

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041919\
 Data File : VX009067.D
 Acq On : 19 Apr 2019 13:57
 Operator : JC/SP
 Sample : K2449-12DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW309-190416DL

Quant Time: Apr 20 01:20:41 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

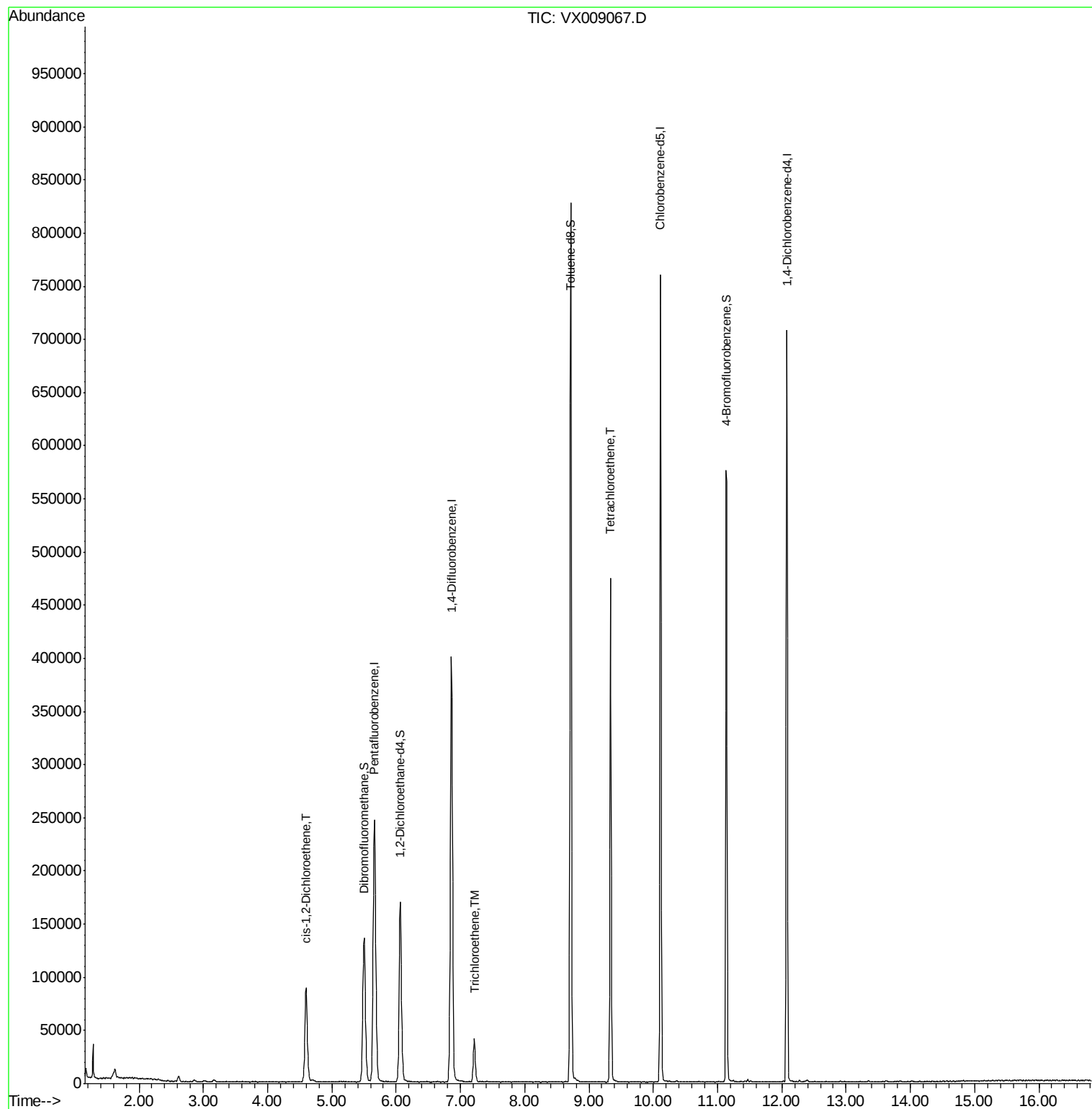
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	239077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160647	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
35) Dibromofluoromethane	5.50	113	117220	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	8.71	98	482980	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.13	95	158238	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	54847	17.665	ug/l	91
44) Trichloroethene	7.21	130	15800	5.456	ug/l	97
64) Tetrachloroethene	9.34	164	90173	35.437	ug/l	98

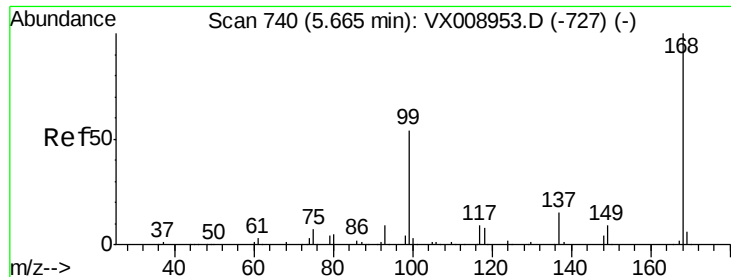
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009067.D

Acq: 19 Apr 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

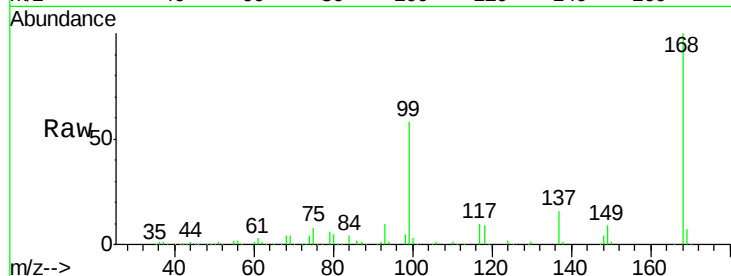
SS037MW309-190416DL

Tot Ion:168 Resp: 239077

Ion Ratio Lower Upper

168 100

99 57.6 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

80000

60000

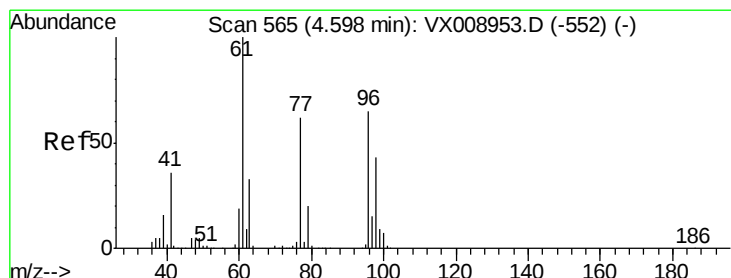
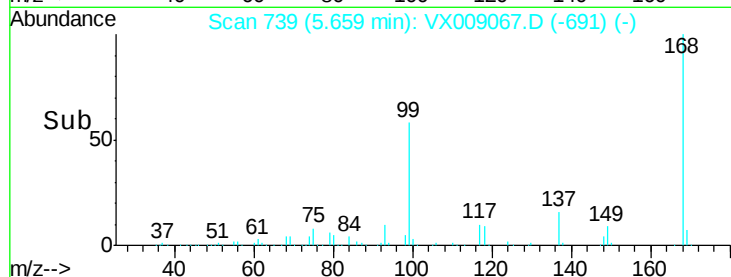
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 17.665 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX009067.D

Acq: 19 Apr 2019 13:57

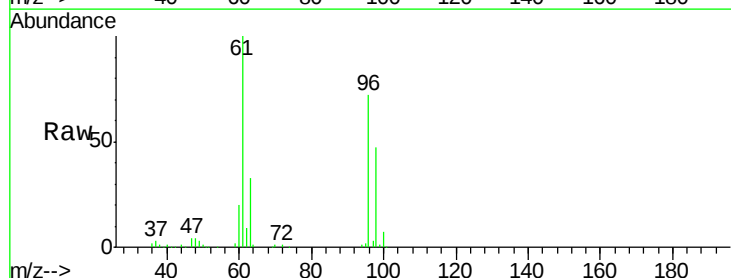
Tgt Ion: 96 Resp: 54847

Ion Ratio Lower Upper

96 100

61 144.0 0.0 322.0

98 64.8 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

4.60

30000

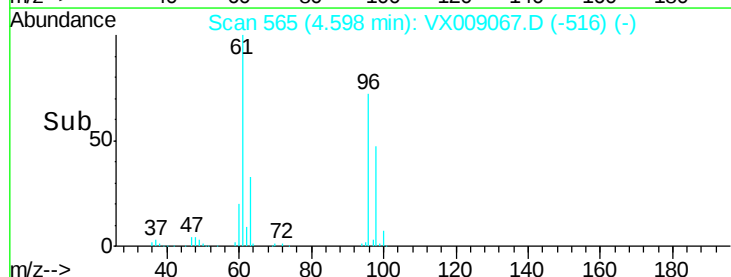
20000

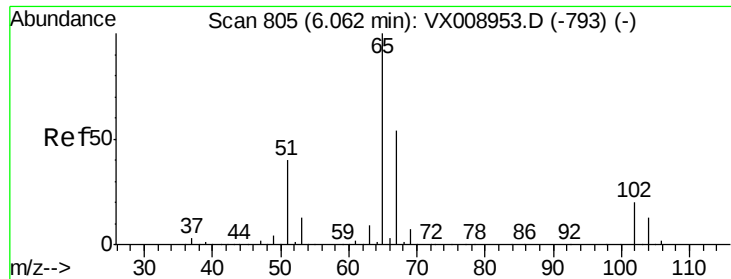
10000

0

Time-->

4.50 4.60 4.70

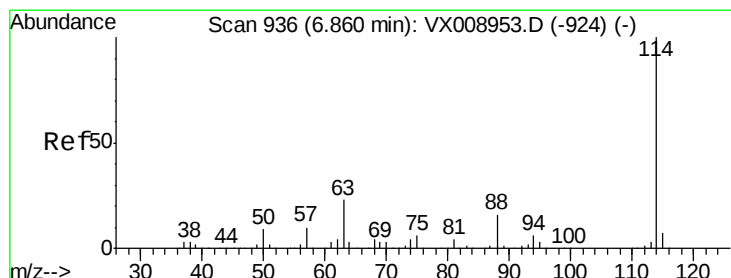
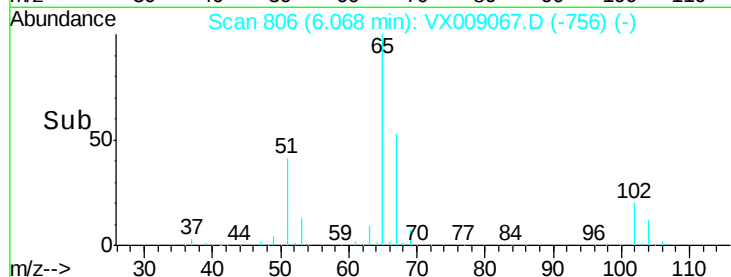
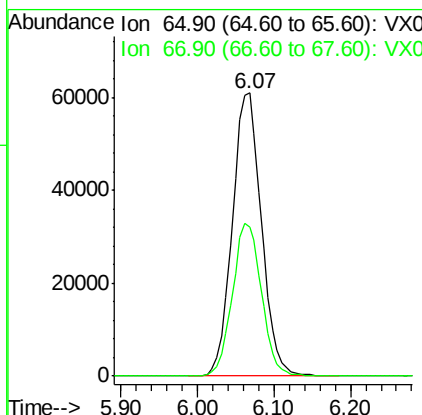
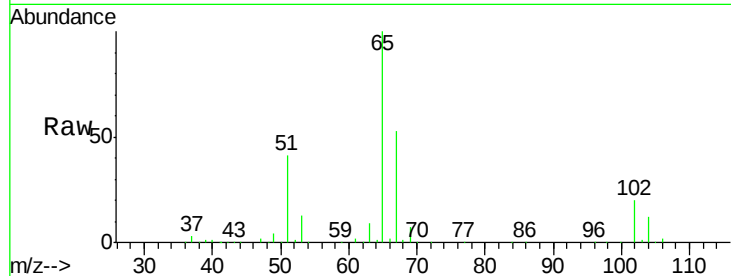




#33
 1,2-Dichloroethane-d4
 Concen: 47.680 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX009067.D
 Acq: 19 Apr 2019 13:57

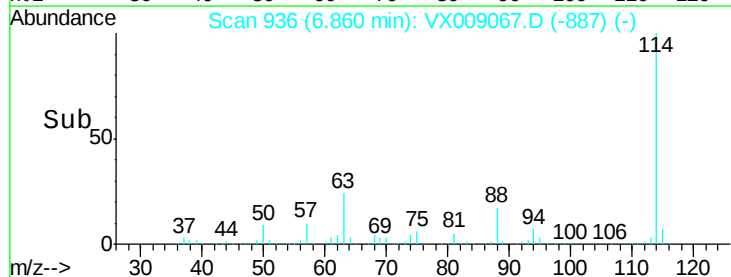
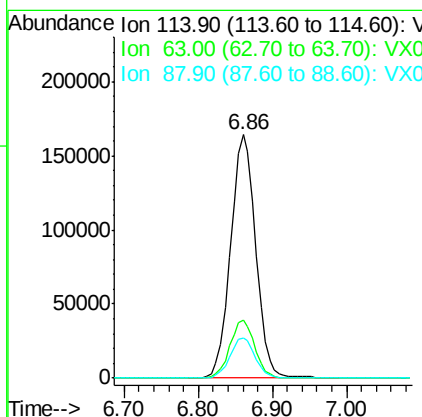
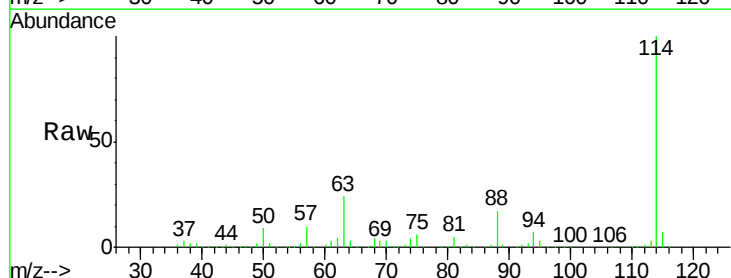
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW309-190416DL

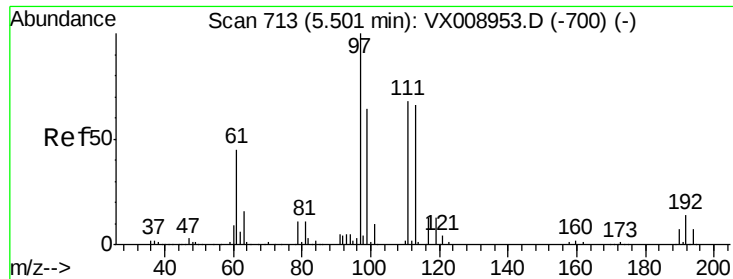
Tot Ion: 65 Resp: 160647
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009067.D
 Acq: 19 Apr 2019 13:57

Tgt Ion: 114 Resp: 387397
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.0
 88 16.7 0.0 32.6

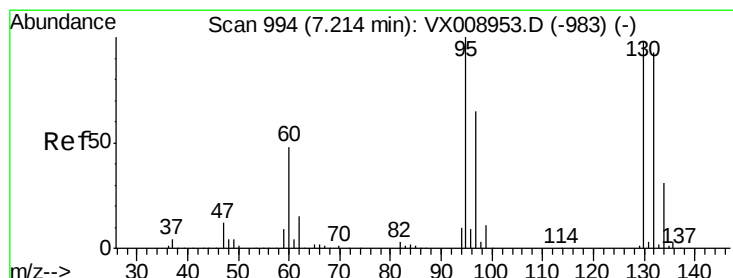
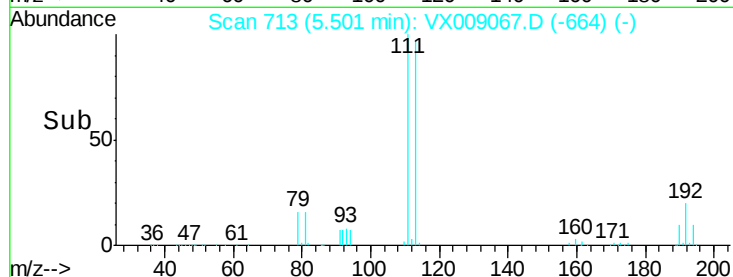
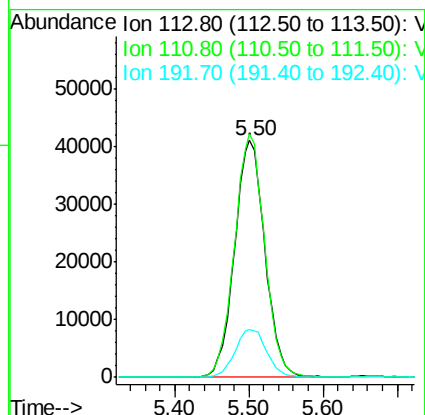
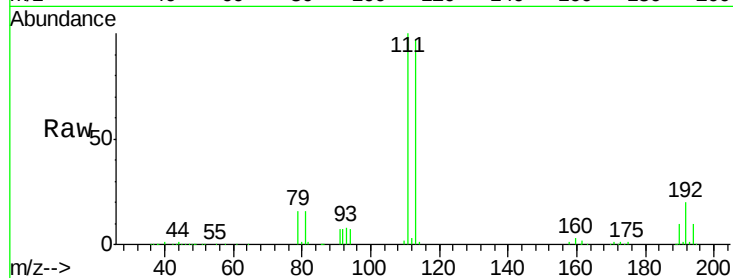




#35
 Dibromofluoromethane
 Concen: 47.148 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009067.D
 Acq: 19 Apr 2019 13:57

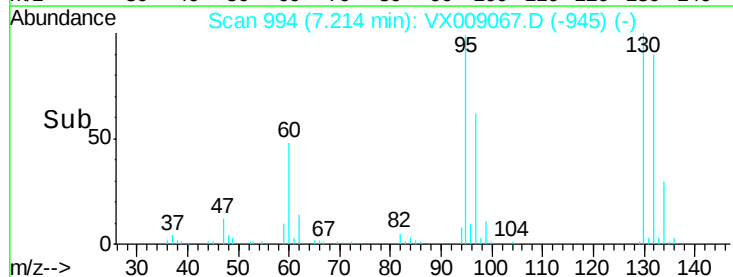
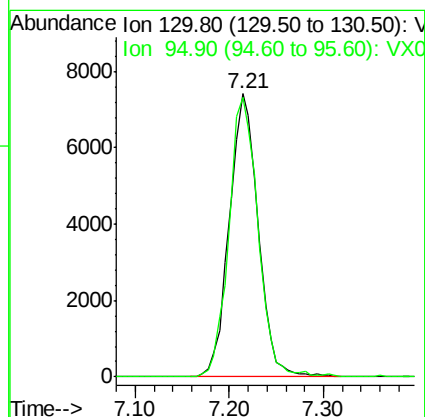
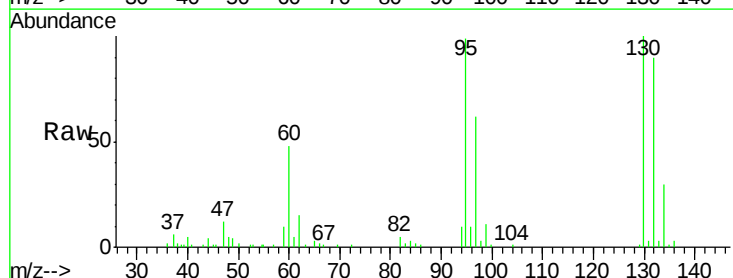
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW309-190416DL

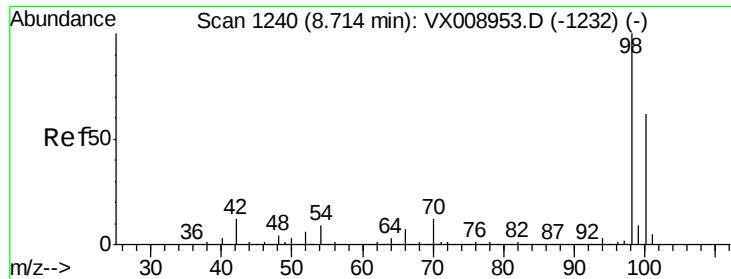
Tot Ion:113 Resp: 117220
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 21.2 17.4 26.0



#44
 Trichloroethene
 Concen: 5.456 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009067.D
 Acq: 19 Apr 2019 13:57

Tgt Ion:130 Resp: 15800
 Ion Ratio Lower Upper
 130 100
 95 98.8 0.0 203.2





#50

Toluene-d8

Concen: 48.711 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009067.D

Acq: 19 Apr 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

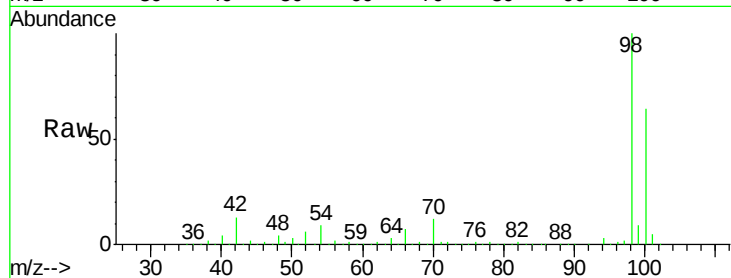
SS037MW309-190416DL

Tot Ion: 98 Resp: 482980

Ion Ratio Lower Upper

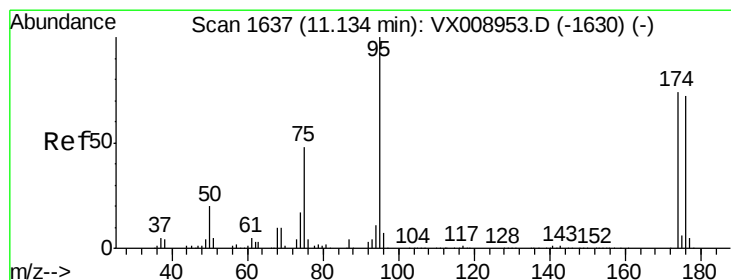
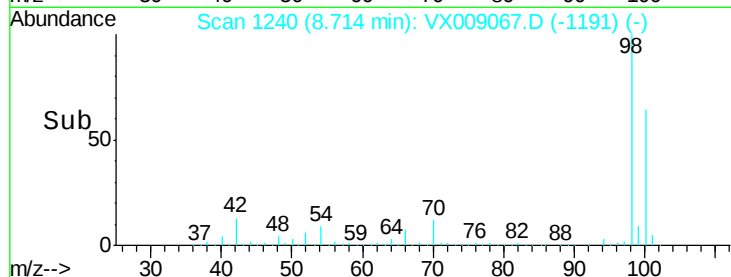
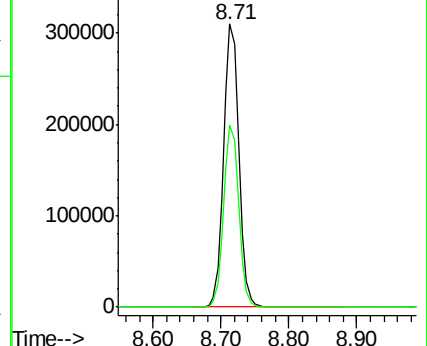
98 100

100 63.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.210 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009067.D

Acq: 19 Apr 2019 13:57

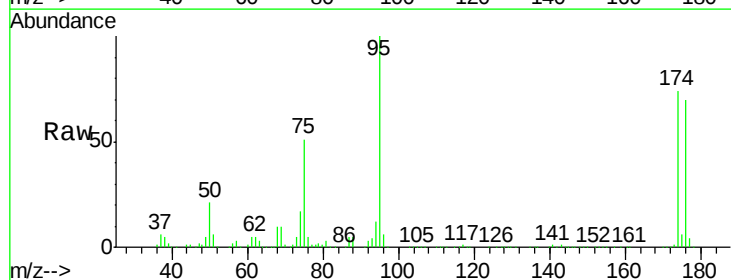
Tgt Ion: 95 Resp: 158238

Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.6

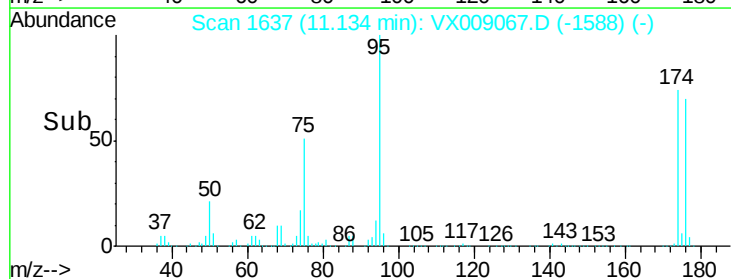
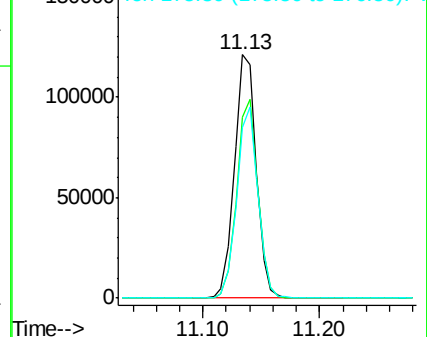
176 76.1 0.0 154.8

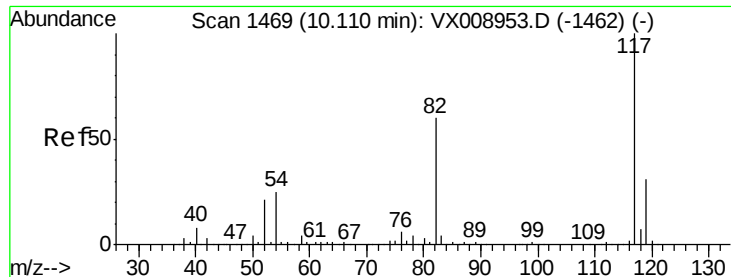


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

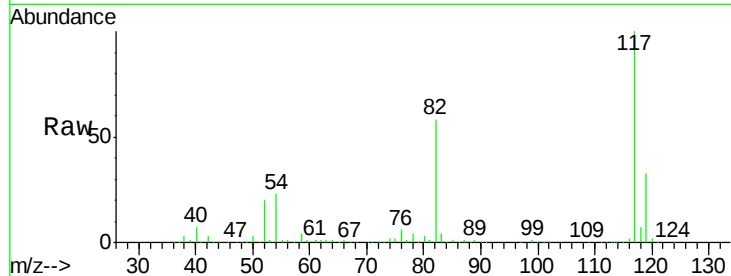




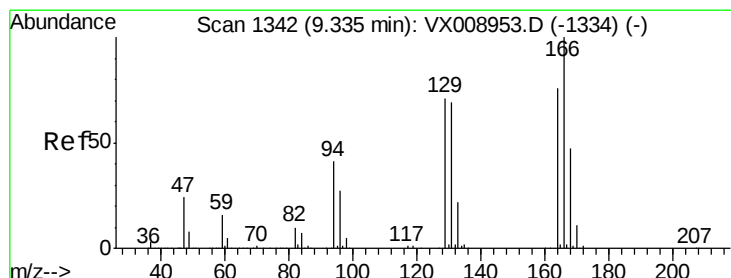
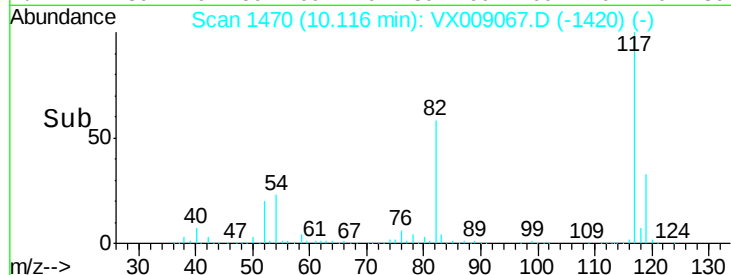
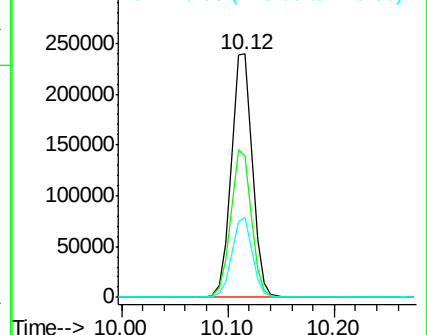
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009067.D
Acq: 19 Apr 2019 13:57

Instrument :
MSVOA_X
ClientSampleId :
SS037MW309-190416DL

Tot Ion:117 Resp: 334955
Ion Ratio Lower Upper
117 100
82 57.8 48.2 72.4
119 32.6 25.0 37.6

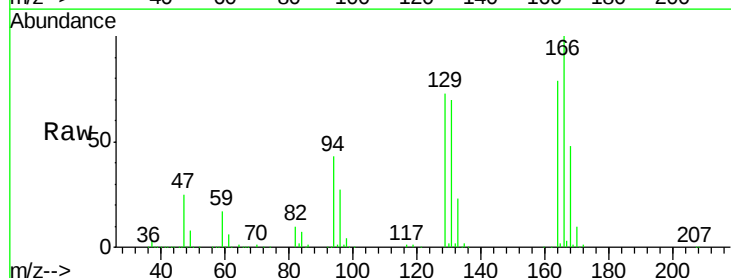


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

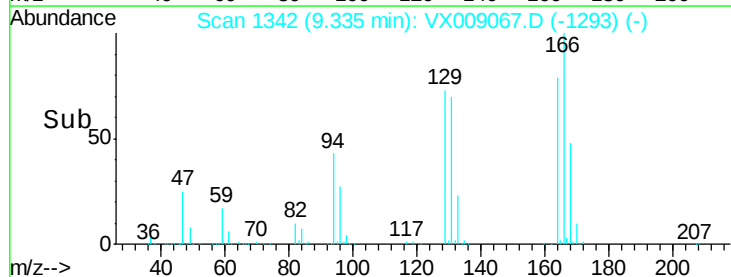
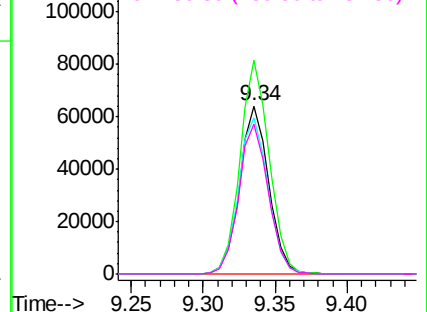


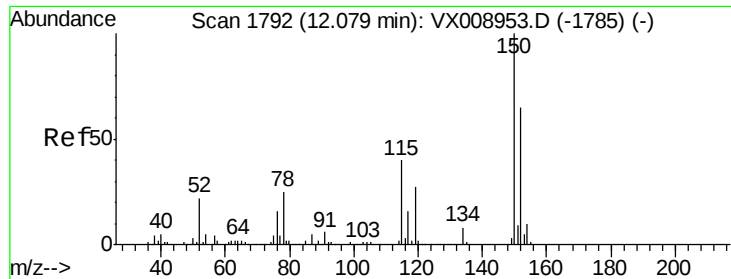
#64
Tetrachloroethene
Concen: 35.437 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009067.D
Acq: 19 Apr 2019 13:57

Tgt Ion:164 Resp: 90173
Ion Ratio Lower Upper
164 100
166 127.3 105.0 157.4
129 93.4 74.2 111.4
131 89.2 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: VX009067.D

Acq: 19 Apr 2019 13:57

Instrument :

MSVOA_X

ClientSampleId :

SS037MW309-190416DL

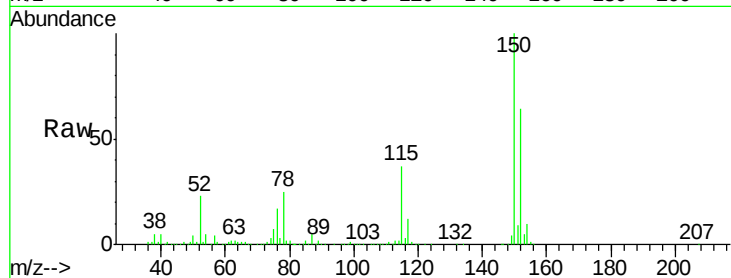
Tot Ion:152 Resp: 141095

Ion Ratio Lower Upper

152 100

115 58.6 41.4 124.2

150 155.4 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

