

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009634.D
 Acq On : 17 May 2019 02:30
 Operator : JC/SP
 Sample : K2887-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW733-190515

Quant Time: May 17 07:52:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

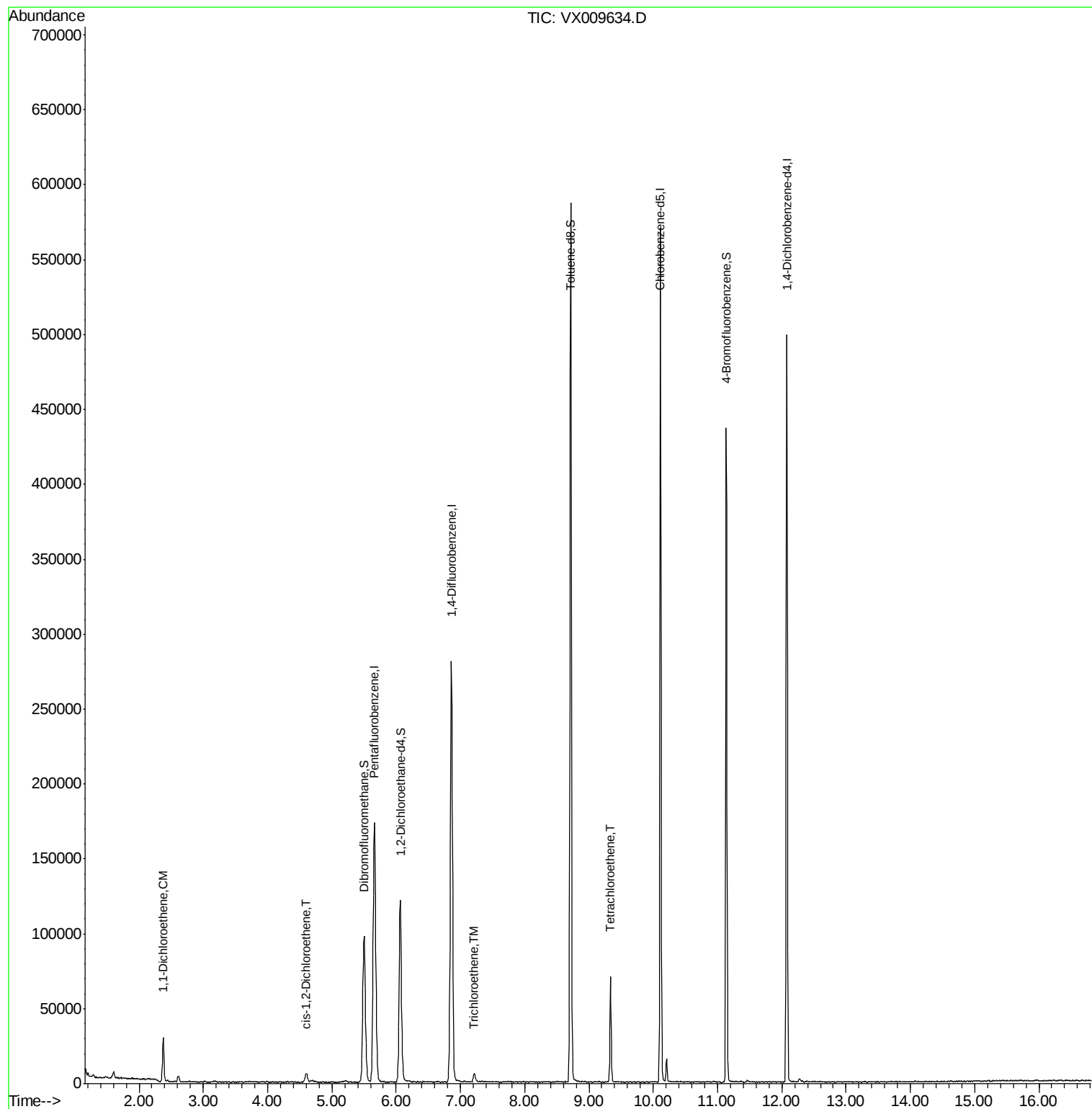
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	272323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	99474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	115089	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	5.50	113	83590	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	341889	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	111583	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	9704	6.044	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	3297	1.586	ug/l	94
44) Trichloroethene	7.21	130	2248	1.187	ug/l	100
64) Tetrachloroethene	9.34	164	13567	8.282	ug/l	99

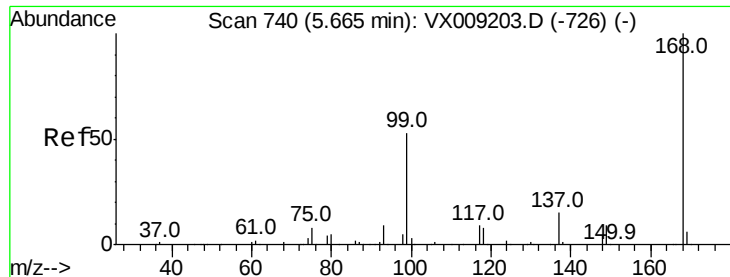
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009634.D

Acq: 17 May 2019 02:30

Instrument :

MSVOA_X

ClientSampleId :

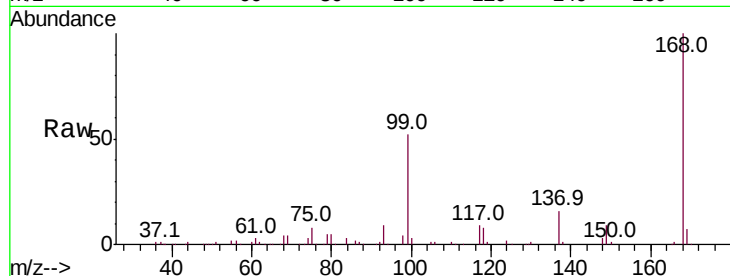
SS052MW733-190515

Tot Ion:168 Resp: 171103

Ion Ratio Lower Upper

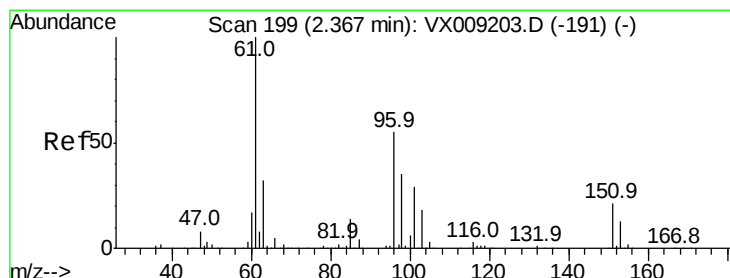
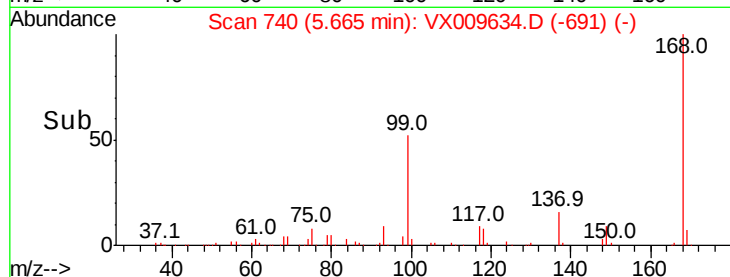
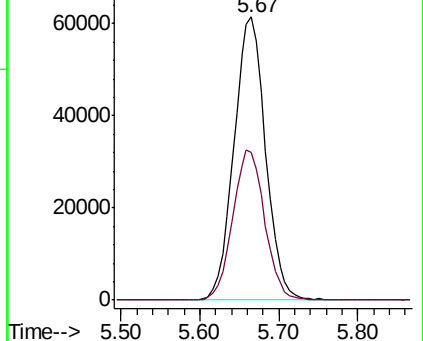
168 100

99 52.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 6.044 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX009634.D

Acq: 17 May 2019 02:30

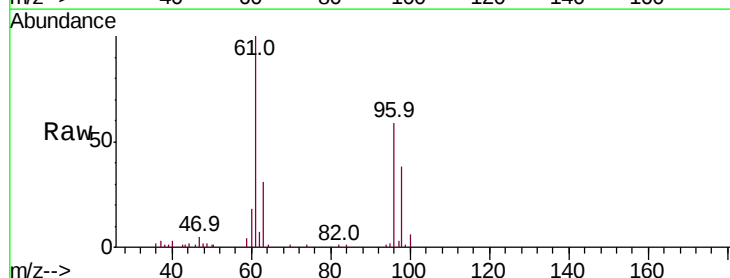
Tgt Ion: 96 Resp: 9704

Ion Ratio Lower Upper

96 100

61 169.0 144.3 216.5

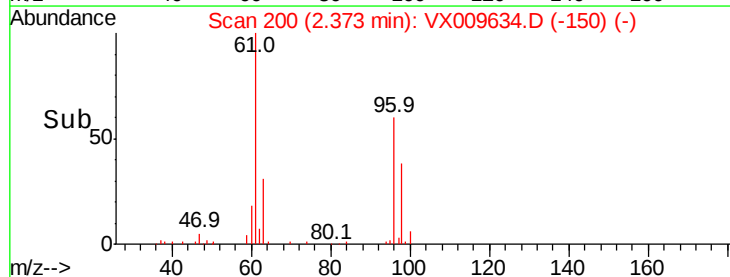
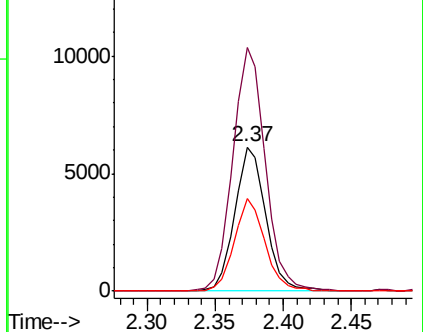
98 64.5 50.3 75.5

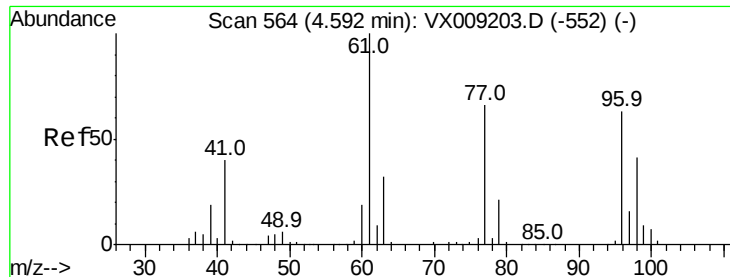


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



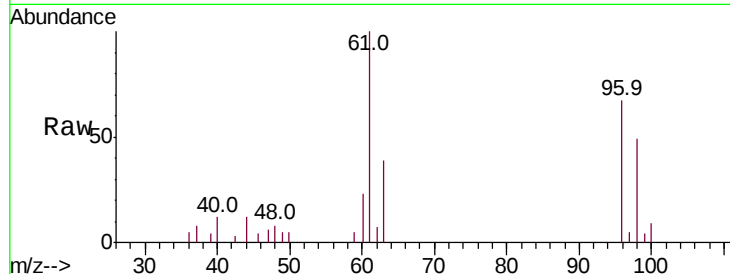


#27

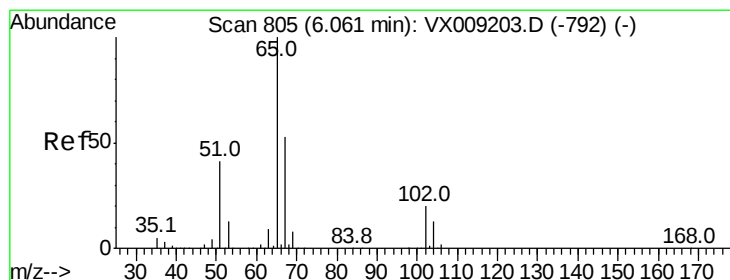
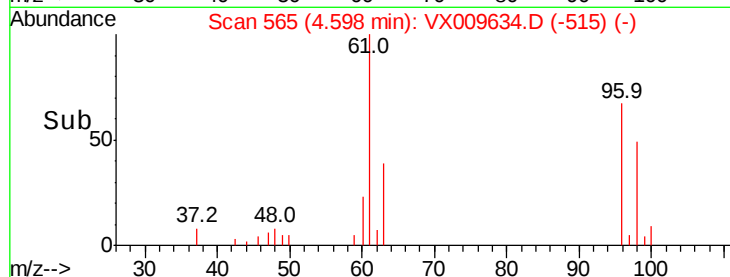
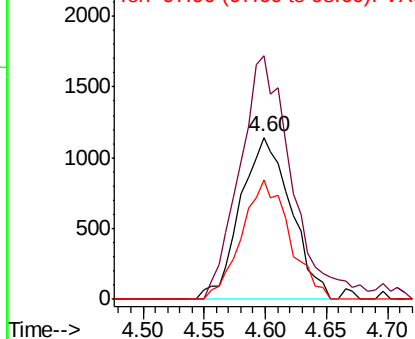
cis-1,2-Dichloroethene
Concen: 1.586 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009634.D
Acq: 17 May 2019 02:30

Instrument :
MSVOA_X
ClientSampleId :
SS052MW733-190515

Tot Ion: 96 Resp: 3297
Ion Ratio Lower Upper
96 100
61 154.7 0.0 324.0
98 69.5 0.0 130.4



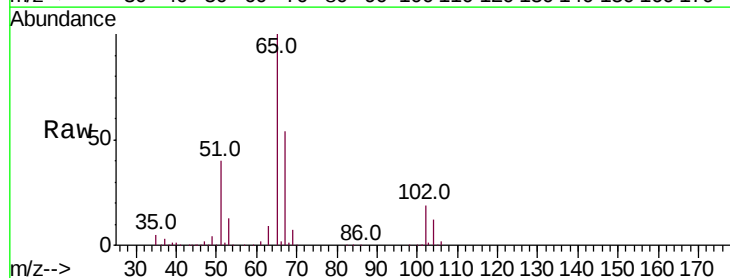
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



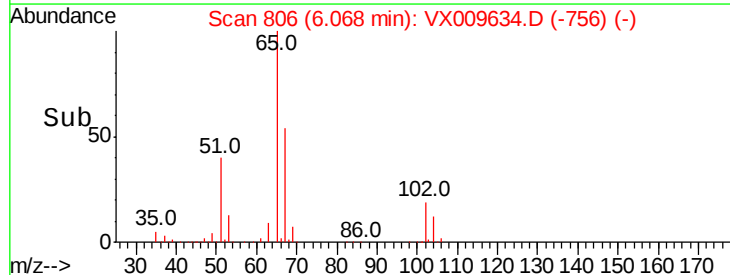
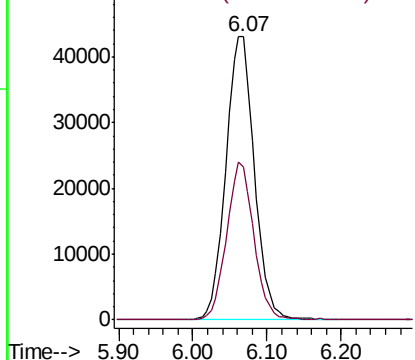
#33

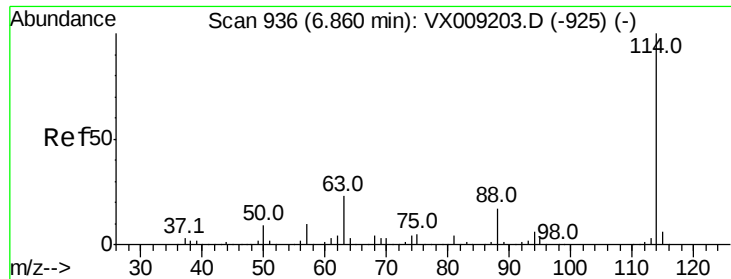
1,2-Dichloroethane-d4
Concen: 49.273 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX009634.D
Acq: 17 May 2019 02:30

Tgt Ion: 65 Resp: 115089
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

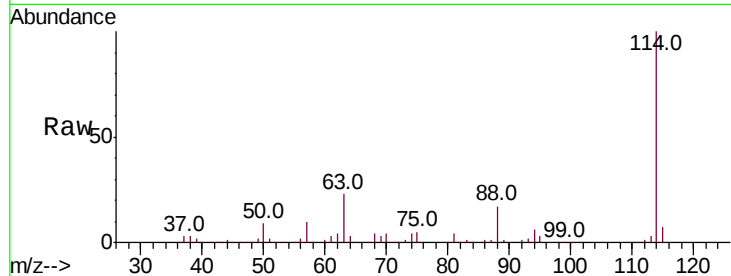




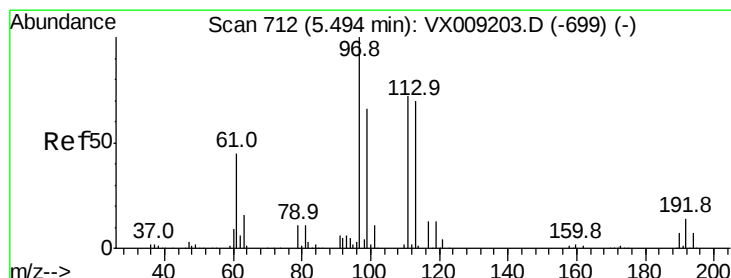
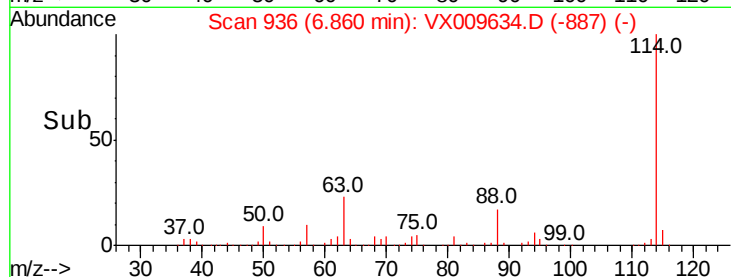
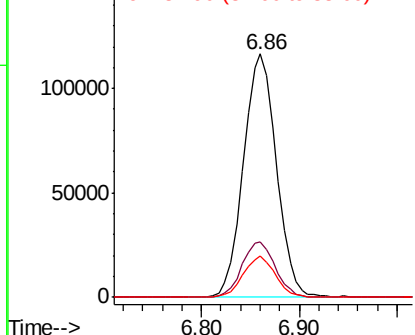
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009634.D
 Acq: 17 May 2019 02:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW733-190515

Tot Ion:114 Resp: 272323
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 17.0 0.0 33.2

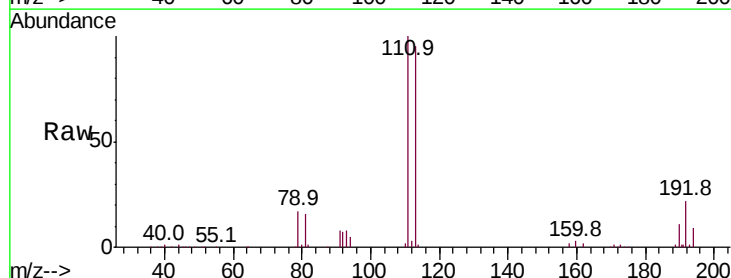


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

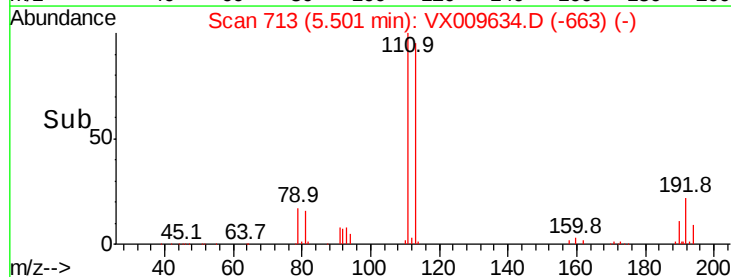
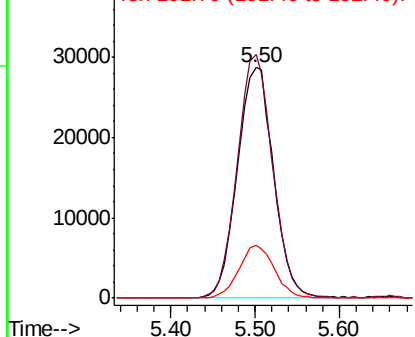


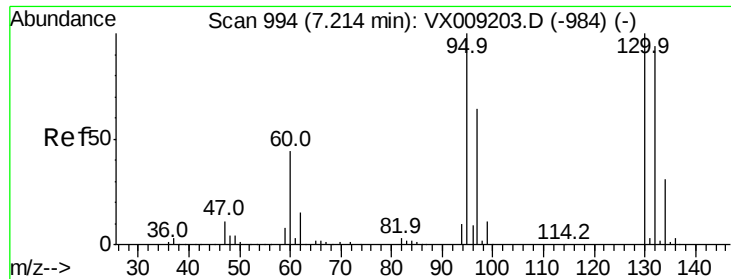
#35
 Dibromofluoromethane
 Concen: 48.828 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009634.D
 Acq: 17 May 2019 02:30

Tgt Ion:113 Resp: 83590
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.8 124.2
 192 22.5 17.0 25.6



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

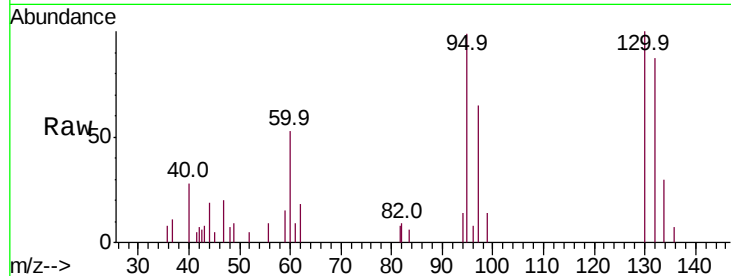




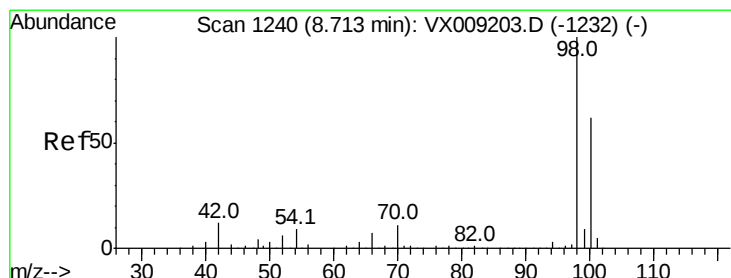
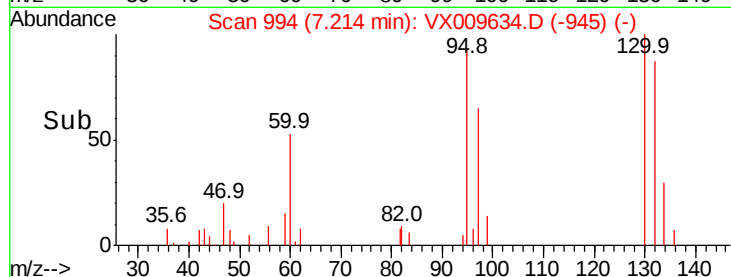
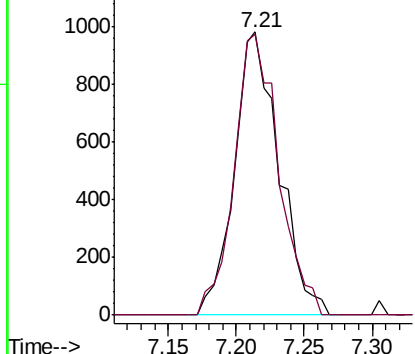
#44
 Trichloroethene
 Concen: 1.187 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009634.D
 Acq: 17 May 2019 02:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW733-190515

Tot Ion:130 Resp: 2248
 Ion Ratio Lower Upper
 130 100
 95 99.4 0.0 199.2

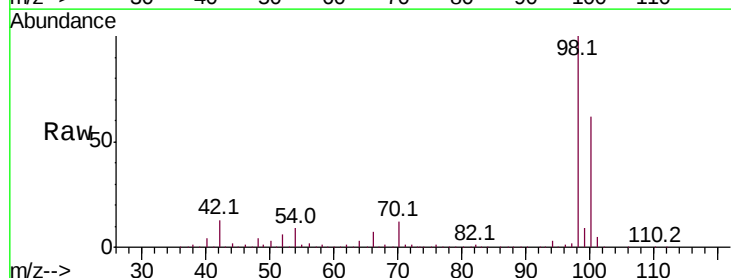


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

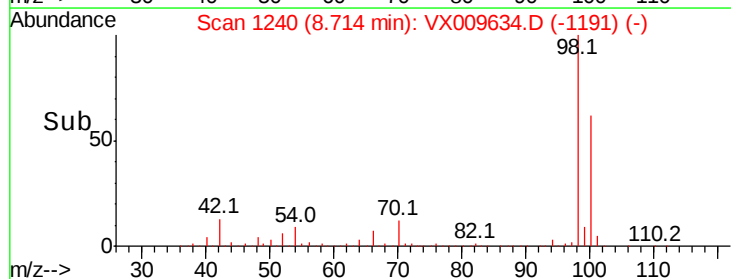
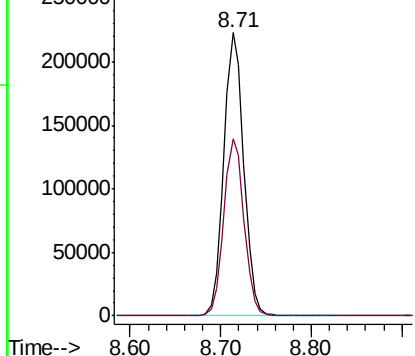


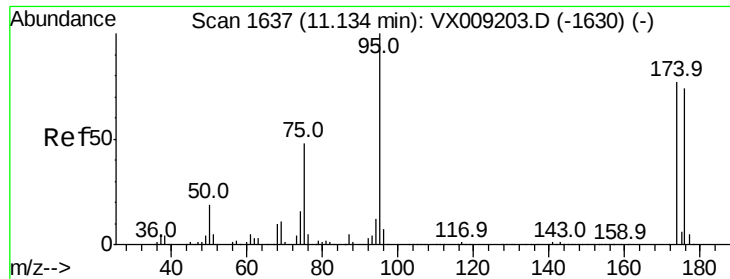
#50
 Toluene-d8
 Concen: 49.467 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009634.D
 Acq: 17 May 2019 02:30

Tgt Ion: 98 Resp: 341889
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.2 76.8



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





#62

4-Bromofluorobenzene

Concen: 44.431 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009634.D

Acq: 17 May 2019 02:30

Instrument :

MSVOA_X

ClientSampleId :

SS052MW733-190515

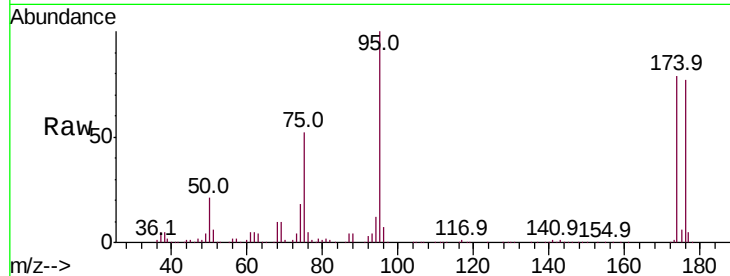
Tot Ion: 95 Resp: 111583

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.6

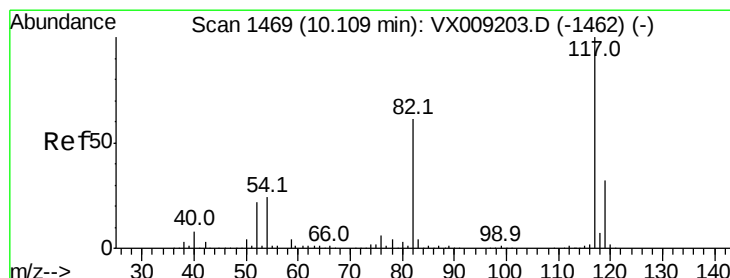
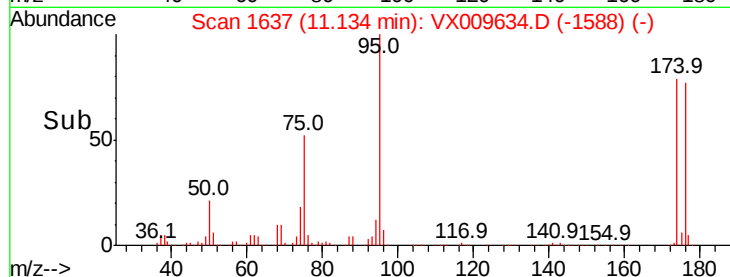
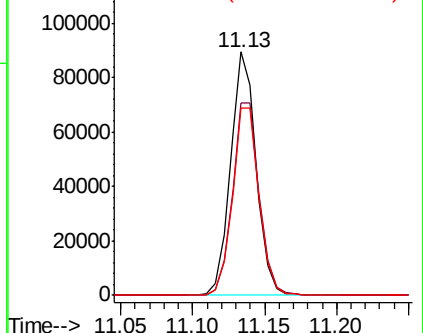
176 79.8 0.0 159.2



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: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009634.D

Acq: 17 May 2019 02:30

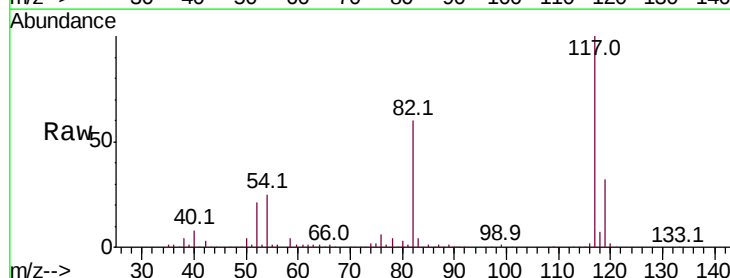
Tgt Ion: 117 Resp: 238802

Ion Ratio Lower Upper

117 100

82 59.7 48.8 73.2

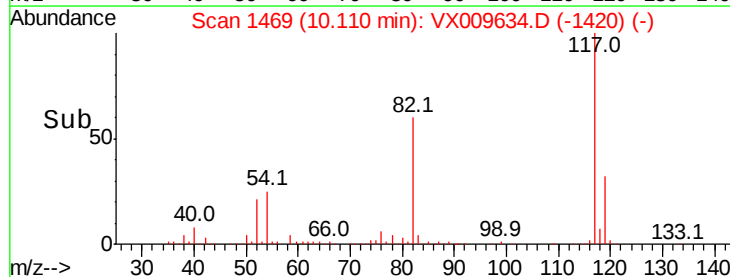
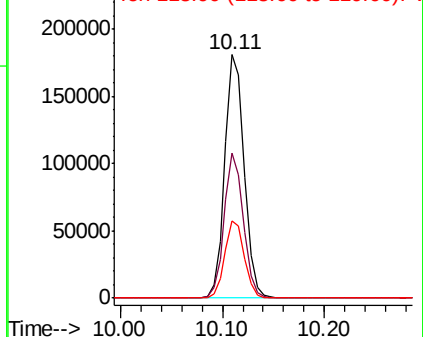
119 31.9 25.8 38.6

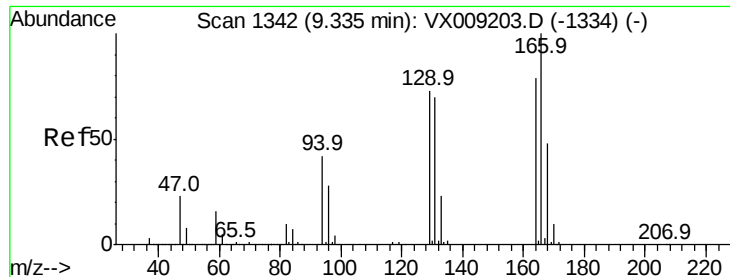


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 8.282 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009634.D

Acq: 17 May 2019 02:30

Instrument :

MSVOA_X

ClientSampleId :

SS052MW733-190515

Tot Ion:164 Resp: 13567

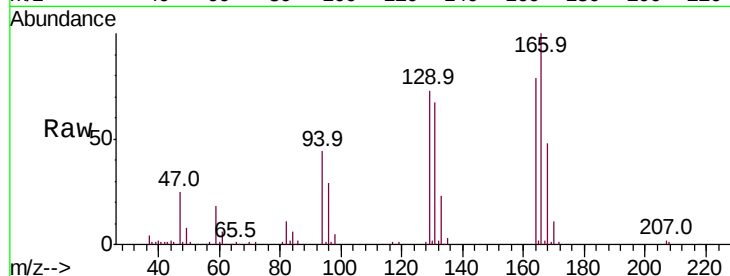
Ion Ratio Lower Upper

164 100

166 127.1 101.2 151.8

129 92.7 74.3 111.5

131 85.5 71.0 106.6

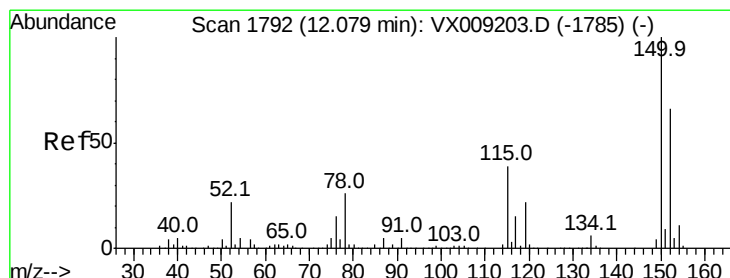
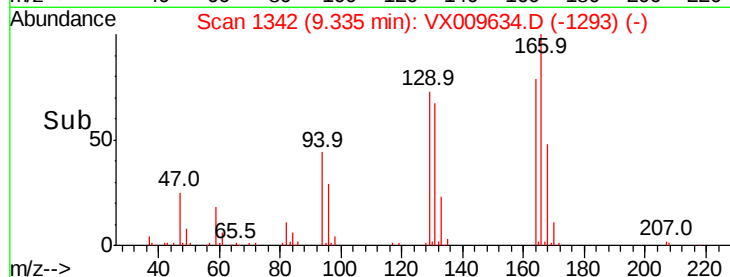
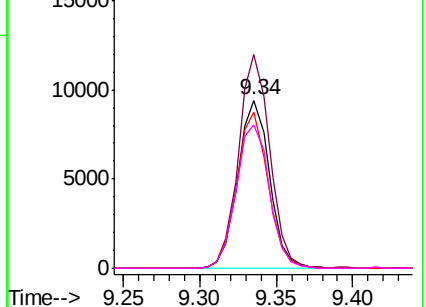


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX009634.D

Acq: 17 May 2019 02:30

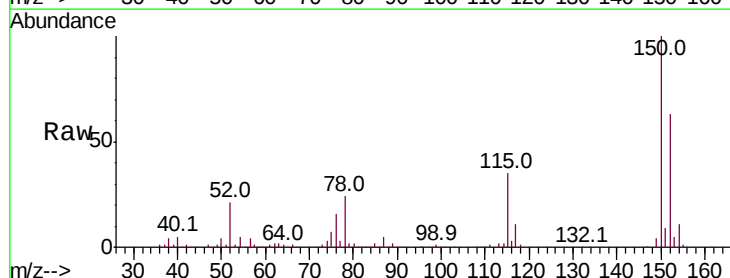
Tgt Ion:152 Resp: 99474

Ion Ratio Lower Upper

152 100

115 58.4 41.2 123.6

150 159.2 0.0 346.4



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

