

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003612.D
 Acq On : 23 Jul 2018 18:43
 Operator : JC/SP
 Sample : J4048-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-6

Quant Time: Jul 24 08:25:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181520	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	148933	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
35) Dibromofluoromethane	5.51	113	136845	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	8.72	98	508733	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.14	95	170615	45.42	ug/l	0.00
Spiked Amount			Recovery	=	90.84%	

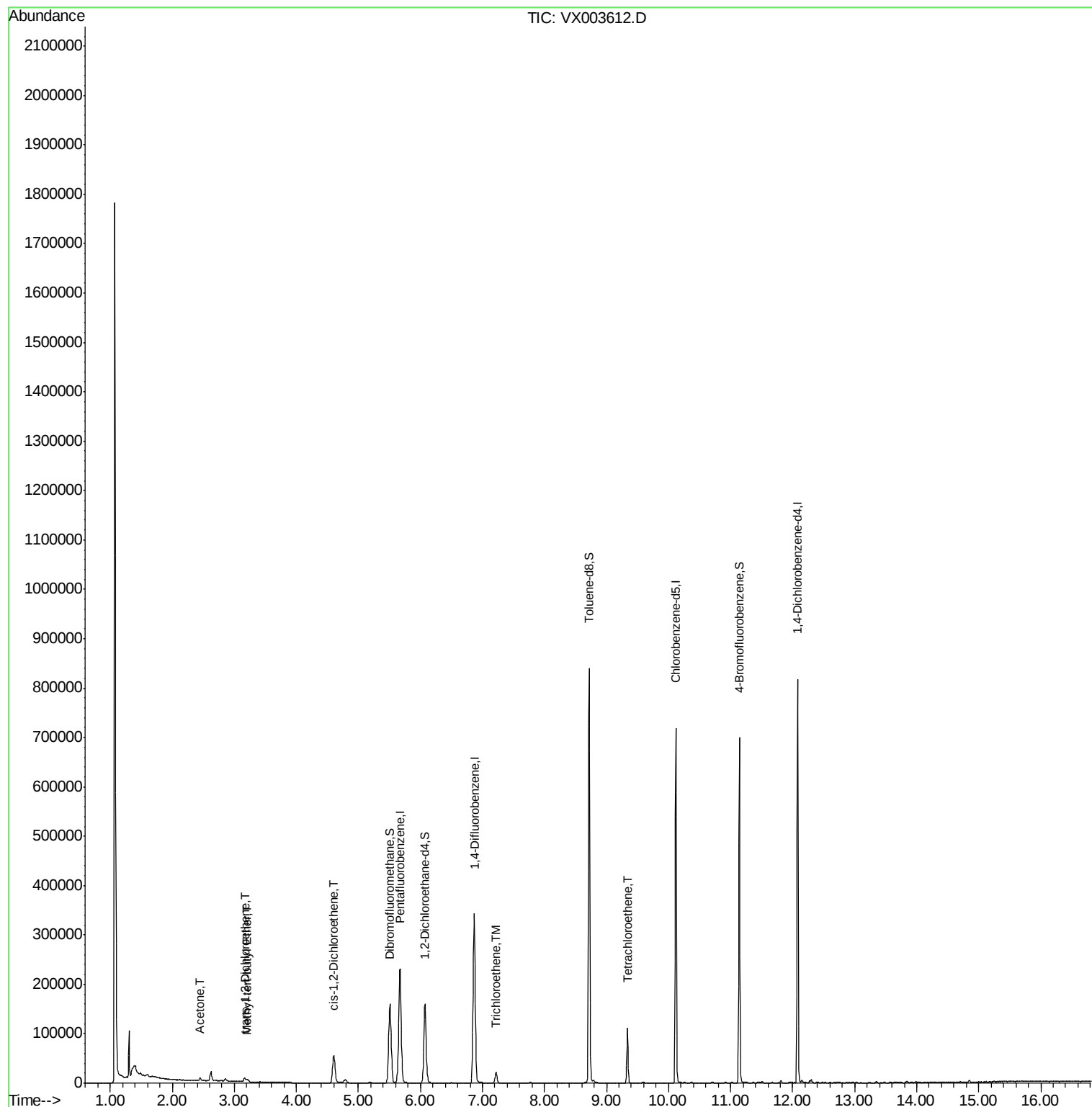
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	6034	5.44	ug/l	# 82
19) Methyl tert-butyl Ether	3.21	73	4984	0.60	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	3210	1.14	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	36165	11.53	ug/l	98
44) Trichloroethene	7.22	130	9295	2.66	ug/l	98
64) Tetrachloroethene	9.34	164	23704	5.83	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. 0.01 min

Lab File: VX003612.D

Acq: 23 Jul 2018 18:43

Instrument :

MSVOA_X

ClientSampled :

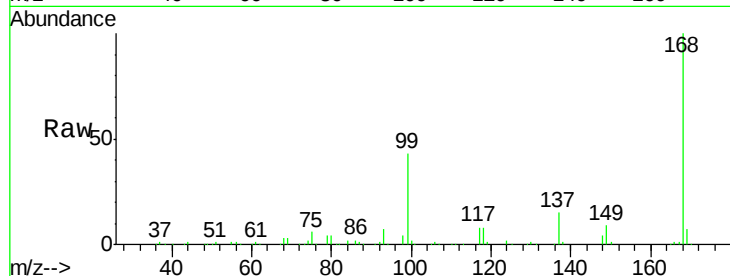
YT-MW-6

Tot Ion:168 Resp: 247922

Ion Ratio Lower Upper

168 100

99 43.0 39.3 58.9

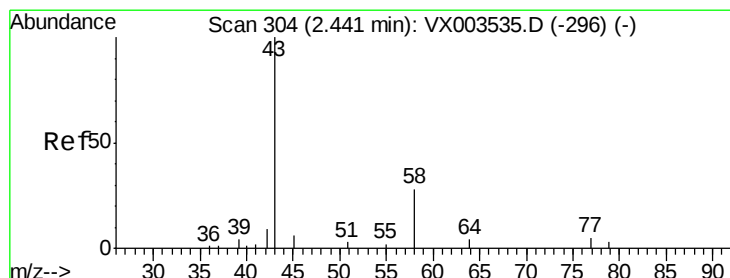
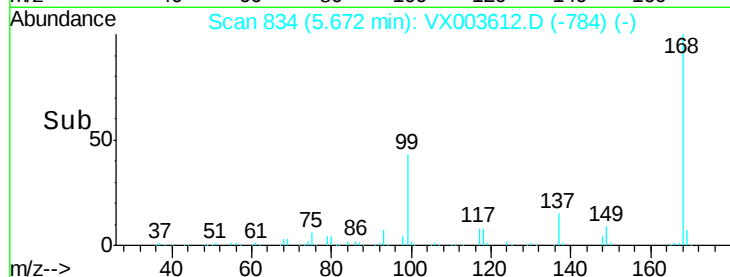


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.44 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003612.D

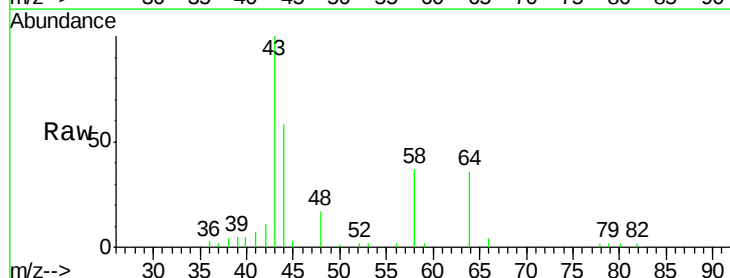
Acq: 23 Jul 2018 18:43

Tgt Ion: 43 Resp: 6034

Ion Ratio Lower Upper

43 100

58 37.2 22.1 33.1#

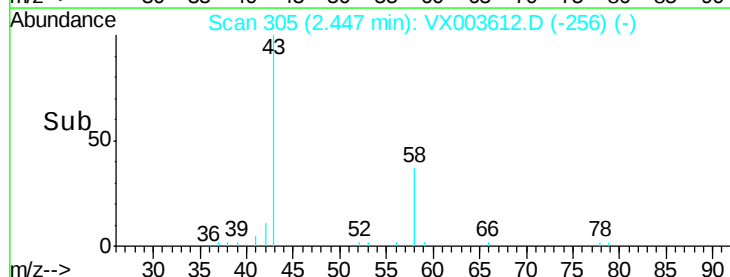


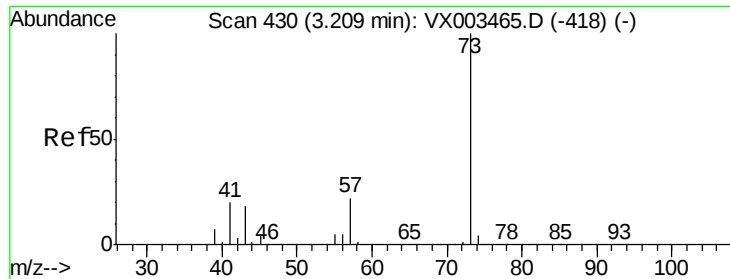
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

Time--> 2.35 2.40 2.45 2.50

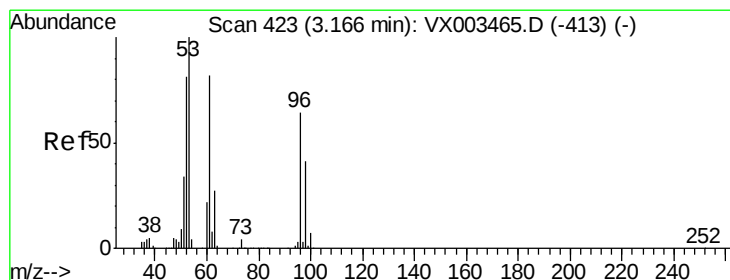
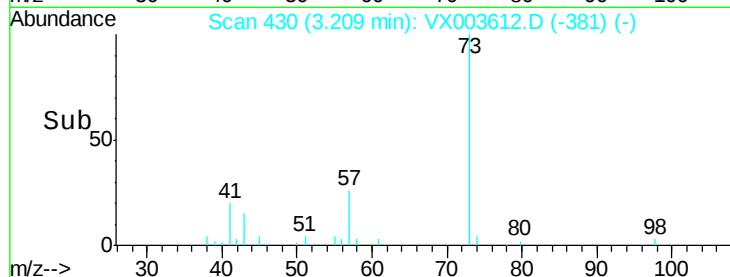
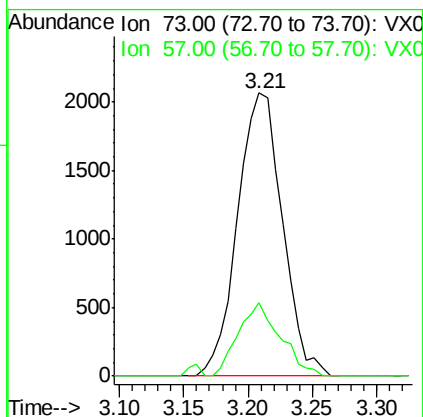
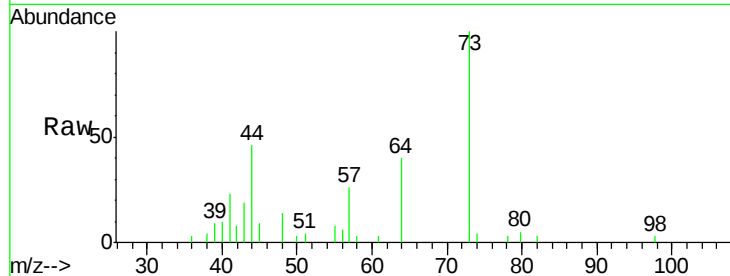




#19
Methvl tert-butvl Ether
Concen: 0.60 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003612.D
Acq: 23 Jul 2018 18:43

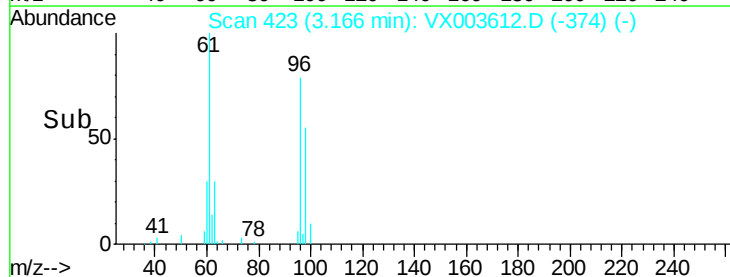
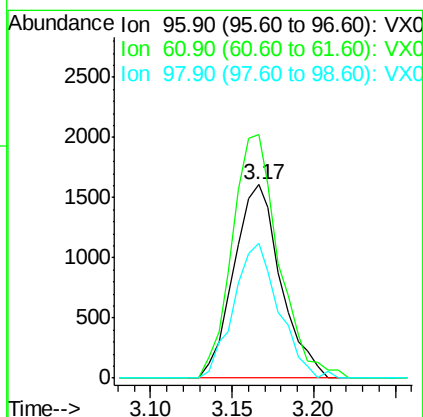
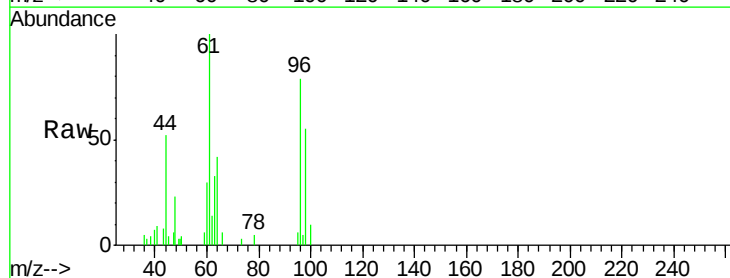
Instrument :
MSVOA_X
ClientSampleId :
YT-MW-6

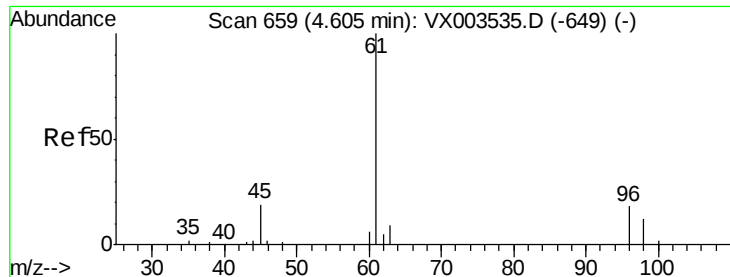
Tot Ion: 73 Resp: 4984
Ion Ratio Lower Upper
73 100
57 26.1 17.7 26.5



#21
trans-1,2-Dichloroethene
Concen: 1.14 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003612.D
Acq: 23 Jul 2018 18:43

Tgt Ion: 96 Resp: 3210
Ion Ratio Lower Upper
96 100
61 125.8 117.0 175.4
98 69.6 52.4 78.6



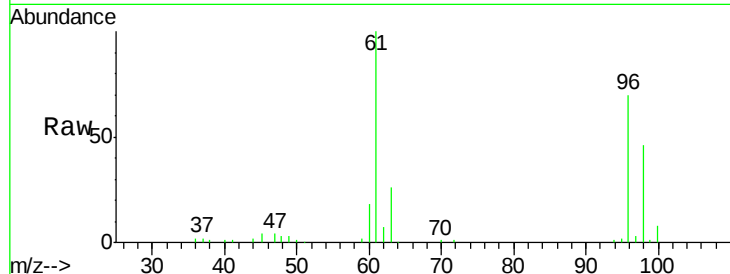


#27

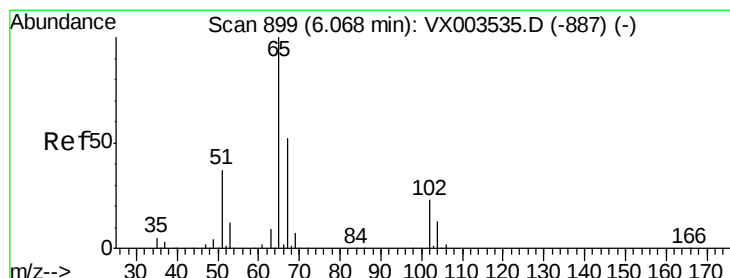
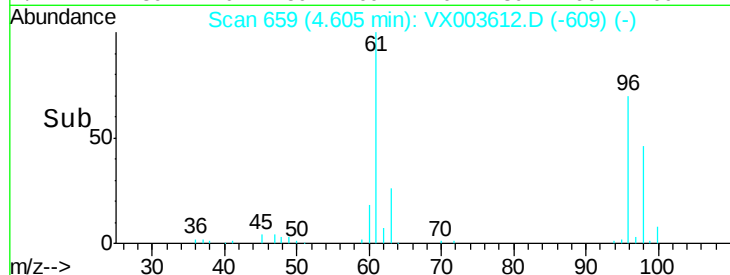
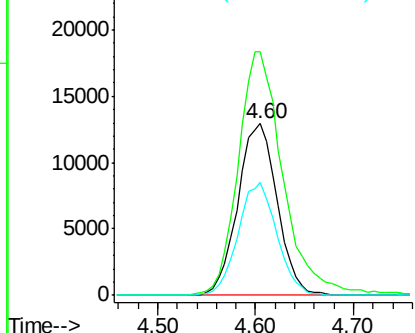
cis-1,2-Dichloroethene
Concen: 11.53 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003612.D
Acq: 23 Jul 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-6

Tot Ion	96	Resp	36165
Ion	Ratio	Lower	Upper
96	100		
61	161.7	0.0	330.2
98	64.9	0.0	130.2



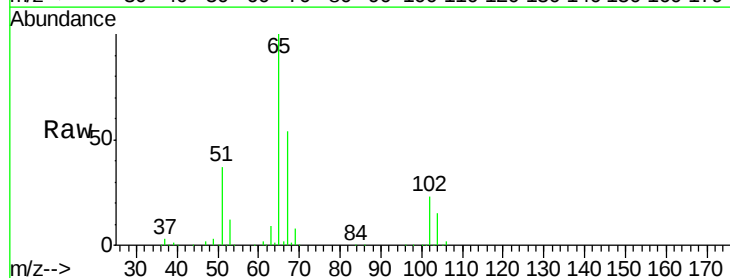
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



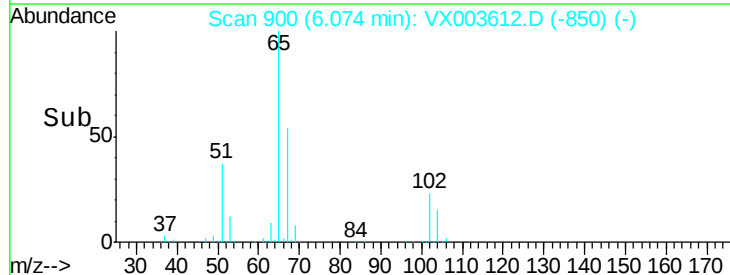
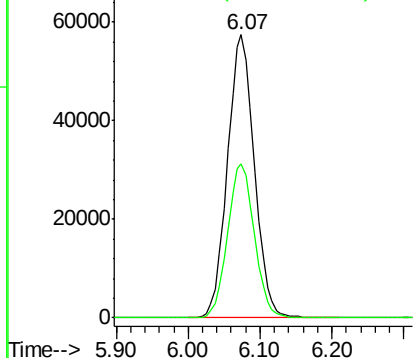
#33

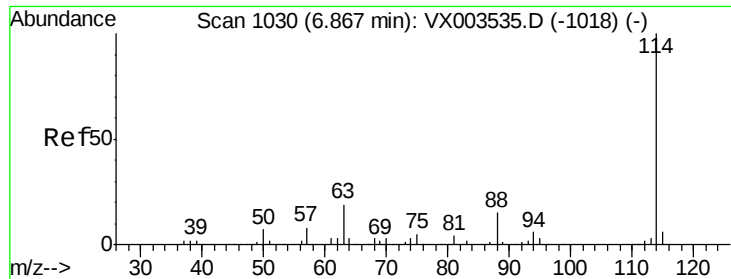
1,2-Dichloroethane-d4
Concen: 50.75 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003612.D
Acq: 23 Jul 2018 18:43

Tgt Ion	65	Resp	148933
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	102.6



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: VX003612.D

Acq: 23 Jul 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-6

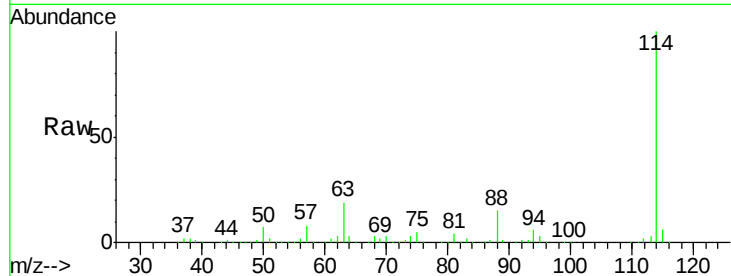
Tot Ion:114 Resp: 359552

Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.4

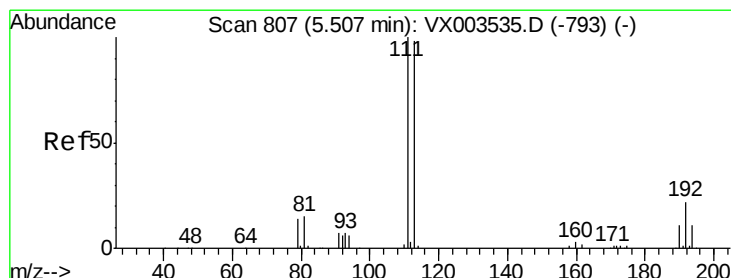
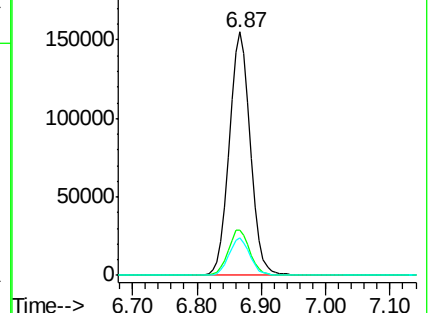
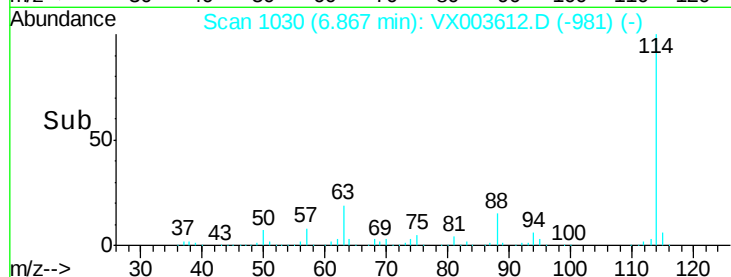
88 15.4 0.0 30.0



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: 49.97 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003612.D

Acq: 23 Jul 2018 18:43

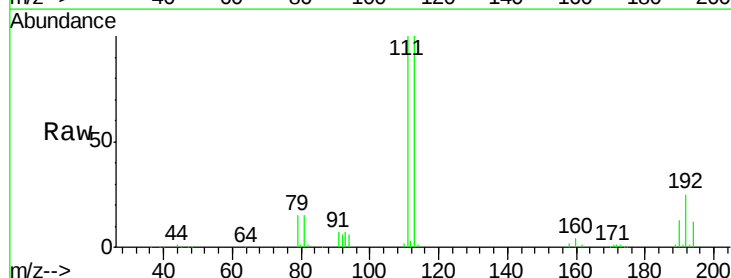
Tgt Ion:113 Resp: 136845

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

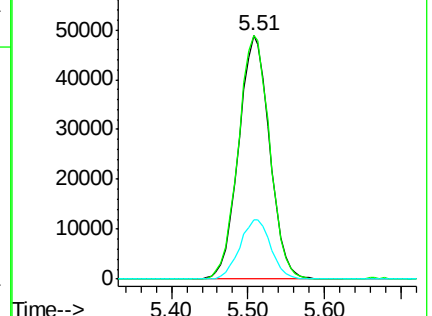
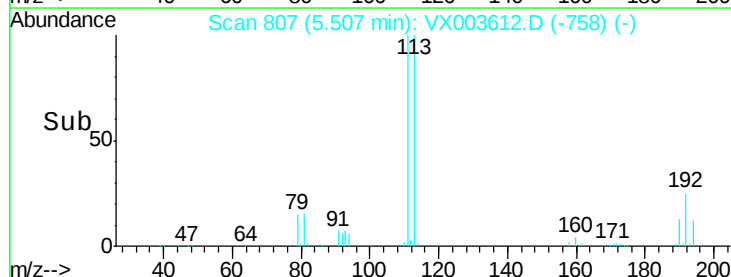
192 24.6 19.1 28.7

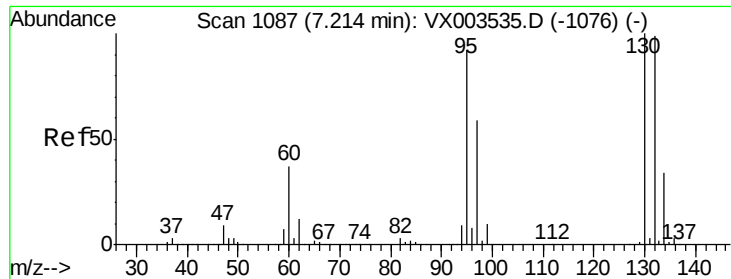


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

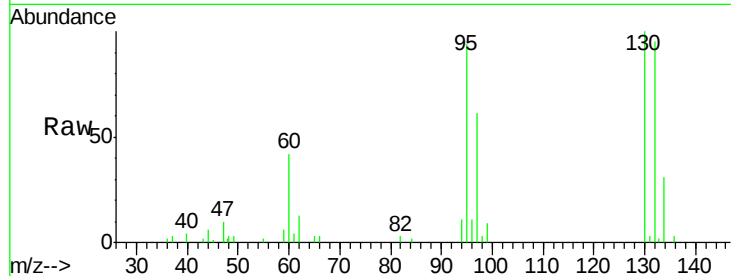




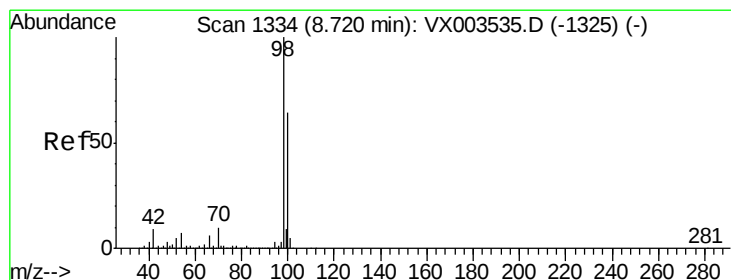
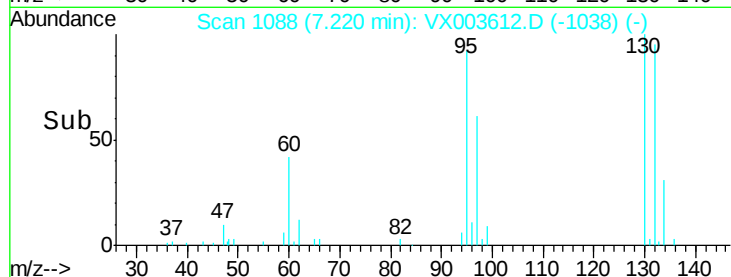
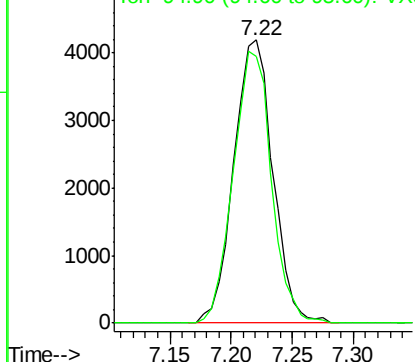
#44
 Trichloroethene
 Concen: 2.66 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003612.D
 Acq: 23 Jul 2018 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-6

Tot Ion:130 Resp: 9295
 Ion Ratio Lower Upper
 130 100
 95 94.2 0.0 185.4

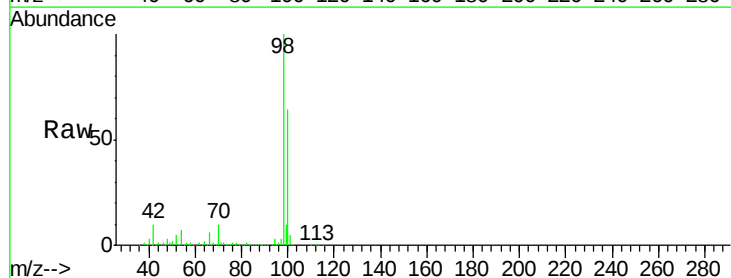


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

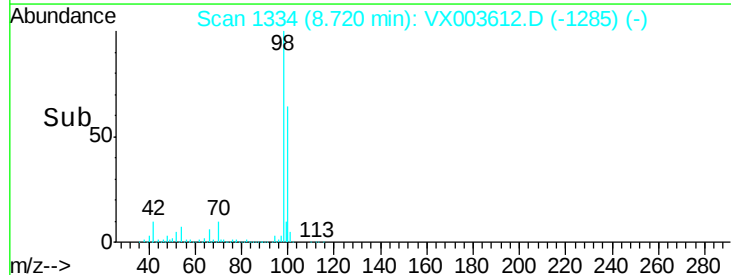
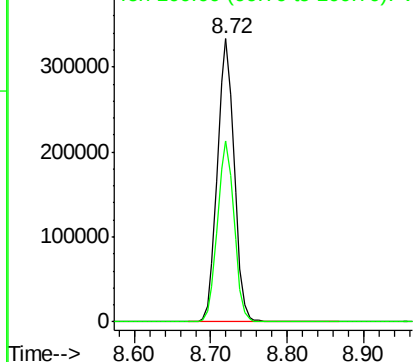


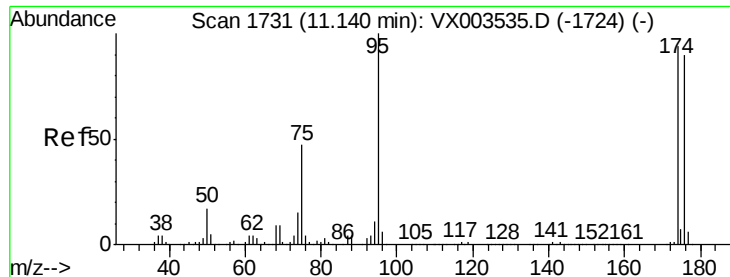
#50
 Toluene-d8
 Concen: 49.42 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003612.D
 Acq: 23 Jul 2018 18:43

Tgt Ion: 98 Resp: 508733
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

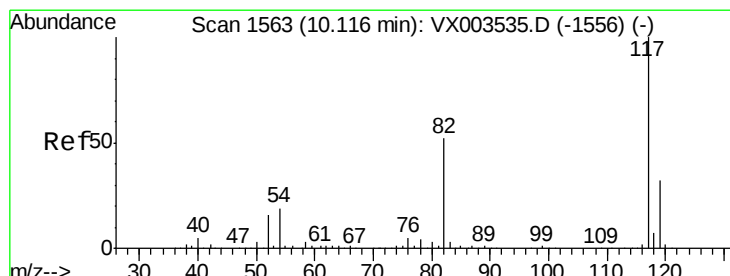
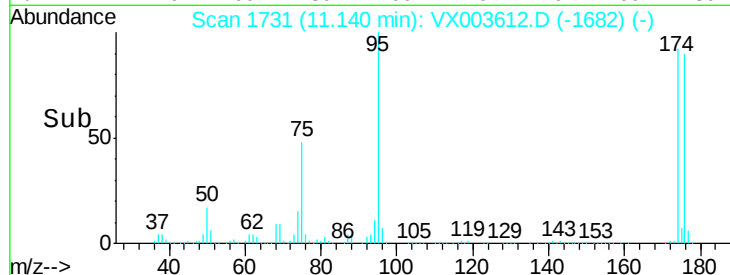
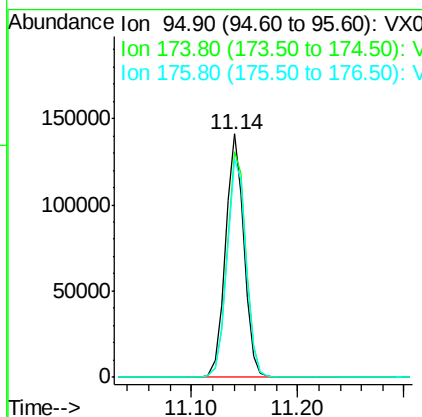
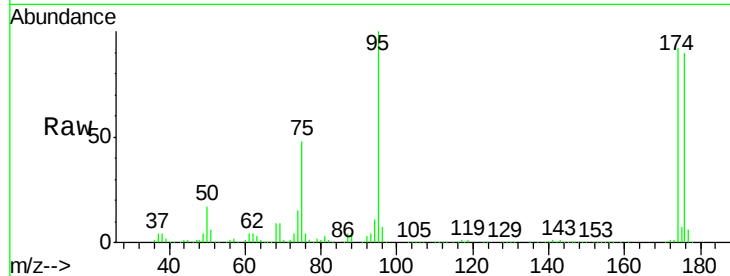




#62
4-Bromofluorobenzene
Concen: 45.42 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003612.D
Acq: 23 Jul 2018 18:43

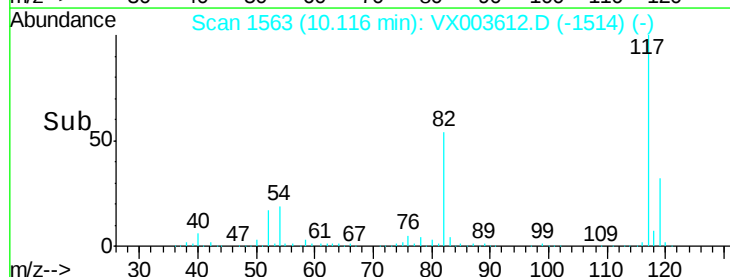
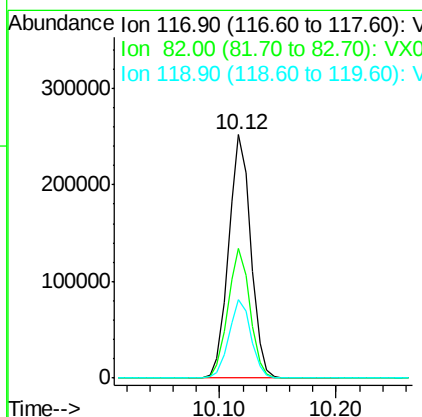
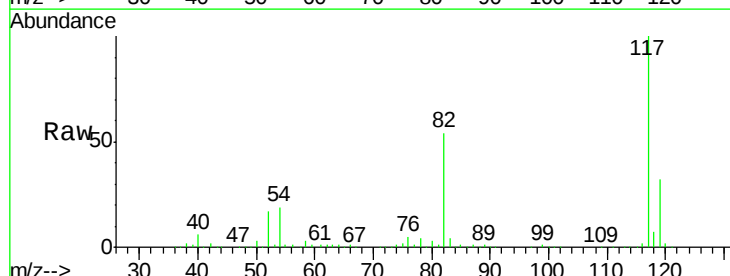
Instrument :
MSVOA_X
ClientSampleId :
YT-MW-6

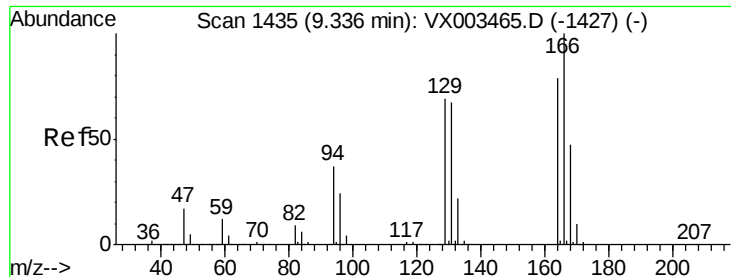
Tot Ion: 95 Resp: 170615
Ion Ratio Lower Upper
95 100
174 96.1 0.0 187.4
176 92.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003612.D
Acq: 23 Jul 2018 18:43

Tgt Ion: 117 Resp: 333733
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 32.0 25.8 38.6





#64

Tetrachloroethene

Concen: 5.83 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003612.D

Acq: 23 Jul 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-6

Tot Ion:164 Resp: 23704

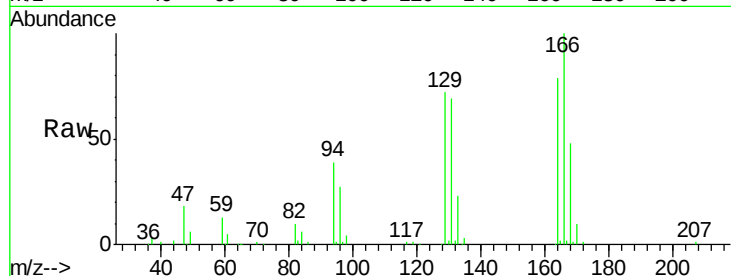
Ion Ratio Lower Upper

164 100

166 125.9 102.9 154.3

129 90.2 68.6 102.8

131 86.9 66.8 100.2

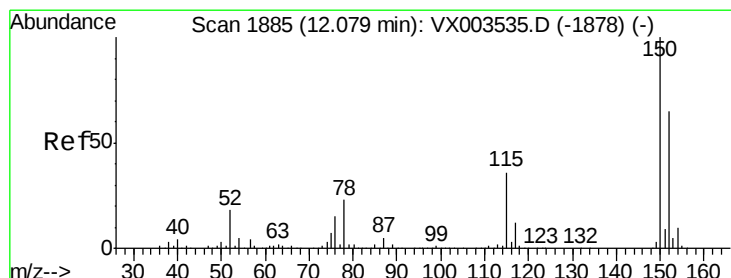
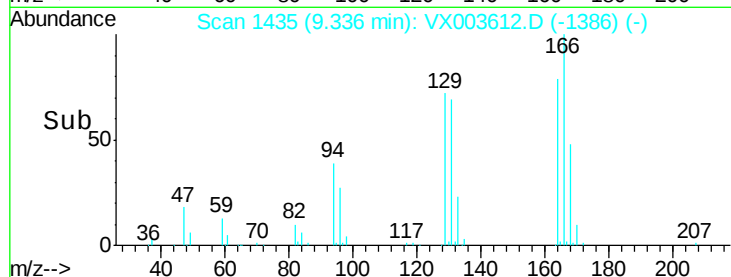
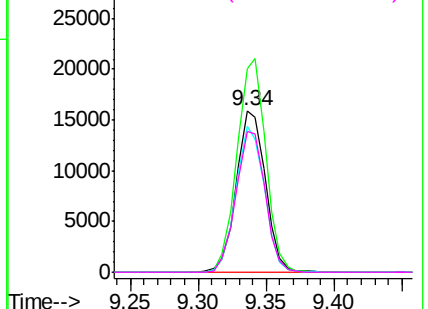


Abundance Ion 163.80 (163.50 to 164.50): V

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# 1885

Delta R.T. 0.00 min

Lab File: VX003612.D

Acq: 23 Jul 2018 18:43

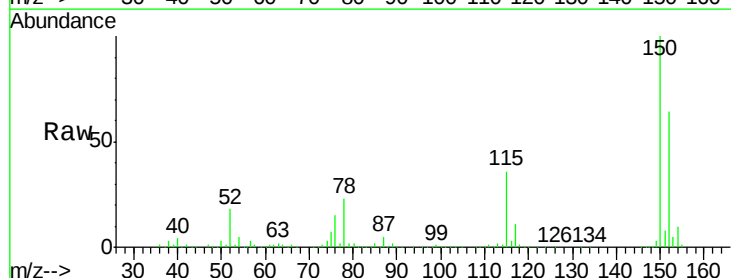
Tgt Ion:152 Resp: 181520

Ion Ratio Lower Upper

152 100

115 54.3 40.1 120.2

150 155.8 0.0 347.2



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

