

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051718\
 Data File : VX001786.D
 Acq On : 17 May 2018 13:19
 Operator : JC/MD
 Sample : J2853-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW336-180507

Quant Time: May 18 04:29:27 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

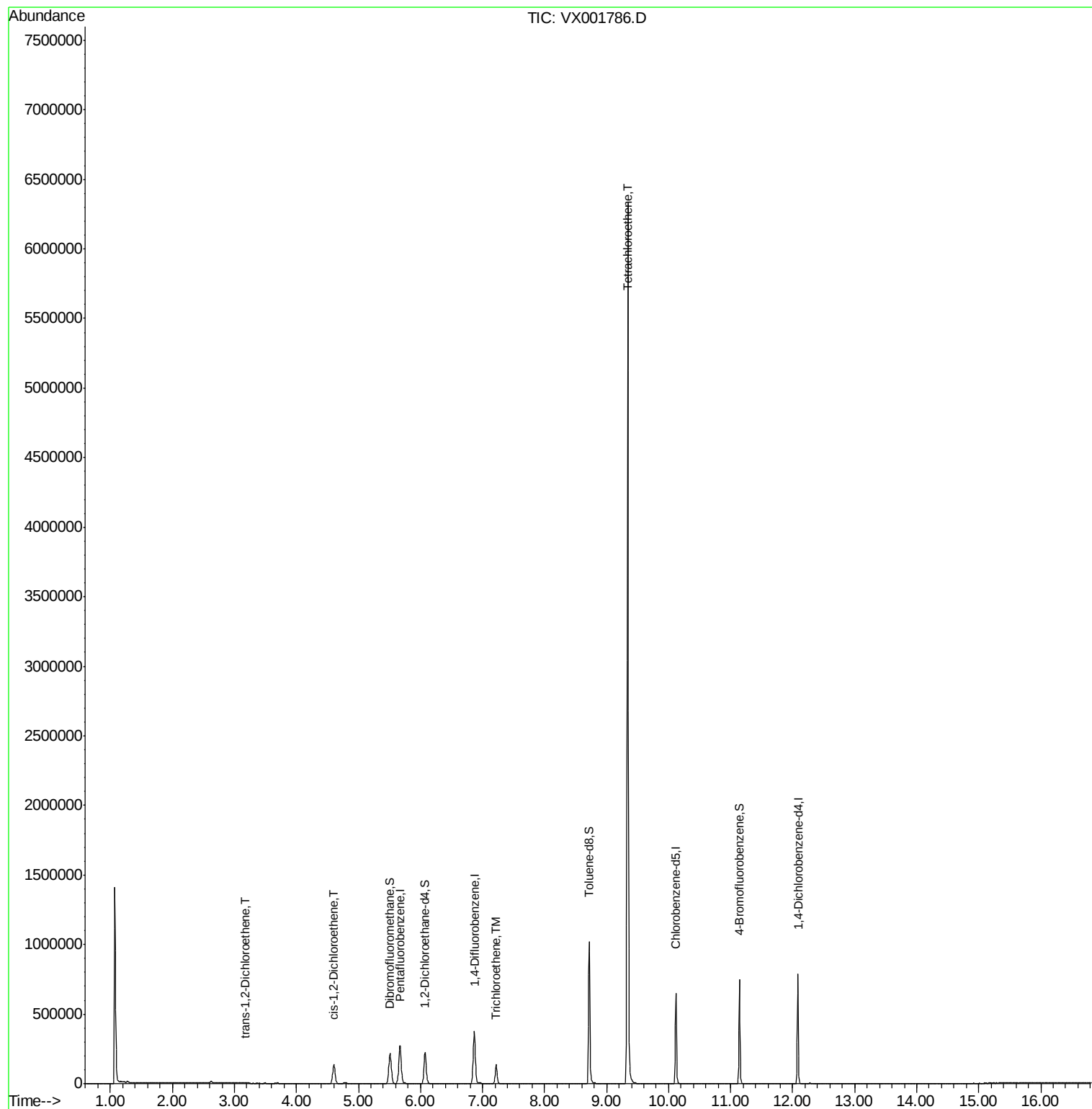
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	398091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	211089	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	5.51	113	180191	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
50) Toluene-d8	8.72	98	628705	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.15	95	186746	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.22%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	1696	0.52	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	92368	24.80	ug/l	90
44) Trichloroethene	7.22	130	57553	13.73	ug/l	97
64) Tetrachloroethene	9.34	164	1409097	326.11	ug/l	97

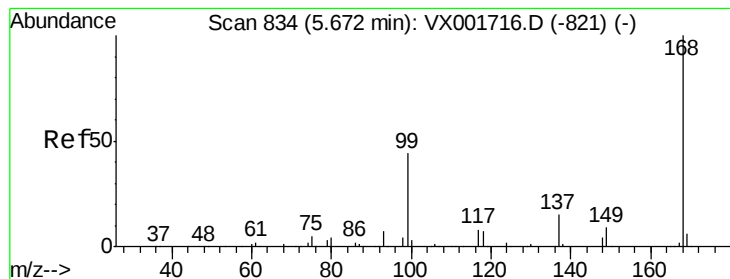
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001786.D

Acq: 17 May 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

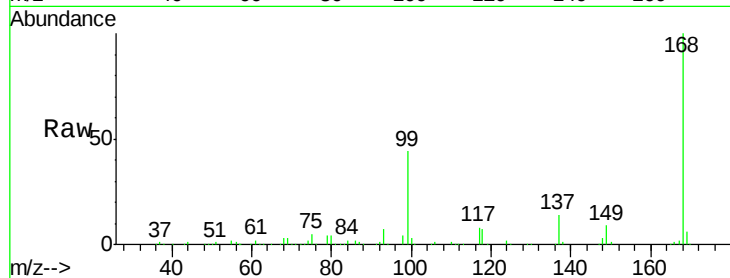
ST008MW336-180507

Tot Ion:168 Resp: 300627

Ion Ratio Lower Upper

168 100

99 44.1 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

120000

100000

80000

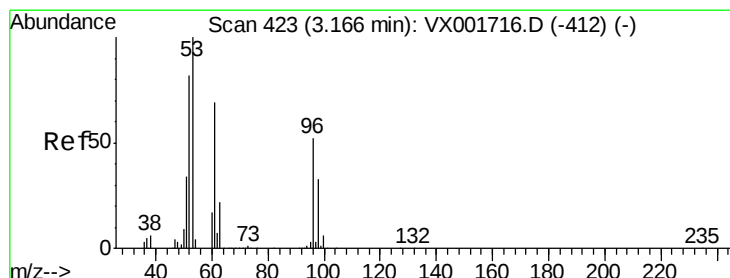
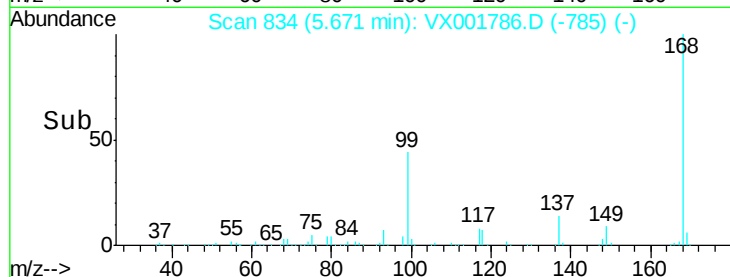
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#21

trans-1,2-Dichloroethene

Concen: 0.52 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001786.D

Acq: 17 May 2018 13:19

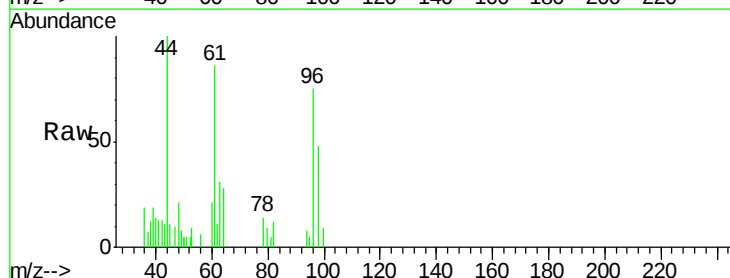
Tgt Ion: 96 Resp: 1696

Ion Ratio Lower Upper

96 100

61 114.5 105.8 158.8

98 63.5 50.2 75.4



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

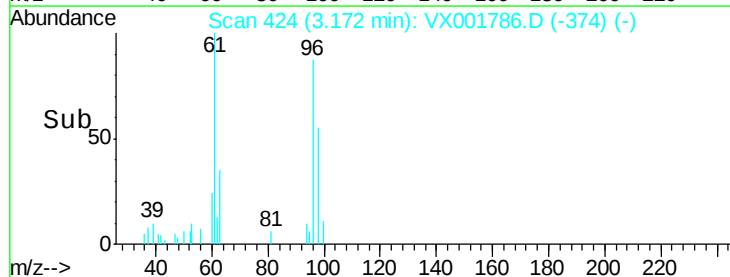
1500

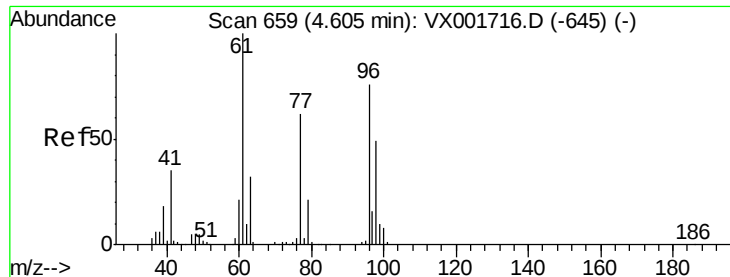
1000

500

0

Time--> 3.10 3.15 3.20



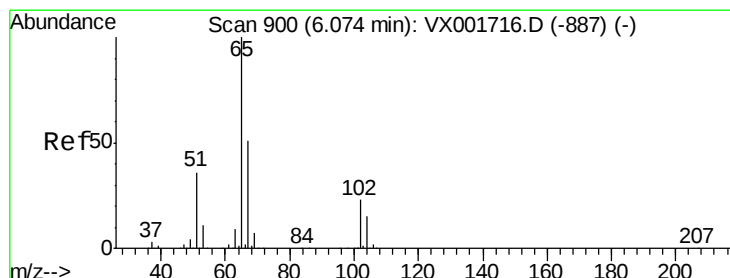
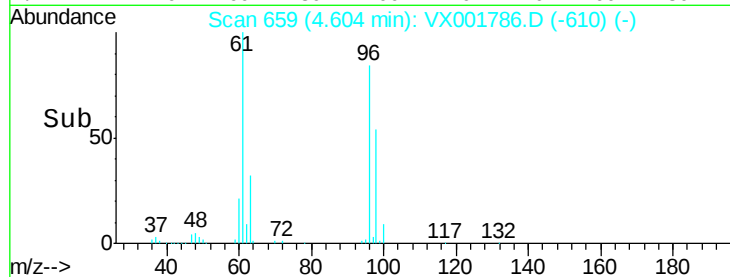
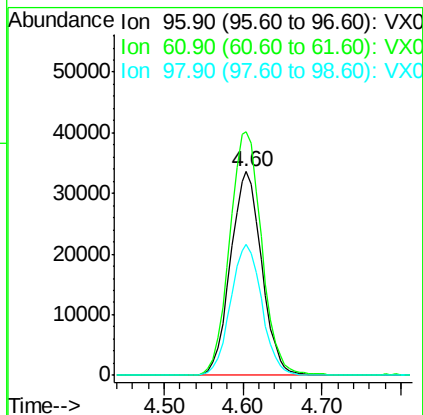
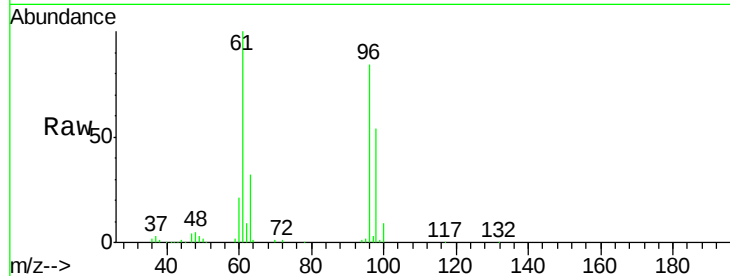


#27

cis-1,2-Dichloroethene
 Concen: 24.80 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001786.D
 Acq: 17 May 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW336-180507

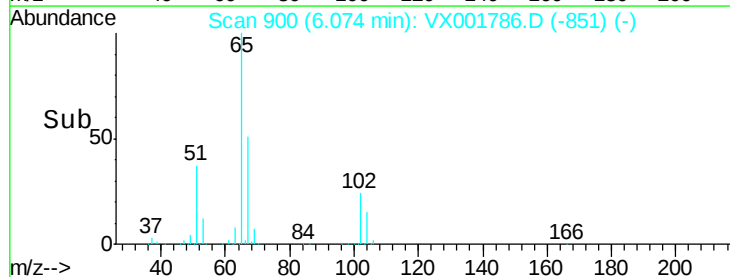
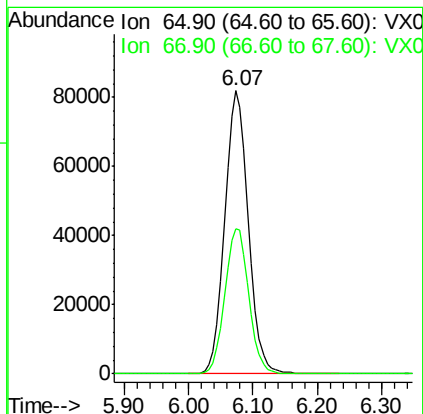
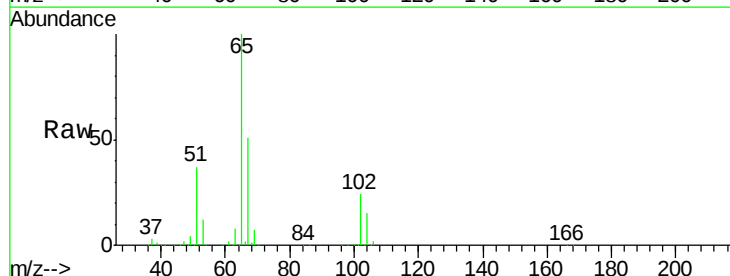
Tot Ion	96	Resp:	92368
Ion	Ratio	Lower	Upper
96	100		
61	123.2	0.0	280.4
98	64.4	0.0	128.4

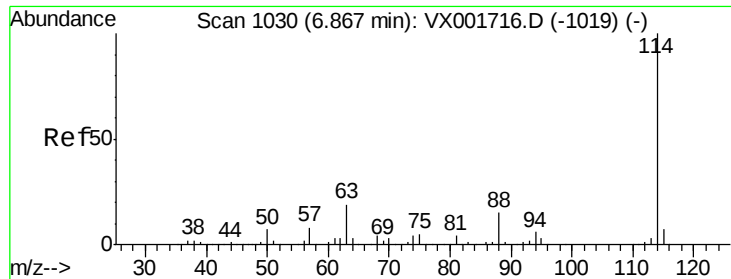


#33

1,2-Dichloroethane-d4
 Concen: 52.39 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001786.D
 Acq: 17 May 2018 13:19

Tgt Ion	65	Resp:	211089
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.8

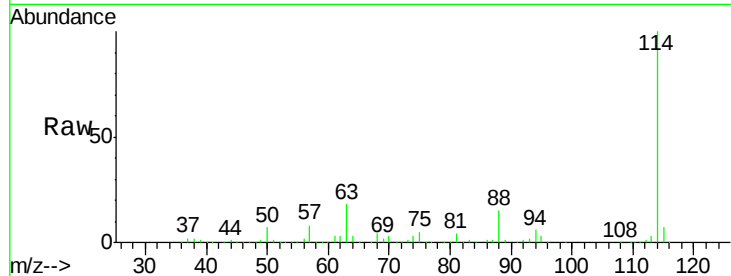




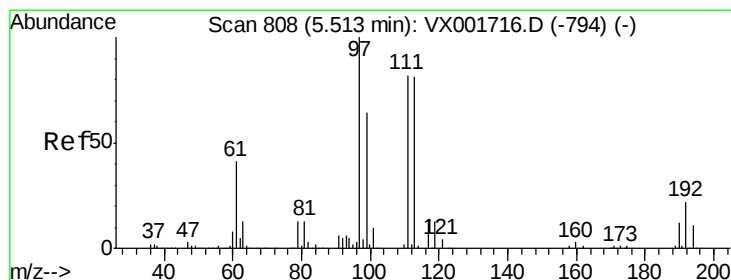
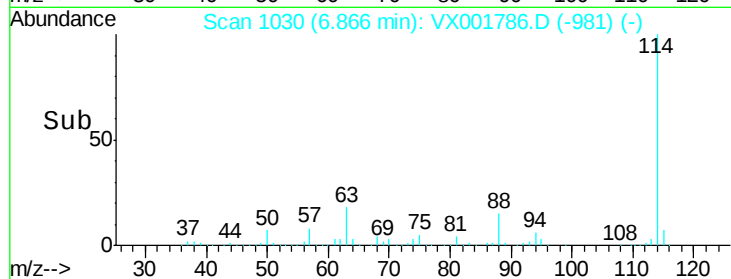
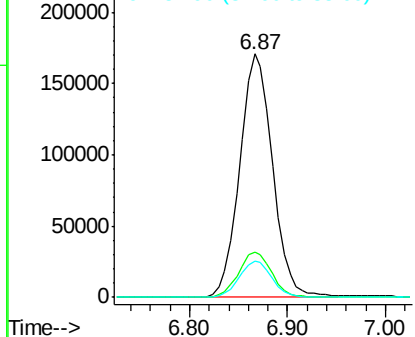
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001786.D
 Acq: 17 May 2018 13:19

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW336-180507

Tot Ion:114 Resp: 398091
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.0
 88 14.7 0.0 29.8

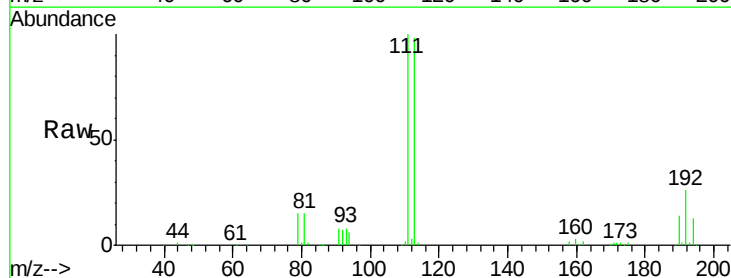


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

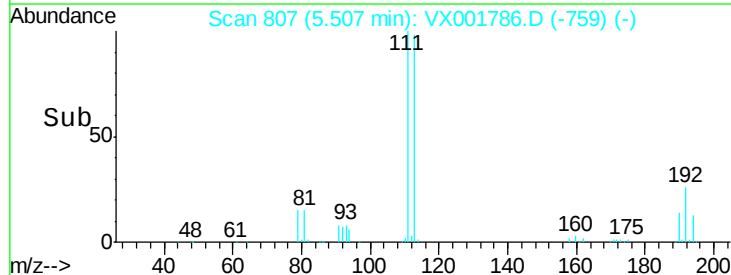
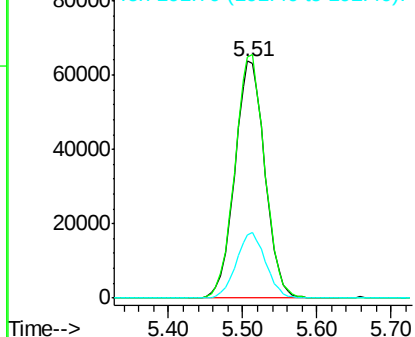


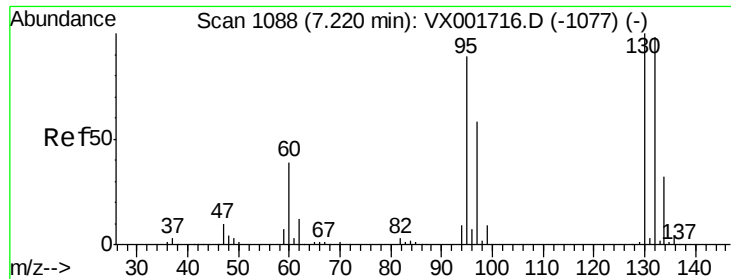
#35
 Dibromofluoromethane
 Concen: 53.64 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001786.D
 Acq: 17 May 2018 13:19

Tgt Ion:113 Resp: 180191
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 27.2 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





#44

Trichloroethene

Concen: 13.73 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001786.D

Acq: 17 May 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

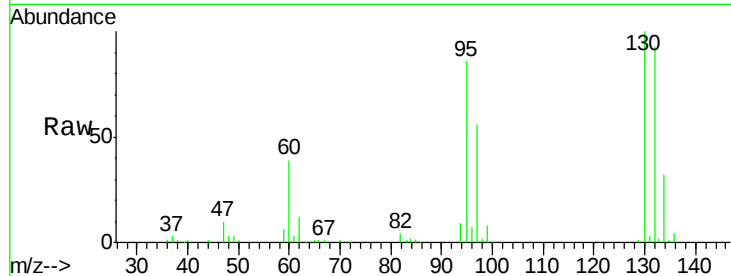
ST008MW336-180507

Tot Ion:130 Resp: 57553

Ion Ratio Lower Upper

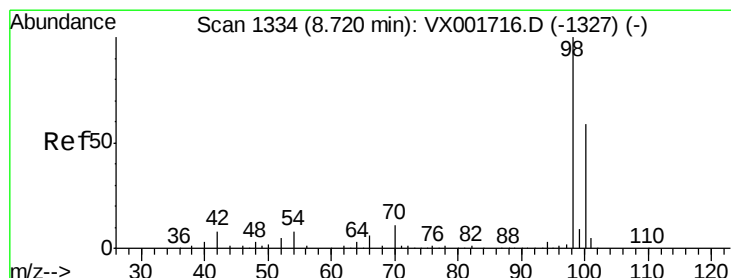
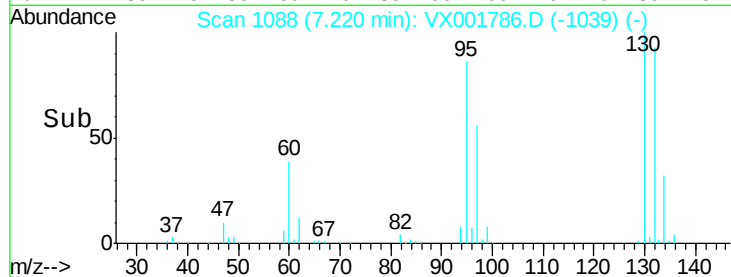
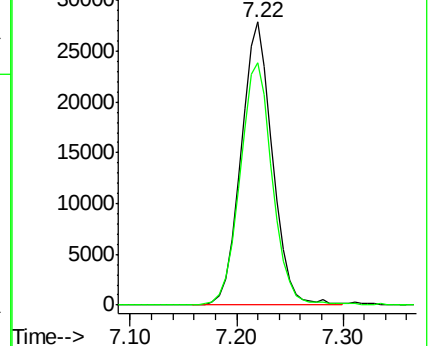
130 100

95 85.9 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: 52.25 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001786.D

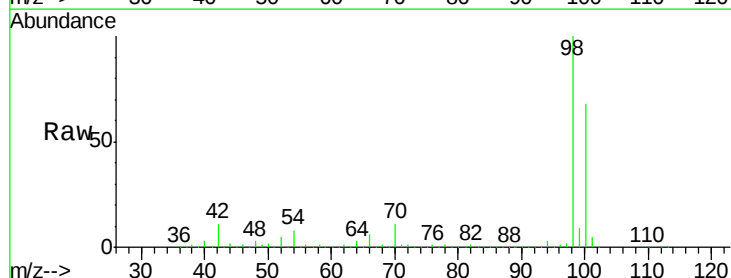
Acq: 17 May 2018 13:19

Tgt Ion: 98 Resp: 628705

Ion Ratio Lower Upper

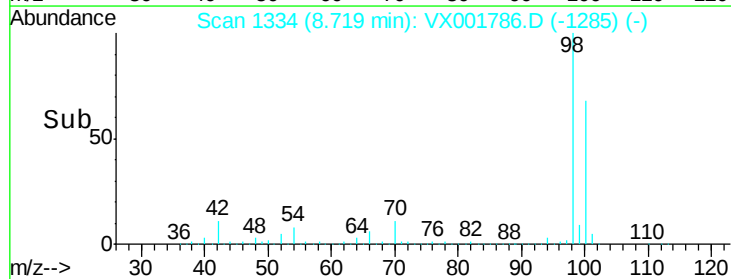
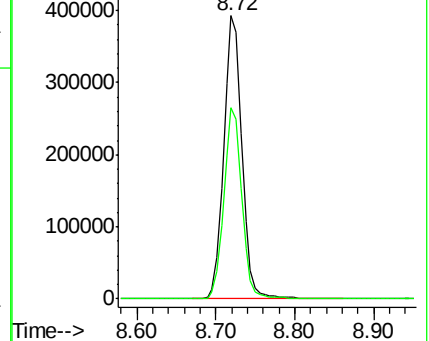
98 100

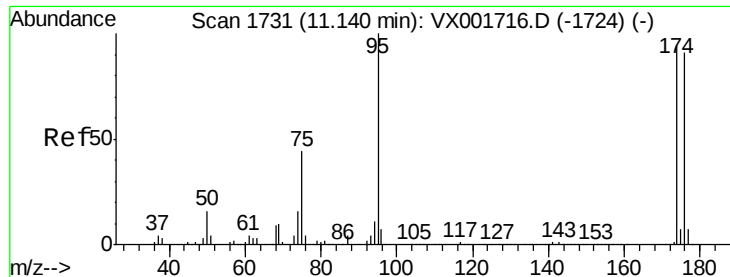
100 67.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

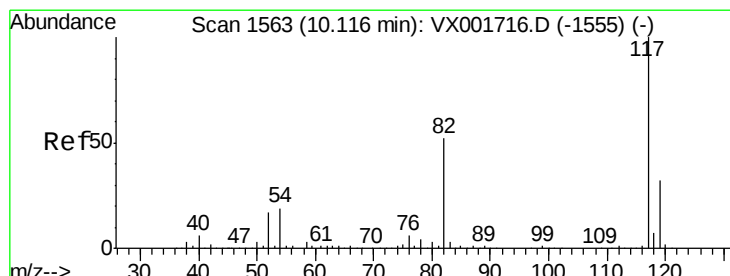
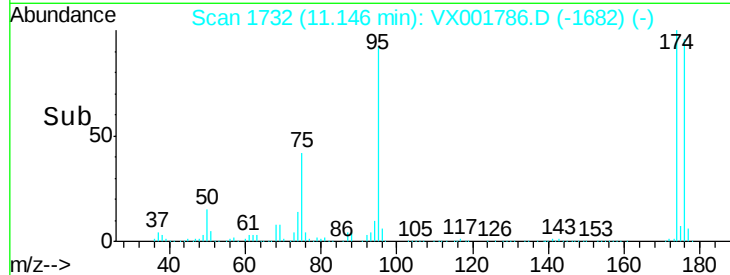
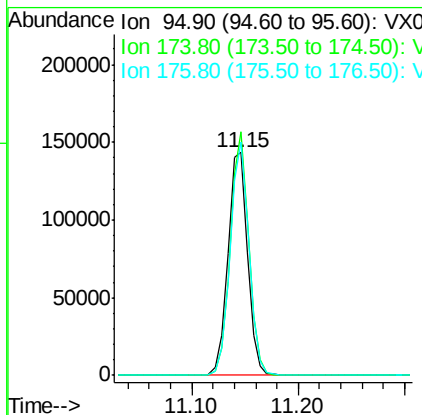
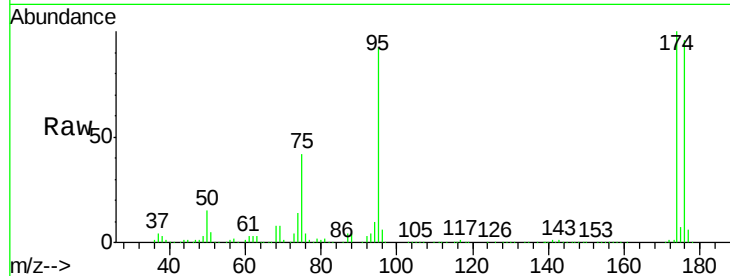




#62
4-Bromofluorobenzene
Concen: 43.11 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001786.D
Acq: 17 May 2018 13:19

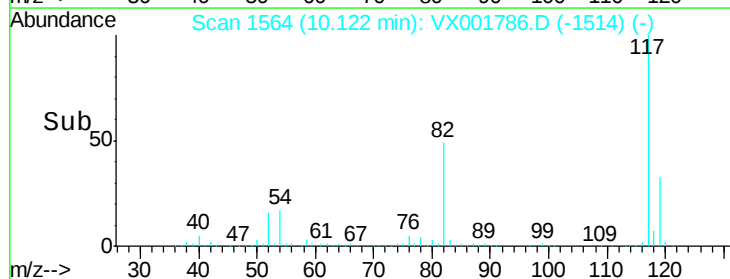
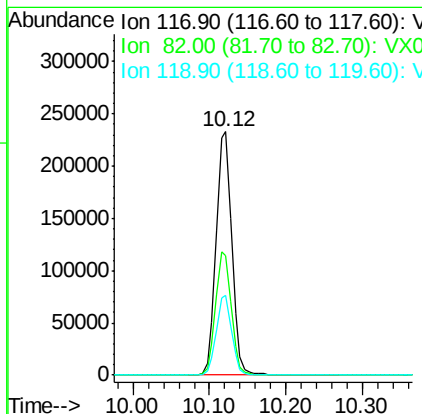
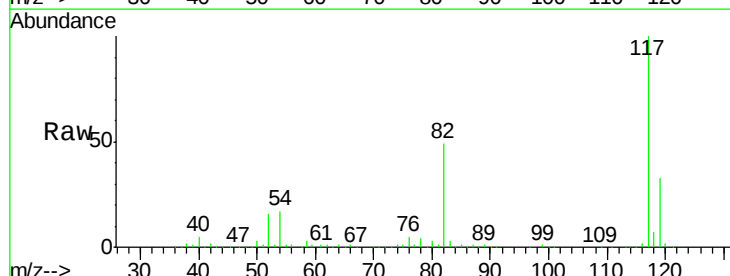
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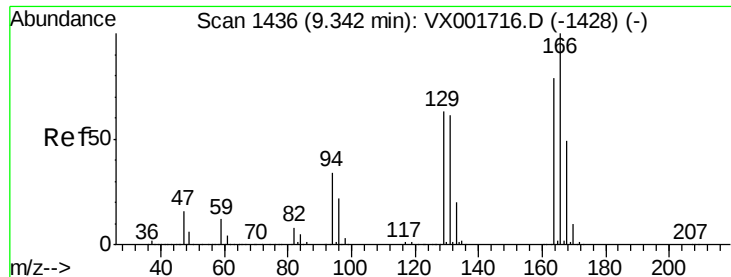
Tot Ion: 95 Resp: 186746
Ion Ratio Lower Upper
95 100
174 102.5 0.0 201.8
176 99.8 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001786.D
Acq: 17 May 2018 13:19

Tgt Ion: 117 Resp: 331926
Ion Ratio Lower Upper
117 100
82 49.1 41.4 62.2
119 32.9 25.6 38.4





#64

Tetrachloroethene

Concen: 326.11 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001786.D

Acq: 17 May 2018 13:19

Instrument :

MSVOA_X

ClientSampleId :

ST008MW336-180507

Tot Ion:164 Resp: 1409097

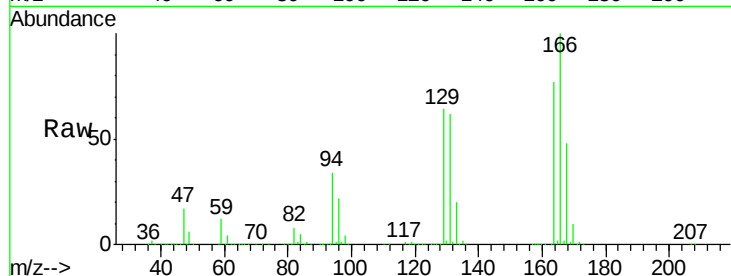
Ion Ratio Lower Upper

164 100

166 129.0 101.8 152.8

129 83.0 63.8 95.6

131 80.6 62.2 93.2

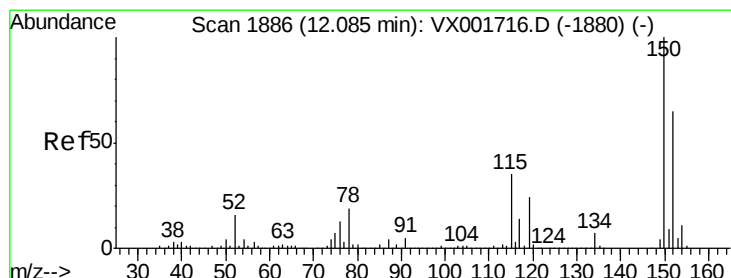
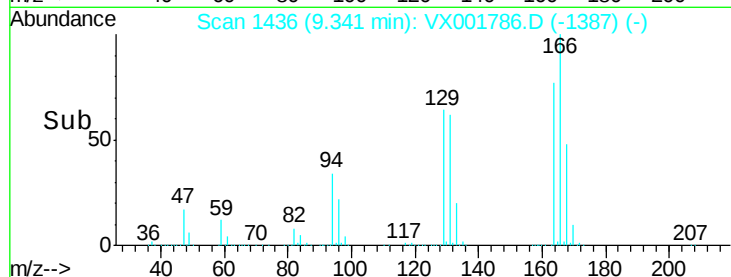
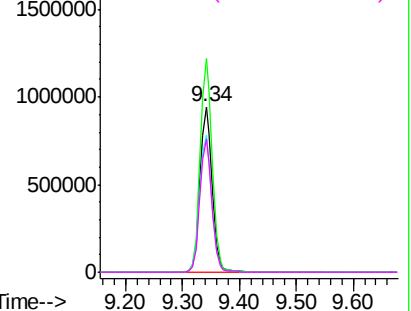


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001786.D

Acq: 17 May 2018 13:19

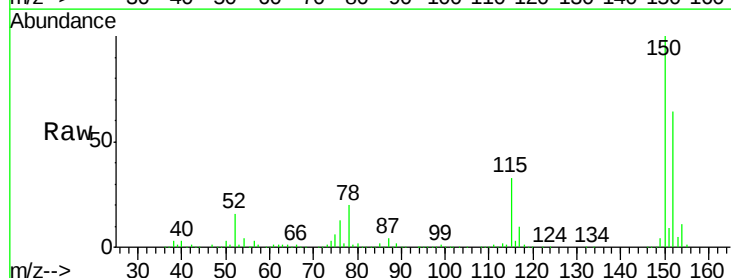
Tgt Ion:152 Resp: 172229

Ion Ratio Lower Upper

152 100

115 51.8 37.4 112.2

150 155.7 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

