

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001795.D
 Acq On : 17 May 2018 17:20
 Operator : JC/MD
 Sample : J2853-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508

Quant Time: May 18 04:42:46 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

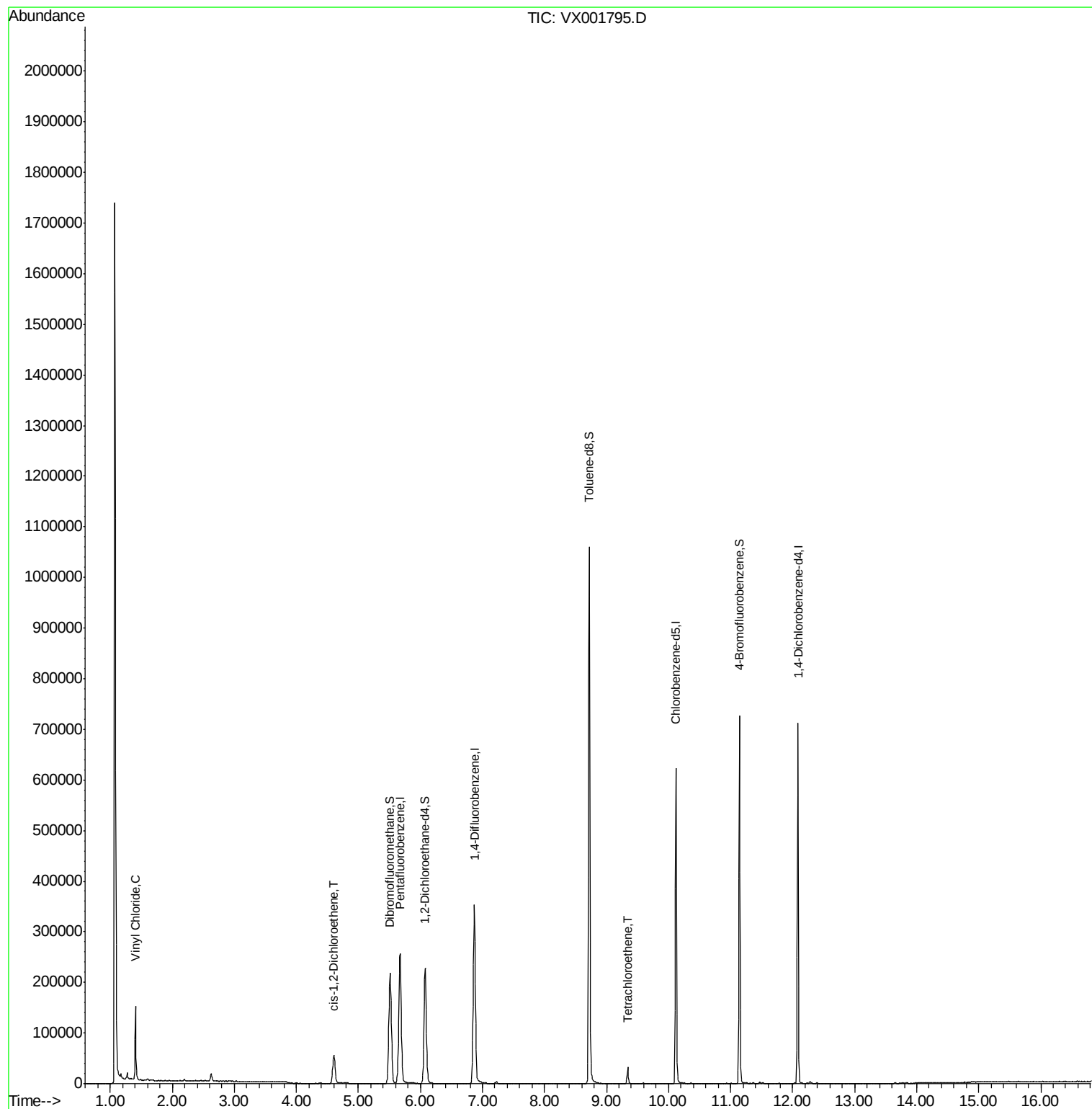
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	214148	57.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.52%	
35) Dibromofluoromethane	5.51	113	182809	57.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.42%	
50) Toluene-d8	8.72	98	635915	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
62) 4-Bromofluorobenzene	11.14	95	183257	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.94%	
Target Compounds						
4) Vinyl Chloride	1.40	62	92102	28.16	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	37029	10.71	ug/l	91
64) Tetrachloroethene	9.34	164	7262	1.84	ug/l	96

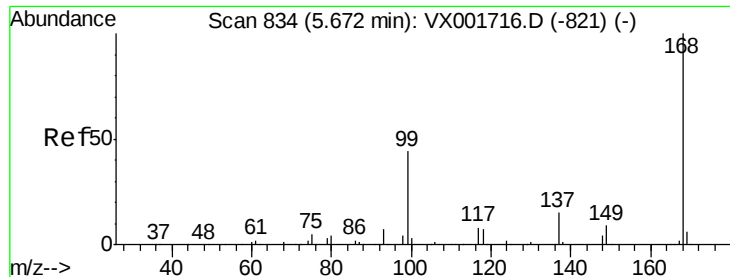
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001795.D

Acq: 17 May 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

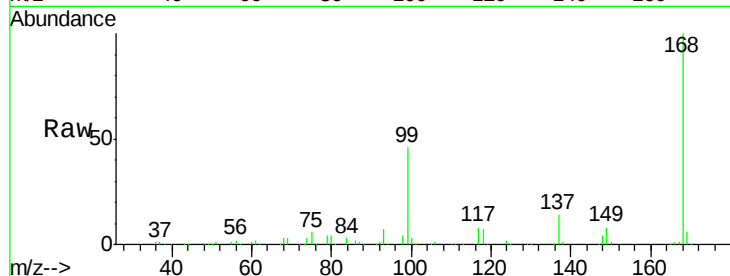
ST008MW157-180508

Tot Ion:168 Resp: 279040

Ion Ratio Lower Upper

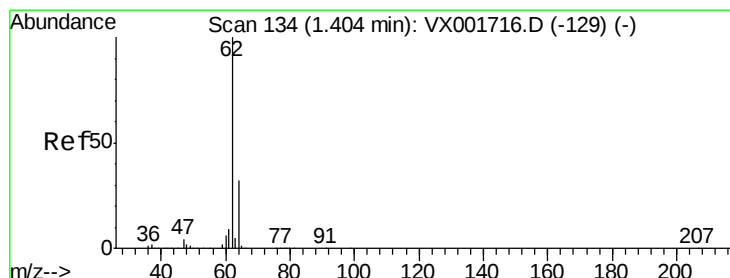
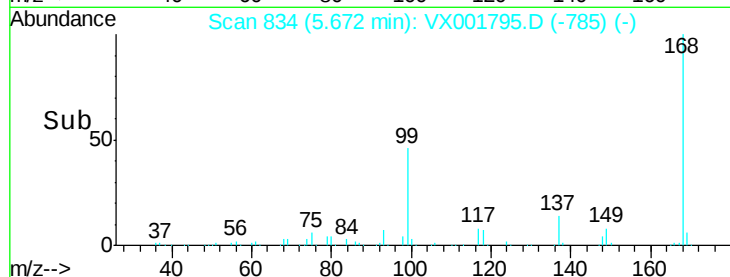
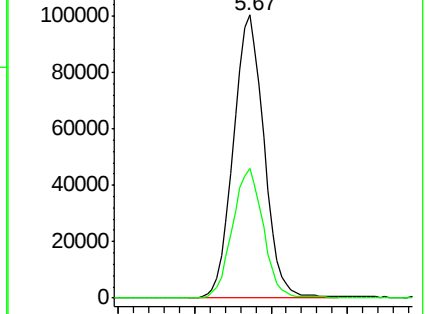
168 100

99 45.7 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 28.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001795.D

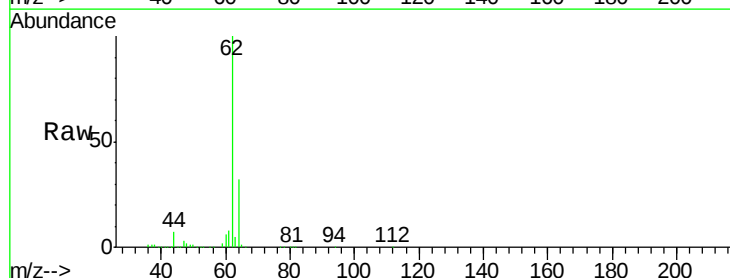
Acq: 17 May 2018 17:20

Tgt Ion: 62 Resp: 92102

Ion Ratio Lower Upper

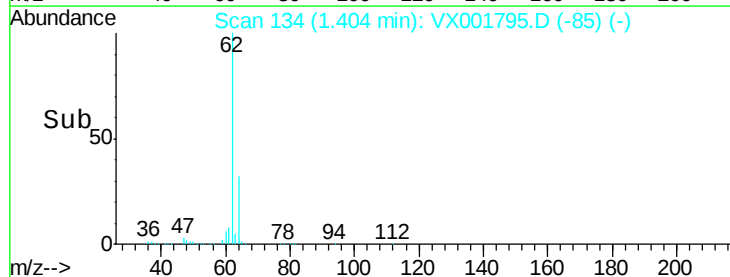
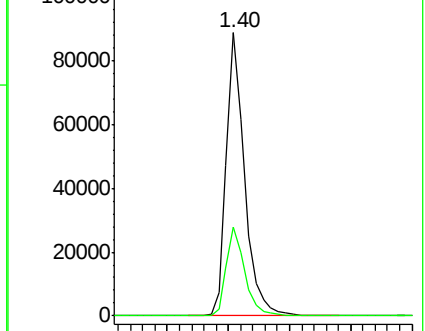
62 100

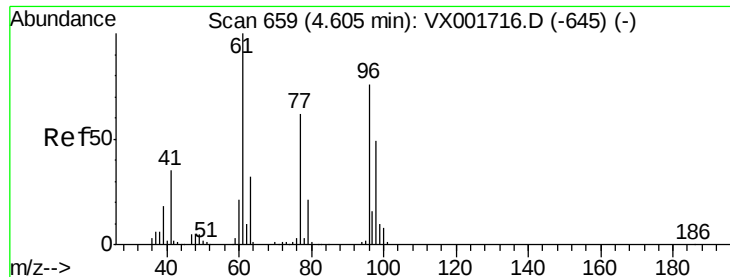
64 31.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



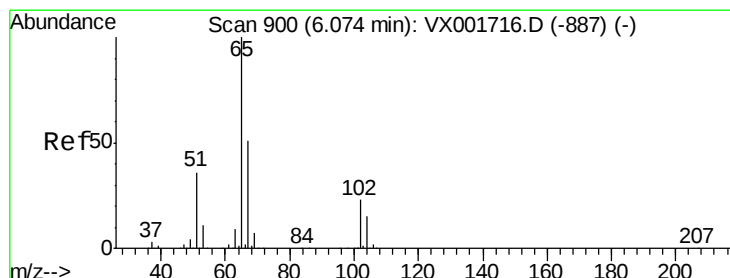
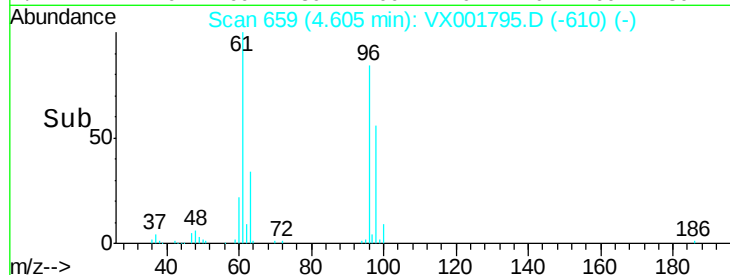
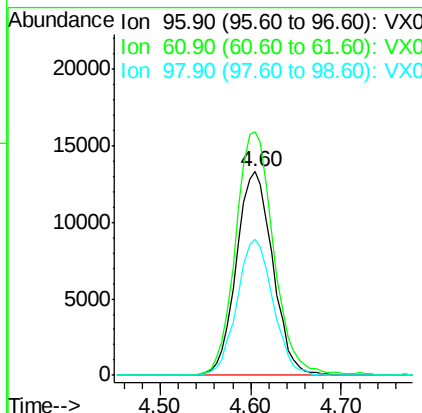
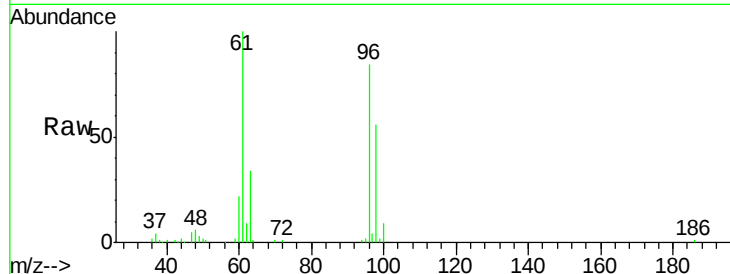


#27

cis-1,2-Dichloroethene
 Concen: 10.71 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001795.D
 Acq: 17 May 2018 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-180508

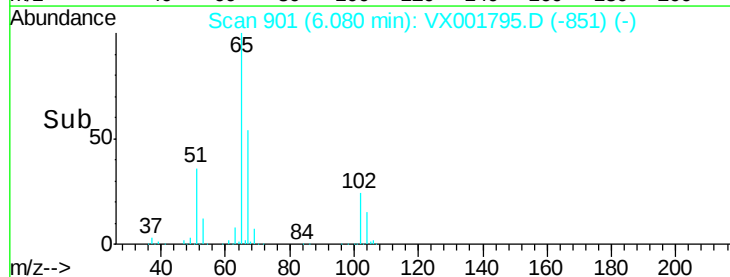
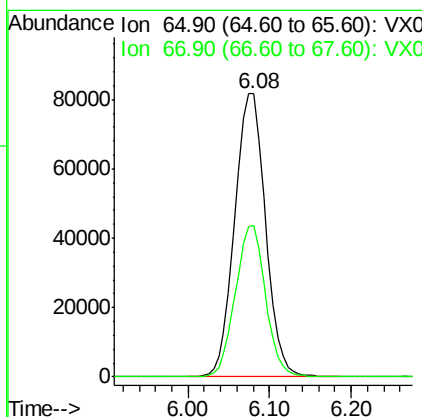
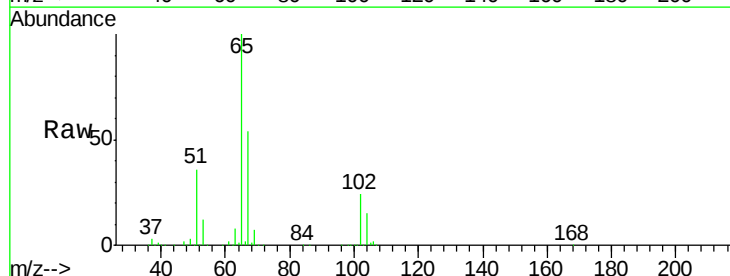
Tot Ion: 96 Resp: 37029
 Ion Ratio Lower Upper
 96 100
 61 125.4 0.0 280.4
 98 66.4 0.0 128.4

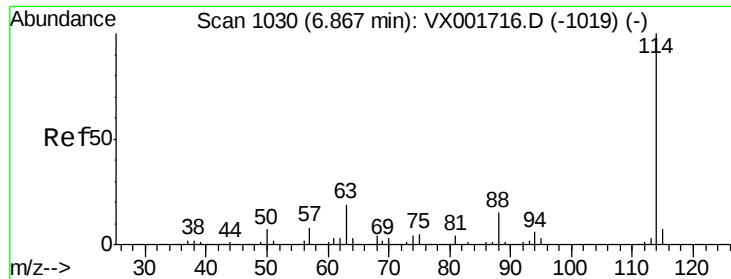


#33

1,2-Dichloroethane-d4
 Concen: 57.26 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001795.D
 Acq: 17 May 2018 17:20

Tgt Ion: 65 Resp: 214148
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001795.D

Acq: 17 May 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508

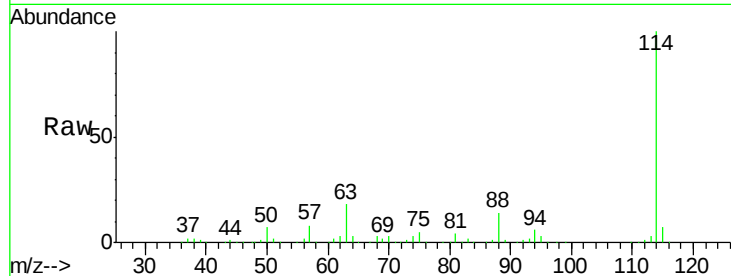
Tot Ion:114 Resp: 378673

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.0

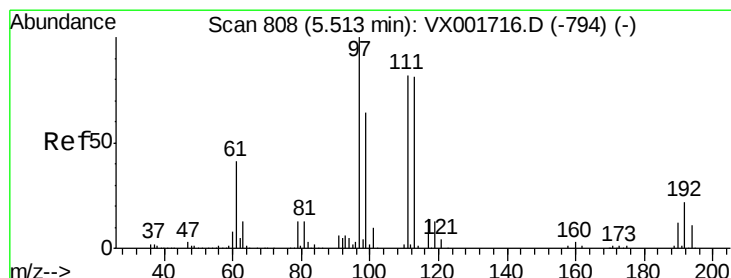
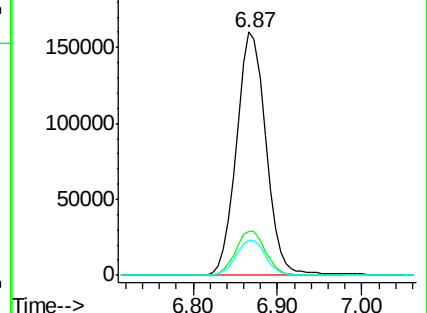
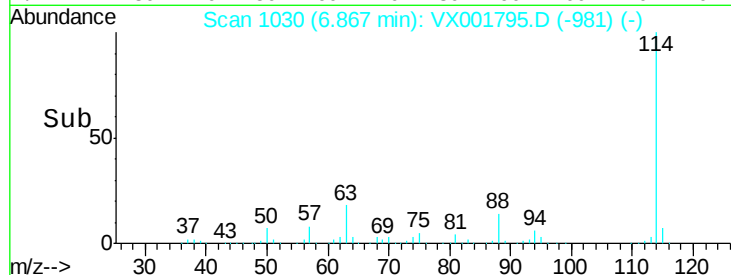
88 14.5 0.0 29.8



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: 57.21 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001795.D

Acq: 17 May 2018 17:20

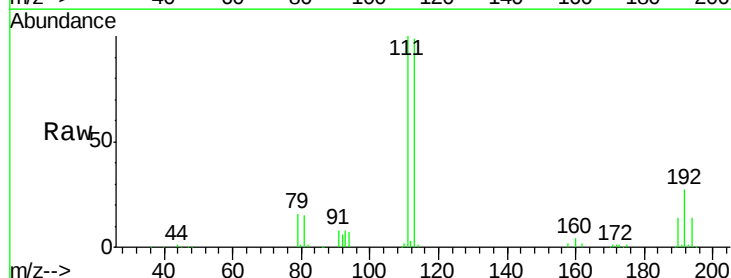
Tgt Ion:113 Resp: 182809

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

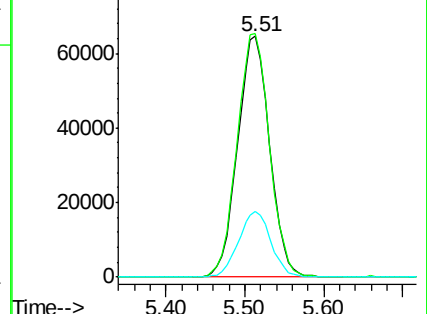
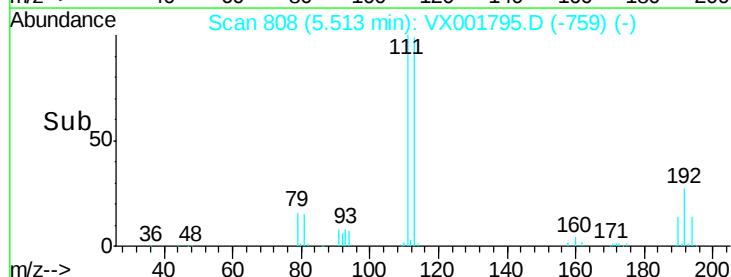
192 27.5 21.6 32.4

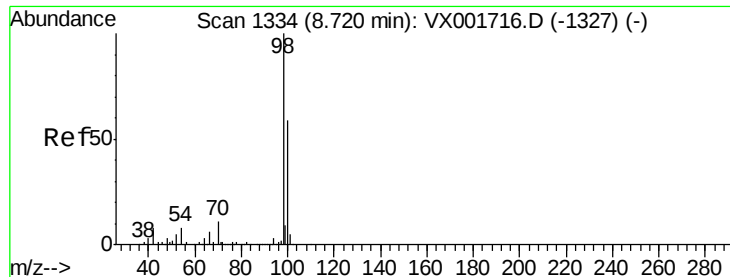


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.56 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001795.D

Acq: 17 May 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

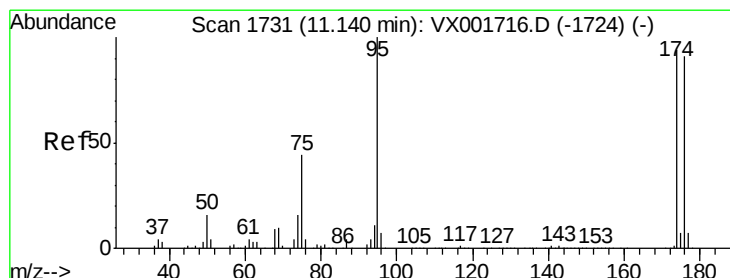
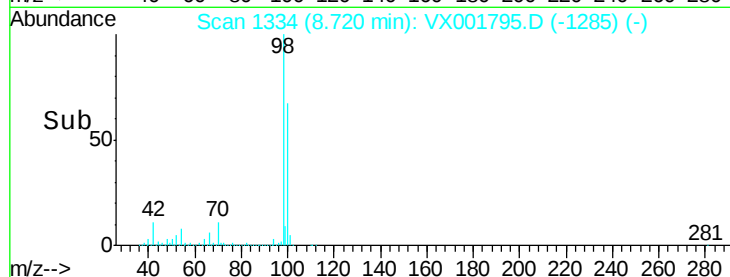
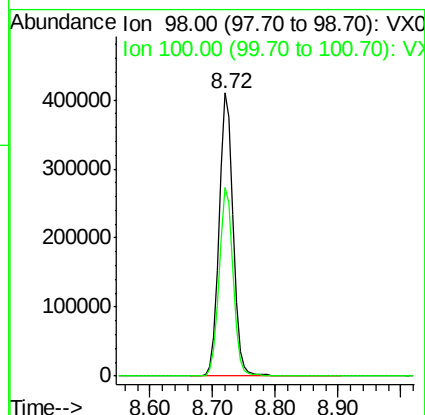
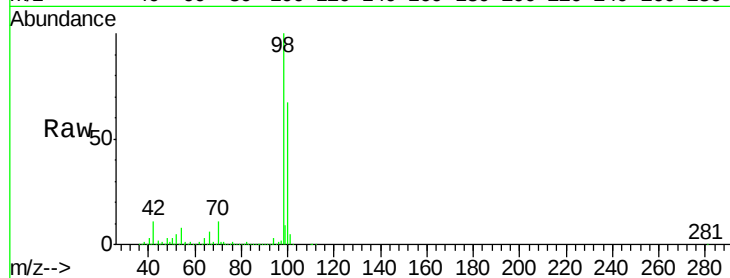
ST008MW157-180508

Tot Ion: 98 Resp: 635915

Ion Ratio Lower Upper

98 100

100 66.4 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 44.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001795.D

Acq: 17 May 2018 17:20

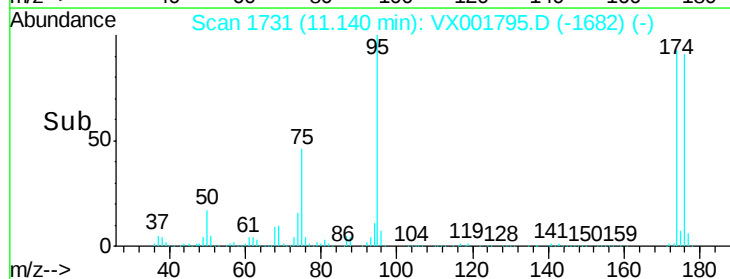
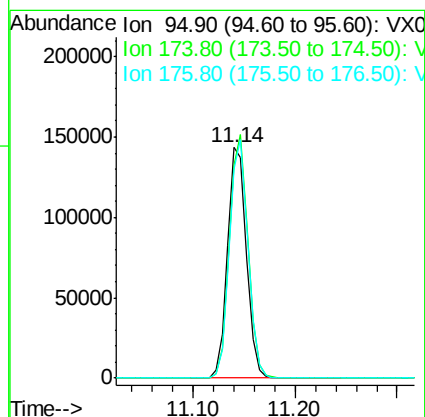
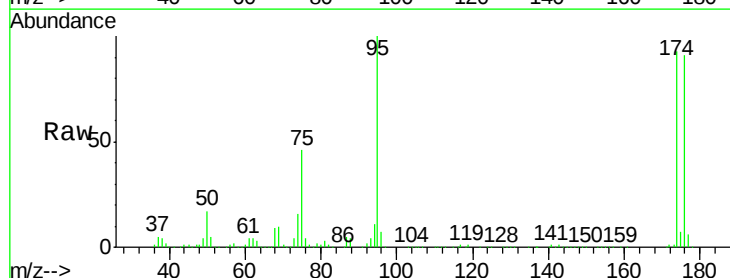
Tgt Ion: 95 Resp: 183257

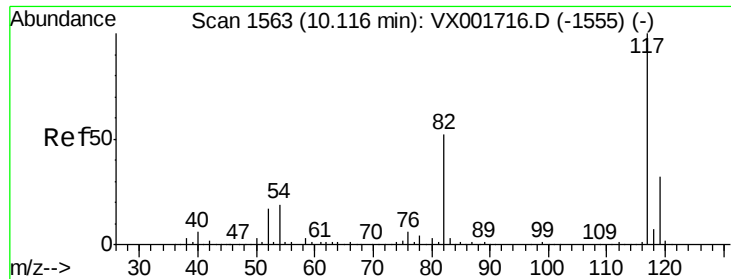
Ion Ratio Lower Upper

95 100

174 103.3 0.0 201.8

176 101.2 0.0 196.8

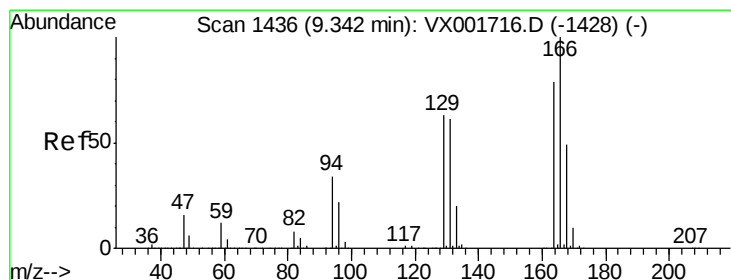
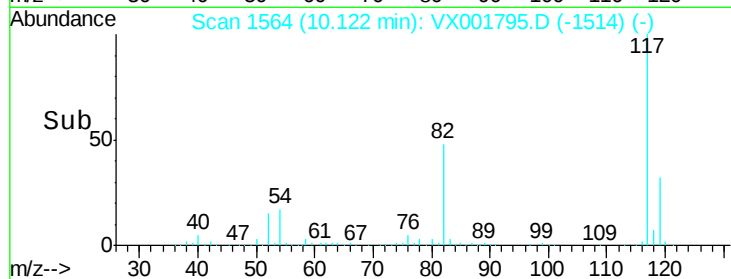
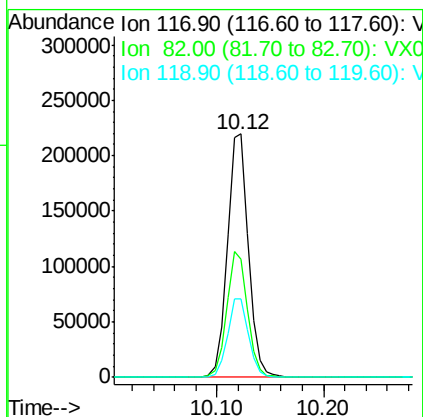
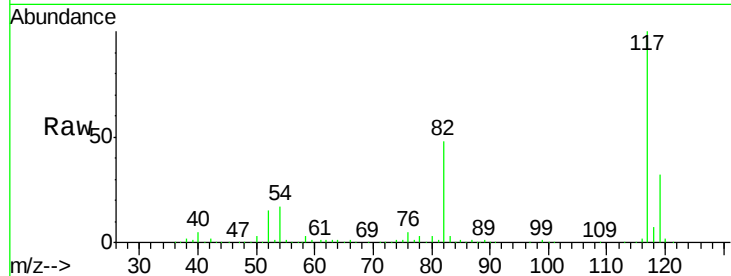




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001795.D
Acq: 17 May 2018 17:20

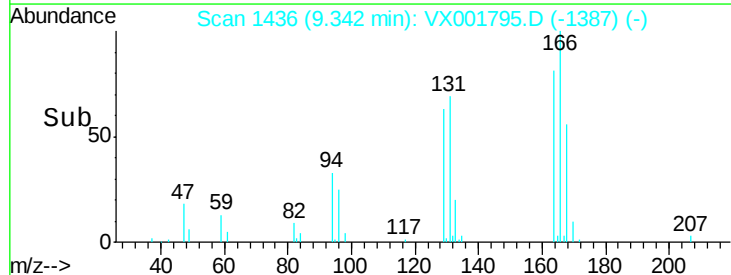
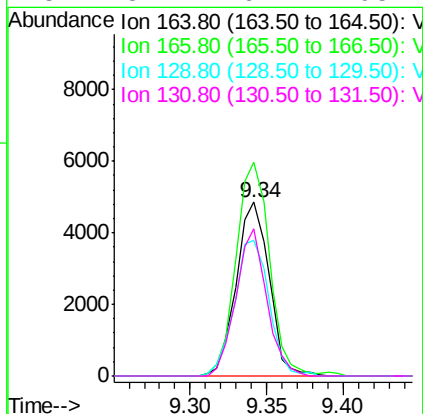
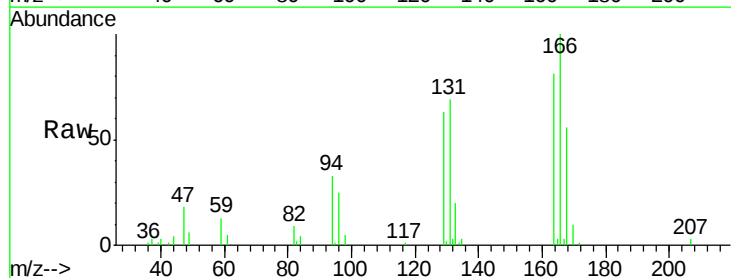
Instrument :
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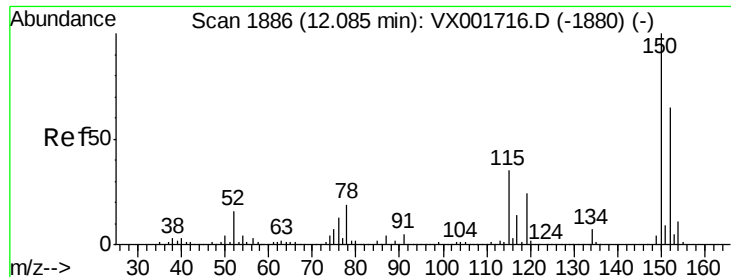
Tot Ion:117 Resp: 303484
Ion Ratio Lower Upper
117 100
82 48.3 41.4 62.2
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 1.84 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001795.D
Acq: 17 May 2018 17:20

Tgt Ion:164 Resp: 7262
Ion Ratio Lower Upper
164 100
166 122.7 101.8 152.8
129 77.9 63.8 95.6
131 84.2 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: VX001795.D

Acq: 17 May 2018 17:20

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-180508

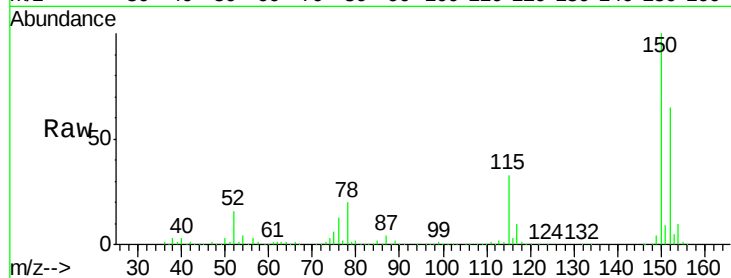
Tot Ion:152 Resp: 155162

Ion Ratio Lower Upper

152 100

115 52.3 37.4 112.2

150 156.6 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

