

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009320.D
 Acq On : 03 May 2019 19:24
 Operator : JC/SP
 Sample : K2687-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052OW376-190502

Quant Time: May 04 04:14:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

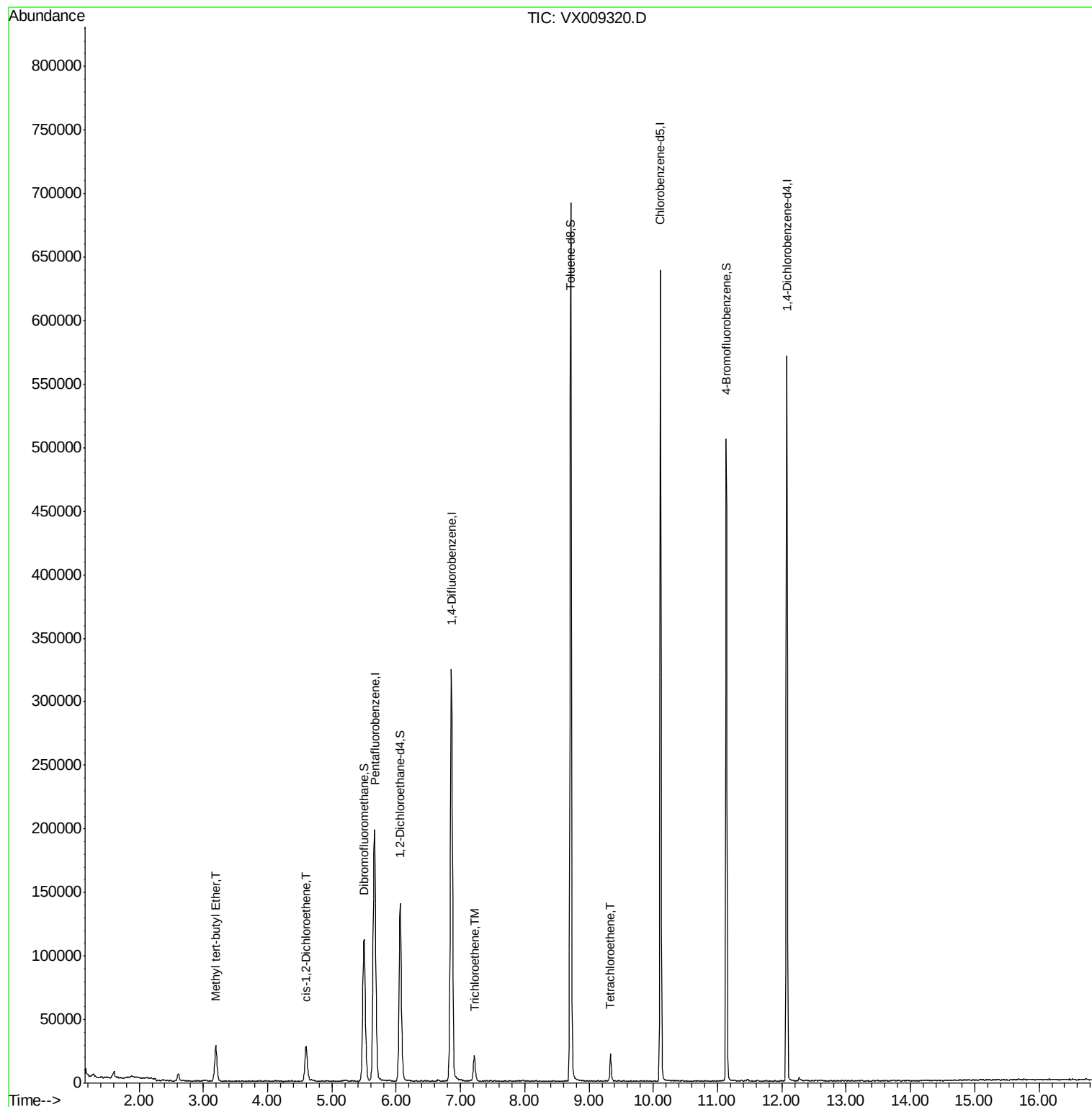
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131945	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
35) Dibromofluoromethane	5.50	113	96310	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	8.71	98	398866	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	130625	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
19) Methyl tert-butyl Ether	3.19	73	29949	4.186	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	17242	7.230	ug/l	87
44) Trichloroethene	7.21	130	7611	3.428	ug/l	97
64) Tetrachloroethene	9.34	164	4079	2.121	ug/l	95

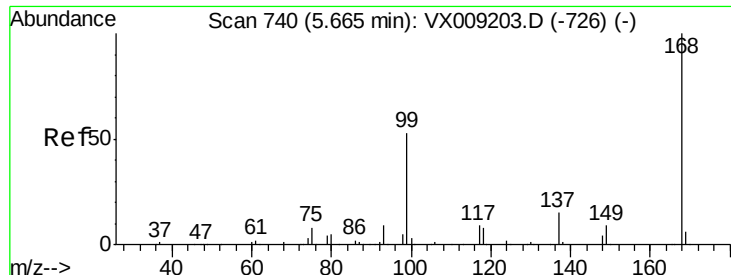
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 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: VX009320.D

Acq: 03 May 2019 19:24

Instrument :

MSVOA_X

ClientSampleId :

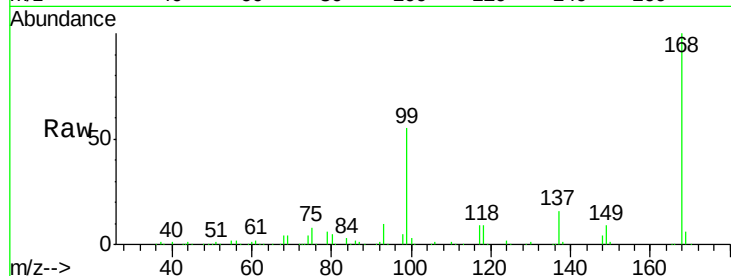
SS052OW376-190502

Tot Ion:168 Resp: 196341

Ion Ratio Lower Upper

168 100

99 55.1 42.3 63.5

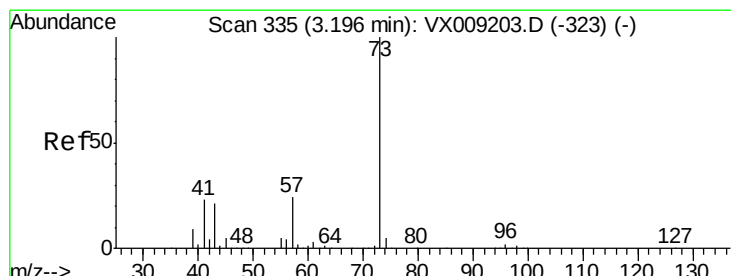
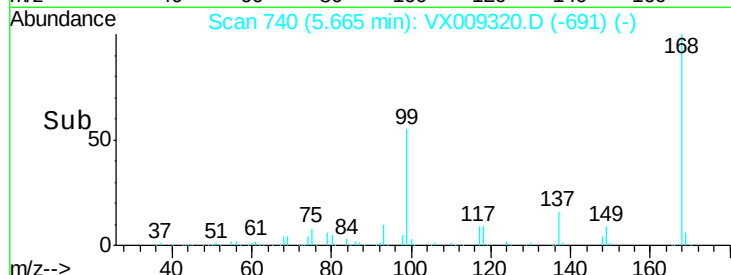


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#19

Methyl tert-butyl Ether

Concen: 4.186 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX009320.D

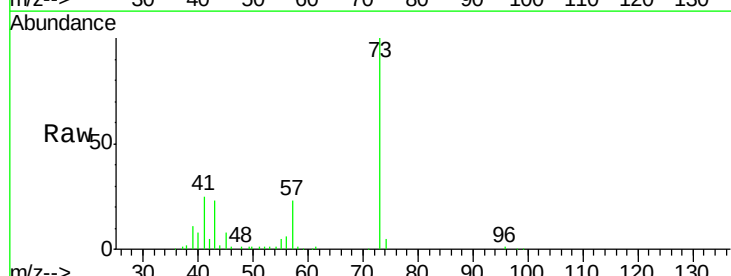
Acq: 03 May 2019 19:24

Tgt Ion: 73 Resp: 29949

Ion Ratio Lower Upper

73 100

57 23.5 19.3 28.9

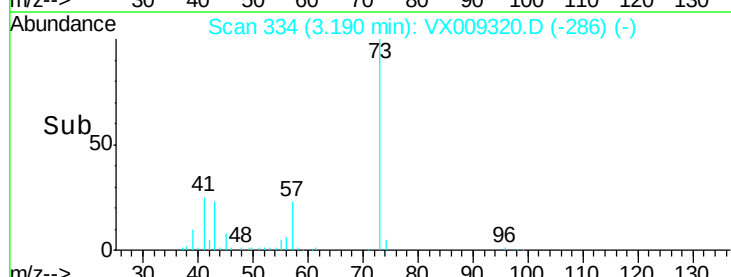


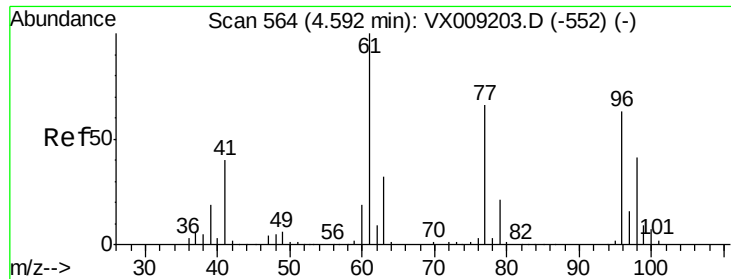
Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

Time--> 3.10 3.20 3.30



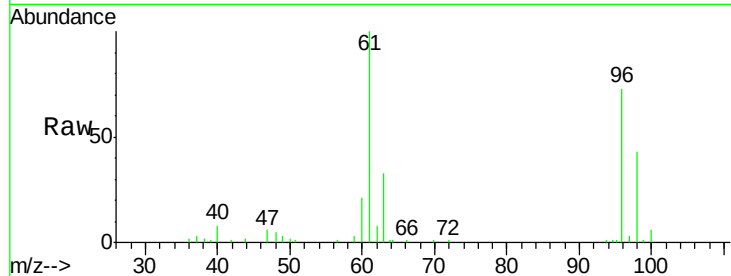


#27

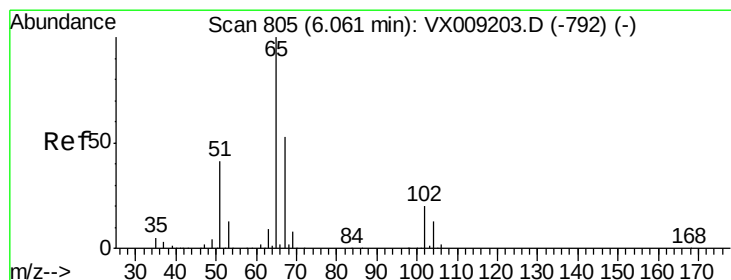
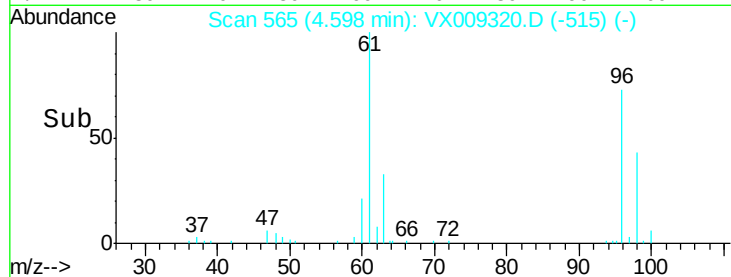
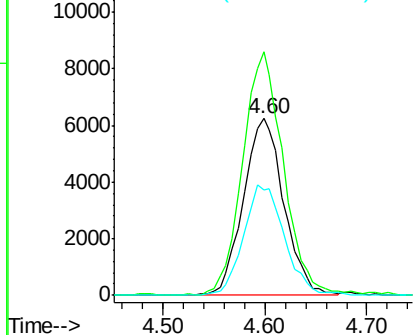
cis-1,2-Dichloroethene
Concen: 7.230 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009320.D
Acq: 03 May 2019 19:24

Instrument :
MSVOA_X
ClientSampleId :
SS052OW376-190502

Tot Ion: 96 Resp: 17242
Ion Ratio Lower Upper
96 100
61 139.6 0.0 324.0
98 63.1 0.0 130.4



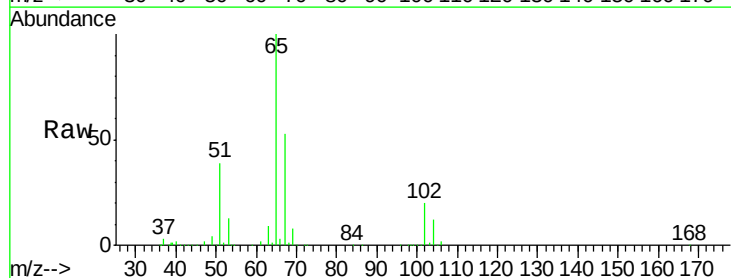
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



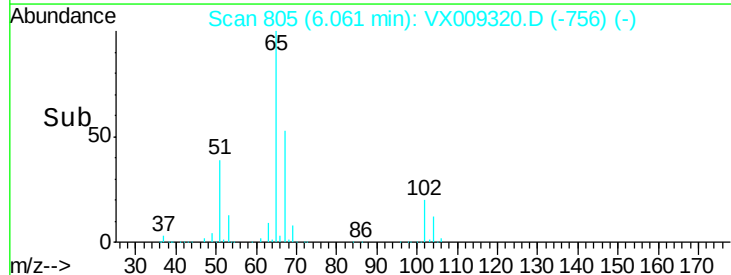
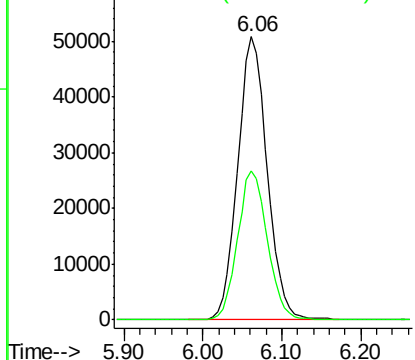
#33

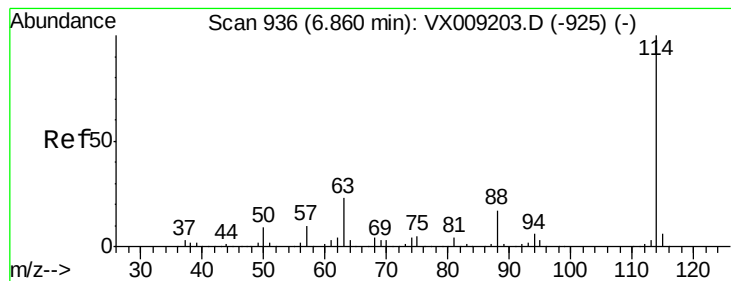
1,2-Dichloroethane-d4
Concen: 49.228 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009320.D
Acq: 03 May 2019 19:24

Tgt Ion: 65 Resp: 131945
Ion Ratio Lower Upper
65 100
67 53.4 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: VX009320.D

Acq: 03 May 2019 19:24

Instrument :

MSVOA_X

ClientSampleId :

SS052OW376-190502

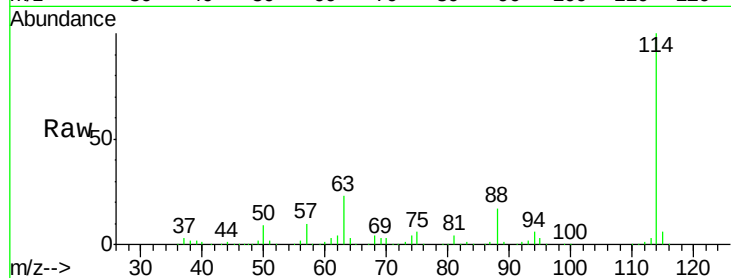
Tot Ion:114 Resp: 319281

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.6

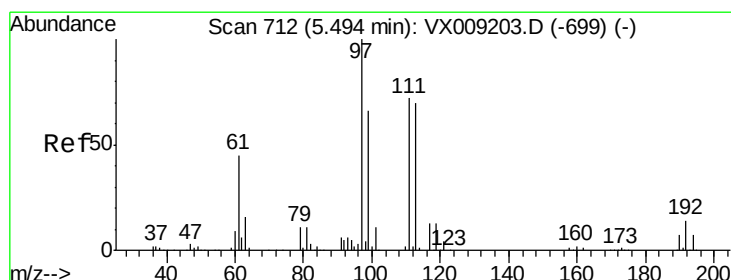
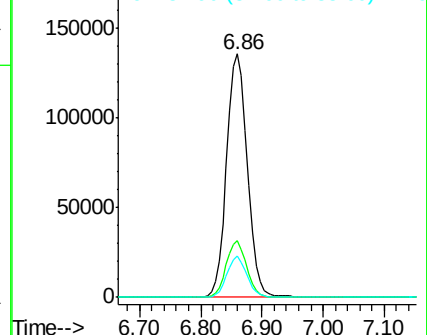
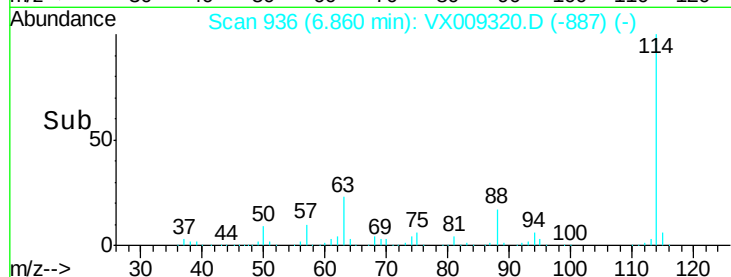
88 17.0 0.0 33.2



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: 47.984 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009320.D

Acq: 03 May 2019 19:24

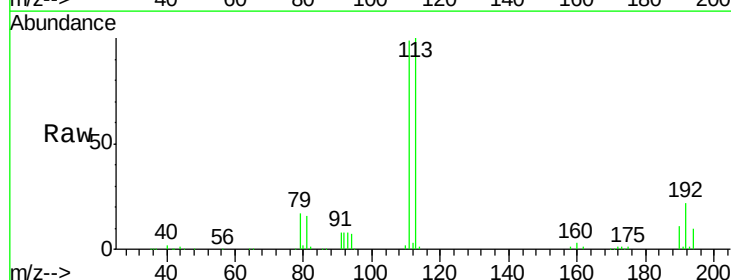
Tgt Ion:113 Resp: 96310

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

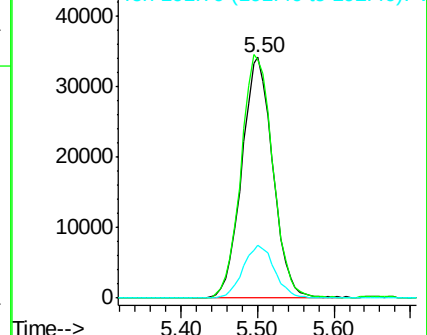
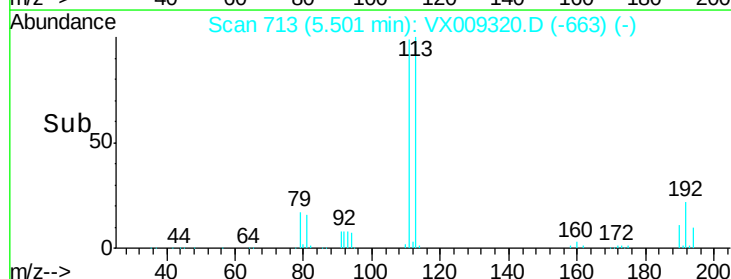
192 22.2 17.0 25.6

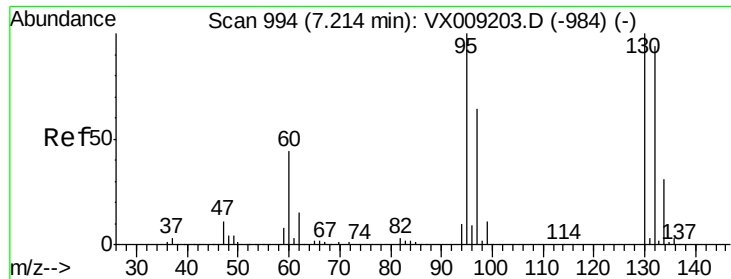


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

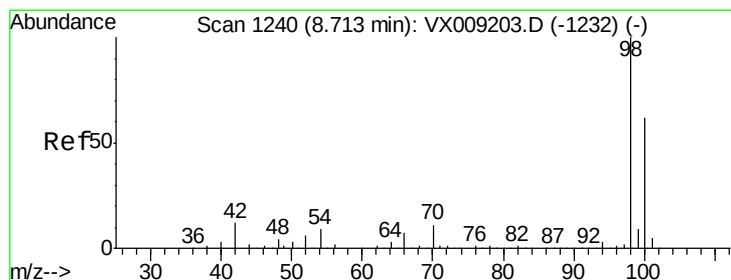
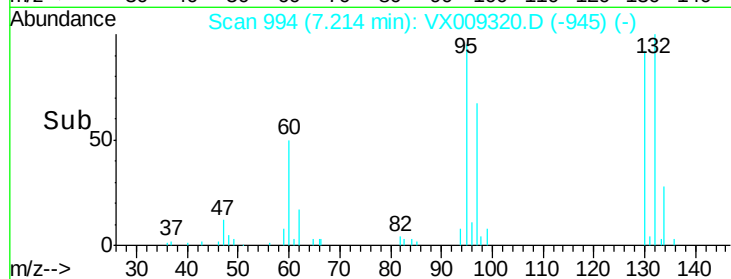
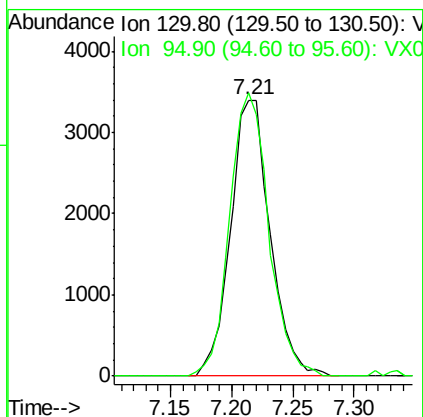
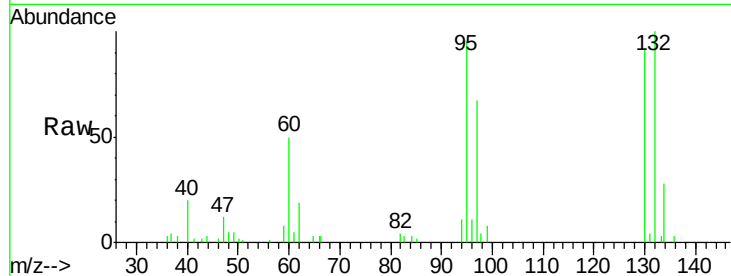




#44
 Trichloroethene
 Concen: 3.428 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009320.D
 Acq: 03 May 2019 19:24

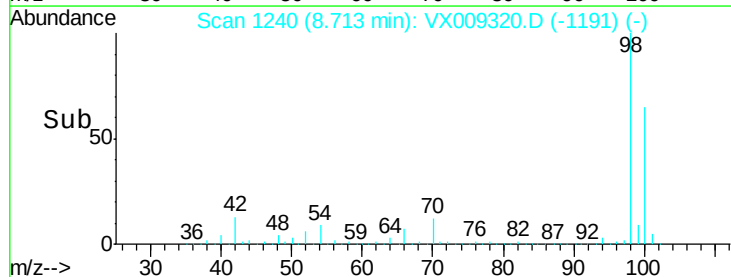
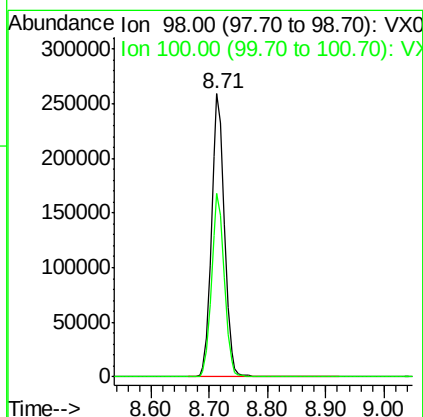
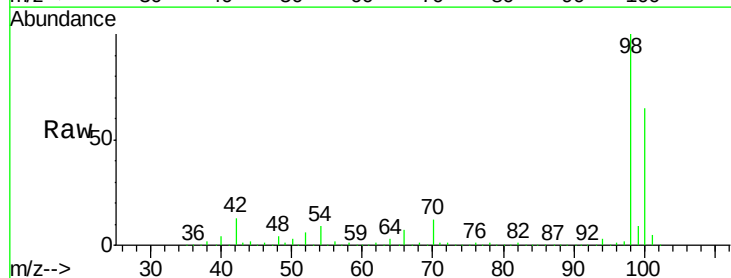
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052OW376-190502

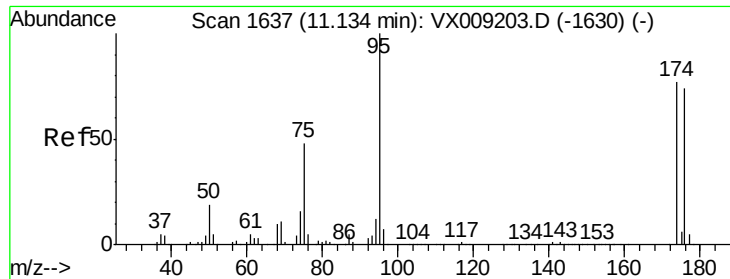
Tot Ion:130 Resp: 7611
 Ion Ratio Lower Upper
 130 100
 95 102.5 0.0 199.2



#50
 Toluene-d8
 Concen: 49.223 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009320.D
 Acq: 03 May 2019 19:24

Tgt Ion: 98 Resp: 398866
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.364 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009320.D

Acq: 03 May 2019 19:24

Instrument :

MSVOA_X

ClientSampleId :

SS052OW376-190502

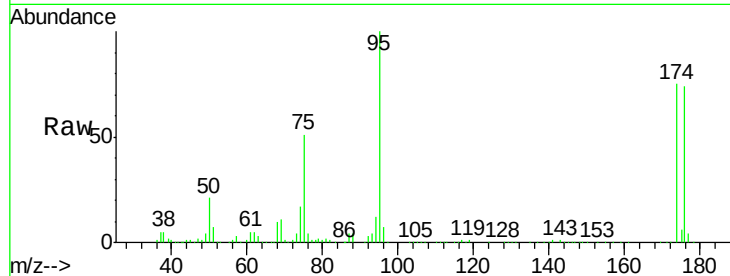
Tot Ion: 95 Resp: 130625

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

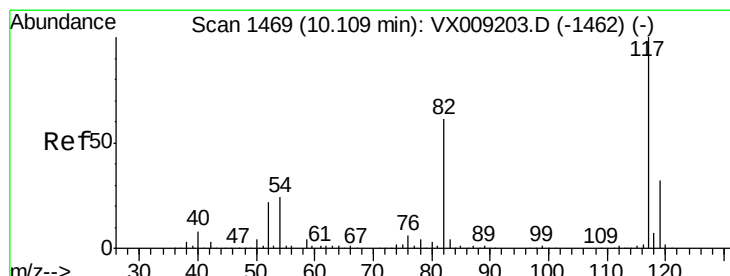
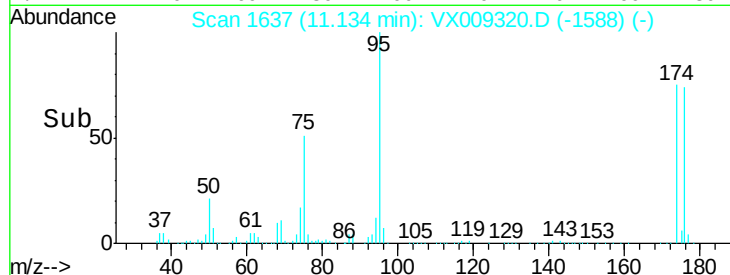
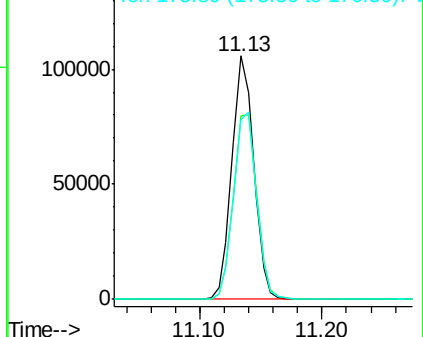
176 80.1 0.0 159.2



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: VX009320.D

Acq: 03 May 2019 19:24

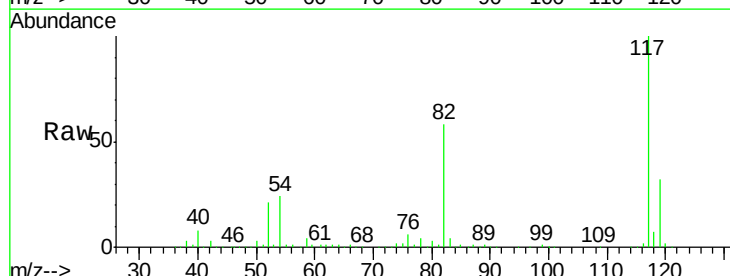
Tgt Ion: 117 Resp: 280360

Ion Ratio Lower Upper

117 100

82 58.4 48.8 73.2

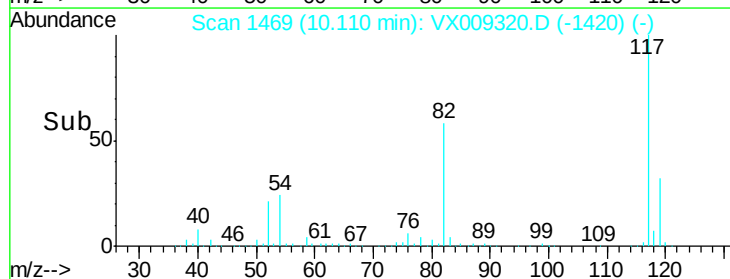
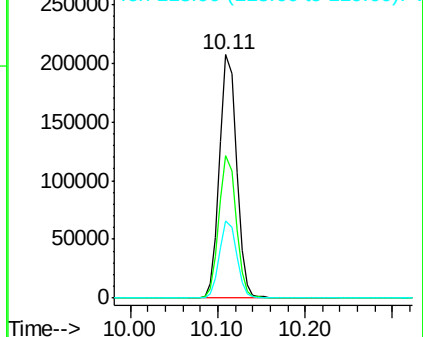
119 31.6 25.8 38.6

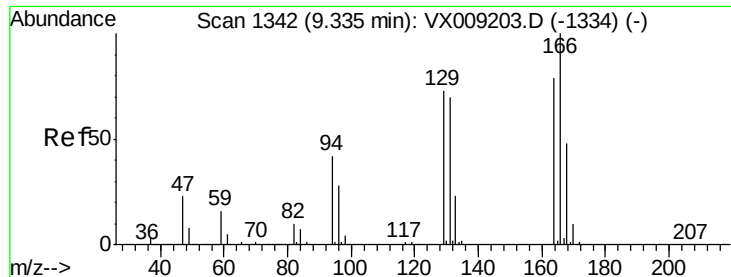


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 2.121 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009320.D

Acq: 03 May 2019 19:24

Instrument :

MSVOA_X

ClientSampleId :

SS052OW376-190502

Tot Ion:164 Resp: 4079

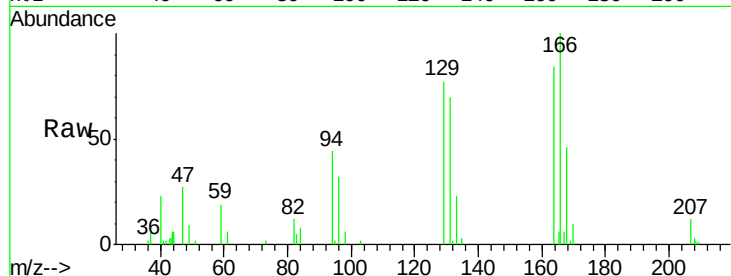
Ion Ratio Lower Upper

164 100

166 118.7 101.2 151.8

129 91.4 74.3 111.5

131 83.3 71.0 106.6

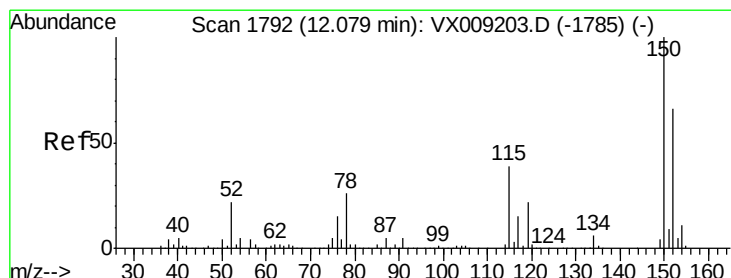
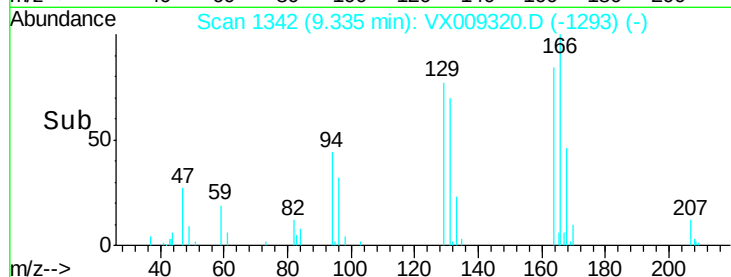
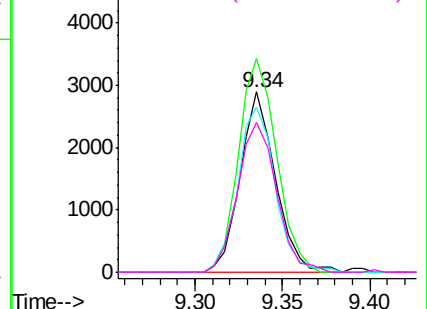


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX009320.D

Acq: 03 May 2019 19:24

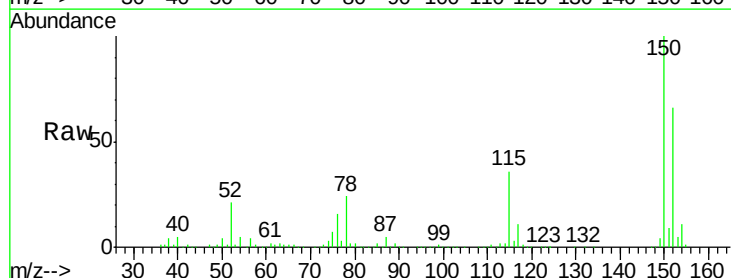
Tgt Ion:152 Resp: 118316

Ion Ratio Lower Upper

152 100

115 57.7 41.2 123.6

150 154.4 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

