

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009048.D
 Acq On : 18 Apr 2019 16:55
 Operator : JC/SP
 Sample : K2449-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW304-190416

Quant Time: Apr 19 09:27:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

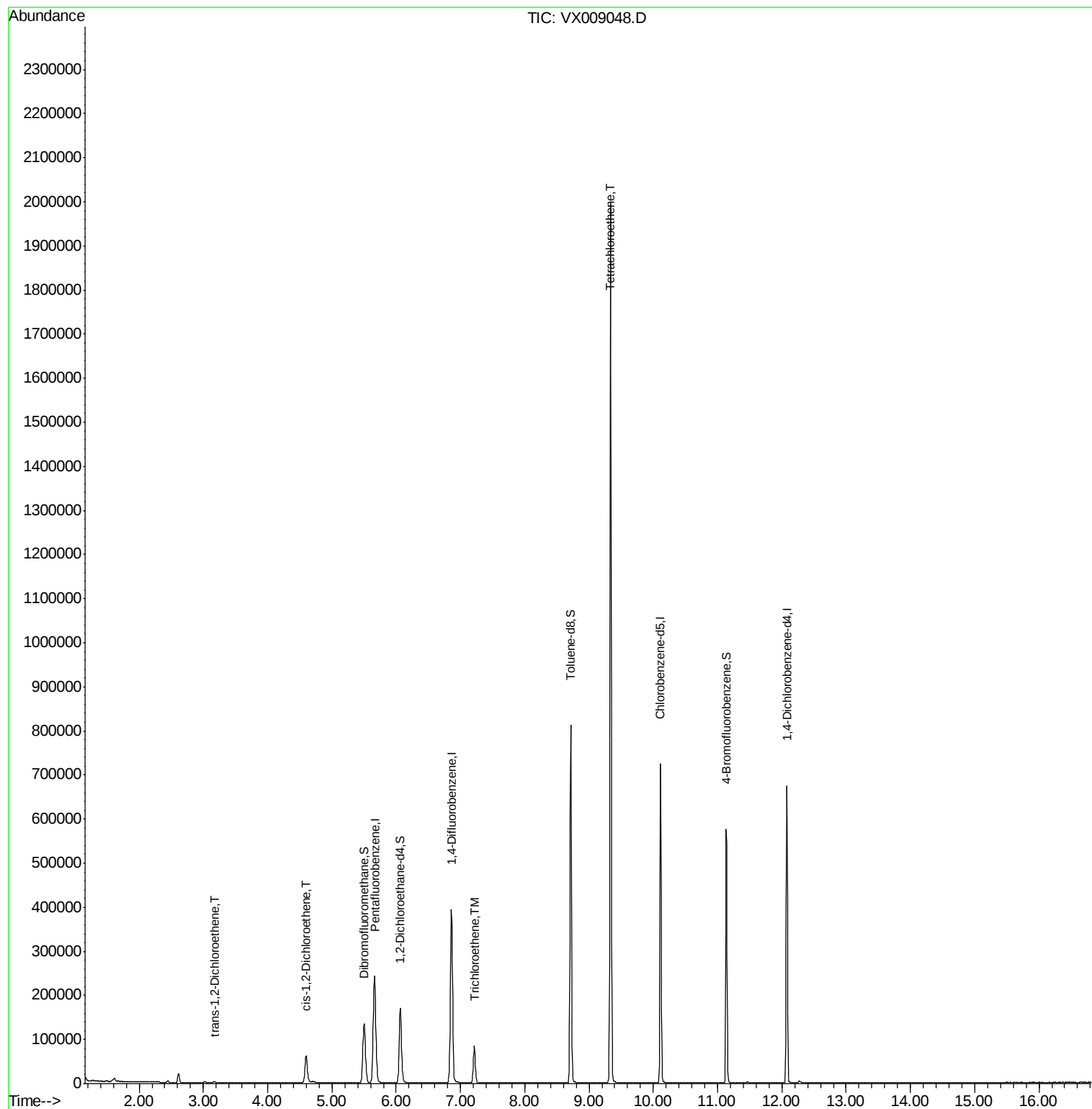
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383949	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	160123	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	5.50	113	117520	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	8.71	98	475012	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	154527	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	1356	0.504	ug/l #	78
27) cis-1,2-Dichloroethene	4.60	96	38147	12.487	ug/l	91
44) Trichloroethene	7.21	130	32029	11.159	ug/l	98
64) Tetrachloroethene	9.34	164	371228	149.382	ug/l	99

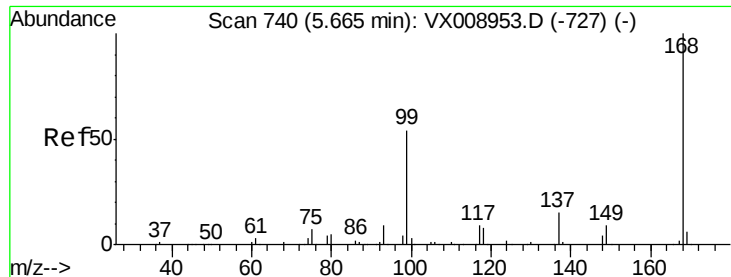
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009048.D

Acq: 18 Apr 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

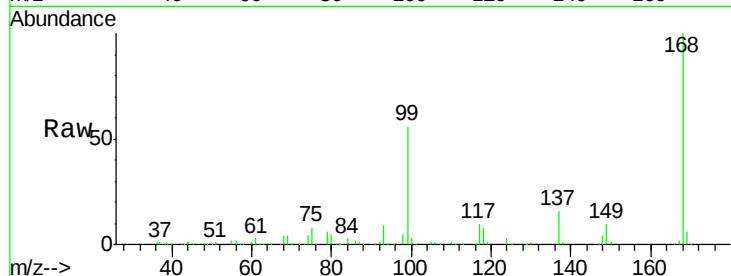
SS037MW304-190416

Tot Ion:168 Resp: 235241

Ion Ratio Lower Upper

168 100

99 56.4 43.0 64.6

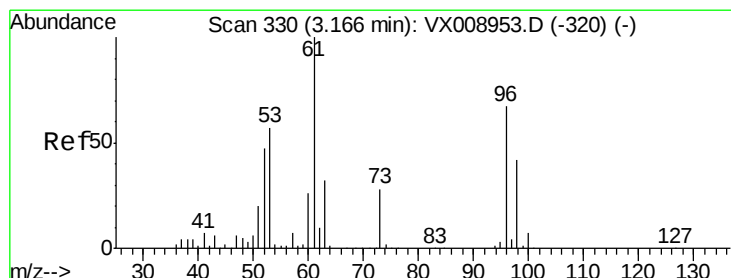
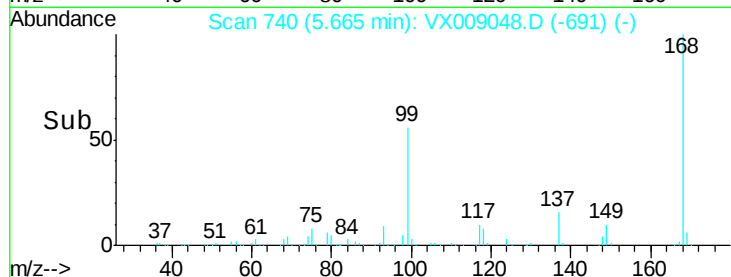


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#21

trans-1,2-Dichloroethene

Concen: 0.504 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009048.D

Acq: 18 Apr 2019 16:55

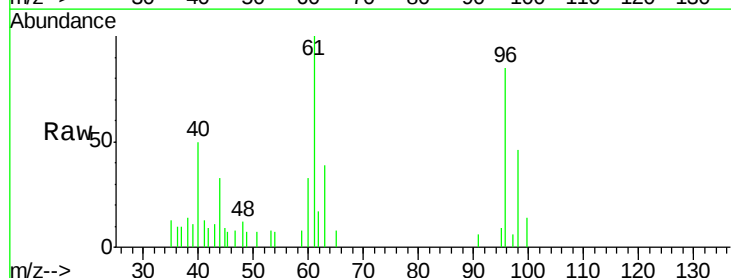
Tgt Ion: 96 Resp: 1356

Ion Ratio Lower Upper

96 100

61 117.8 120.3 180.5#

98 53.6 50.2 75.2



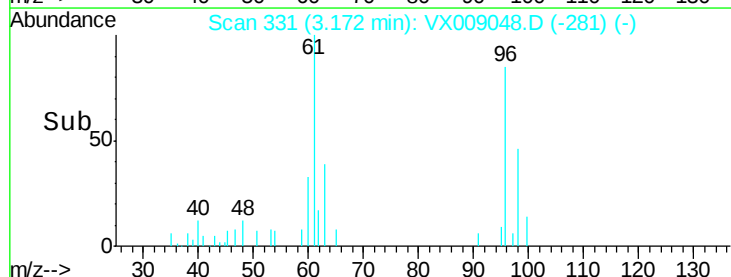
Abundance Ion 95.90 (95.60 to 96.60): VX0

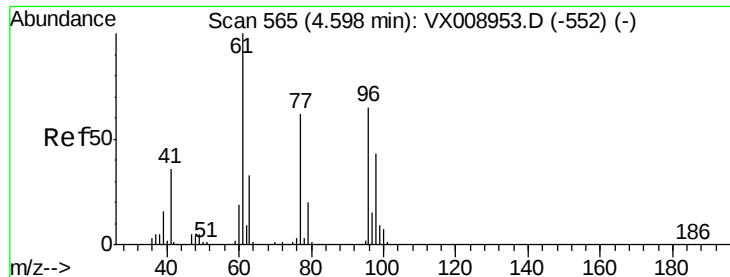
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

3.17

Time--> 3.10 3.15 3.20 3.25



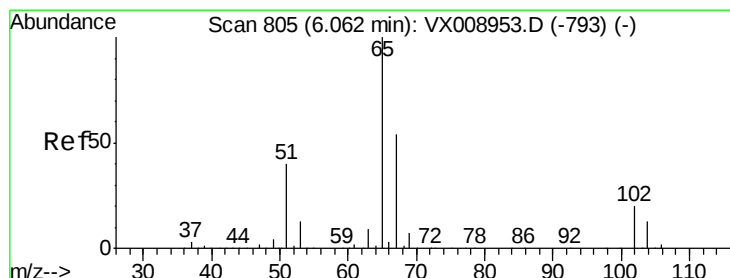
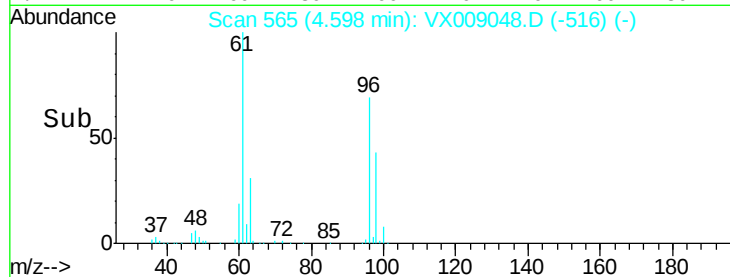
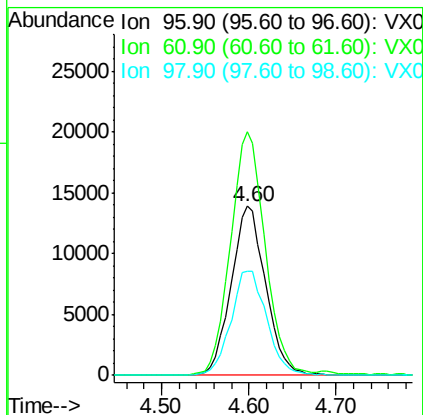
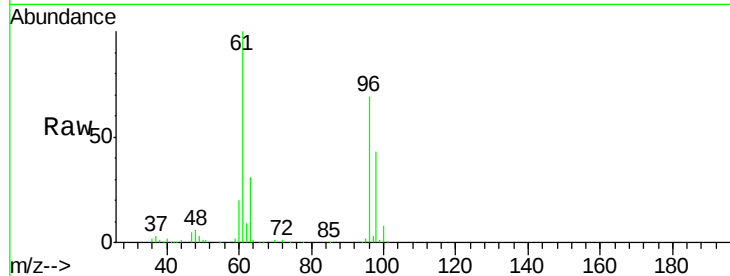


#27

cis-1,2-Dichloroethene
 Concen: 12.487 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009048.D
 Acq: 18 Apr 2019 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW304-190416

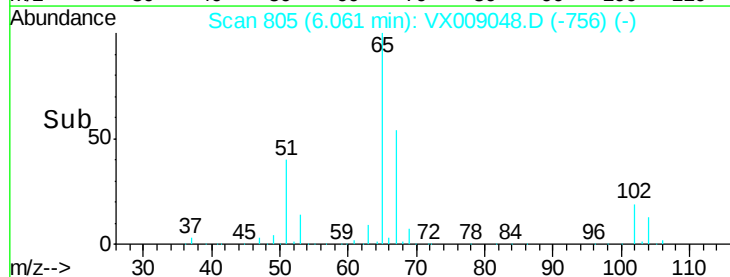
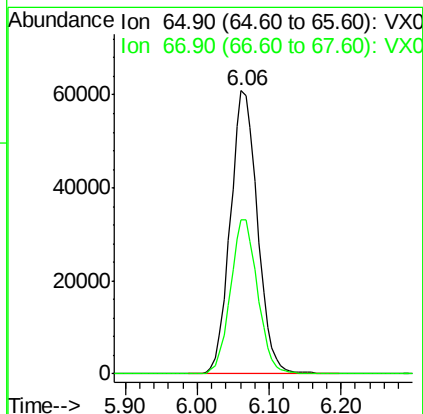
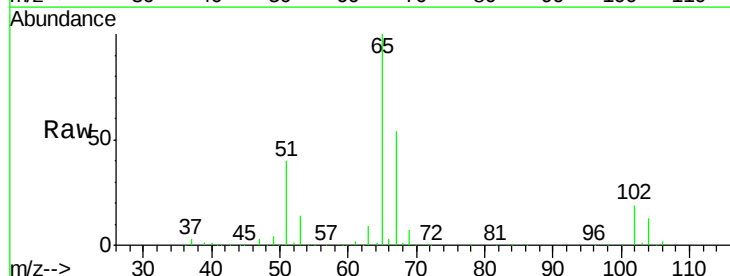
Tot Ion	96	Resp	38147
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	322.0
98	64.0	0.0	128.4

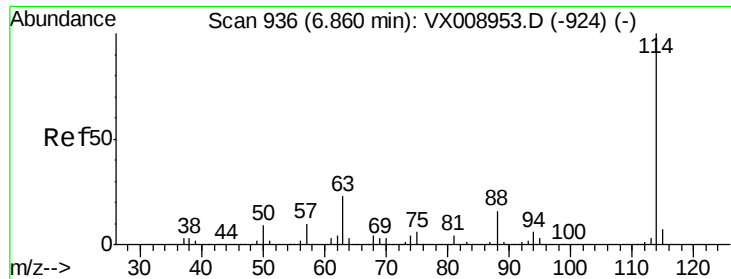


#33

1,2-Dichloroethane-d4
 Concen: 48.299 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009048.D
 Acq: 18 Apr 2019 16:55

Tgt Ion	65	Resp	160123
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	108.6

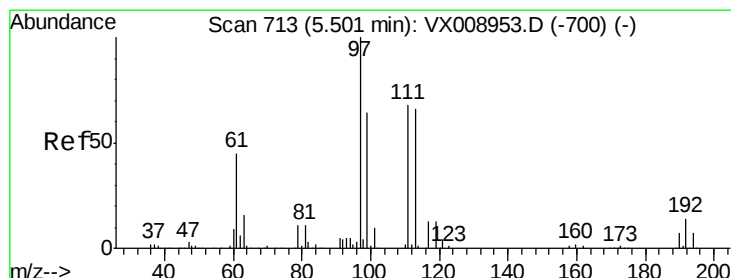
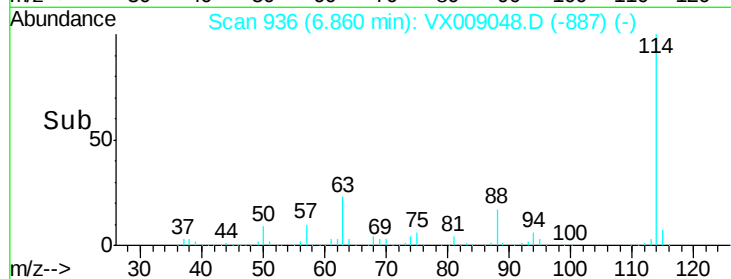
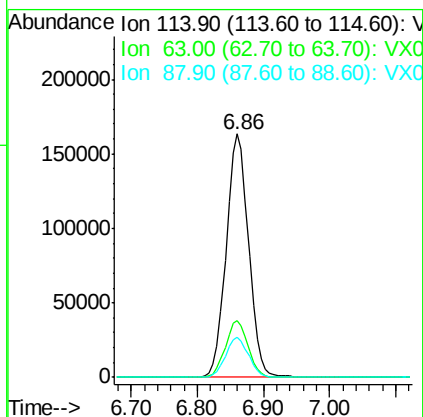
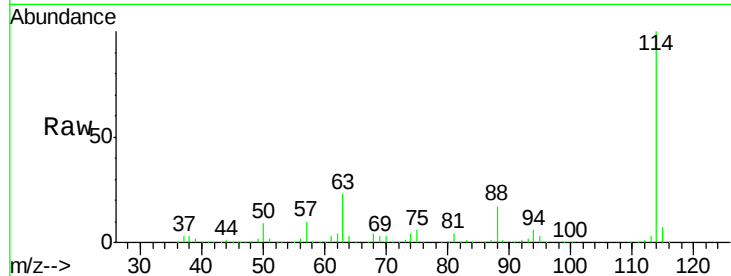




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009048.D
 Acq: 18 Apr 2019 16:55

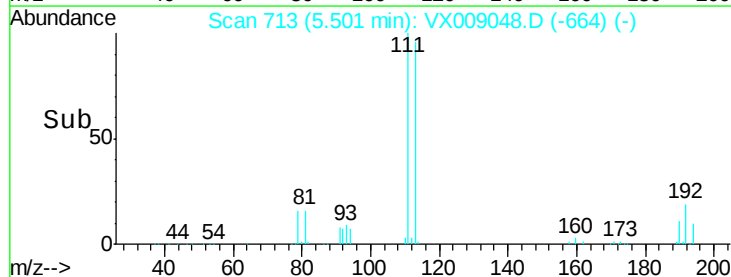
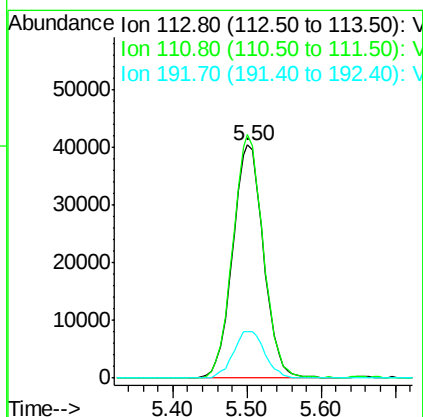
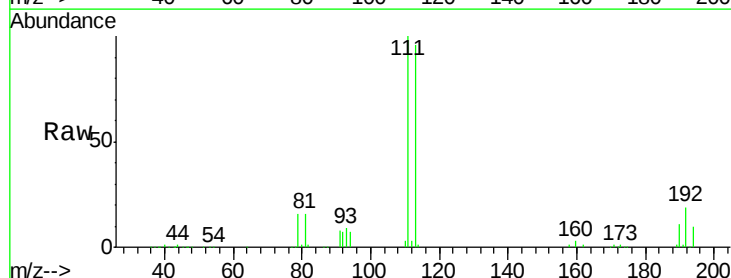
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW304-190416

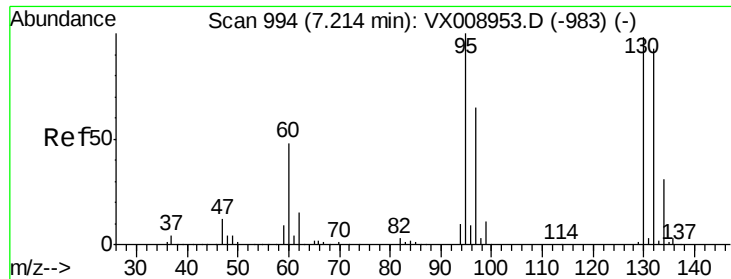
Tot Ion:114 Resp: 383949
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.0
 88 16.7 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 47.693 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009048.D
 Acq: 18 Apr 2019 16:55

Tgt Ion:113 Resp: 117520
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 20.5 17.4 26.0





#44

Trichloroethene

Concen: 11.159 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009048.D

Acq: 18 Apr 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

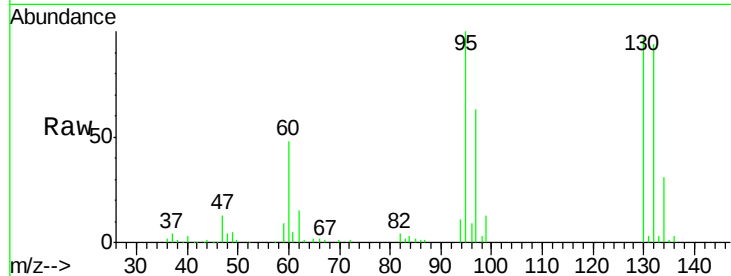
SS037MW304-190416

Tot Ion:130 Resp: 32029

Ion Ratio Lower Upper

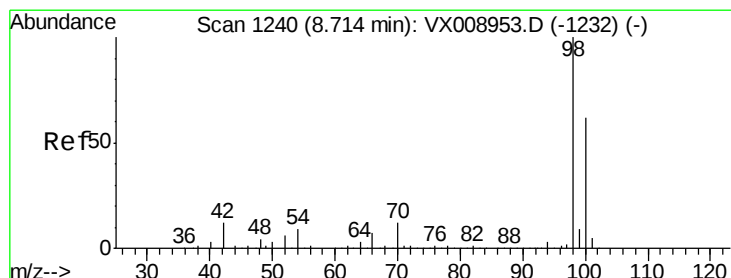
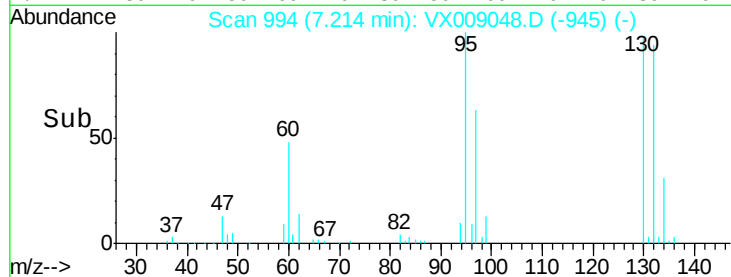
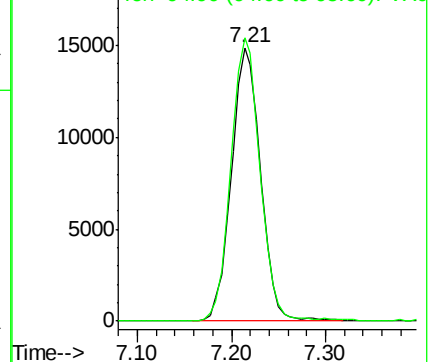
130 100

95 103.5 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.338 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009048.D

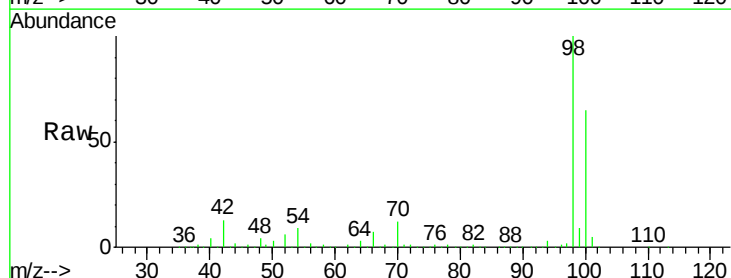
Acq: 18 Apr 2019 16:55

Tgt Ion: 98 Resp: 475012

Ion Ratio Lower Upper

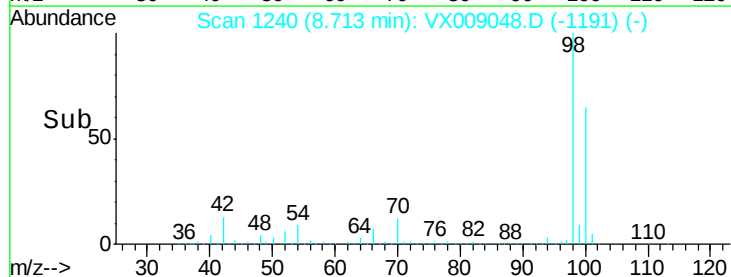
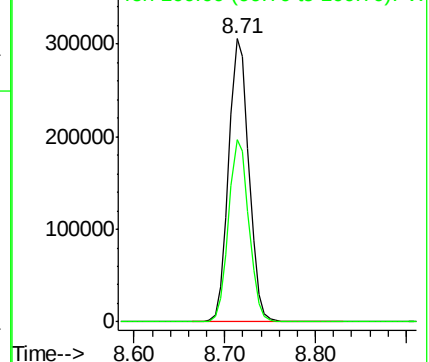
98 100

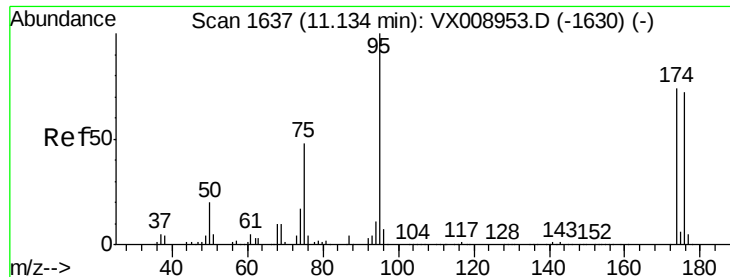
100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

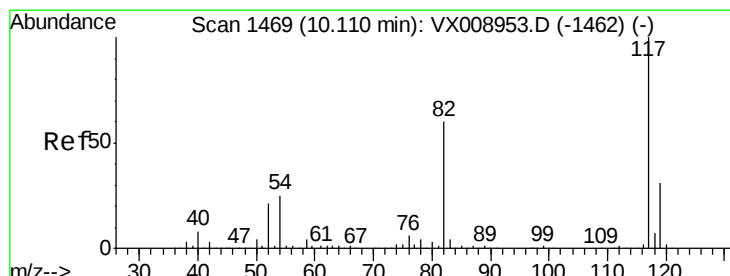
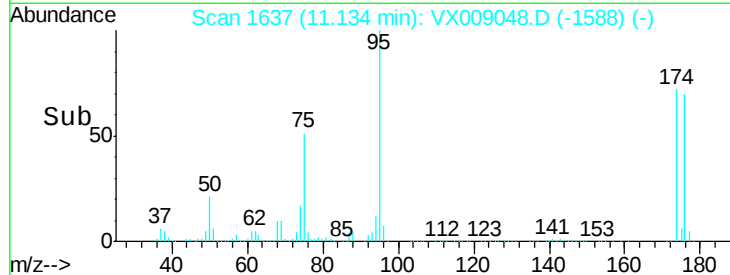
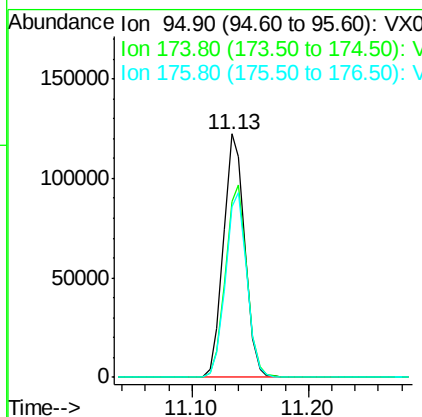
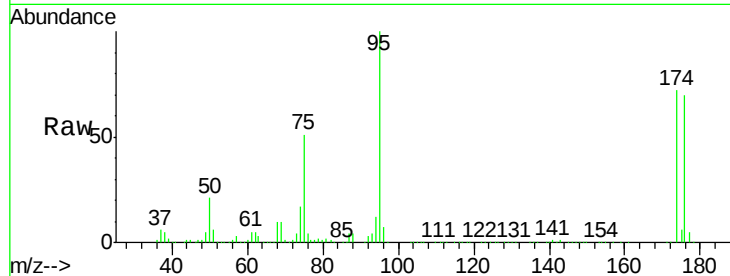




#62
4-Bromofluorobenzene
Concen: 44.546 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009048.D
Acq: 18 Apr 2019 16:55

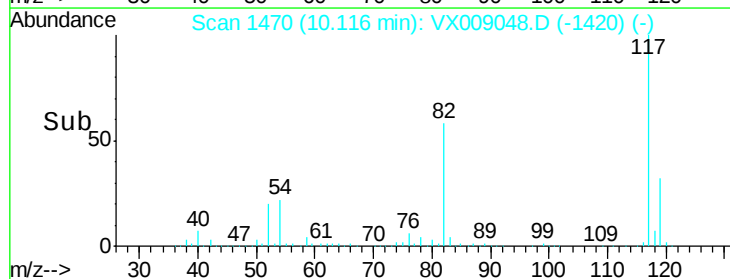
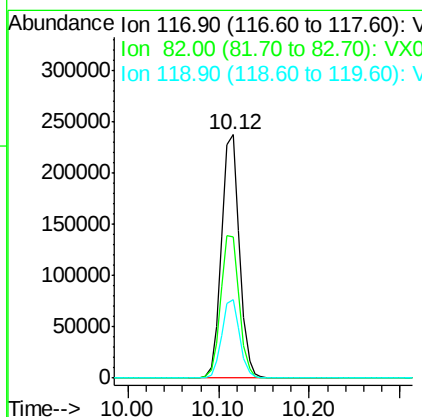
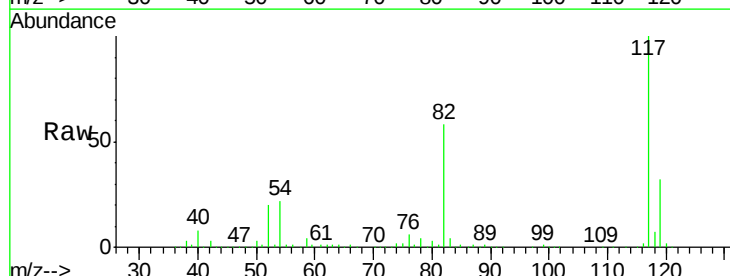
Instrument :
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ClientSampleId :
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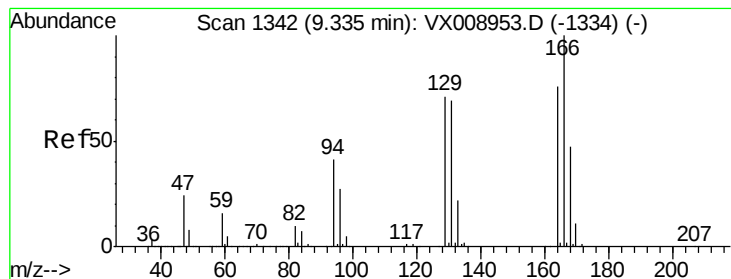
Tot Ion: 95 Resp: 154527
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.6
176 76.2 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009048.D
Acq: 18 Apr 2019 16:55

Tgt Ion: 117 Resp: 327123
Ion Ratio Lower Upper
117 100
82 57.8 48.2 72.4
119 32.4 25.0 37.6





#64

Tetrachloroethene

Concen: 149.382 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009048.D

Acq: 18 Apr 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

SS037MW304-190416

Tot Ion:164 Resp: 371228

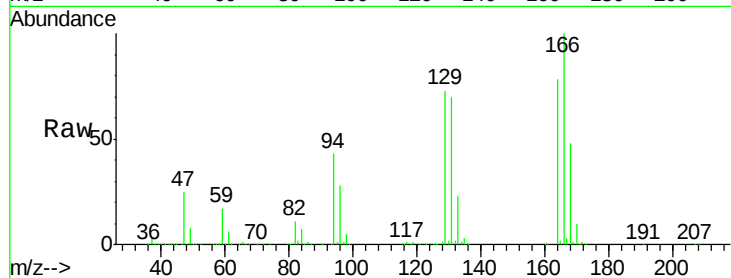
Ion Ratio Lower Upper

164 100

166 128.9 105.0 157.4

129 93.5 74.2 111.4

131 90.7 72.2 108.2

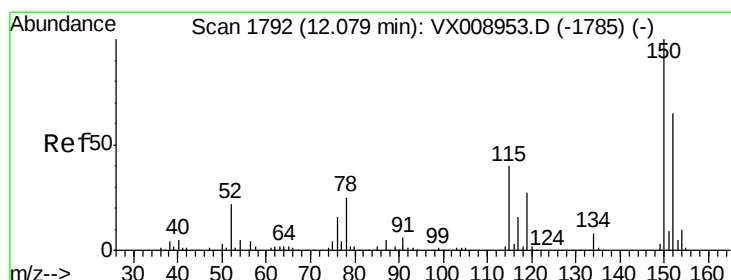
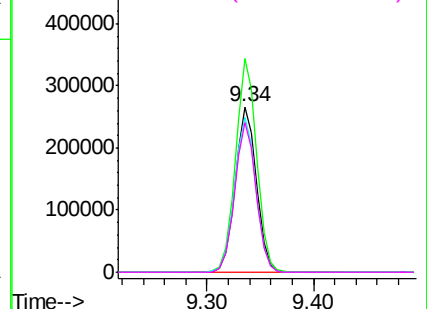
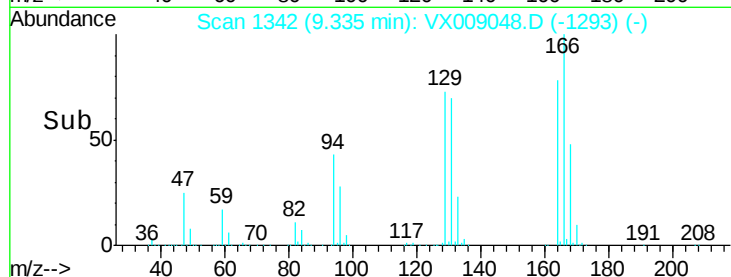


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009048.D

Acq: 18 Apr 2019 16:55

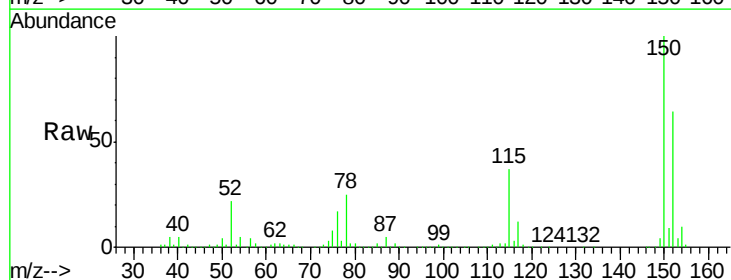
Tgt Ion:152 Resp: 137775

Ion Ratio Lower Upper

152 100

115 59.5 41.4 124.2

150 156.5 0.0 349.8



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

