

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
 Data File : VX001885.D
 Acq On : 21 May 2018 18:40
 Operator : JC/MD
 Sample : J2988-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW172-180515

Quant Time: May 22 03:23:23 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

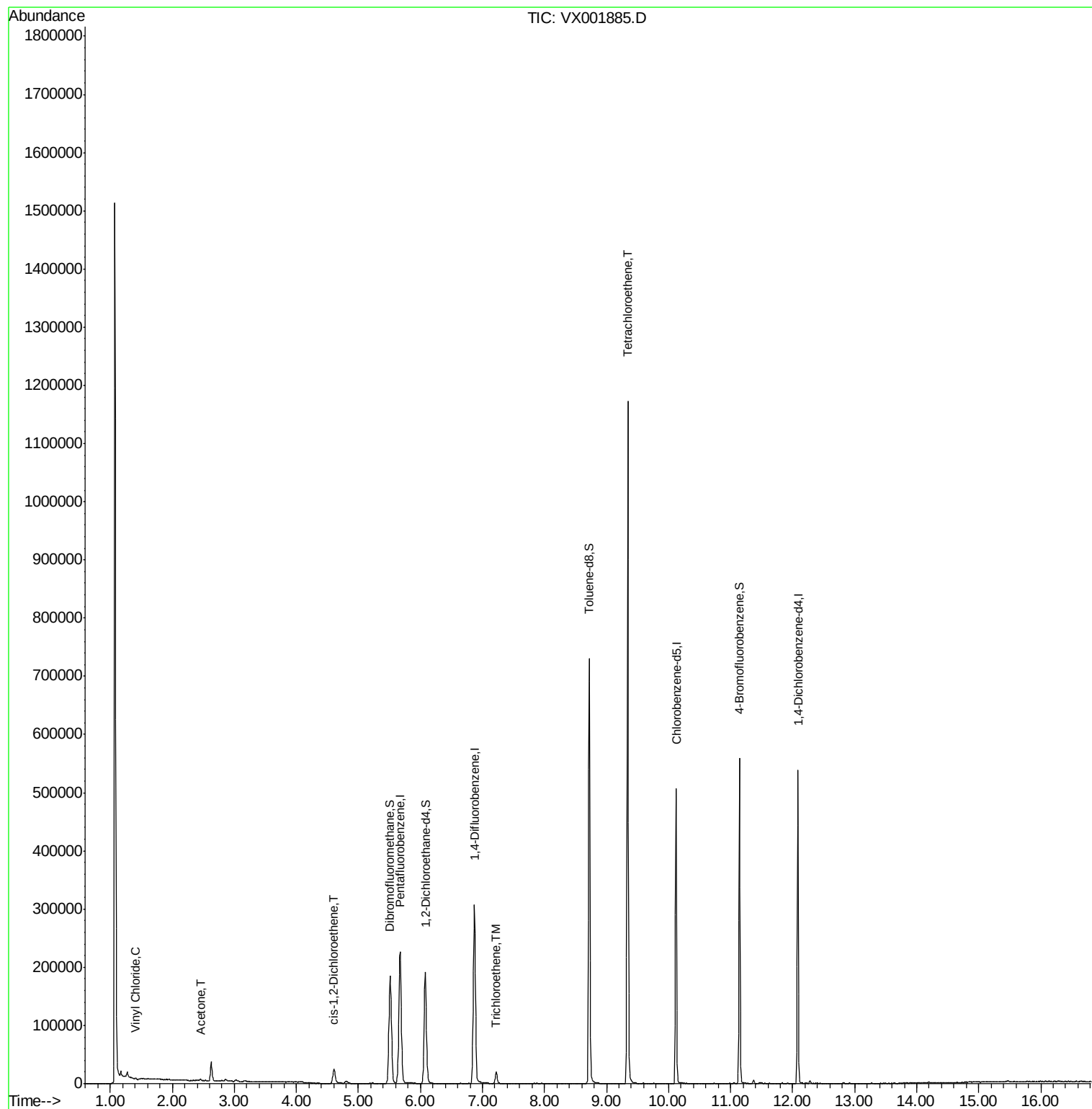
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	250330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	121218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	174218	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
35) Dibromofluoromethane	5.51	113	154690	54.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.84%	
50) Toluene-d8	8.72	98	449071	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
62) 4-Bromofluorobenzene	11.15	95	139240	38.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.66%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1426	0.490	ug/l	98
16) Acetone	2.46	43	3137	2.398	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	15929	5.174	ug/l	97
44) Trichloroethene	7.22	130	8736	2.486	ug/l	91
64) Tetrachloroethene	9.34	164	252517	77.489	ug/l	98

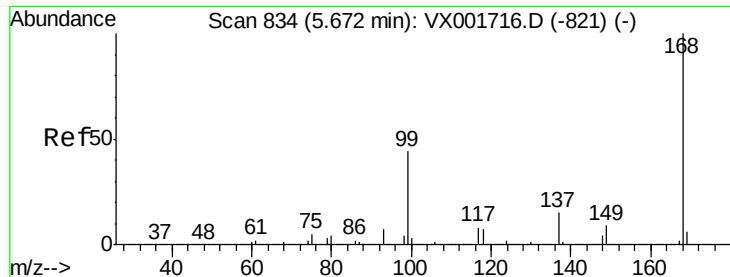
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001885.D

Acq: 21 May 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

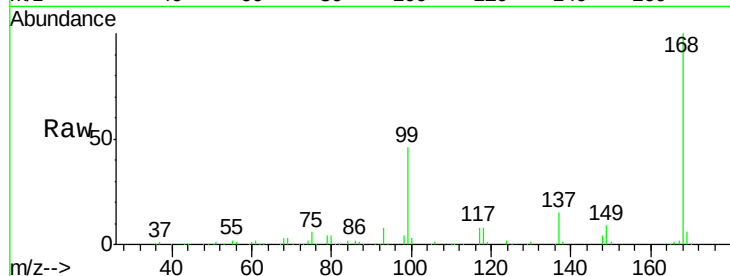
ST008MW172-180515

Tot Ion:168 Resp: 248482

Ion Ratio Lower Upper

168 100

99 45.6 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

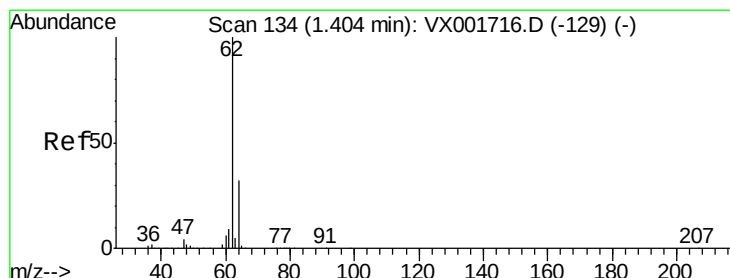
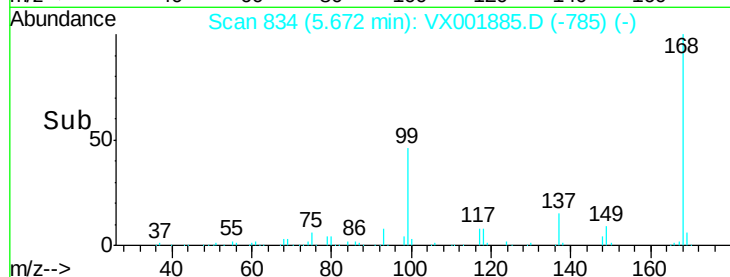
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.490 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001885.D

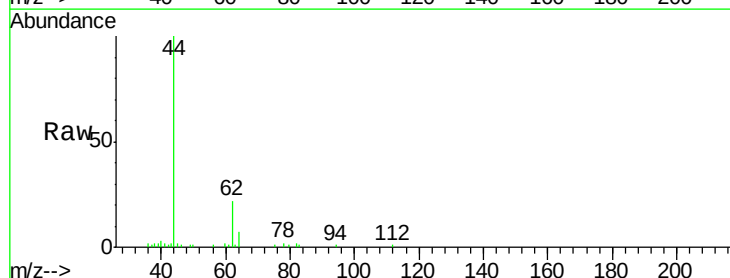
Acq: 21 May 2018 18:40

Tgt Ion: 62 Resp: 1426

Ion Ratio Lower Upper

62 100

64 33.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

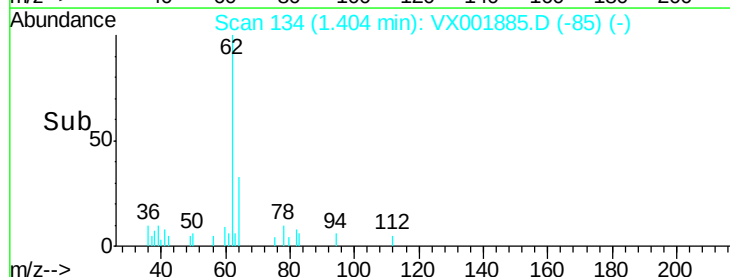
1500

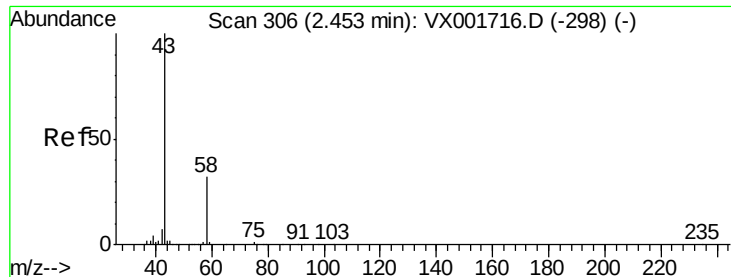
1000

500

0

Time--> 1.40 1.45





#16

Acetone

Concen: 2.398 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001885.D

Acq: 21 May 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

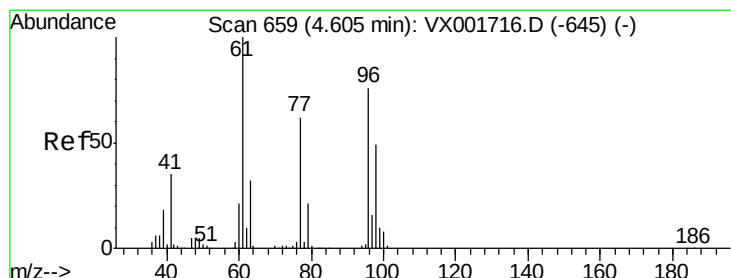
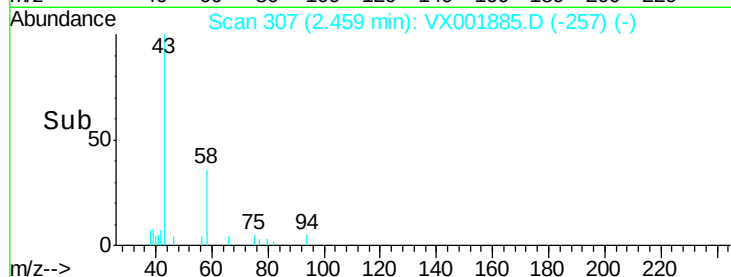
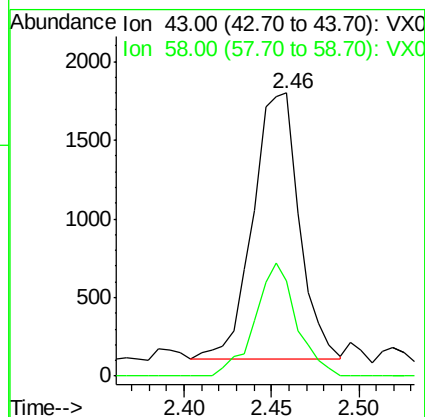
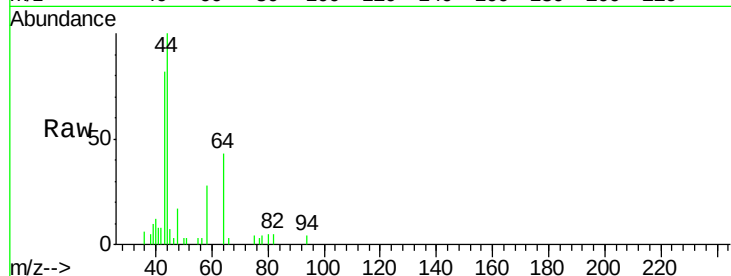
ST008MW172-180515

Tot Ion: 43 Resp: 3137

Ion Ratio Lower Upper

43 100

58 35.8 25.3 37.9



#27

cis-1,2-Dichloroethene

Concen: 5.174 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001885.D

Acq: 21 May 2018 18:40

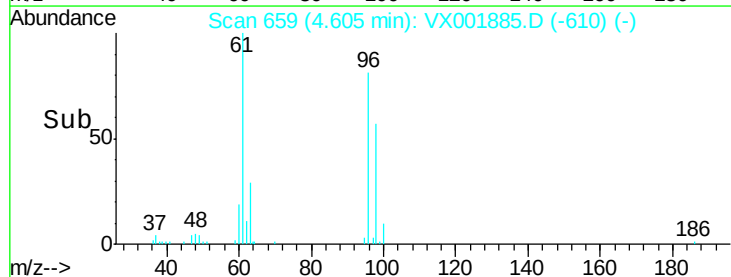
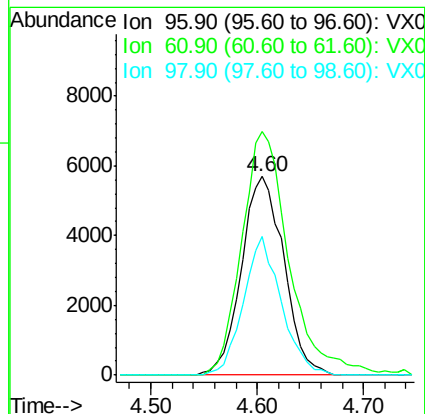
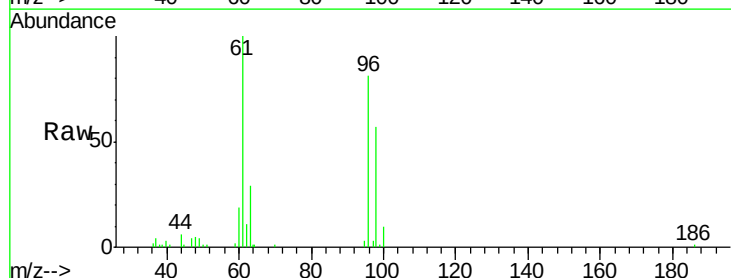
Tgt Ion: 96 Resp: 15929

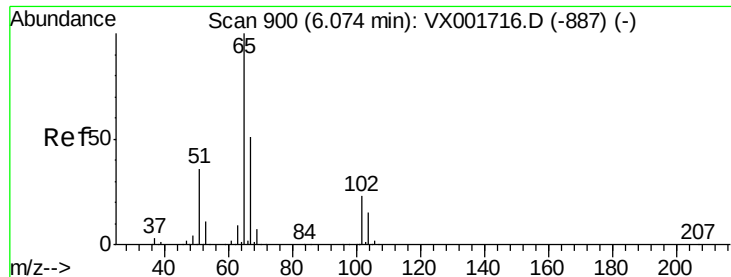
Ion Ratio Lower Upper

96 100

61 136.5 0.0 280.4

98 62.2 0.0 128.4

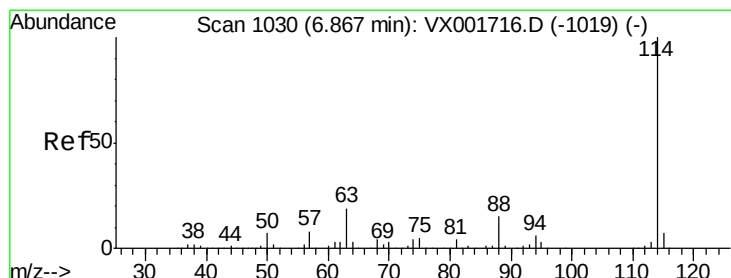
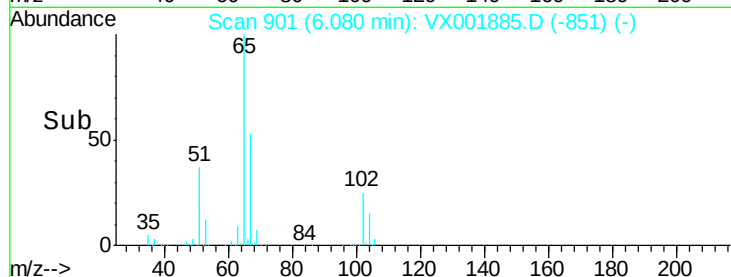
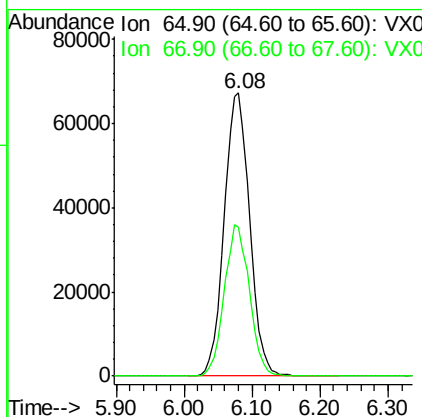
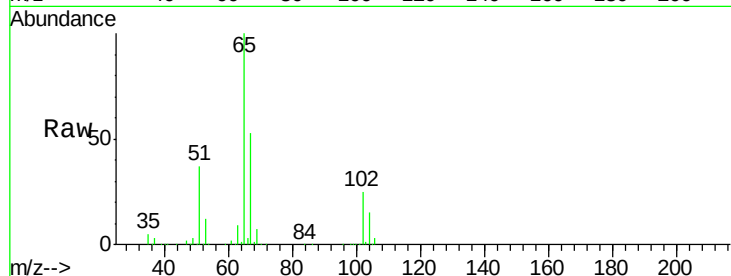




#33
 1,2-Dichloroethane-d4
 Concen: 52.308 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001885.D
 Acq: 21 May 2018 18:40

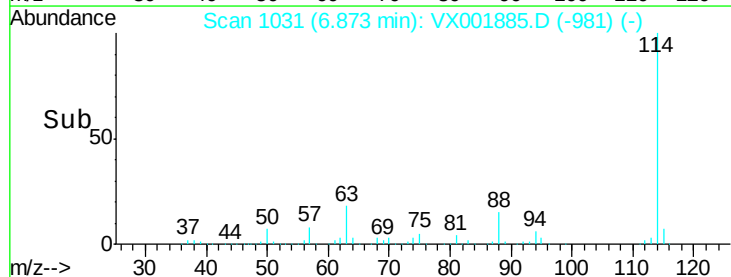
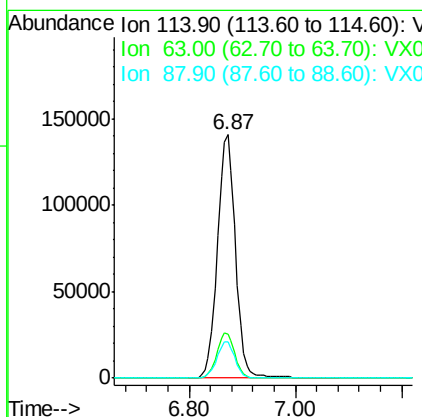
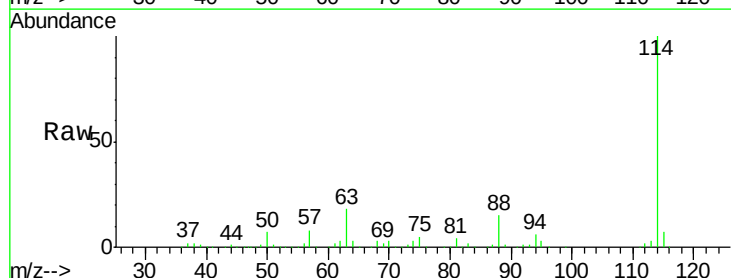
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW172-180515

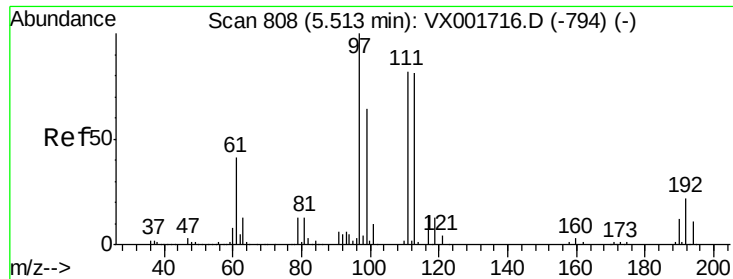
Tot Ion: 65 Resp: 174218
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001885.D
 Acq: 21 May 2018 18:40

Tgt Ion: 114 Resp: 333773
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.0
 88 15.1 0.0 29.8

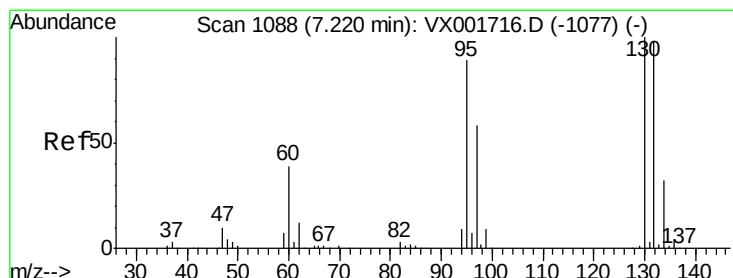
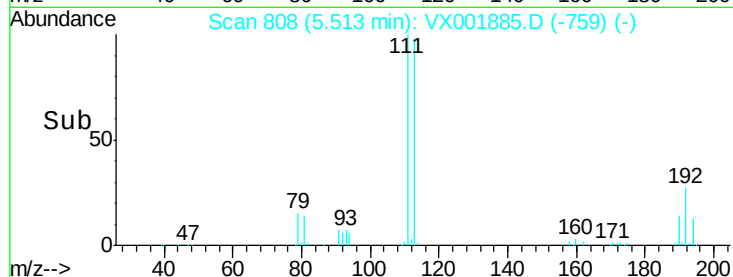
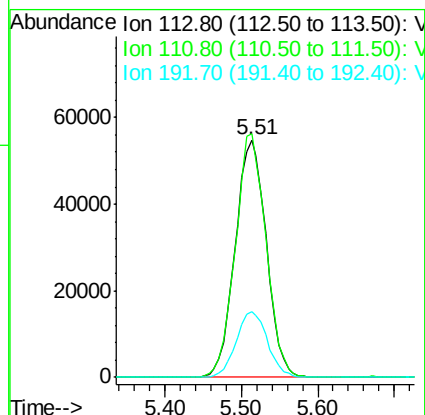
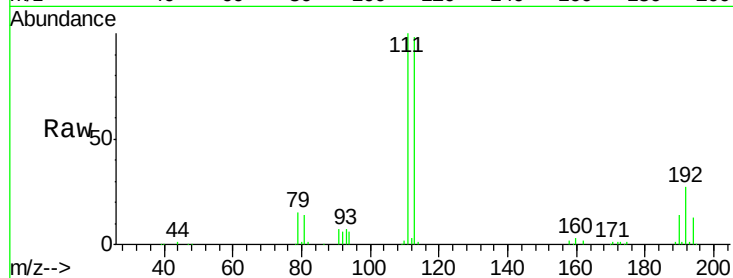




#35
 Dibromofluoromethane
 Concen: 54.918 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001885.D
 Acq: 21 May 2018 18:40

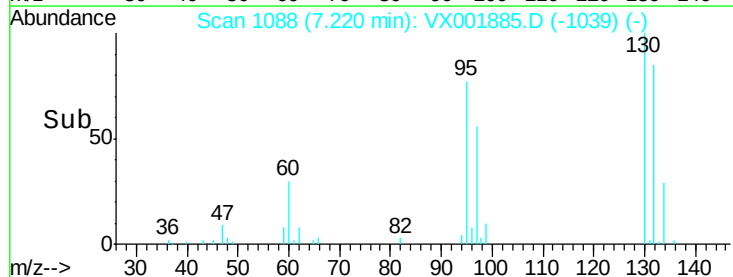
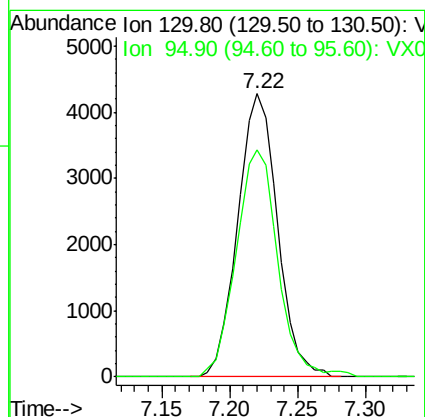
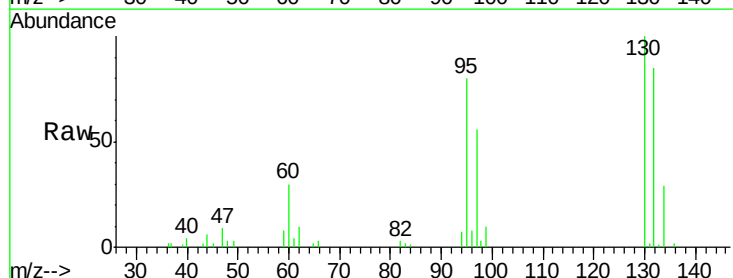
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW172-180515

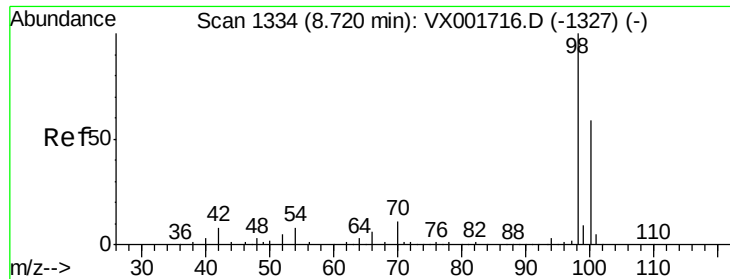
Tot Ion:113 Resp: 154690
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.0 123.0
 192 27.7 21.6 32.4



#44
 Trichloroethene
 Concen: 2.486 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001885.D
 Acq: 21 May 2018 18:40

Tgt Ion:130 Resp: 8736
 Ion Ratio Lower Upper
 130 100
 95 80.4 0.0 177.2





#50

Toluene-d8

Concen: 44.515 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001885.D

Acq: 21 May 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

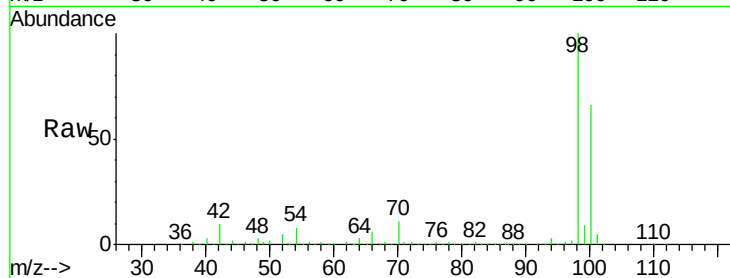
ST008MW172-180515

Tot Ion: 98 Resp: 449071

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): VX

8.72

300000

250000

200000

150000

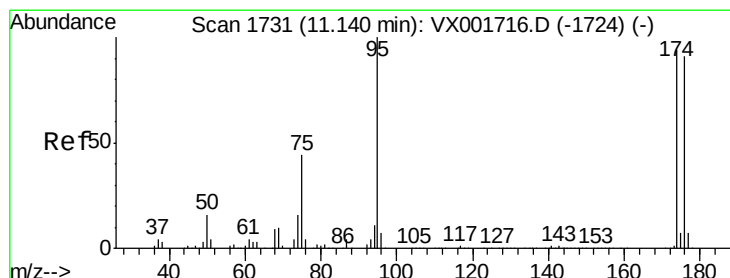
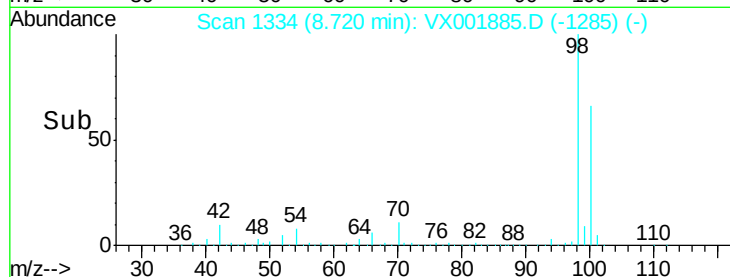
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 38.334 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001885.D

Acq: 21 May 2018 18:40

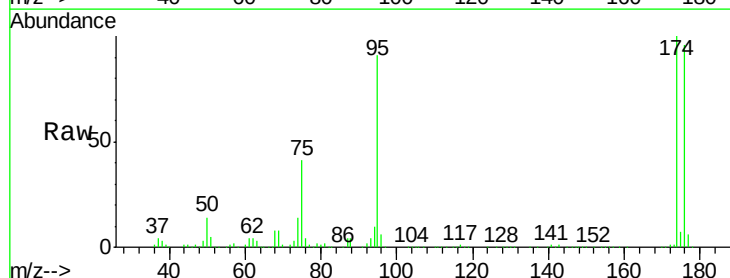
Tgt Ion: 95 Resp: 139240

Ion Ratio Lower Upper

95 100

174 105.7 0.0 201.8

176 101.3 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

150000

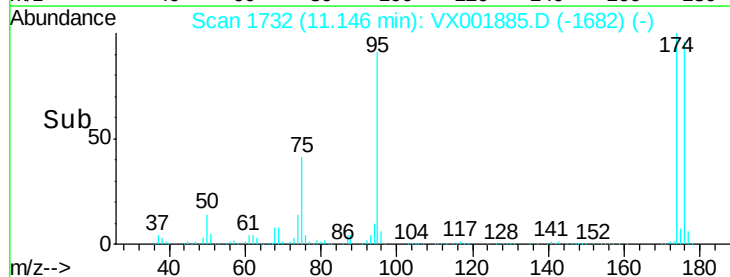
100000

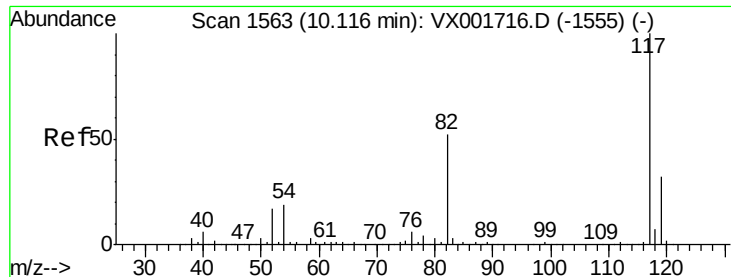
50000

0

11.10 11.20

Time-->

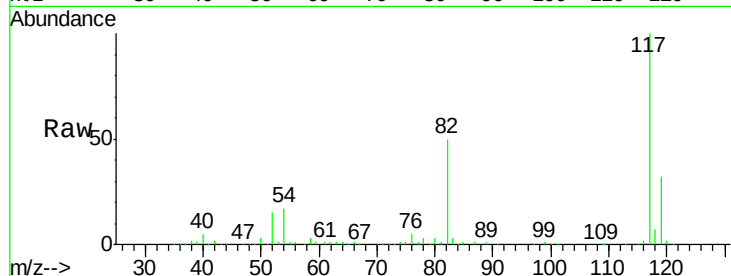




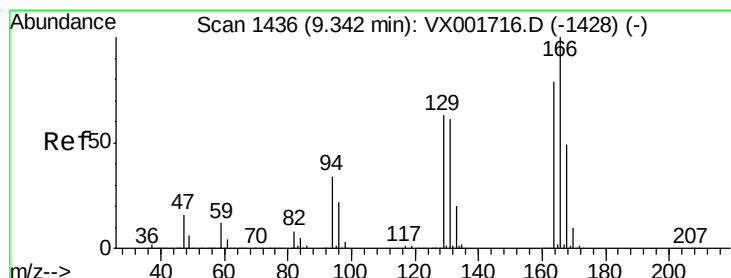
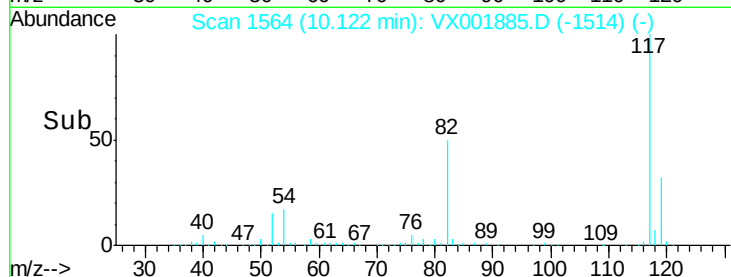
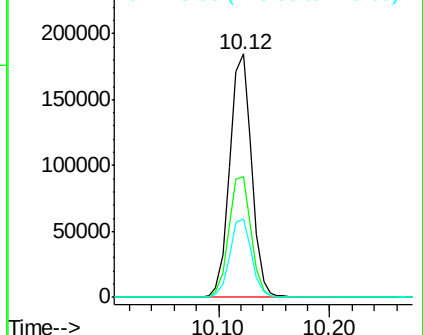
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001885.D
Acq: 21 May 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
ST008MW172-180515

Tot Ion:117 Resp: 250330
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 32.1 25.6 38.4



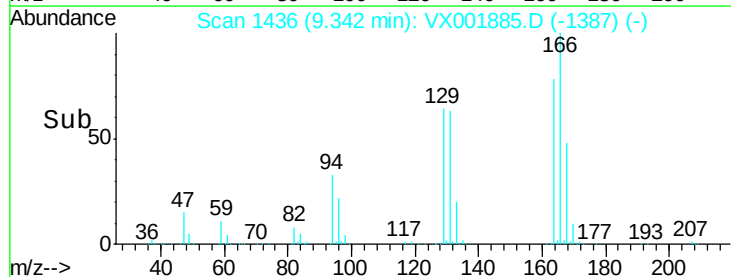
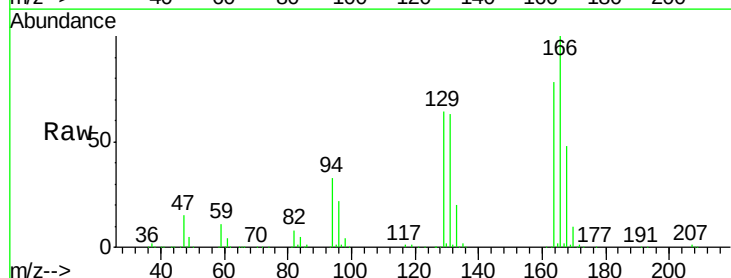
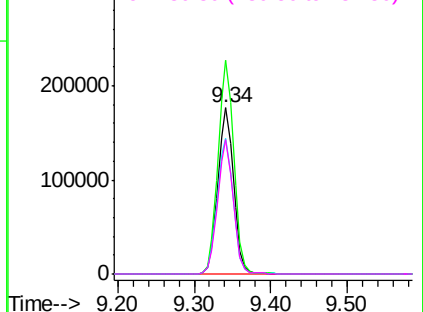
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

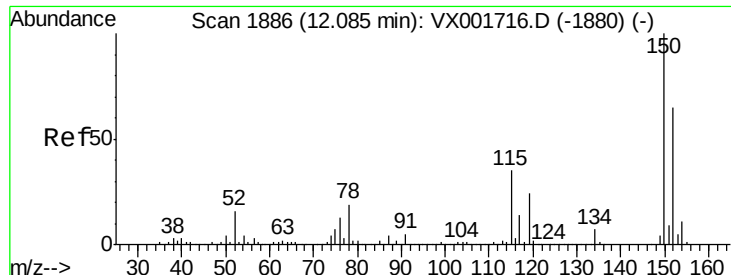


#64
Tetrachloroethene
Concen: 77.489 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001885.D
Acq: 21 May 2018 18:40

Tgt Ion:164 Resp: 252517
Ion Ratio Lower Upper
164 100
166 128.8 101.8 152.8
129 82.1 63.8 95.6
131 81.2 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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001885.D

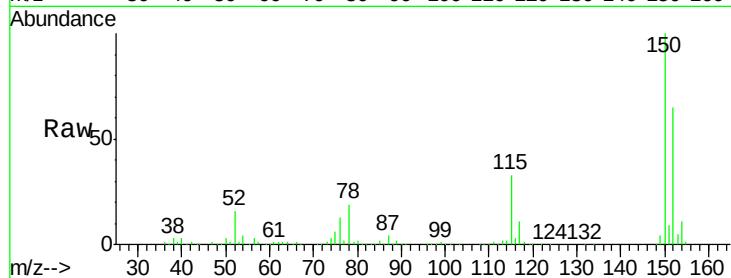
Acq: 21 May 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

ST008MW172-180515



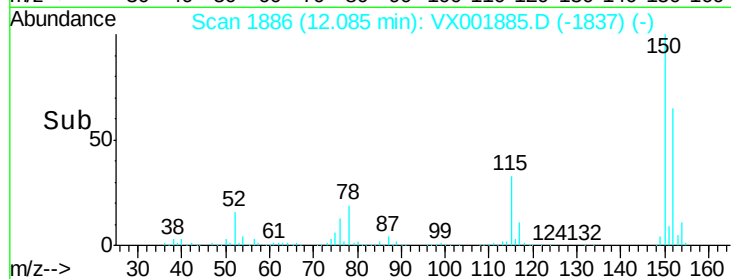
Tot Ion:152 Resp: 121218

Ion Ratio Lower Upper

152 100

115 51.4 37.4 112.2

150 155.9 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

