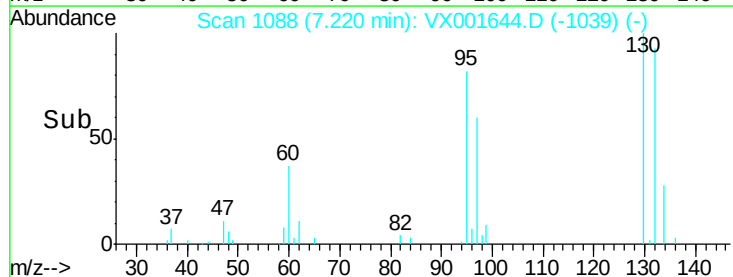
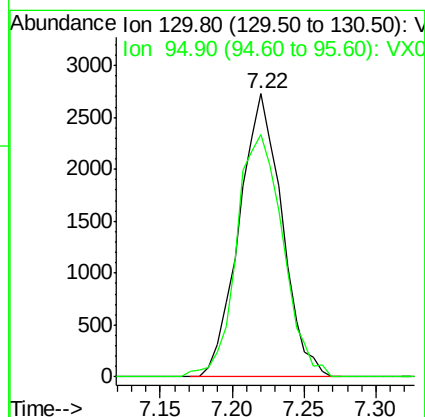
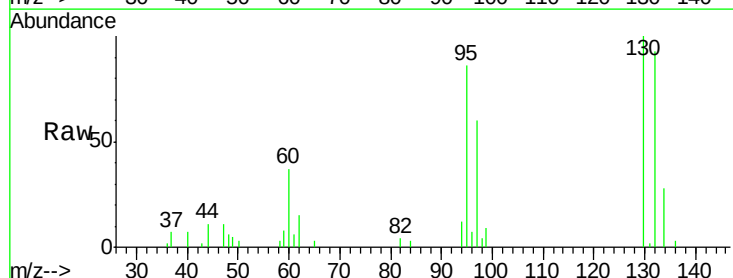
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW153-180501

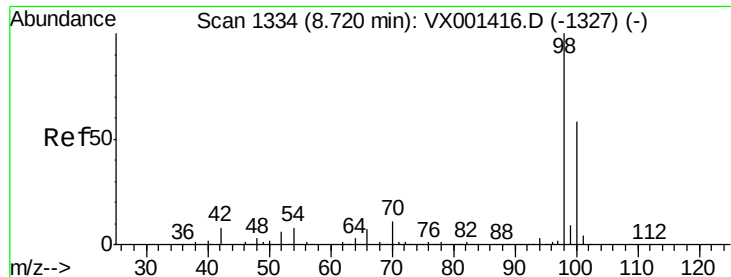
Tot Ion:113 Resp: 157967
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.2
 192 26.1 21.4 32.0



#44
 Trichloroethene
 Concen: 1.47 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001644.D
 Acq: 11 May 2018 17:27

Tgt Ion:130 Resp: 5608
 Ion Ratio Lower Upper
 130 100
 95 85.6 0.0 178.4





#50

Toluene-d8

Concen: 50.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001644.D

Acq: 11 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

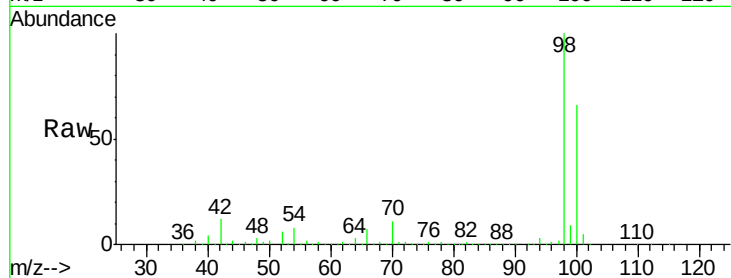
ST008MW153-180501

Tot Ion: 98 Resp: 556107

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

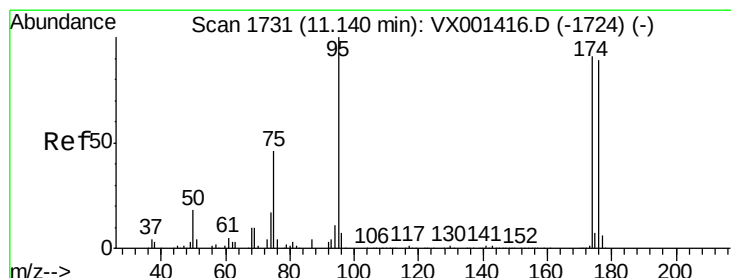
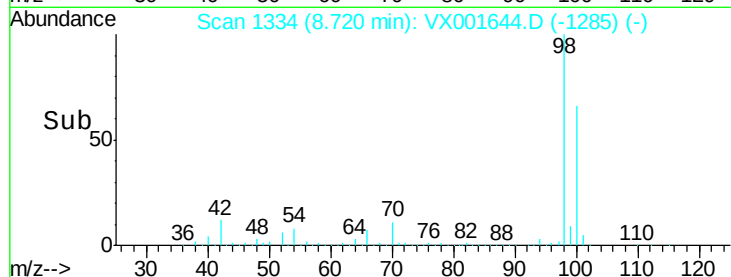
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 43.93 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001644.D

Acq: 11 May 2018 17:27

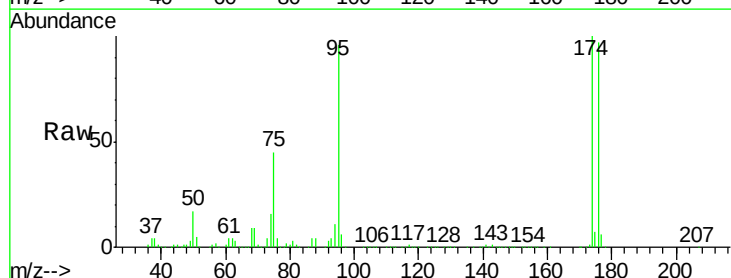
Tgt Ion: 95 Resp: 184169

Ion Ratio Lower Upper

95 100

174 99.4 0.0 202.0

176 97.2 0.0 197.4



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

200000

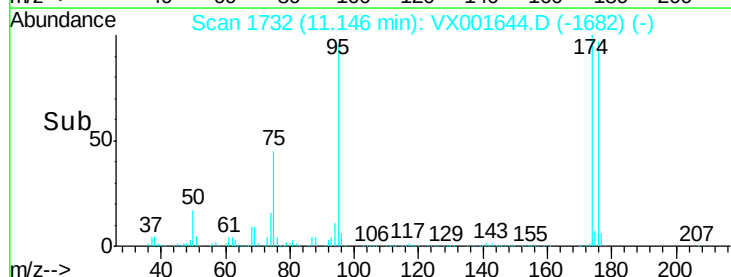
150000

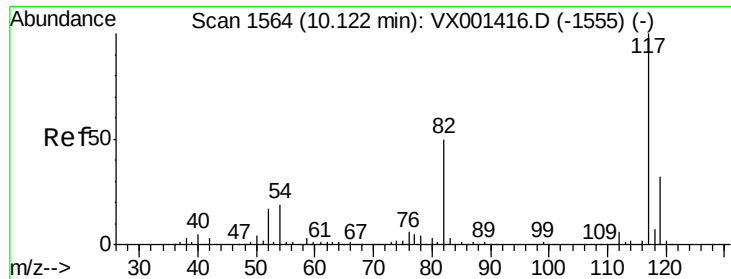
100000

50000

0

Time--> 11.10 11.20

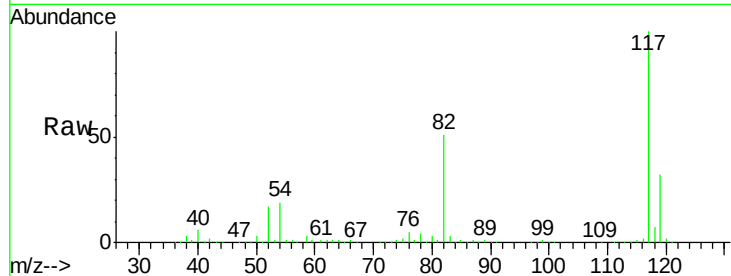




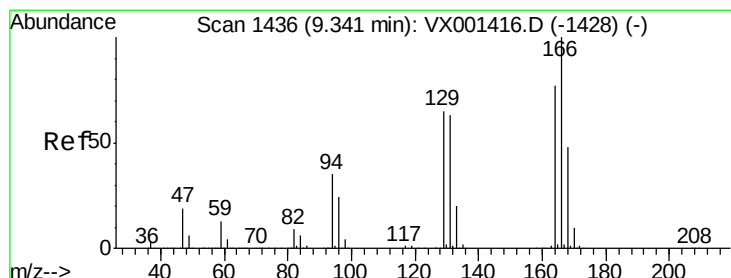
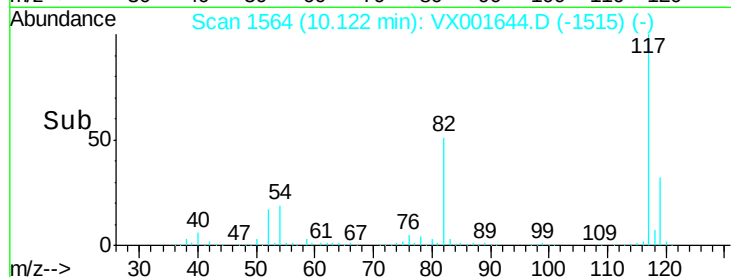
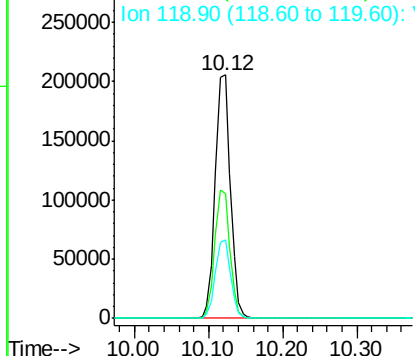
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001644.D
Acq: 11 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
ST008MW153-180501

Tot Ion:117 Resp: 287695
Ion Ratio Lower Upper
117 100
82 51.3 40.0 60.0
119 32.5 25.8 38.8

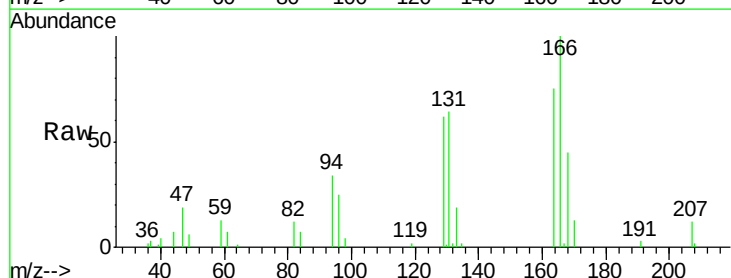


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

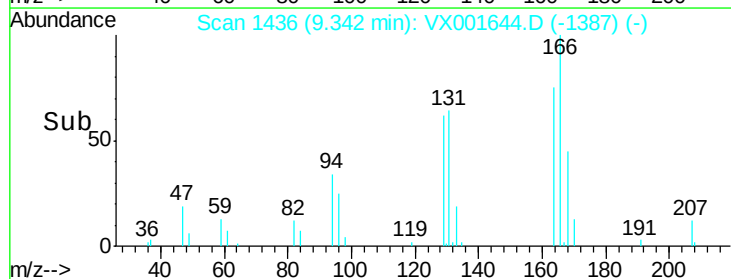
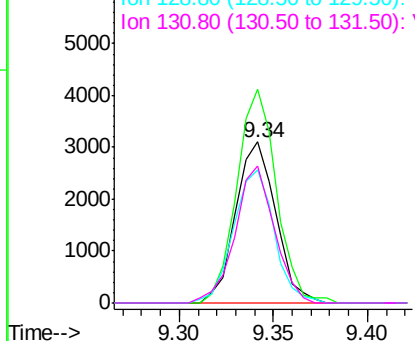


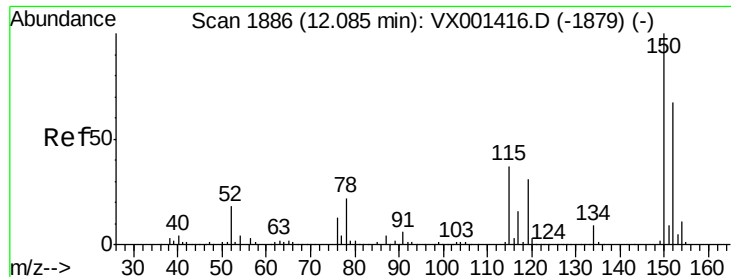
#64
Tetrachloroethene
Concen: 1.14 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001644.D
Acq: 11 May 2018 17:27

Tgt Ion:164 Resp: 4586
Ion Ratio Lower Upper
164 100
166 132.9 103.5 155.3
129 82.4 66.7 100.1
131 85.1 64.9 97.3



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

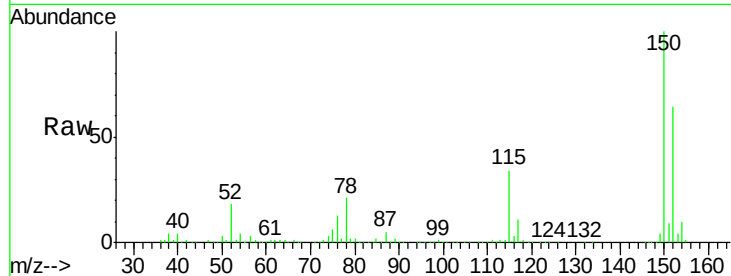




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001644.D
 Acq: 11 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW153-180501

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.4	37.7	113.1
150	155.1	0.0	349.4



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

