

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041819\
 Data File : VX009043.D
 Acq On : 18 Apr 2019 14:58
 Operator : JC/SP
 Sample : K2449-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW303-190415

Quant Time: Apr 19 09:21:27 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

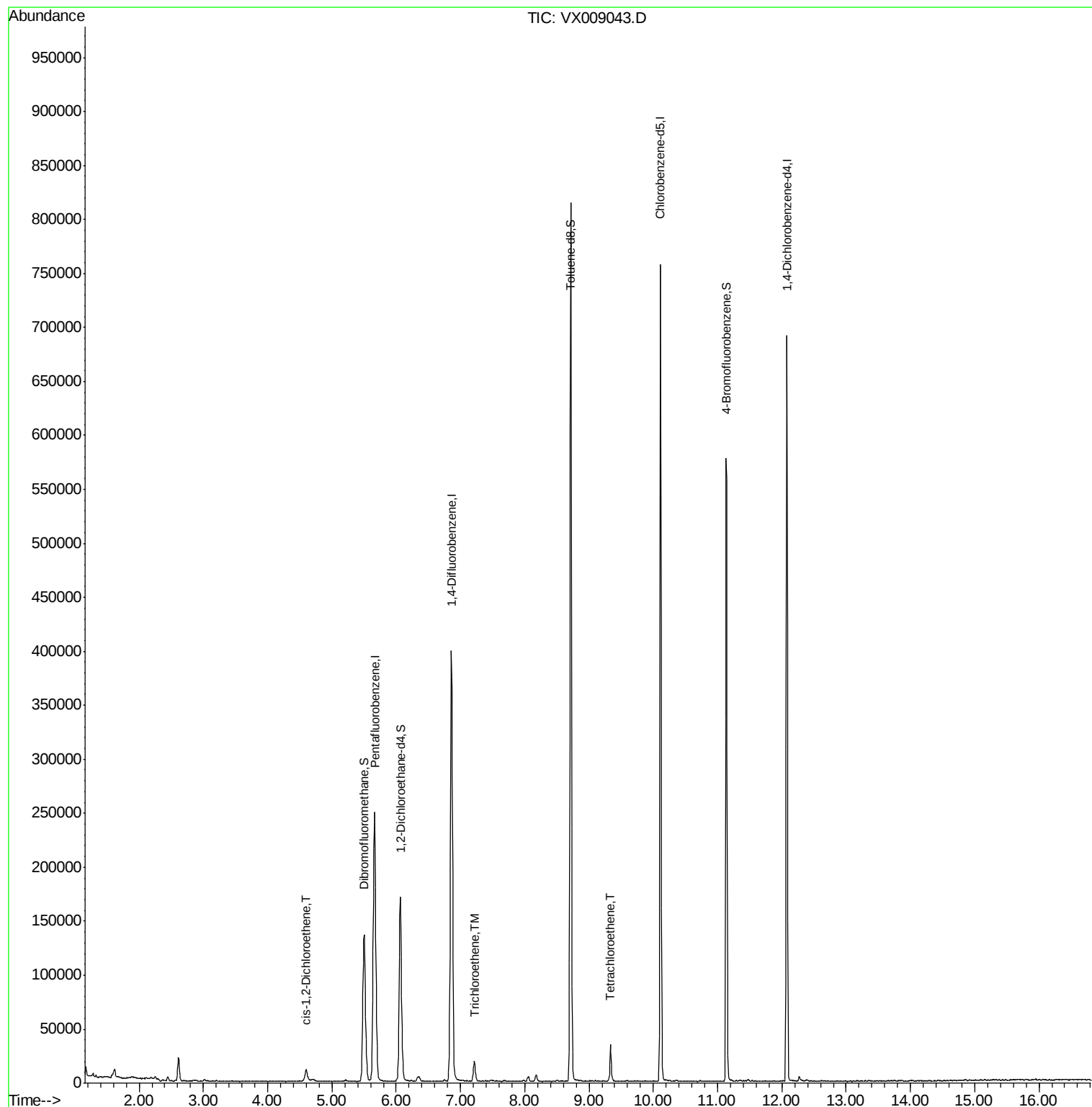
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	238633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	328087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161924	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	5.50	113	117650	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
50) Toluene-d8	8.71	98	478559	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.13	95	155277	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	6269	2.023	ug/l	92
44) Trichloroethene	7.21	130	6944	2.399	ug/l	93
64) Tetrachloroethene	9.34	164	6375	2.558	ug/l	96

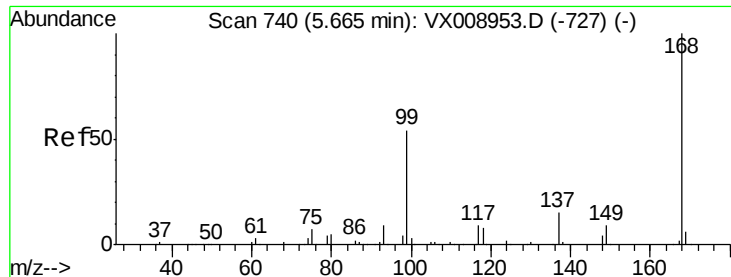
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009043.D

Acq: 18 Apr 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

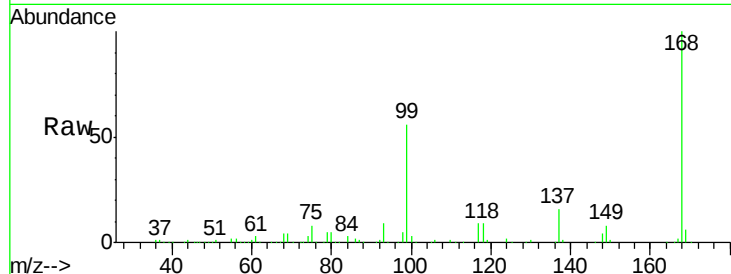
SS040MW303-190415

Tot Ion:168 Resp: 238633

Ion Ratio Lower Upper

168 100

99 56.2 43.0 64.6

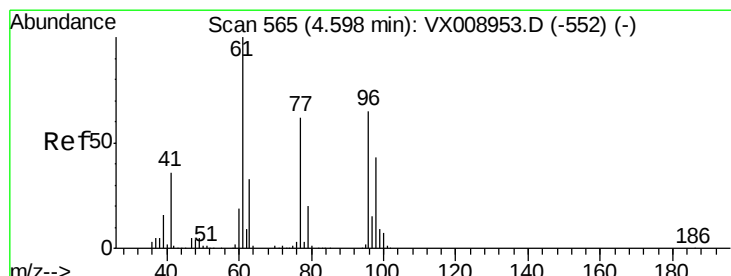
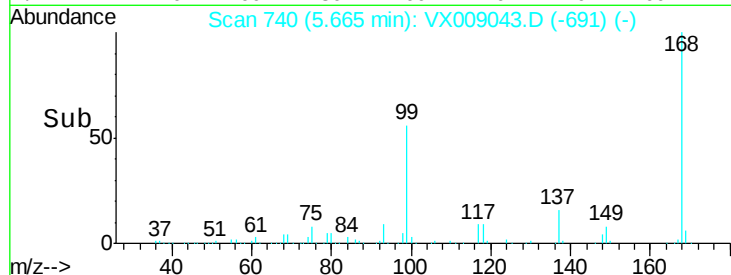


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.023 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX009043.D

Acq: 18 Apr 2019 14:58

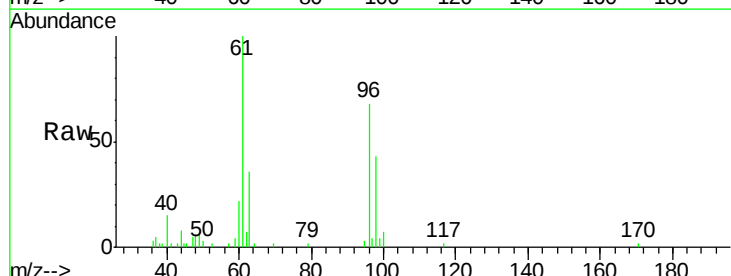
Tgt Ion: 96 Resp: 6269

Ion Ratio Lower Upper

96 100

61 148.2 0.0 322.0

98 67.7 0.0 128.4



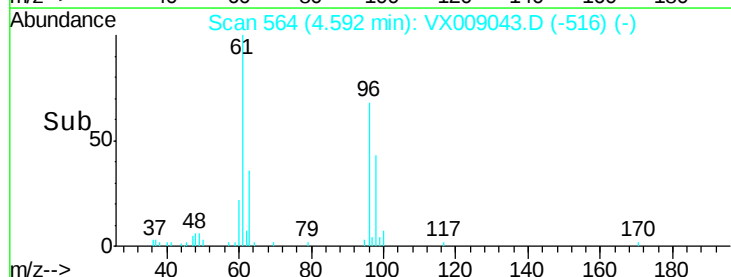
Abundance Ion 95.90 (95.60 to 96.60): VX0

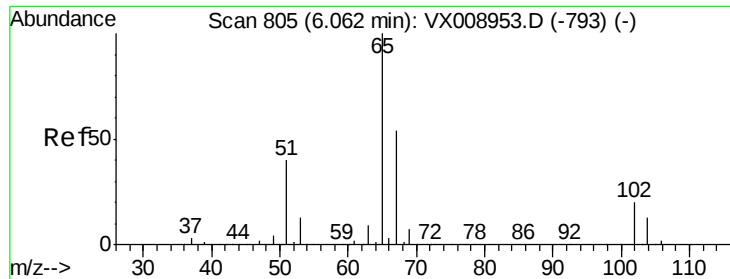
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.59

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.148 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009043.D

Acq: 18 Apr 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

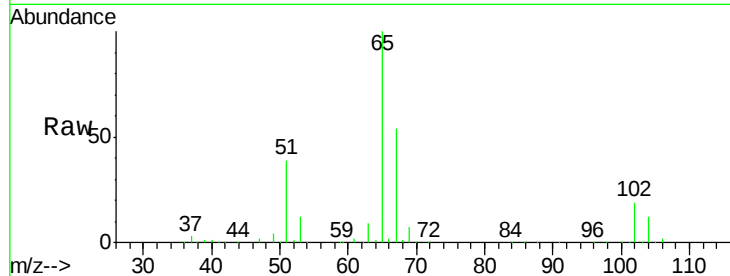
SS040MW303-190415

Tot Ion: 65 Resp: 161924

Ion Ratio Lower Upper

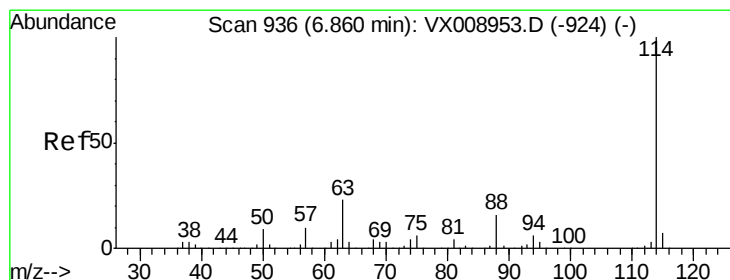
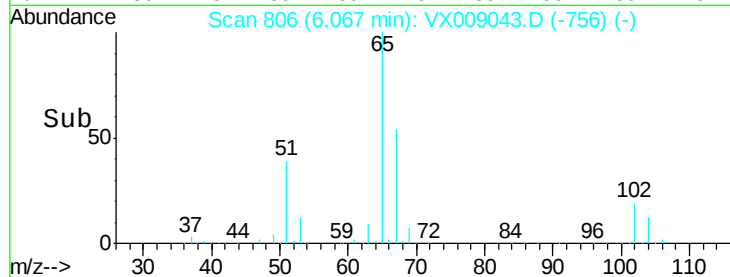
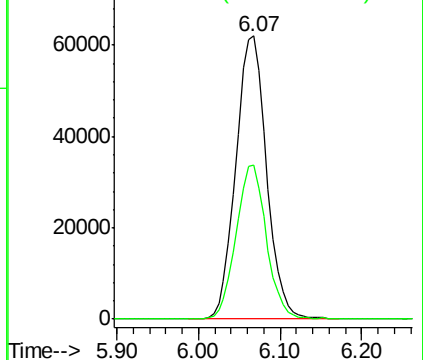
65 100

67 53.8 0.0 108.6



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: VX009043.D

Acq: 18 Apr 2019 14:58

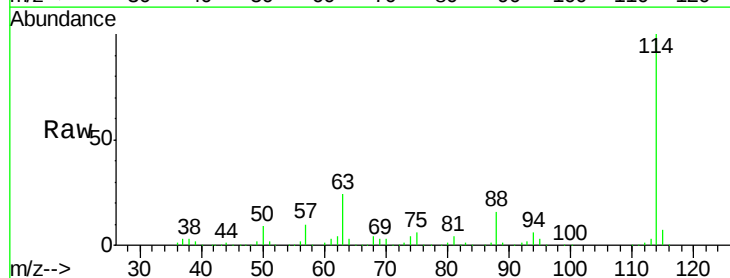
Tgt Ion: 114 Resp: 387157

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.0

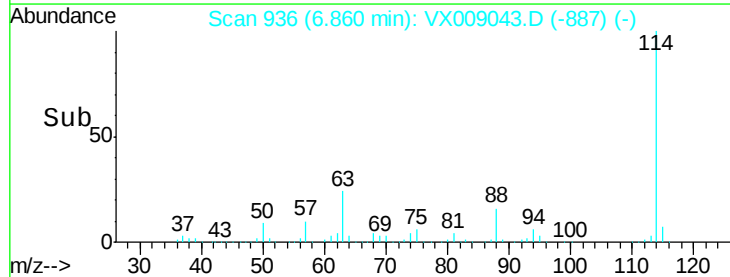
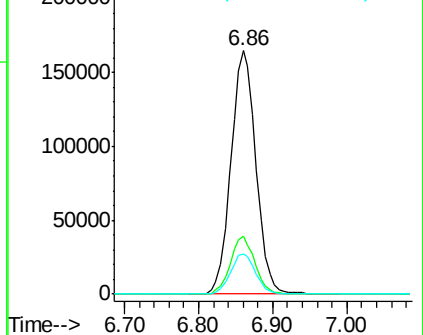
88 16.3 0.0 32.6

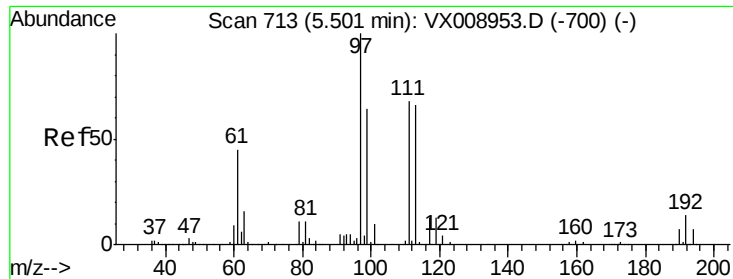


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

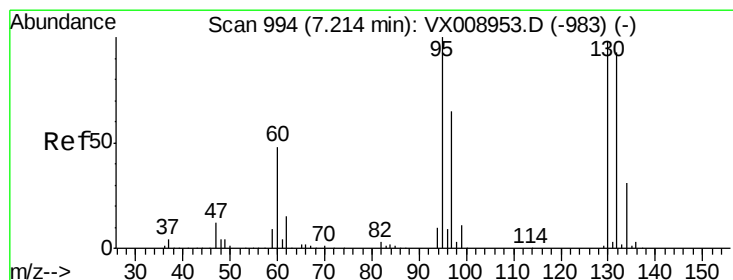
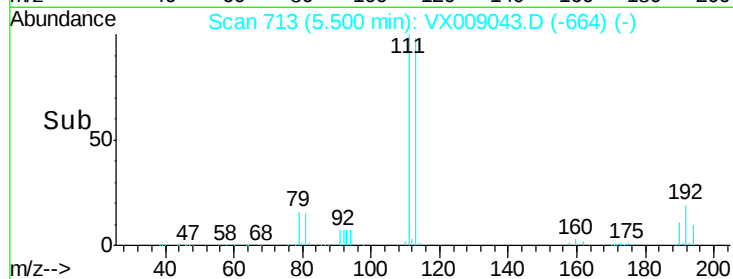
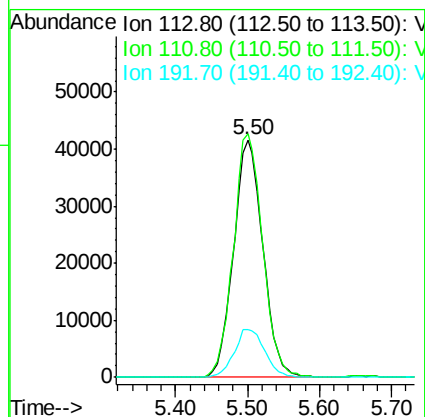
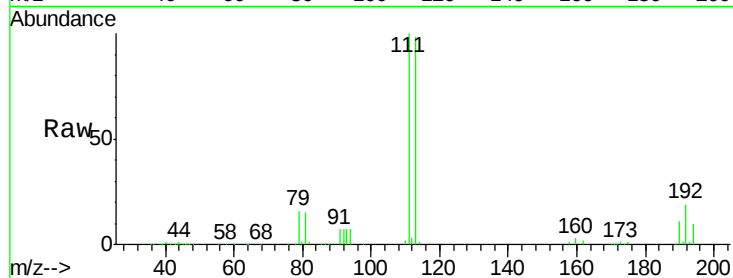




#35
Dibromofluoromethane
Concen: 47.350 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX009043.D
Acq: 18 Apr 2019 14:58

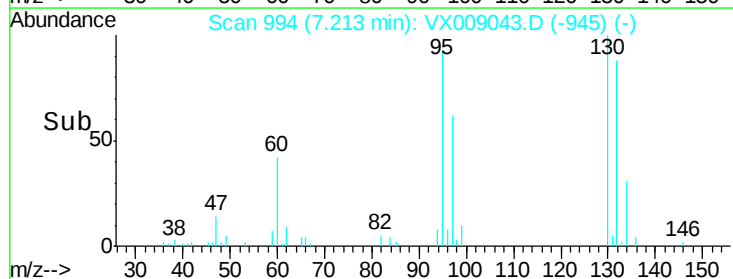
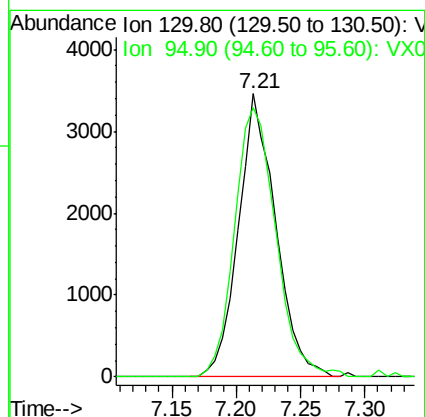
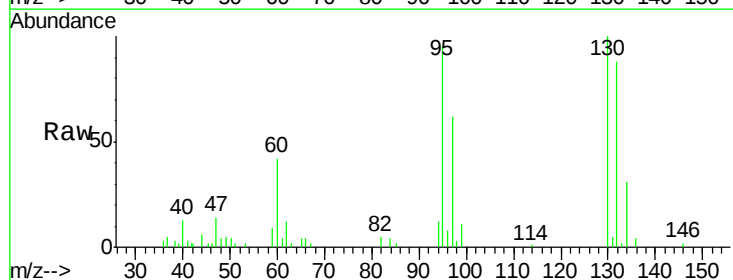
Instrument :
MSVOA_X
ClientSampleId :
SS040MW303-190415

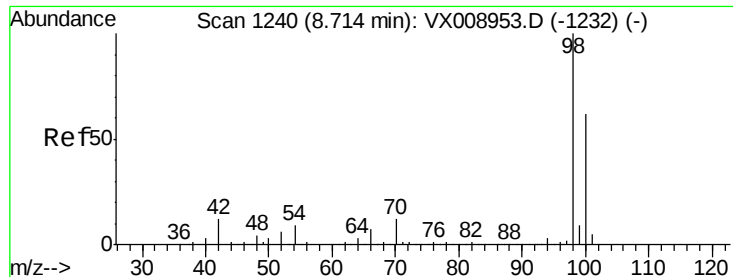
Tot Ion:113 Resp: 117650
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 21.0 17.4 26.0



#44
Trichloroethene
Concen: 2.399 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009043.D
Acq: 18 Apr 2019 14:58

Tgt Ion:130 Resp: 6944
Ion Ratio Lower Upper
130 100
95 95.0 0.0 203.2

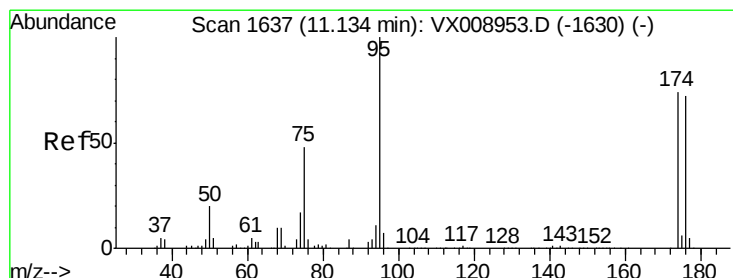
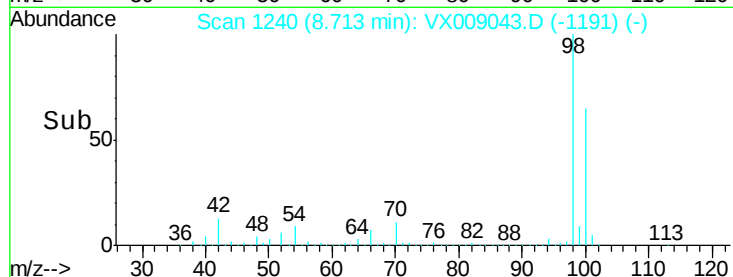
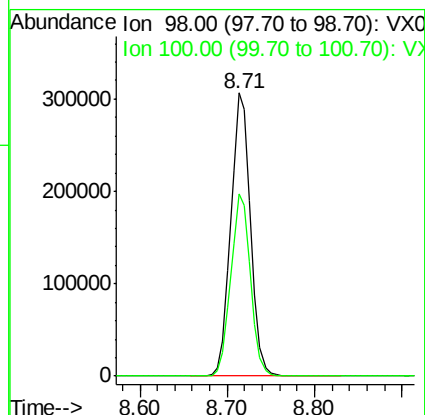
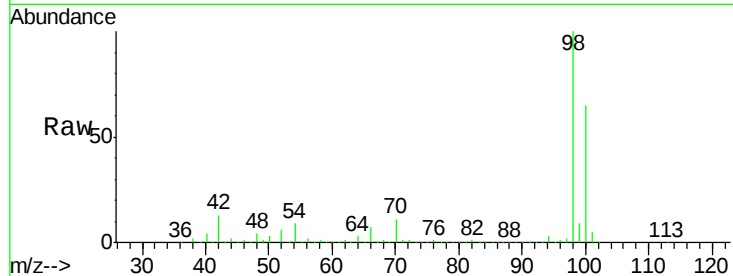




#50
Toluene-d8
Concen: 48.295 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009043.D
Acq: 18 Apr 2019 14:58

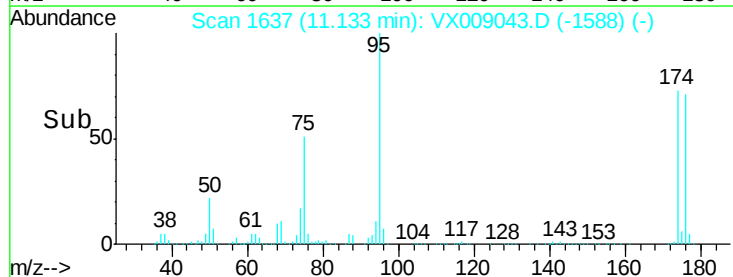
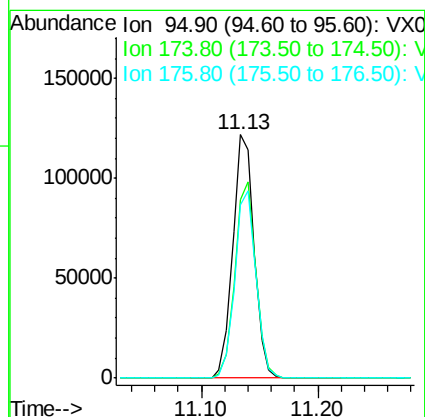
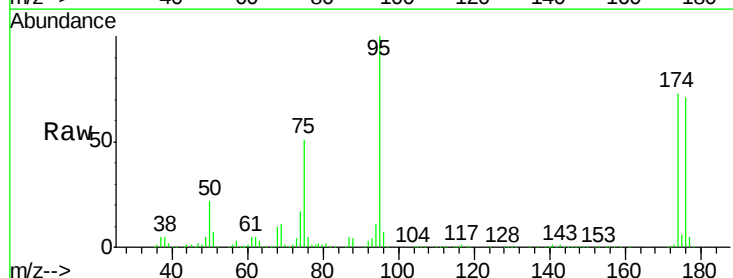
Instrument :
MSVOA_X
ClientSampleId :
SS040MW303-190415

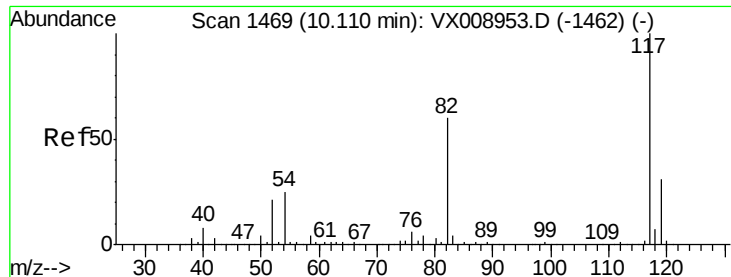
Tot Ion: 98 Resp: 478559
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 44.391 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009043.D
Acq: 18 Apr 2019 14:58

Tgt Ion: 95 Resp: 155277
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.6
176 76.3 0.0 154.8

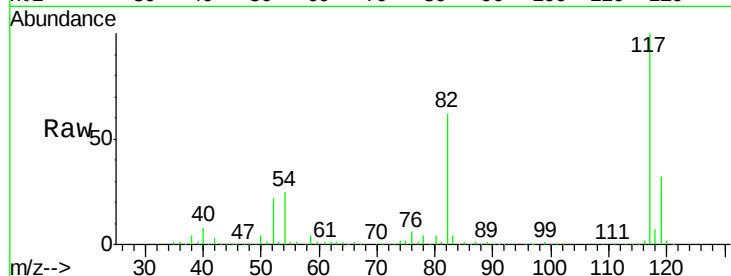




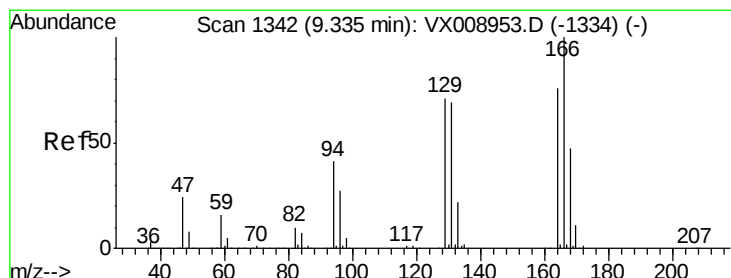
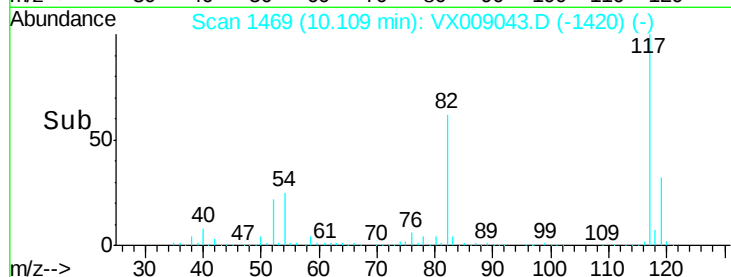
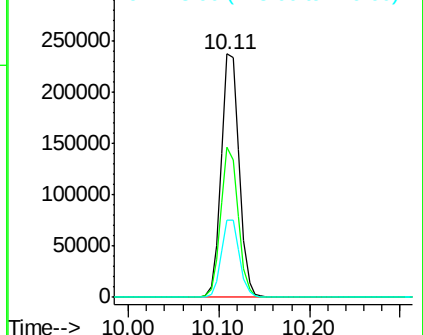
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009043.D
Acq: 18 Apr 2019 14:58

Instrument :
MSVOA_X
ClientSampleId :
SS040MW303-190415

Tot Ion:117 Resp: 328087
Ion Ratio Lower Upper
117 100
82 61.9 48.2 72.4
119 31.8 25.0 37.6

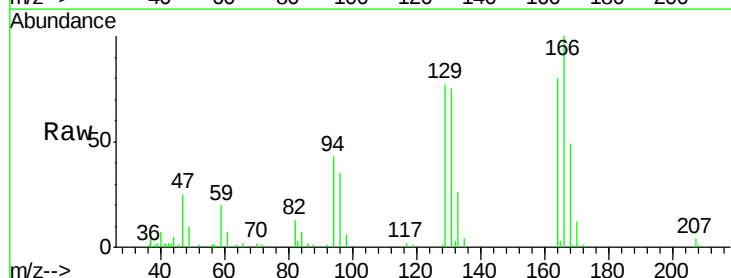


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

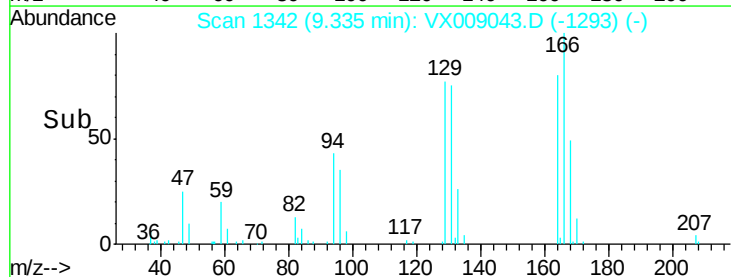
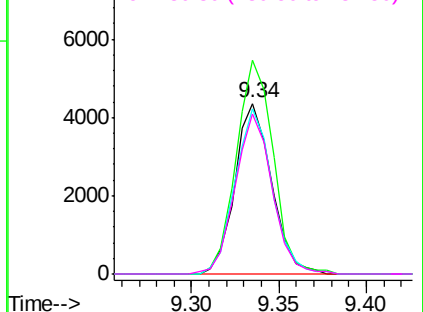


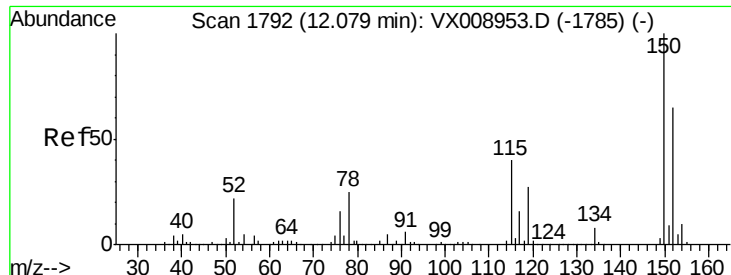
#64
Tetrachloroethene
Concen: 2.558 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009043.D
Acq: 18 Apr 2019 14:58

Tgt Ion:164 Resp: 6375
Ion Ratio Lower Upper
164 100
166 125.1 105.0 157.4
129 96.6 74.2 111.4
131 93.7 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

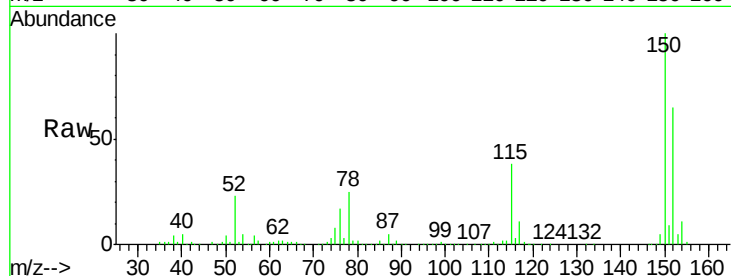




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009043.D
 Acq: 18 Apr 2019 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW303-190415

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.9	41.4	124.2
150	156.2	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

