

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009452.D
 Acq On : 10 May 2019 01:30
 Operator : JC/SP
 Sample : K2782-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW272-190507

Quant Time: May 10 08:37:04 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

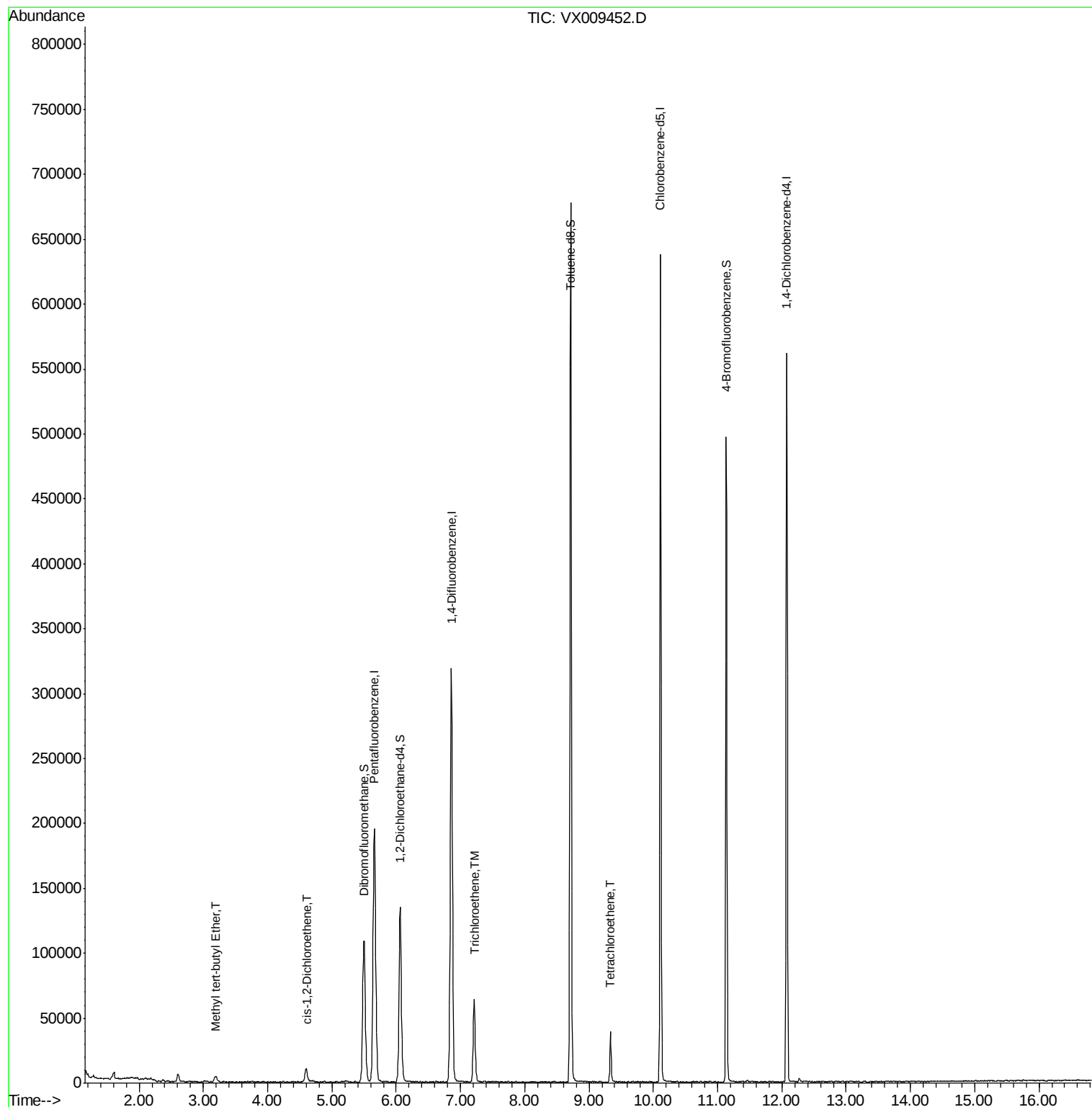
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127331	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	5.50	113	94174	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	386919	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.13	95	128497	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
Target Compounds						
19) Methyl tert-butyl Ether	3.19	73	4551	0.636	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	6264	2.626	ug/l	89
44) Trichloroethene	7.21	130	25208	11.617	ug/l	97
64) Tetrachloroethene	9.34	164	7463	3.982	ug/l	96

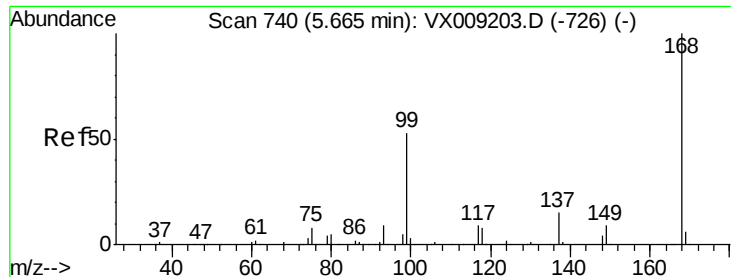
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 10 08:37:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009452.D

Acq: 10 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

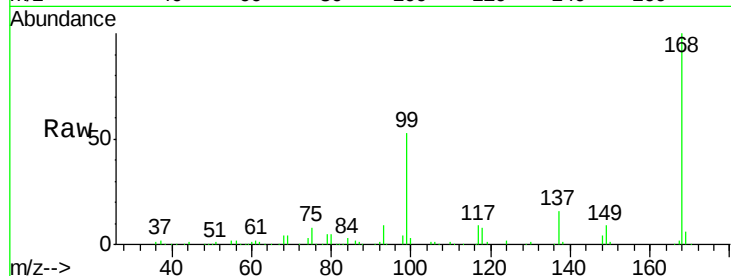
SS052MW272-190507

Tot Ion:168 Resp: 196367

Ion Ratio Lower Upper

168 100

99 52.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

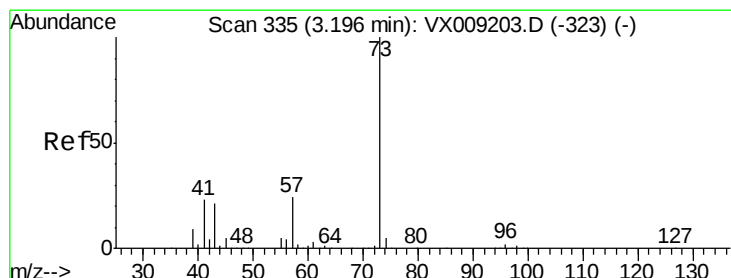
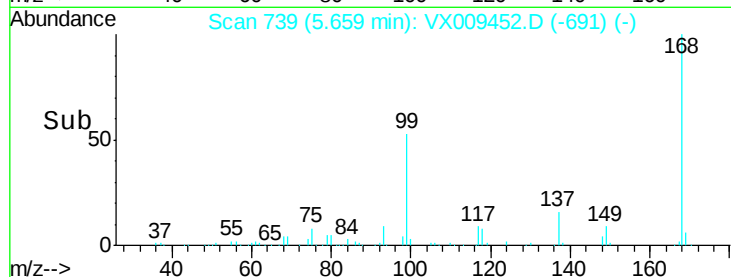
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#19

Methyl tert-butyl Ether

Concen: 0.636 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX009452.D

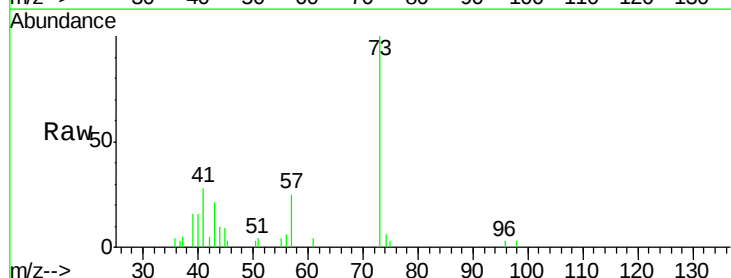
Acq: 10 May 2019 01:30

Tgt Ion: 73 Resp: 4551

Ion Ratio Lower Upper

73 100

57 25.1 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

2000

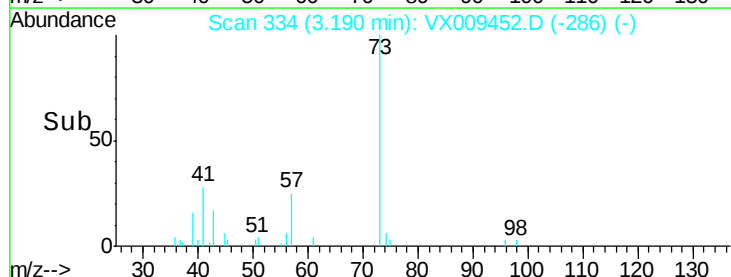
1500

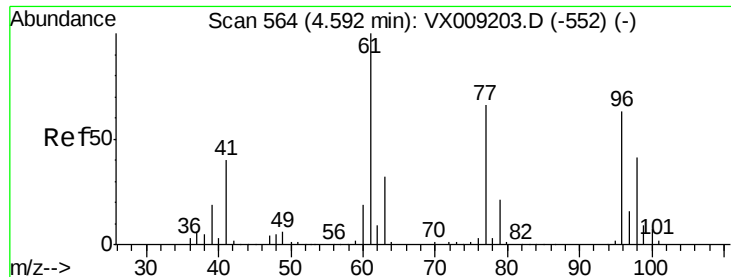
1000

500

0

Time--> 3.10 3.15 3.20 3.25 3.30



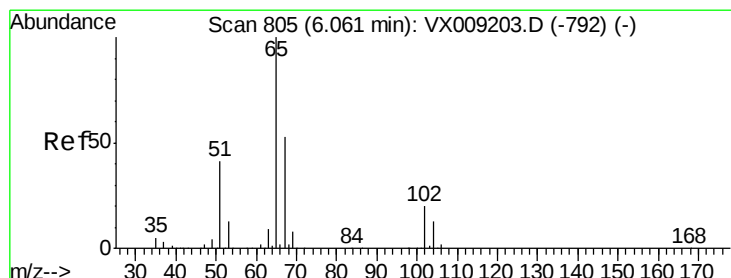
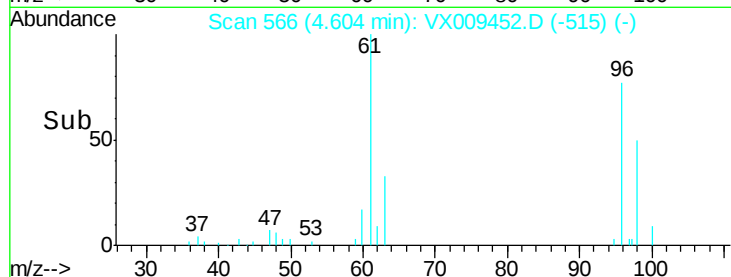
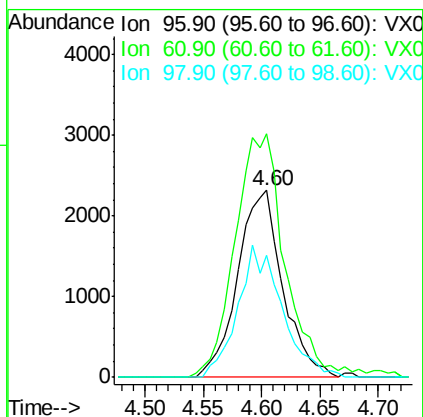
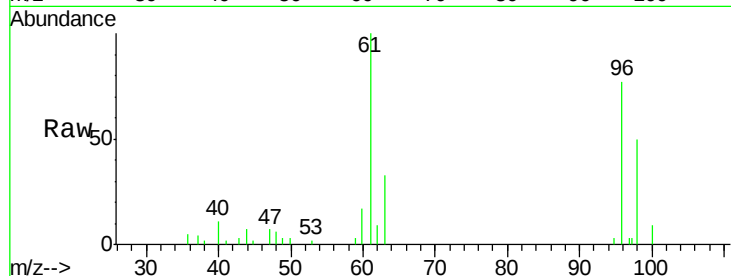


#27

cis-1,2-Dichloroethene
 Concen: 2.626 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX009452.D
 Acq: 10 May 2019 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW272-190507

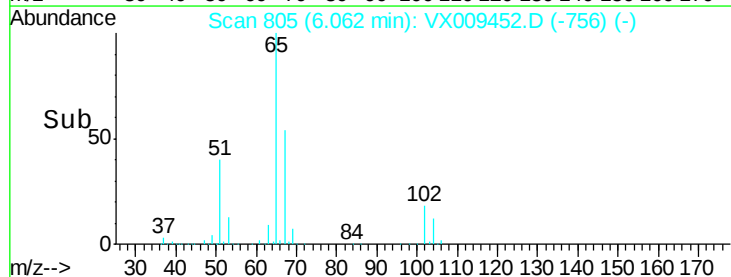
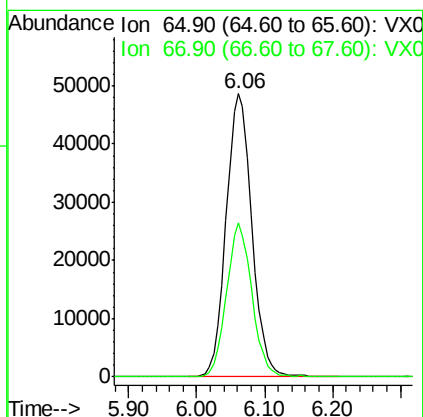
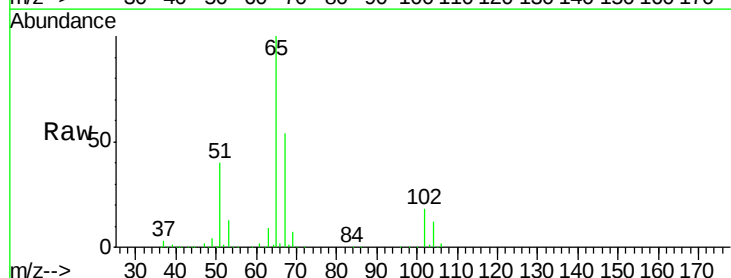
Tot Ion: 96 Resp: 6264
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 324.0
 98 68.9 0.0 130.4

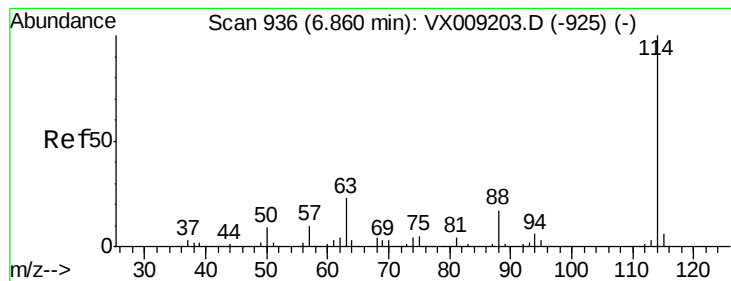


#33

1,2-Dichloroethane-d4
 Concen: 47.500 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009452.D
 Acq: 10 May 2019 01:30

Tgt Ion: 65 Resp: 127331
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009452.D

Acq: 10 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

SS052MW272-190507

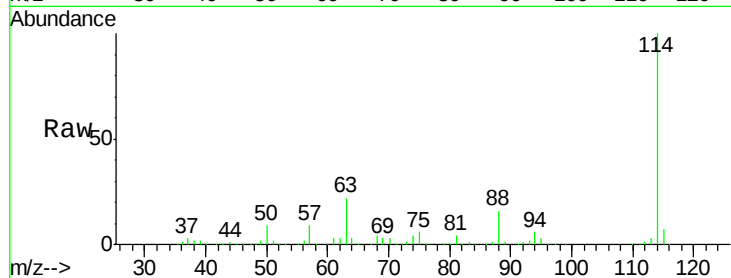
Tot Ion:114 Resp: 312093

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.6

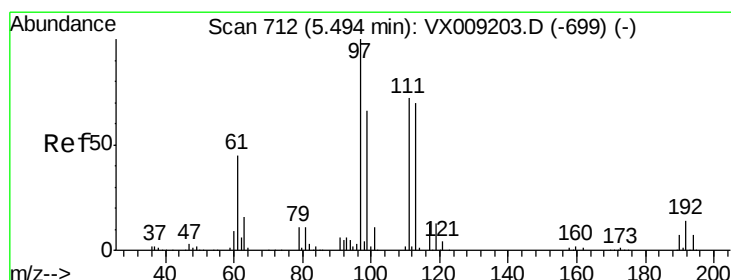
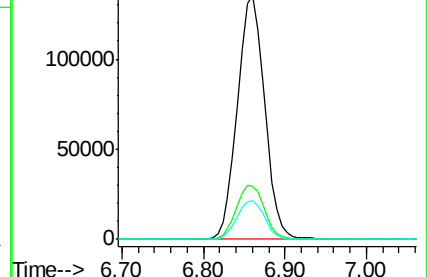
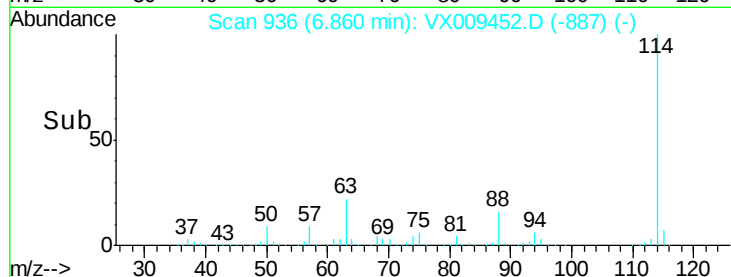
88 15.8 0.0 33.2



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: 48.000 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009452.D

Acq: 10 May 2019 01:30

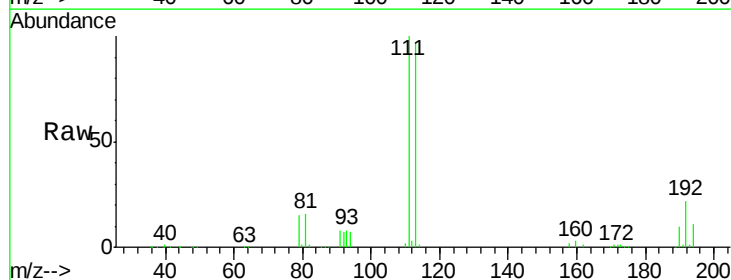
Tgt Ion:113 Resp: 94174

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

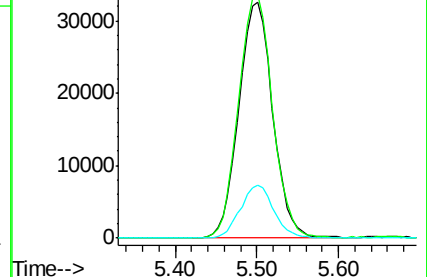
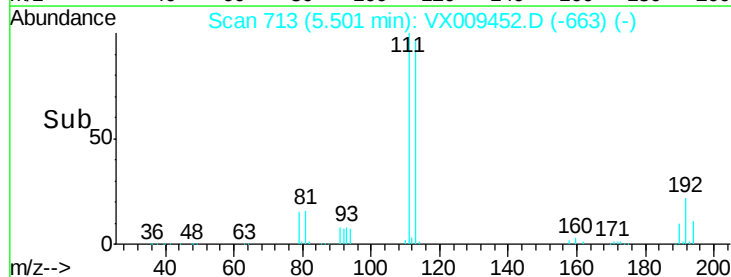
192 22.1 17.0 25.6

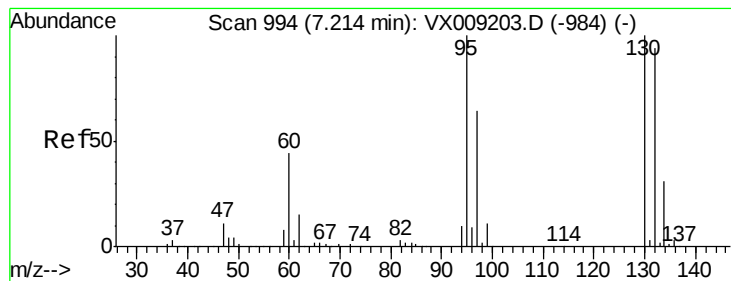


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 11.617 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009452.D

Acq: 10 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

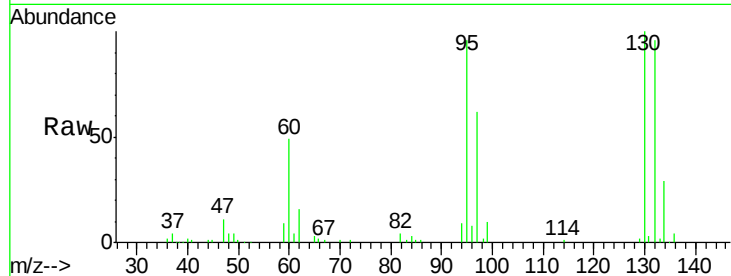
SS052MW272-190507

Tot Ion:130 Resp: 25208

Ion Ratio Lower Upper

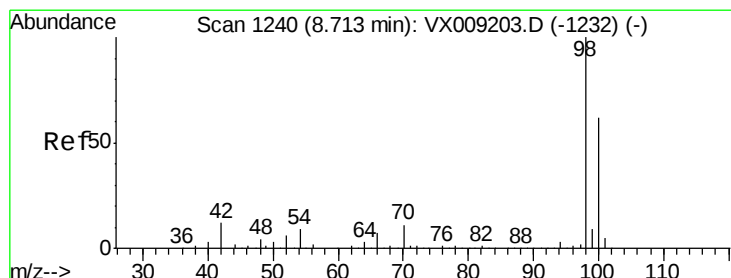
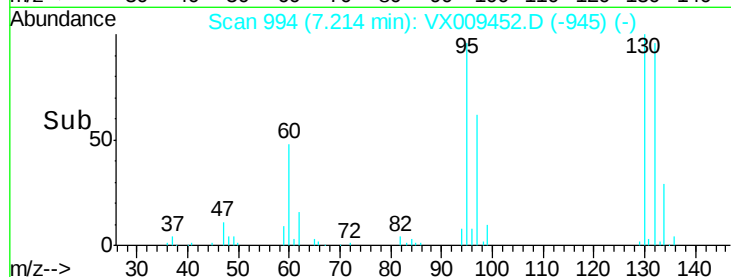
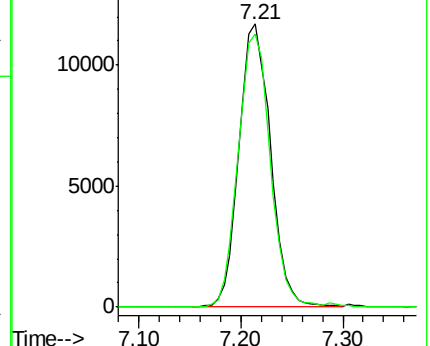
130 100

95 96.5 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: 48.848 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009452.D

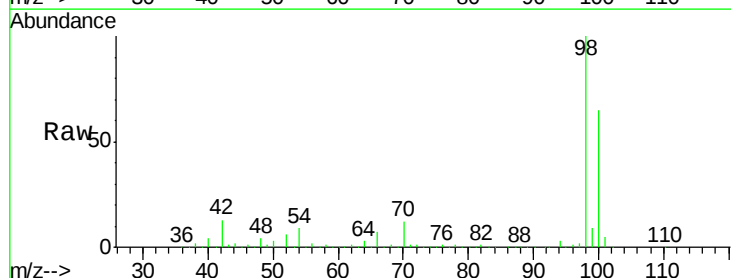
Acq: 10 May 2019 01:30

Tgt Ion: 98 Resp: 386919

Ion Ratio Lower Upper

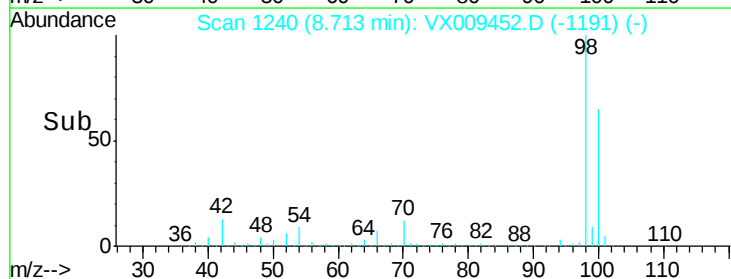
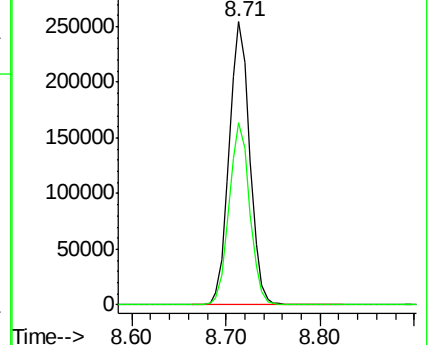
98 100

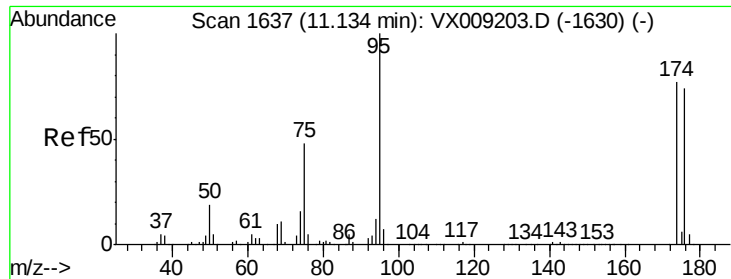
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.646 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009452.D

Acq: 10 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

SS052MW272-190507

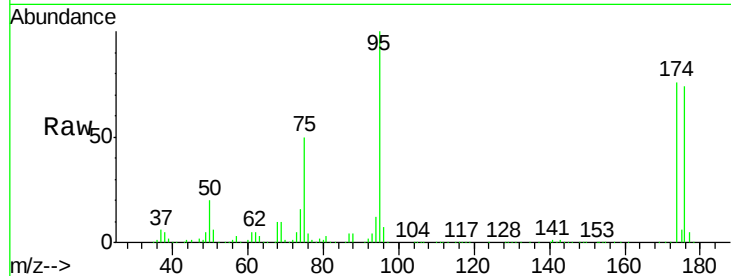
Tot Ion: 95 Resp: 128497

Ion Ratio Lower Upper

95 100

174 82.2 0.0 161.6

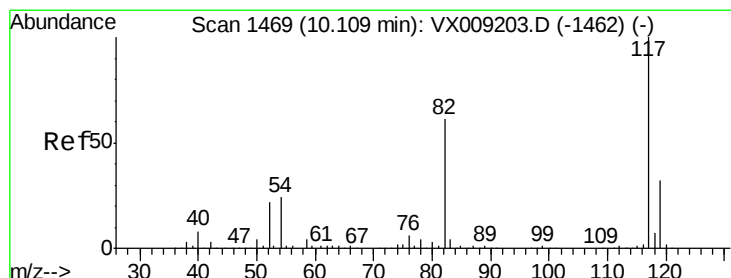
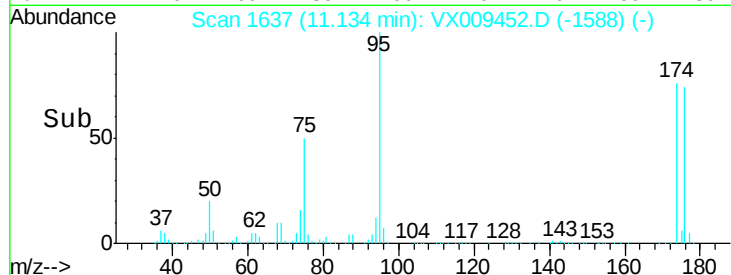
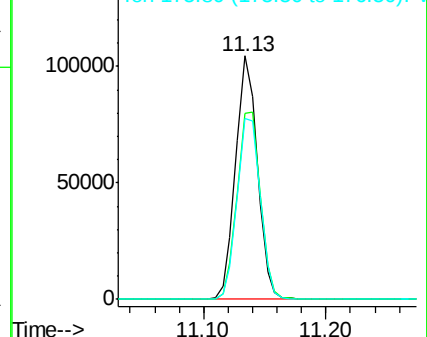
176 79.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009452.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009452.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009452.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009452.D

Acq: 10 May 2019 01:30

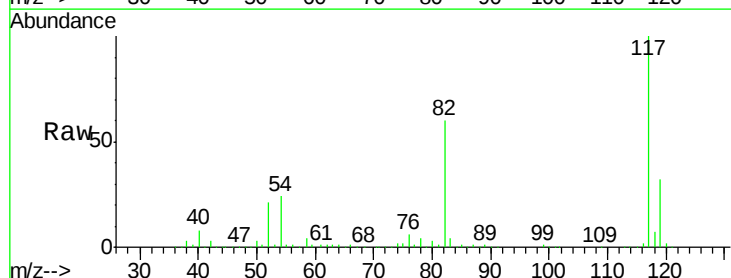
Tgt Ion: 117 Resp: 273243

Ion Ratio Lower Upper

117 100

82 59.5 48.8 73.2

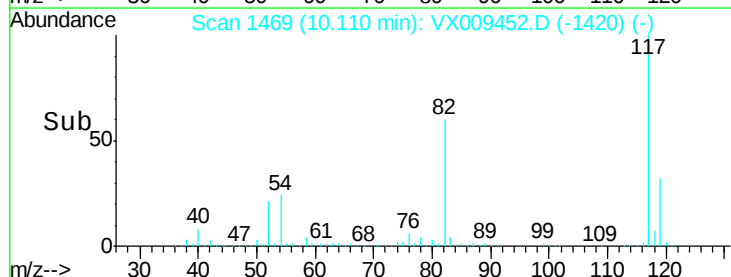
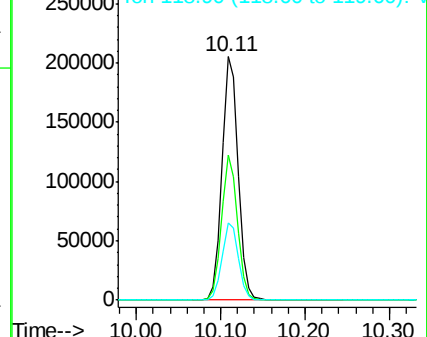
119 31.7 25.8 38.6

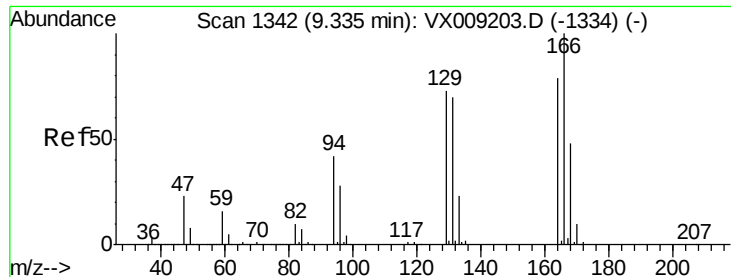


Abundance Ion 116.90 (116.60 to 117.60): VX009452.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009452.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009452.D (-1420) (-)





#64

Tetrachloroethene

Concen: 3.982 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009452.D

Acq: 10 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

SS052MW272-190507

Tot Ion:164 Resp: 7463

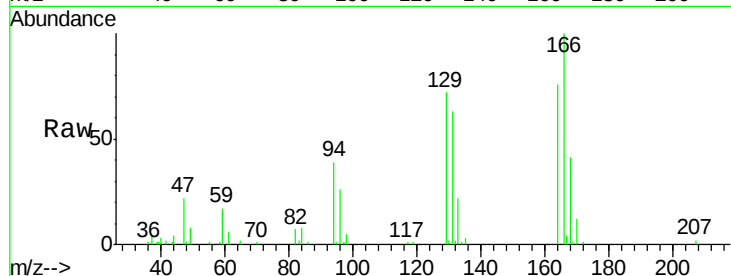
Ion Ratio Lower Upper

164 100

166 130.9 101.2 151.8

129 93.8 74.3 111.5

131 82.4 71.0 106.6

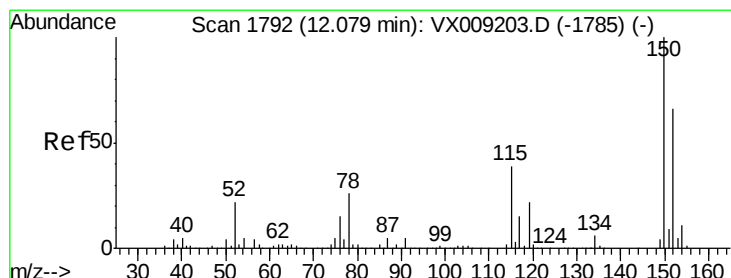
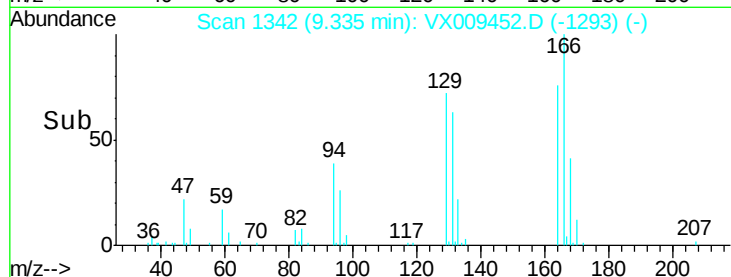
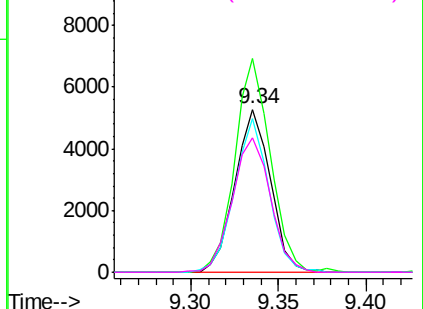


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX009452.D

Acq: 10 May 2019 01:30

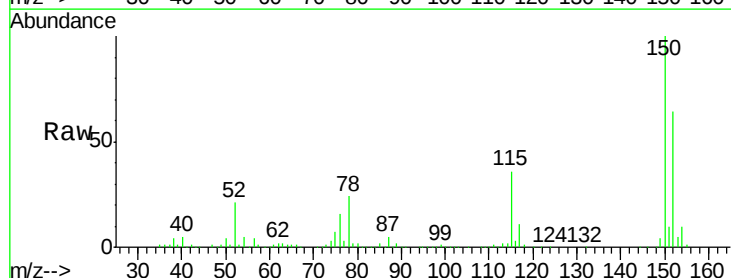
Tgt Ion:152 Resp: 117895

Ion Ratio Lower Upper

152 100

115 57.9 41.2 123.6

150 155.7 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

