

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001896.D
 Acq On : 22 May 2018 16:30
 Operator : JC/MD
 Sample : J2988-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW172-180515

Quant Time: May 23 08:11:55 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

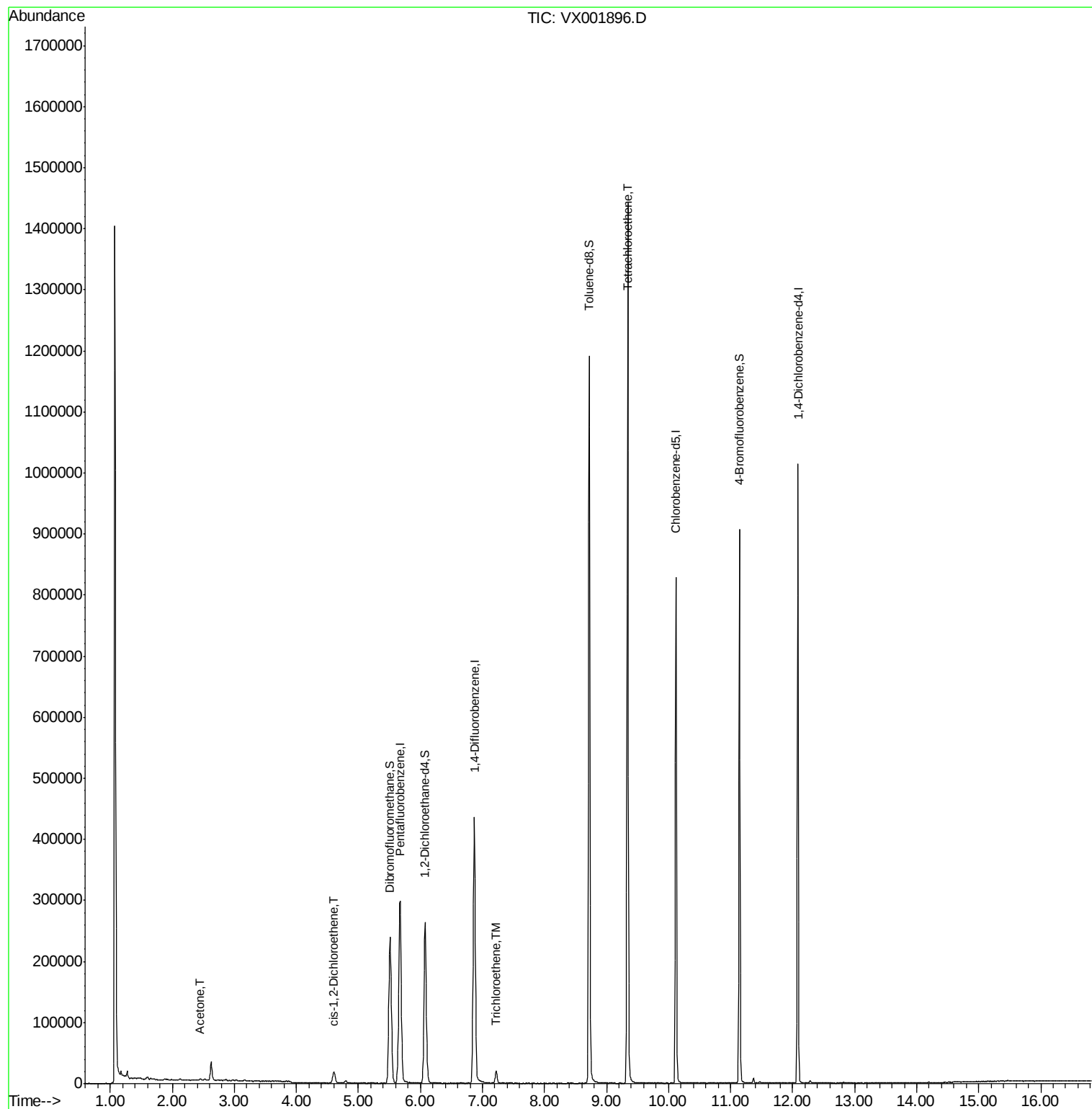
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	448273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	248361	58.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.16%	
35) Dibromofluoromethane	5.51	113	198315	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
50) Toluene-d8	8.72	98	699183	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.14	95	227019	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
16) Acetone	2.45	43	2607	1.55	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	12273	3.10	ug/l	98
44) Trichloroethene	7.22	130	8339	1.77	ug/l	100
64) Tetrachloroethene	9.34	164	309602	59.35	ug/l	98

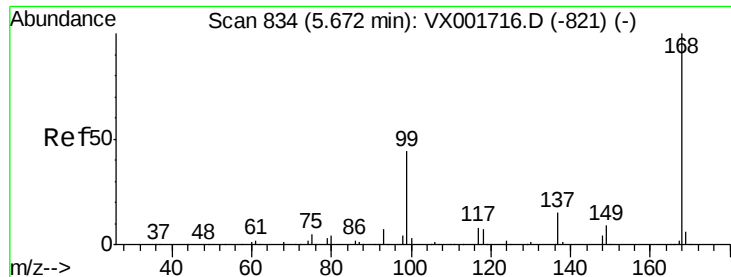
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001896.D

Acq: 22 May 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

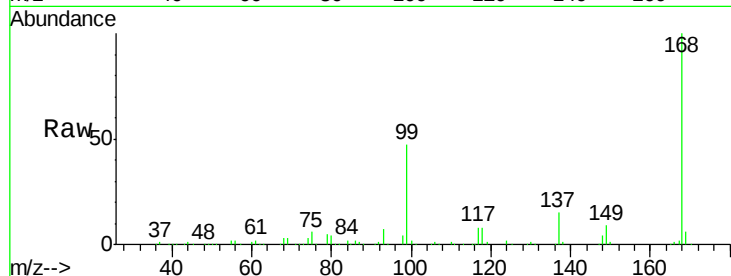
ST008MW172-180515

Tot Ion:168 Resp: 319026

Ion Ratio Lower Upper

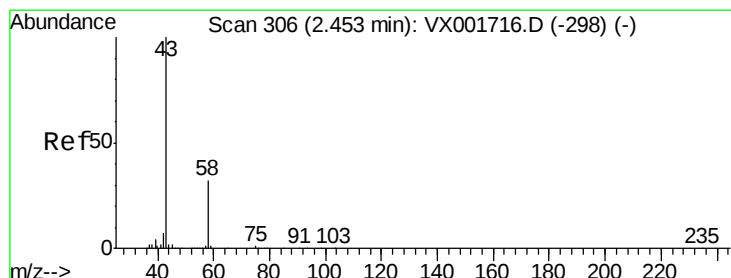
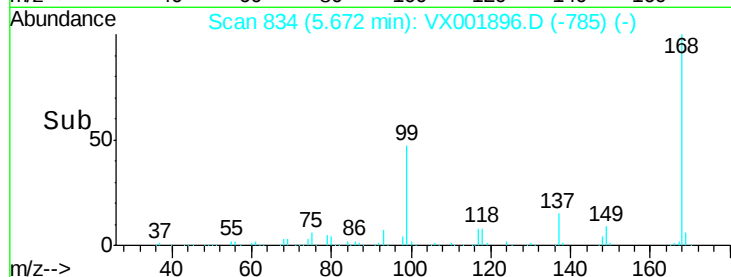
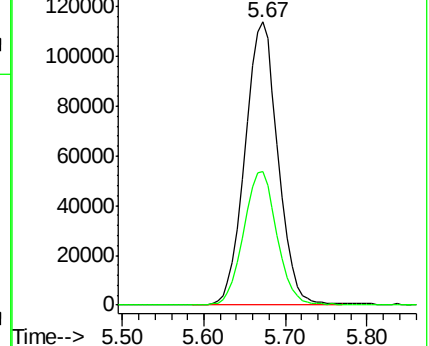
168 100

99 47.4 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.55 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001896.D

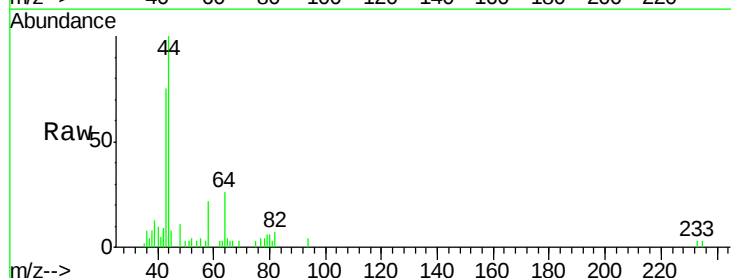
Acq: 22 May 2018 16:30

Tgt Ion: 43 Resp: 2607

Ion Ratio Lower Upper

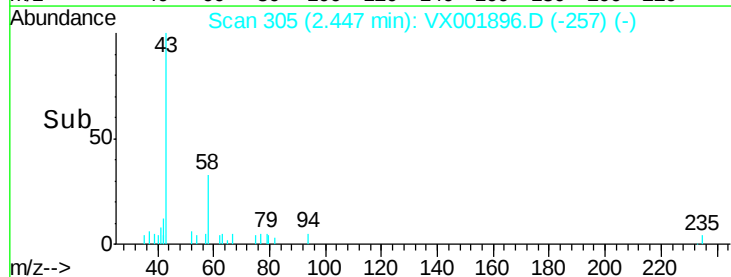
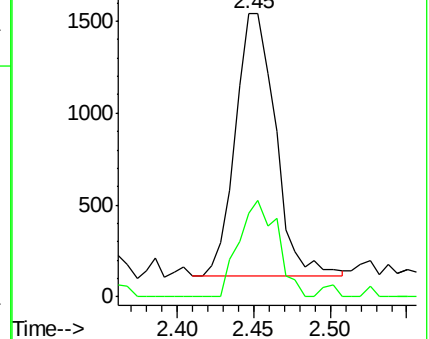
43 100

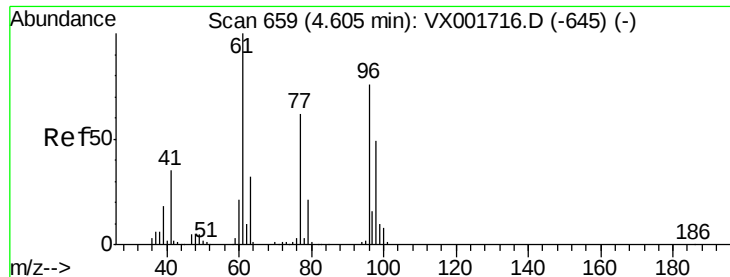
58 31.9 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 3.10 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001896.D

Acq: 22 May 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

ST008MW172-180515

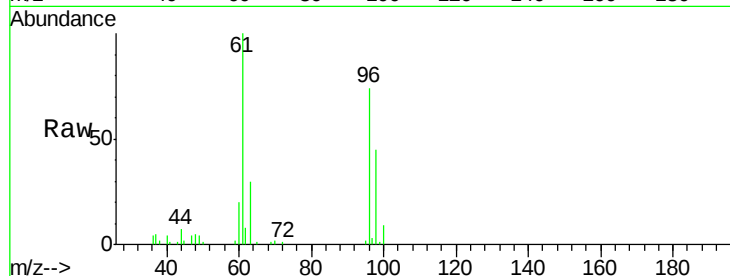
Tot Ion: 96 Resp: 12273

Ion Ratio Lower Upper

96 100

61 143.5 0.0 280.4

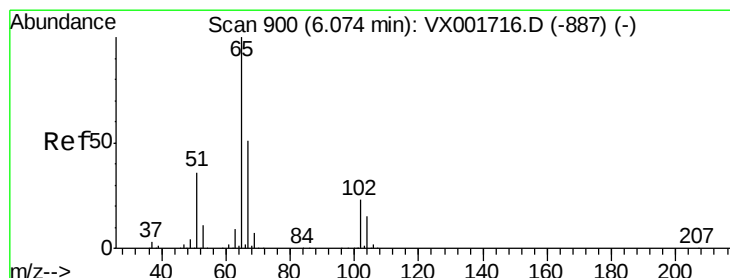
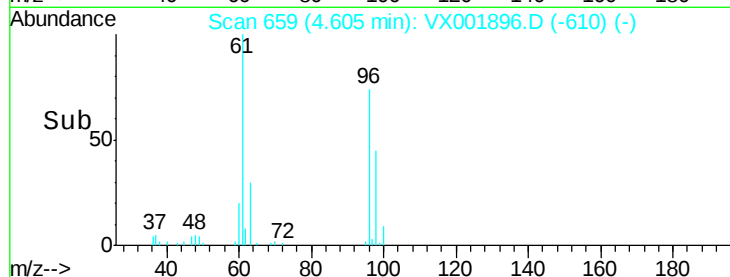
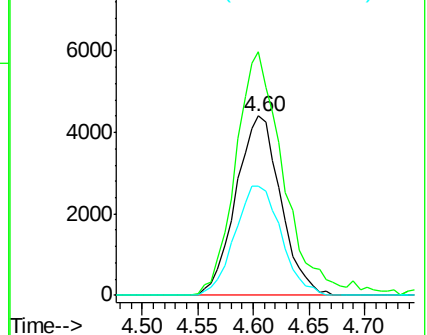
98 62.9 0.0 128.4



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: 58.08 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001896.D

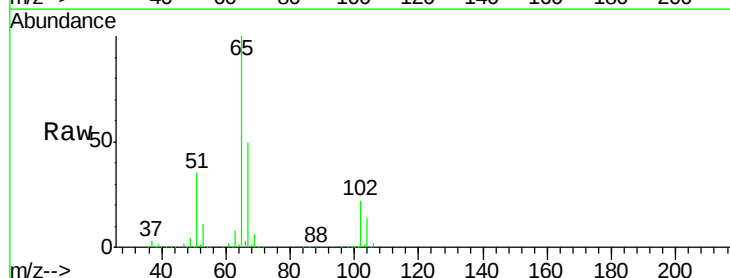
Acq: 22 May 2018 16:30

Tgt Ion: 65 Resp: 248361

Ion Ratio Lower Upper

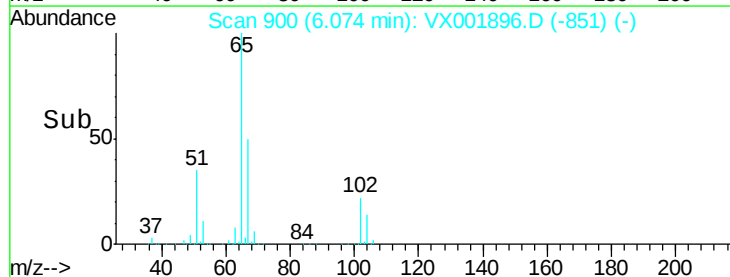
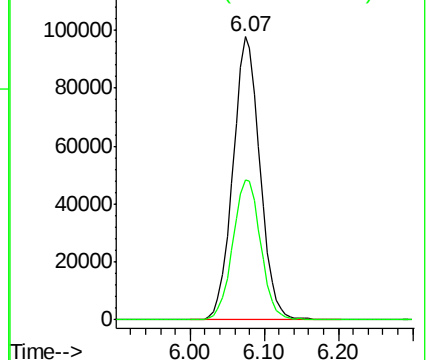
65 100

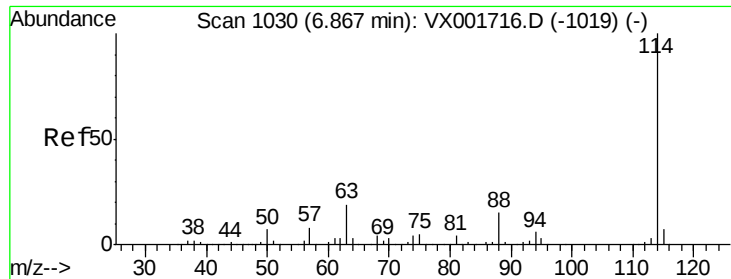
67 51.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

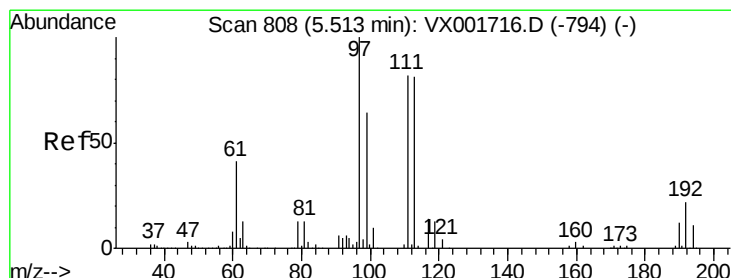
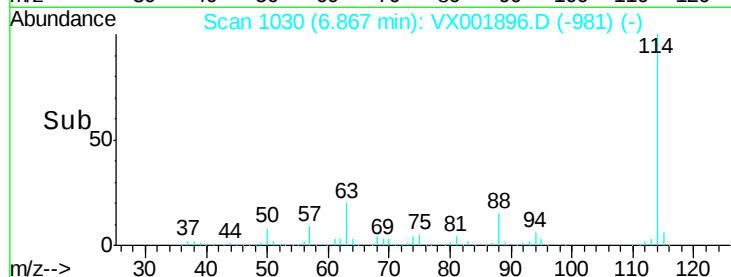
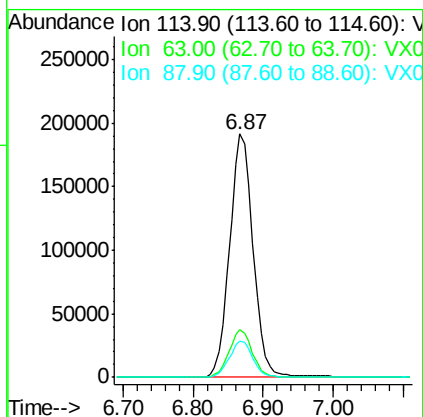
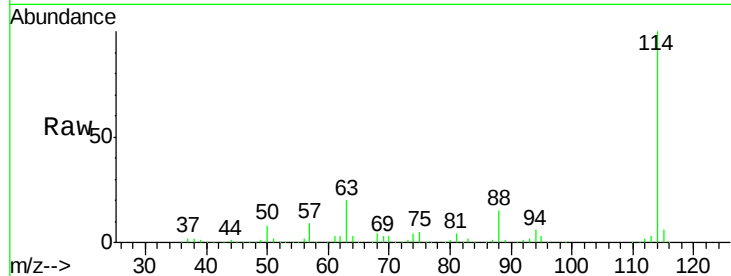




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001896.D
 Acq: 22 May 2018 16:30

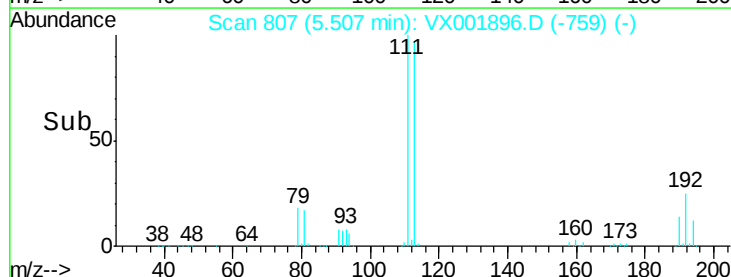
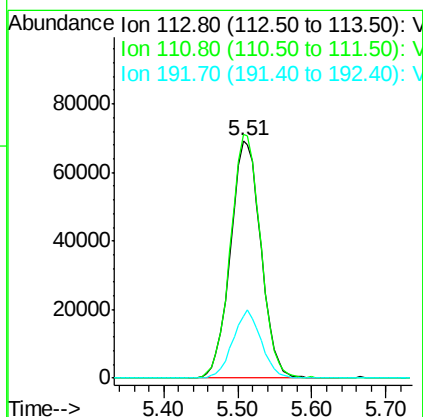
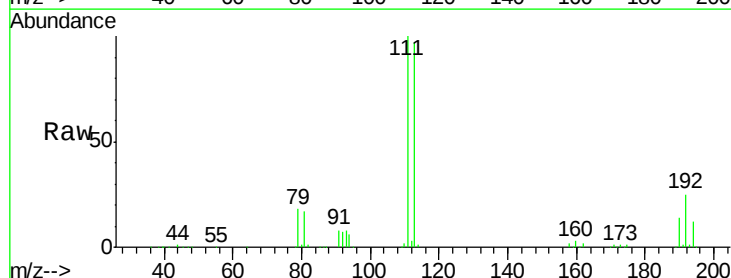
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW172-180515

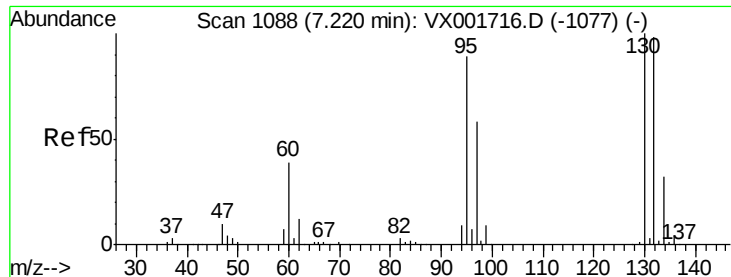
Tot Ion:114 Resp: 448273
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.0
 88 14.9 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 52.42 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001896.D
 Acq: 22 May 2018 16:30

Tgt Ion:113 Resp: 198315
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.0 123.0
 192 26.7 21.6 32.4





#44

Trichloroethene

Concen: 1.77 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001896.D

Acq: 22 May 2018 16:30

Instrument :

MSVOA_X

ClientSampleId :

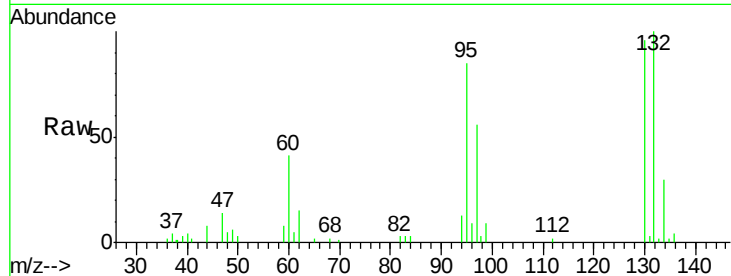
ST008MW172-180515

Tot Ion:130 Resp: 8339

Ion Ratio Lower Upper

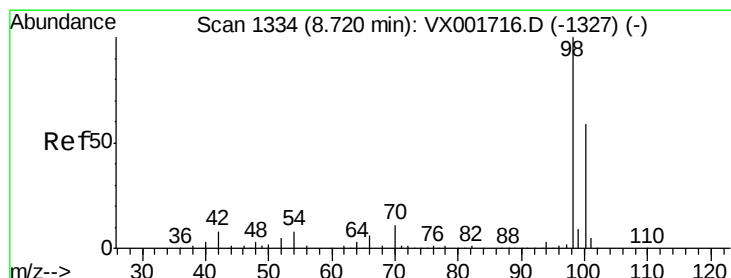
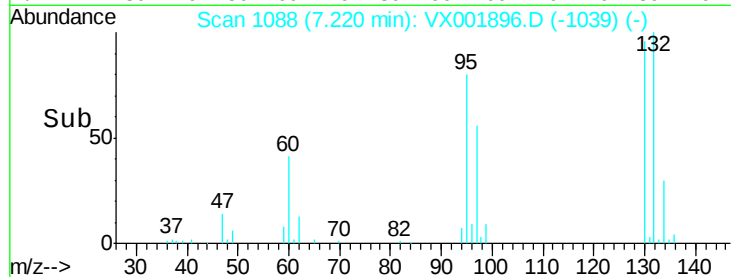
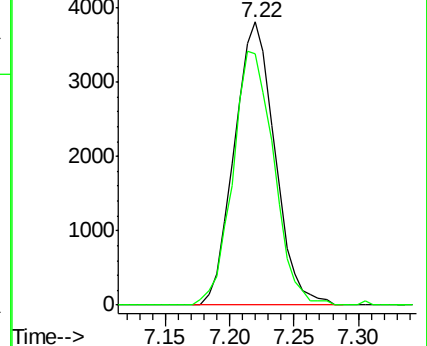
130 100

95 88.7 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.60 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001896.D

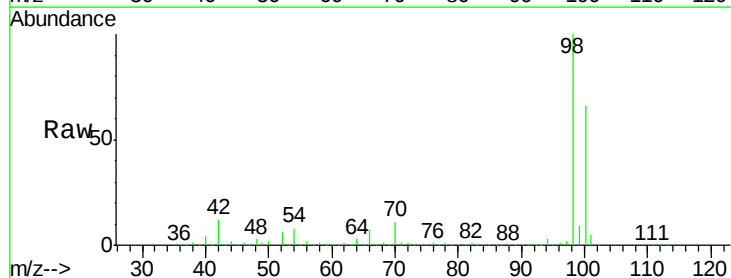
Acq: 22 May 2018 16:30

Tgt Ion: 98 Resp: 699183

Ion Ratio Lower Upper

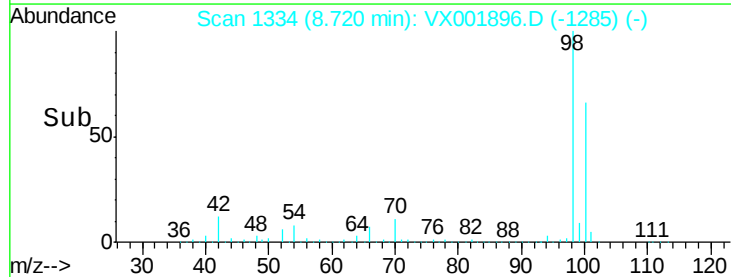
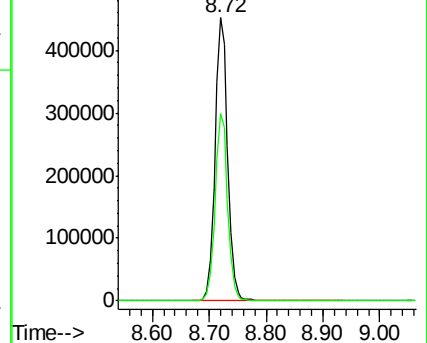
98 100

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): VX0

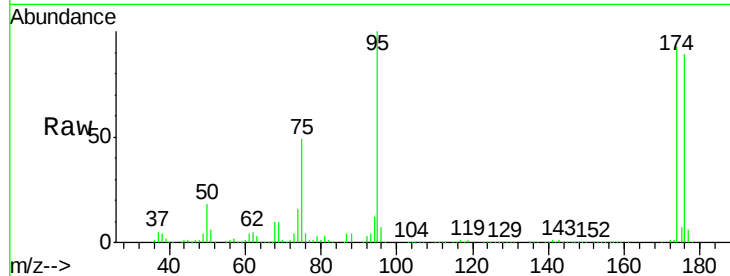




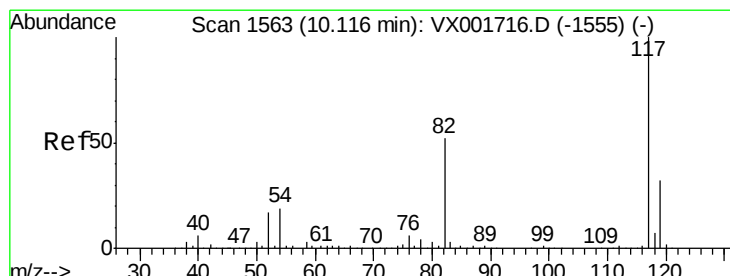
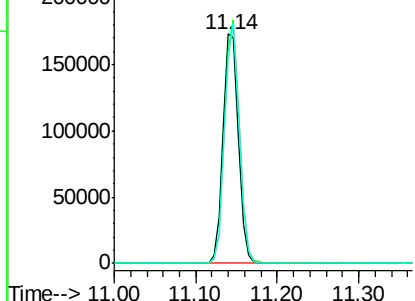
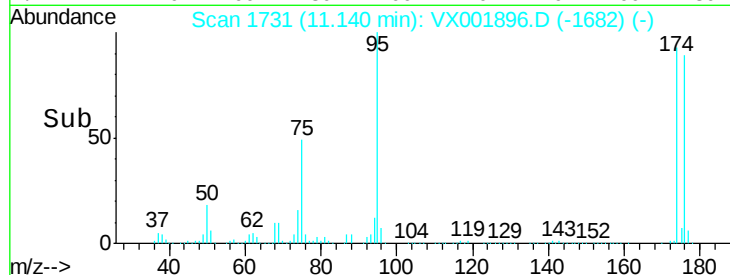
#62
4-Bromofluorobenzene
Concen: 46.54 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001896.D
Acq: 22 May 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
ST008MW172-180515

Tot Ion: 95 Resp: 227019
Ion Ratio Lower Upper
95 100
174 101.8 0.0 201.8
176 98.9 0.0 196.8

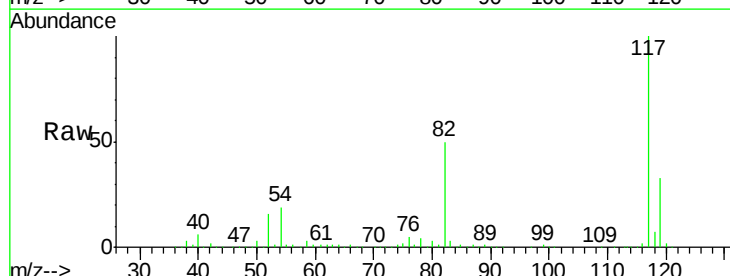


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

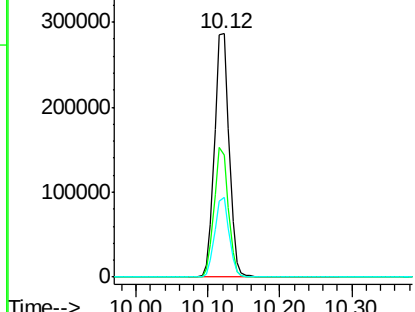
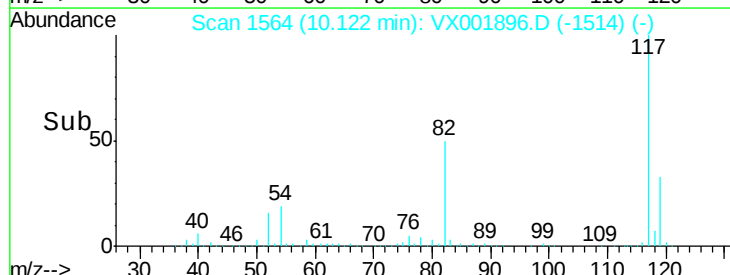


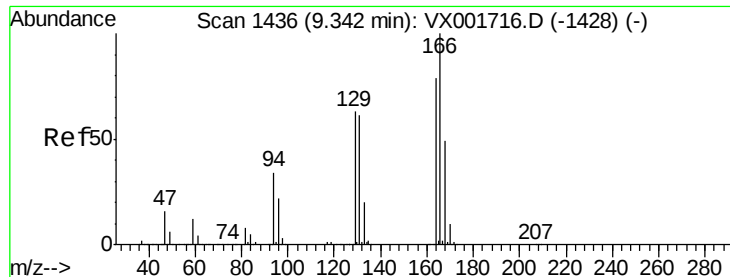
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001896.D
Acq: 22 May 2018 16:30

Tgt Ion: 117 Resp: 400744
Ion Ratio Lower Upper
117 100
82 50.0 41.4 62.2
119 32.7 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

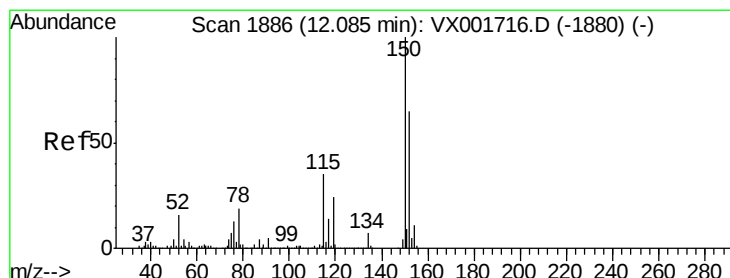
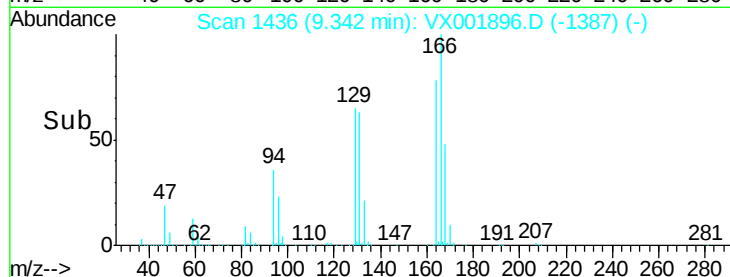
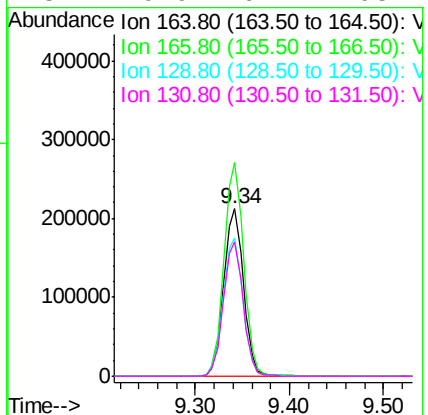
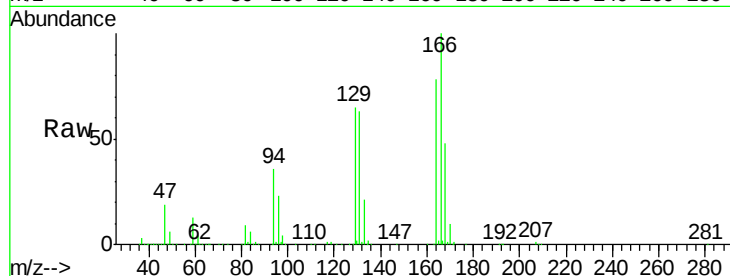




#64
Tetrachloroethene
Concen: 59.35 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001896.D
Acq: 22 May 2018 16:30

Instrument :
MSVOA_X
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ST008MW172-180515

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.4	101.8	152.8
129	82.3	63.8	95.6
131	79.9	62.2	93.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001896.D
Acq: 22 May 2018 16:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.8	37.4	112.2
150	155.4	0.0	344.8

