

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008664.D
 Acq On : 05 Apr 2019 02:59
 Operator : JC/SP
 Sample : K2274-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW042-190403

Quant Time: Apr 05 09:22:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

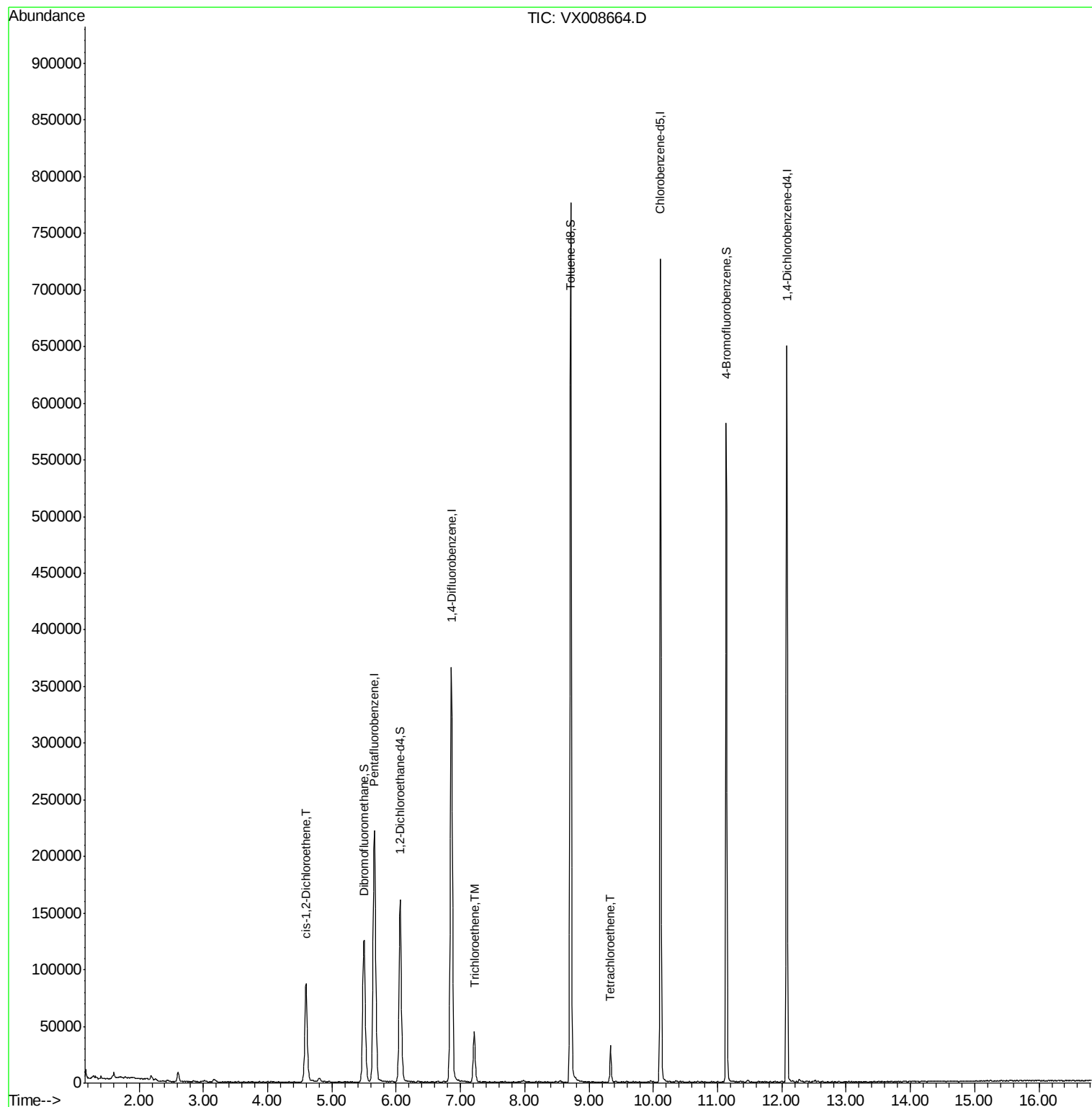
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	215364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131429	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	149661	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
35) Dibromofluoromethane	5.50	113	109534	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
50) Toluene-d8	8.71	98	450633	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	154104	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	53495	17.277	ug/l	90
44) Trichloroethene	7.21	130	16942	6.194	ug/l	97
64) Tetrachloroethene	9.34	164	6050	2.596	ug/l	98

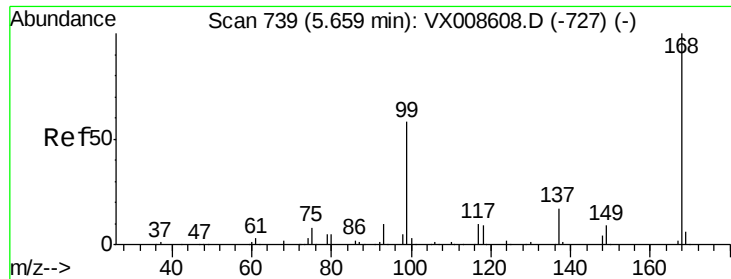
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008664.D

Acq: 05 Apr 2019 02:59

Instrument :

MSVOA_X

ClientSampleId :

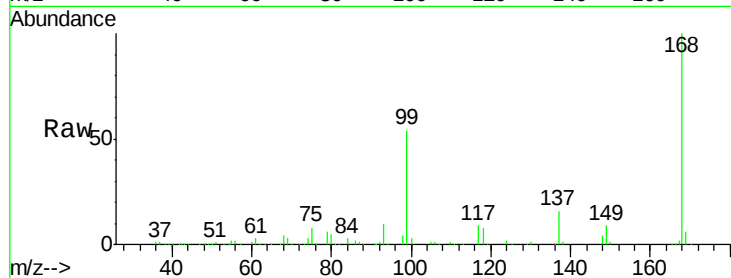
SS037MW042-190403

Tot Ion:168 Resp: 215364

Ion Ratio Lower Upper

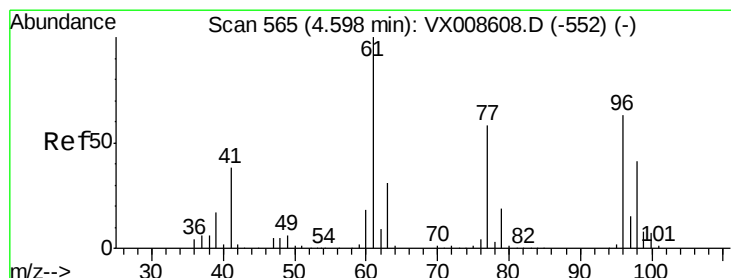
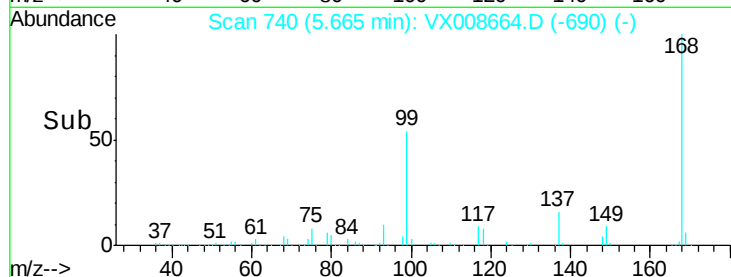
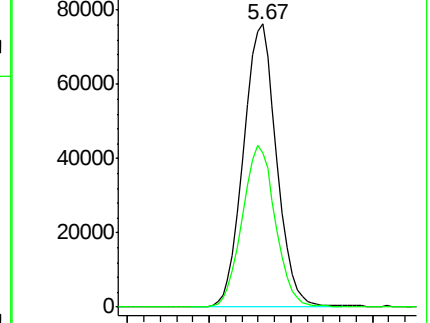
168 100

99 54.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 17.277 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008664.D

Acq: 05 Apr 2019 02:59

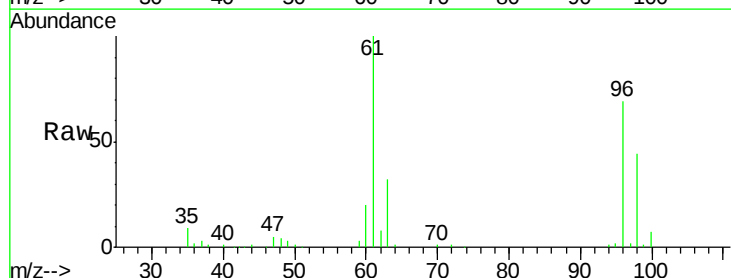
Tgt Ion: 96 Resp: 53495

Ion Ratio Lower Upper

96 100

61 145.3 0.0 327.6

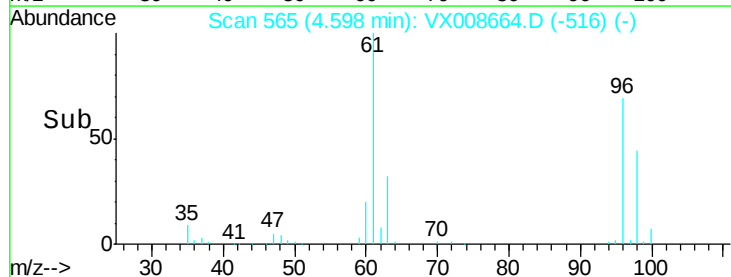
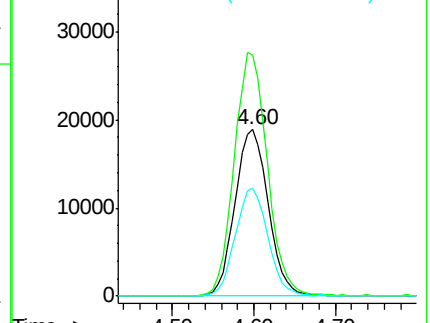
98 63.3 0.0 128.6

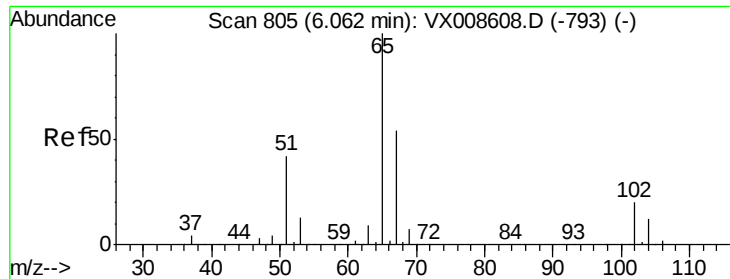


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

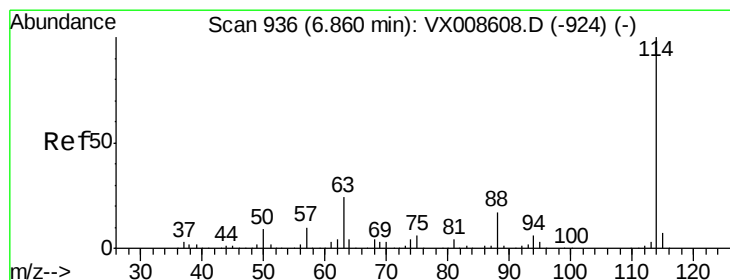
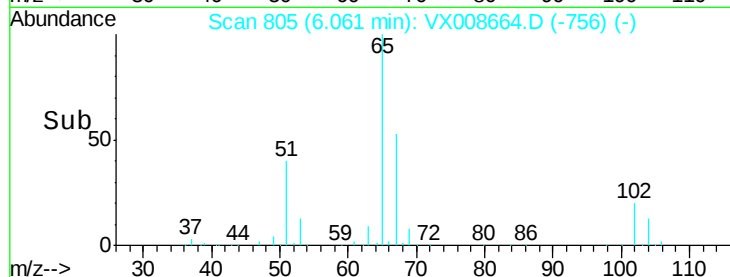
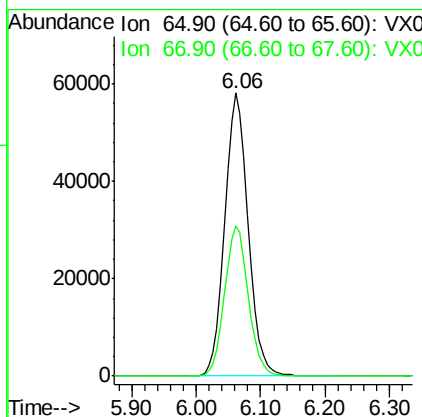
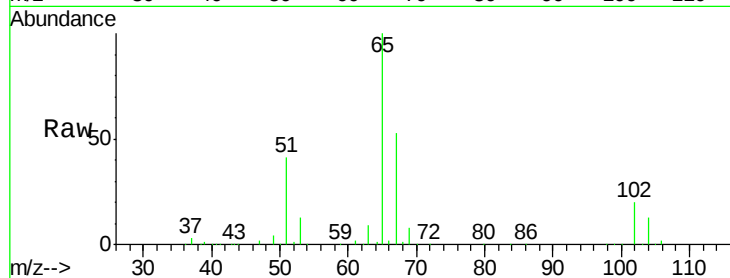




#33
 1,2-Dichloroethane-d4
 Concen: 47.644 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008664.D
 Acq: 05 Apr 2019 02:59

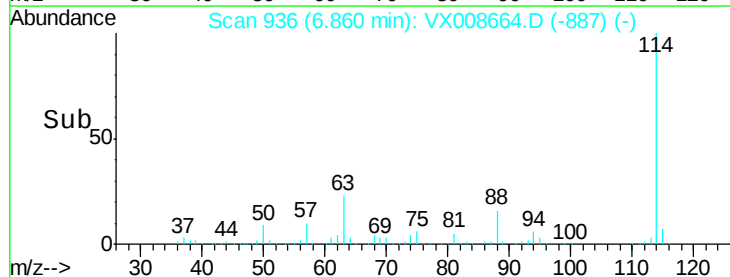
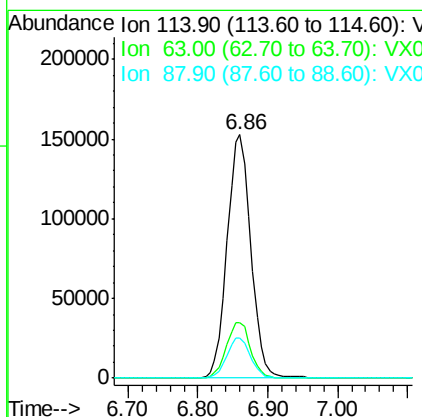
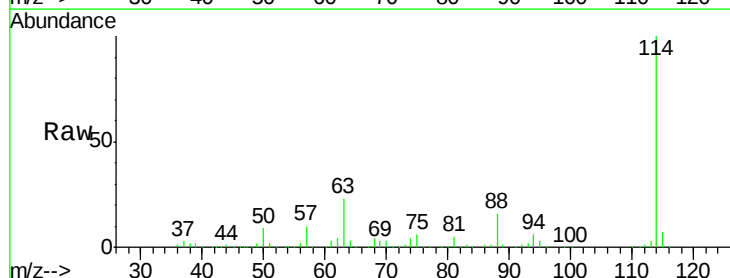
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW042-190403

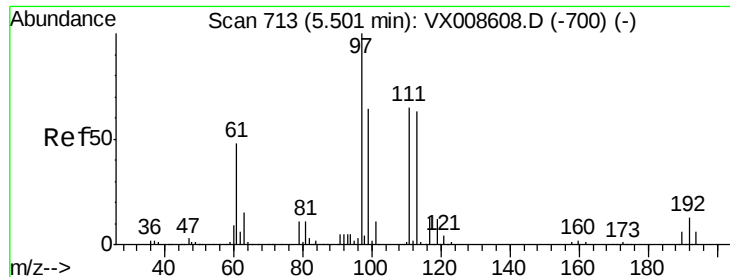
Tot Ion: 65 Resp: 149661
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008664.D
 Acq: 05 Apr 2019 02:59

Tgt Ion: 114 Resp: 360609
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.2
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.508 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008664.D

Acq: 05 Apr 2019 02:59

Instrument :

MSVOA_X

ClientSampleId :

SS037MW042-190403

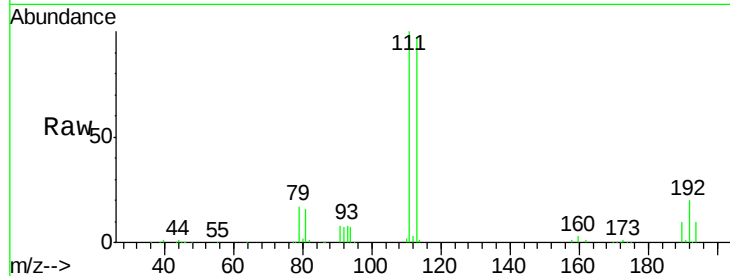
Tot Ion:113 Resp: 109534

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

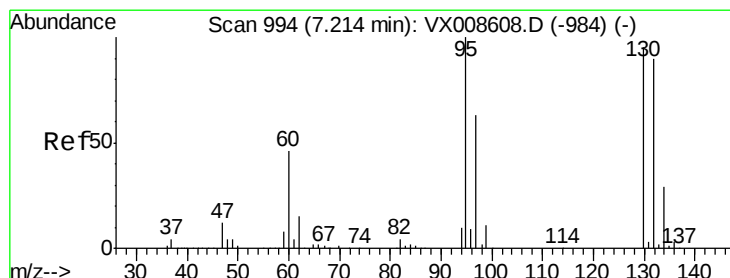
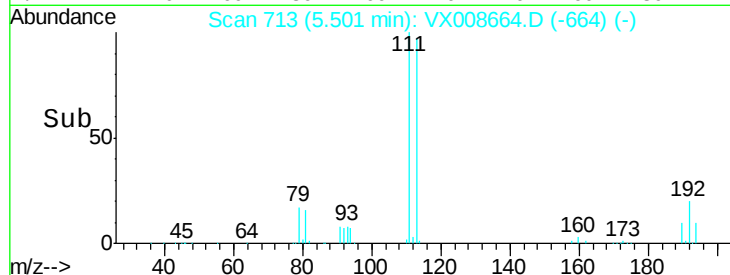
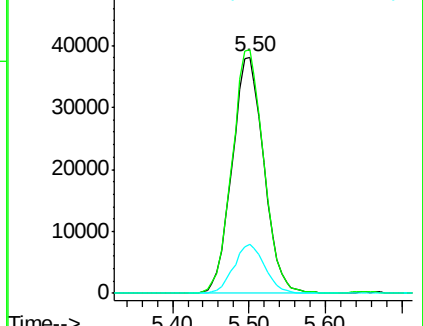
192 20.5 16.1 24.1



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: 6.194 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008664.D

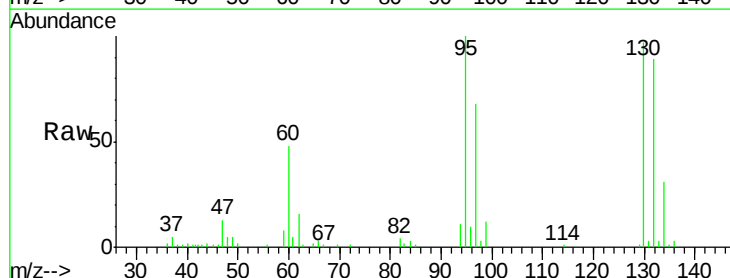
Acq: 05 Apr 2019 02:59

Tgt Ion:130 Resp: 16942

Ion Ratio Lower Upper

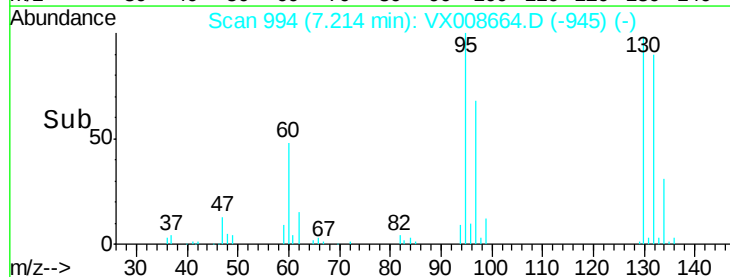
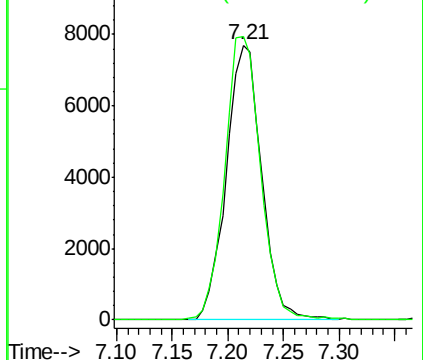
130 100

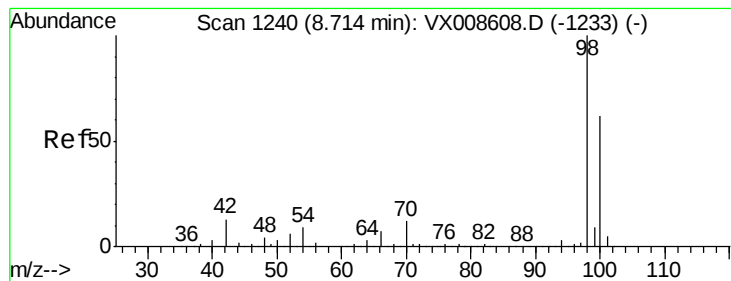
95 102.2 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.087 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008664.D

Acq: 05 Apr 2019 02:59

Instrument :

MSVOA_X

ClientSampleId :

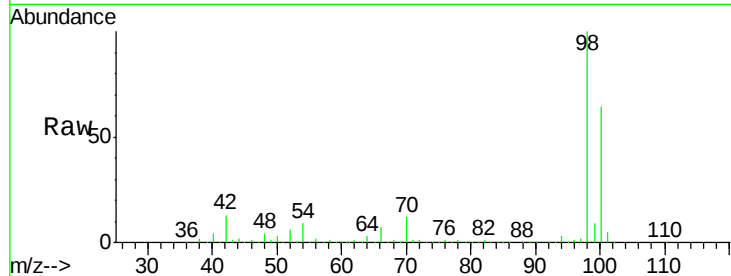
SS037MW042-190403

Tot Ion: 98 Resp: 450633

Ion Ratio Lower Upper

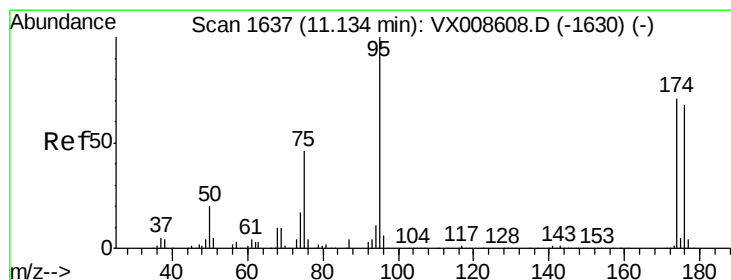
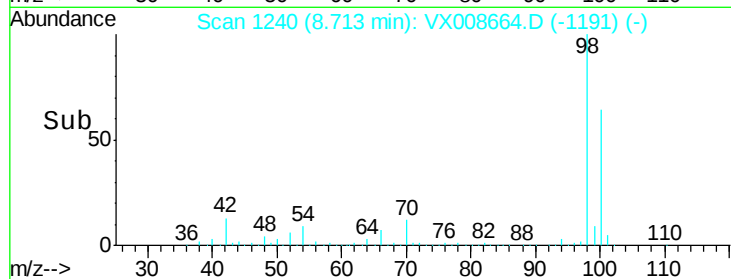
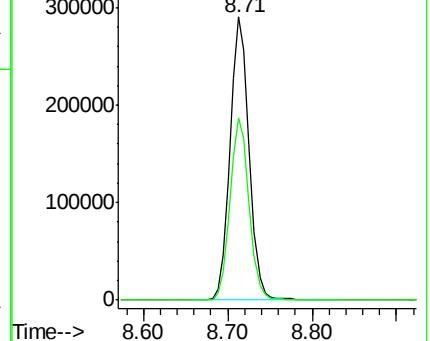
98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.337 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008664.D

Acq: 05 Apr 2019 02:59

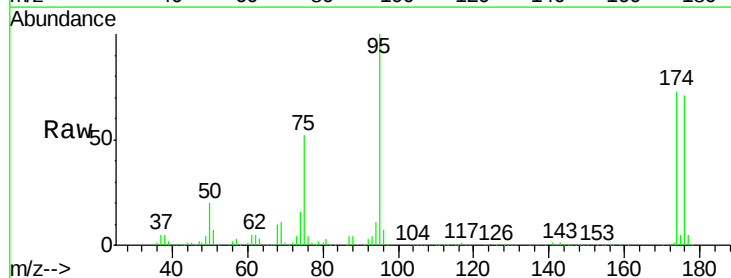
Tgt Ion: 95 Resp: 154104

Ion Ratio Lower Upper

95 100

174 75.8 0.0 151.8

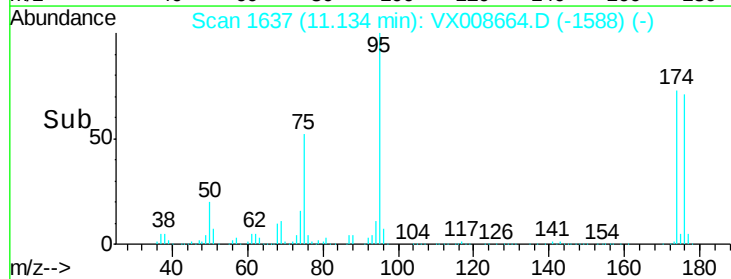
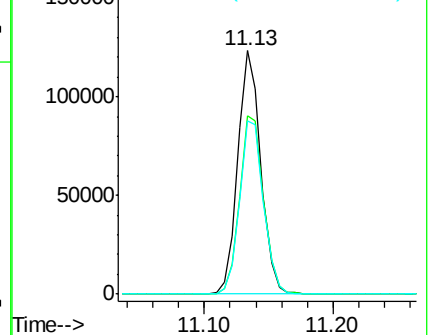
176 73.7 0.0 145.8

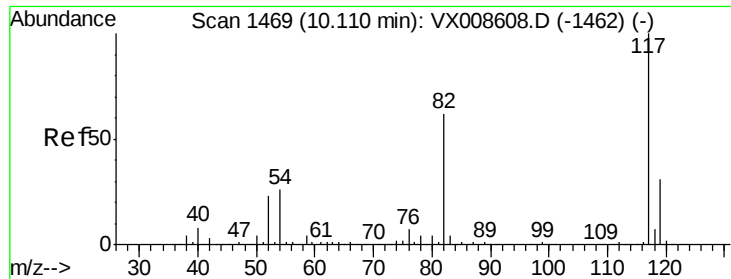


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

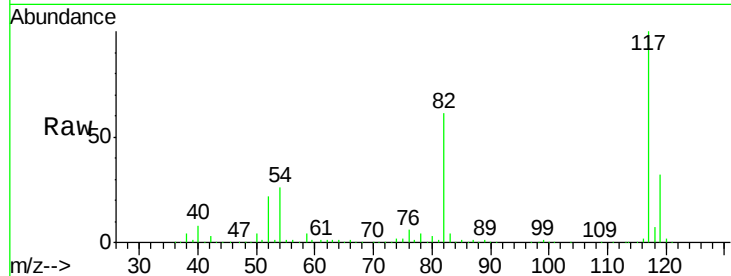




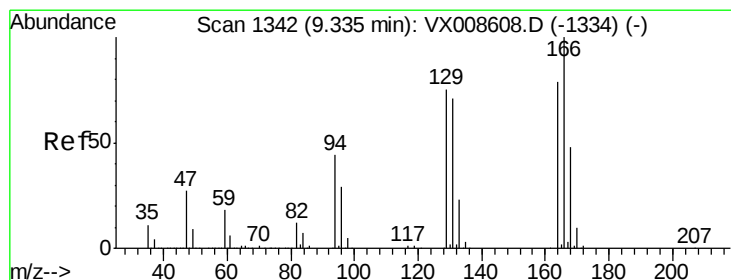
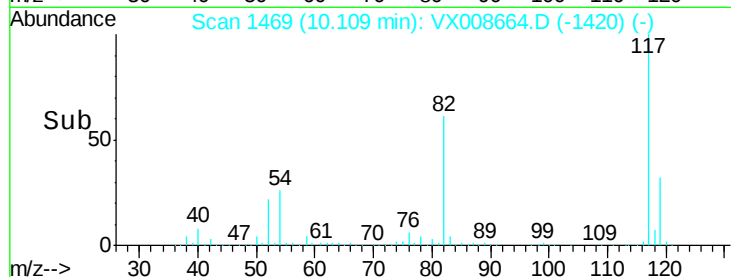
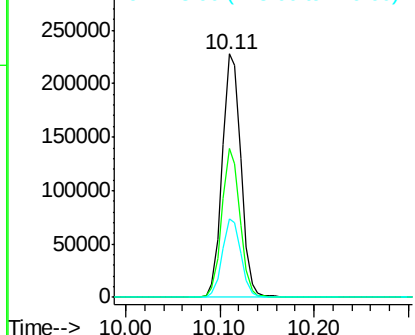
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Instrument :
MSVOA_X
ClientSampleId :
SS037MW042-190403

Tot Ion:117 Resp: 314523
Ion Ratio Lower Upper
117 100
82 61.2 49.6 74.4
119 32.4 25.0 37.4



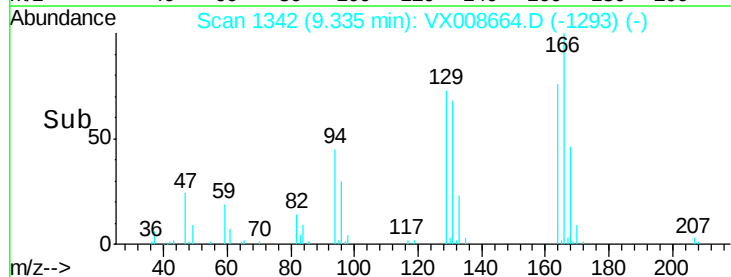
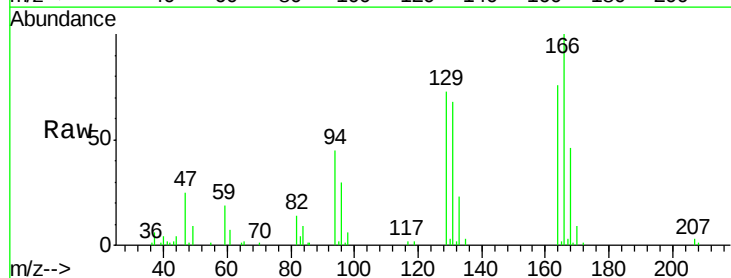
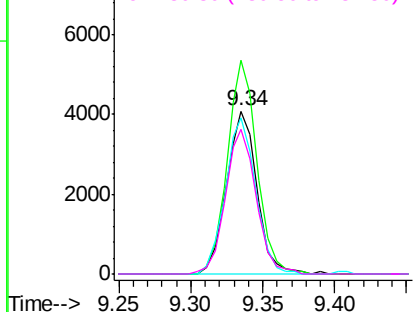
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

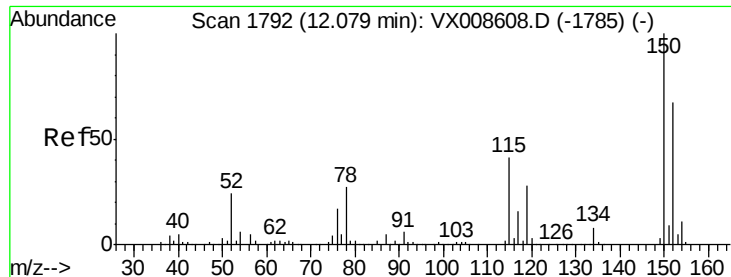


#64
Tetrachloroethene
Concen: 2.596 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008664.D
Acq: 05 Apr 2019 02:59

Tgt Ion:164 Resp: 6050
Ion Ratio Lower Upper
164 100
166 131.0 101.0 151.6
129 95.9 75.8 113.8
131 88.8 71.8 107.8

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: VX008664.D

Acq: 05 Apr 2019 02:59

Instrument :

MSVOA_X

ClientSampleId :

SS037MW042-190403

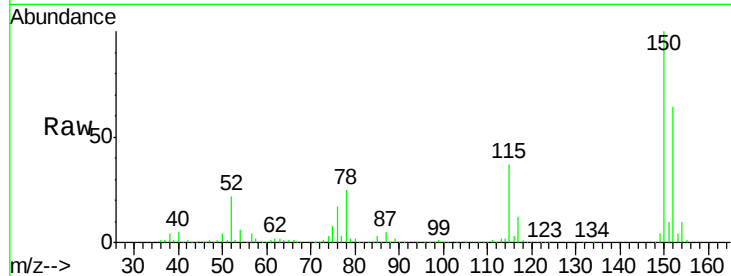
Tot Ion:152 Resp: 131429

Ion Ratio Lower Upper

152 100

115 60.3 43.5 130.5

150 156.4 0.0 348.8



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

