

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009461.D
 Acq On : 10 May 2019 04:59
 Operator : JC/SP
 Sample : K2782-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW352-190507

Quant Time: May 10 08:59:05 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

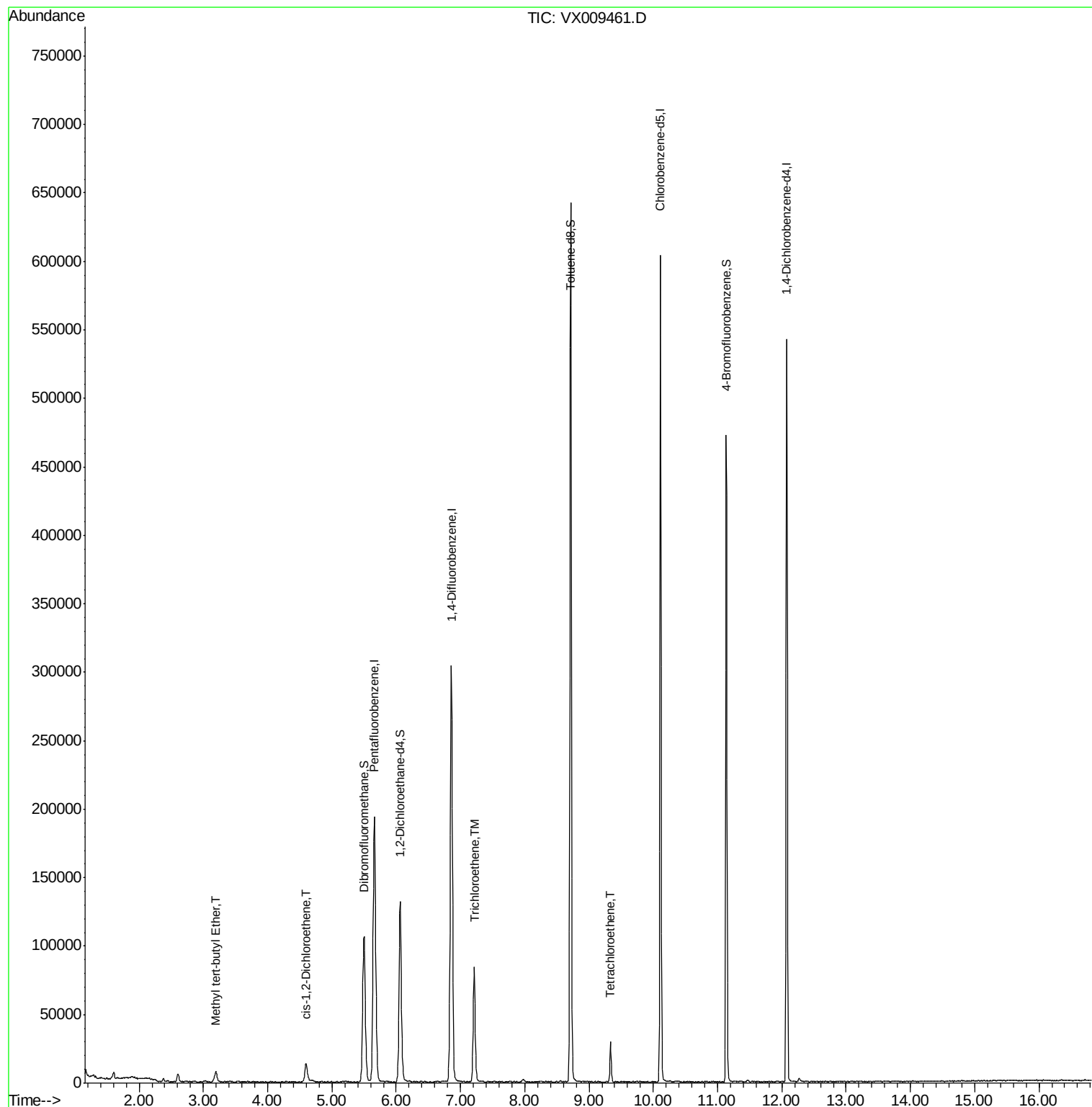
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123909	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
35) Dibromofluoromethane	5.50	113	91935	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	8.71	98	376963	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	123890	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
Target Compounds						
19) Methyl tert-butyl Ether	3.20	73	7933	1.153	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	8288	3.612	ug/l	88
44) Trichloroethene	7.21	130	31957	15.171	ug/l	99
64) Tetrachloroethene	9.34	164	5706	3.136	ug/l	99

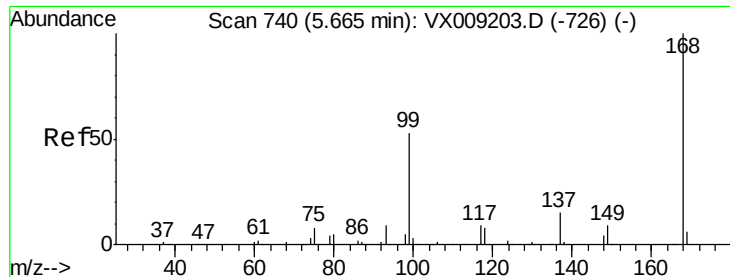
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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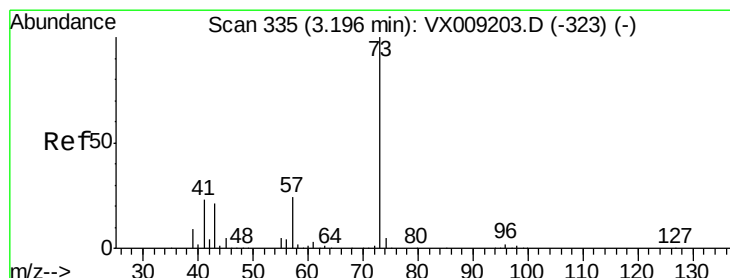
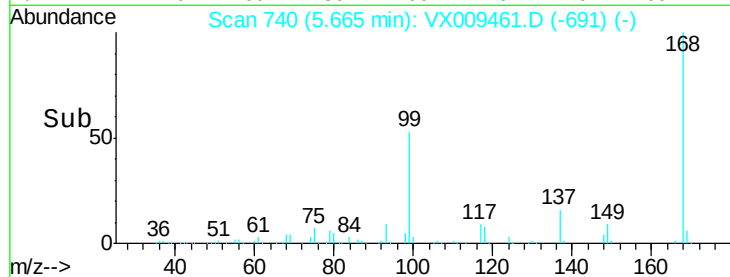
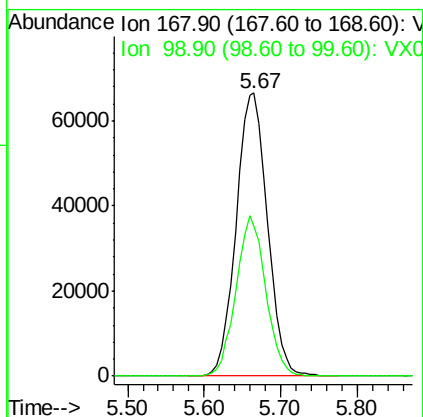
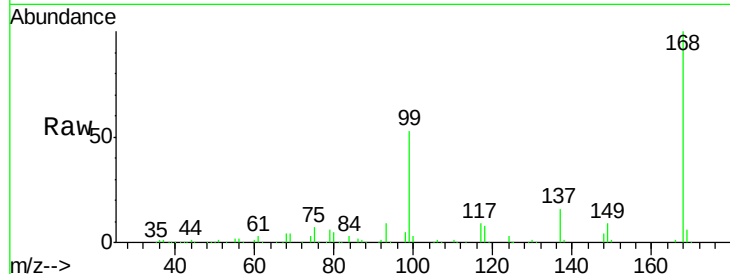




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009461.D
Acq: 10 May 2019 04:59

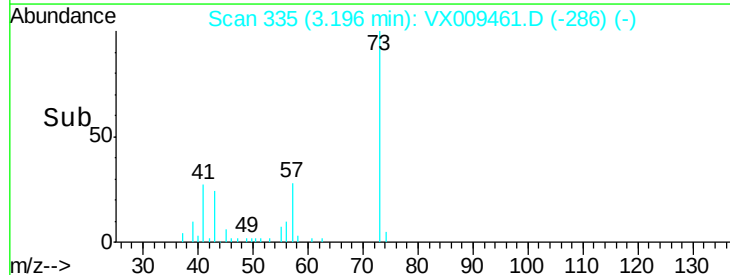
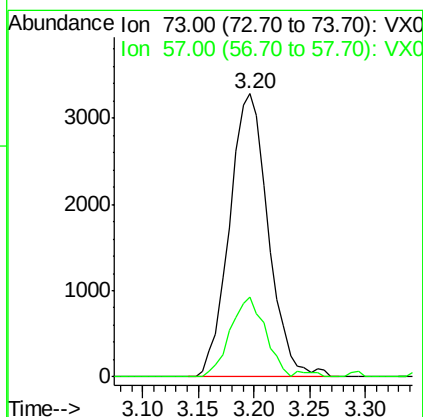
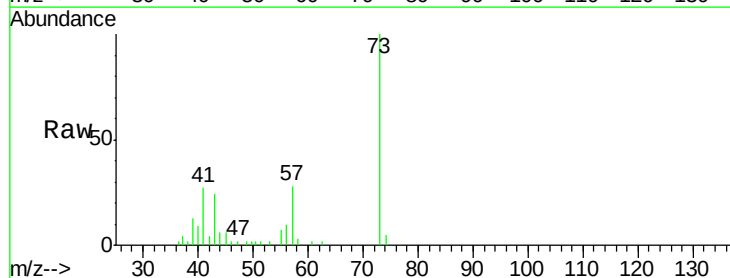
Instrument :
MSVOA_X
ClientSampleId :
SS052MW352-190507

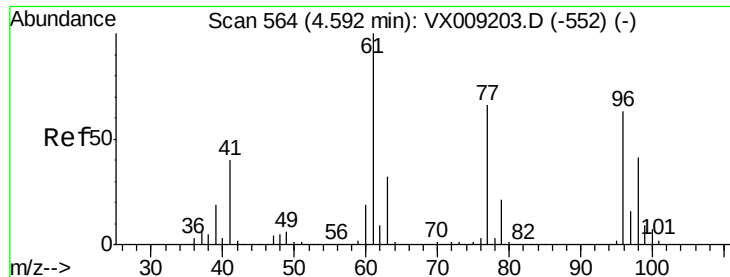
Tot Ion:168 Resp: 188913
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 1.153 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009461.D
Acq: 10 May 2019 04:59

Tgt Ion: 73 Resp: 7933
Ion Ratio Lower Upper
73 100
57 28.1 19.3 28.9



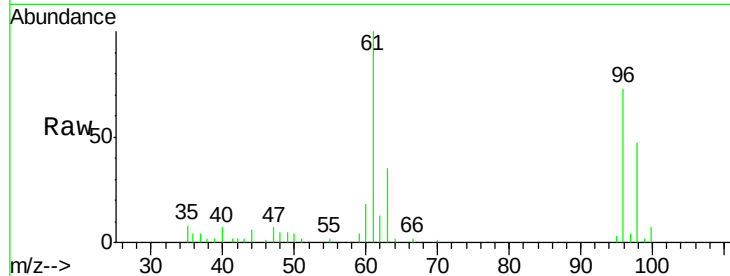


#27

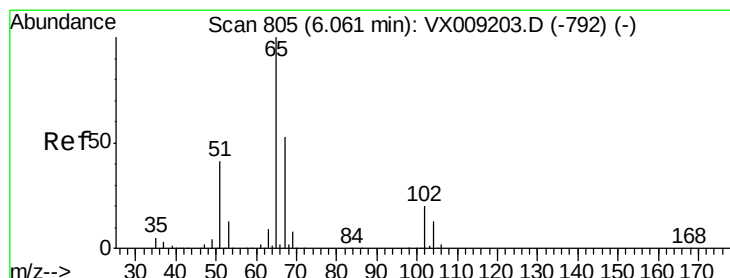
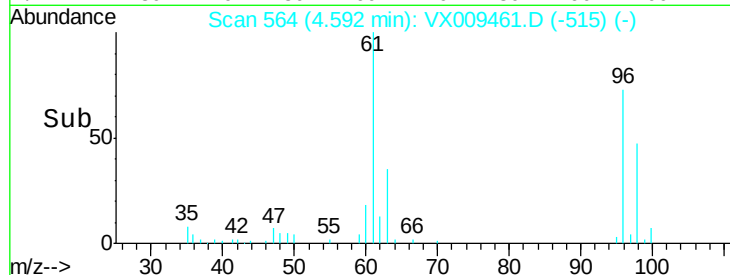
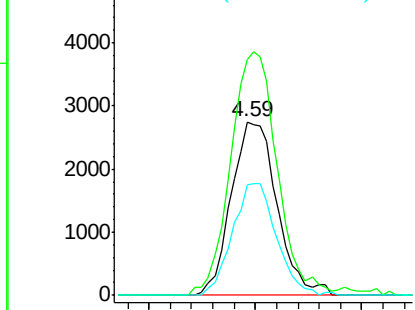
cis-1,2-Dichloroethene
 Concen: 3.612 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009461.D
 Acq: 10 May 2019 04:59

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW352-190507

Tot Ion: 96 Resp: 8288
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 324.0
 98 62.1 0.0 130.4



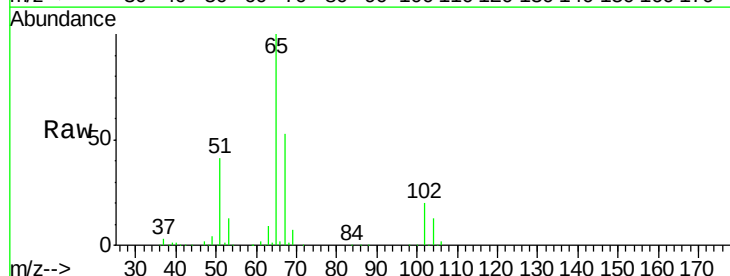
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



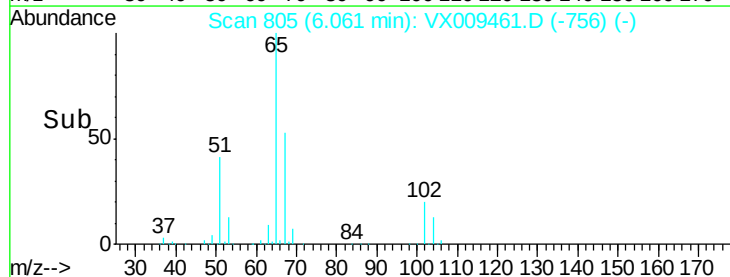
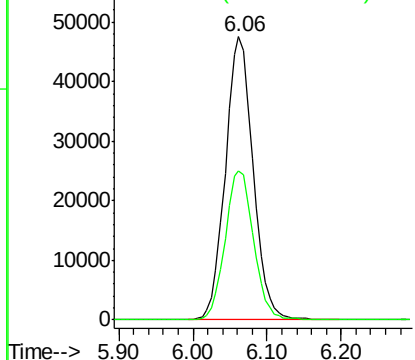
#33

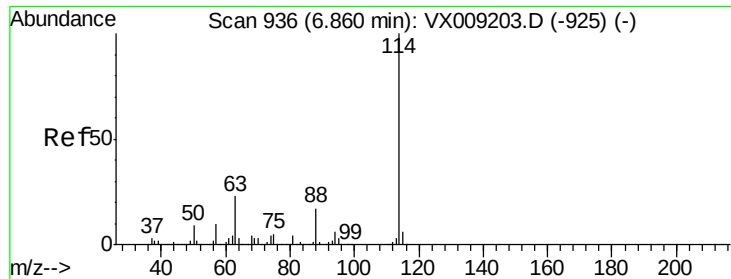
1,2-Dichloroethane-d4
 Concen: 48.047 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009461.D
 Acq: 10 May 2019 04:59

Tgt Ion: 65 Resp: 123909
 Ion Ratio Lower Upper
 65 100
 67 53.8 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: VX009461.D

Acq: 10 May 2019 04:59

Instrument :

MSVOA_X

ClientSampleId :

SS052MW352-190507

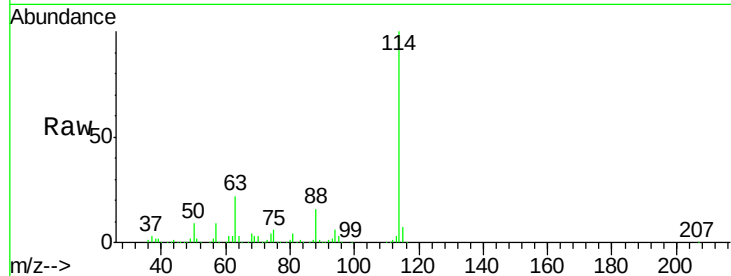
Tot Ion:114 Resp: 302967

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

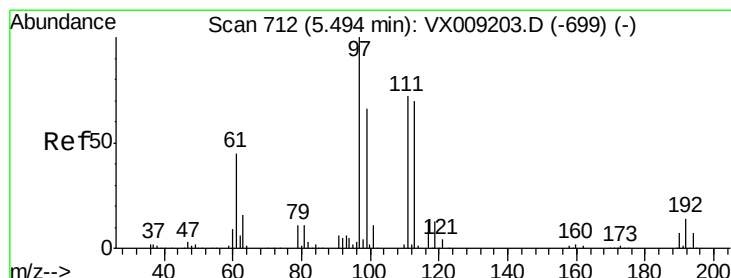
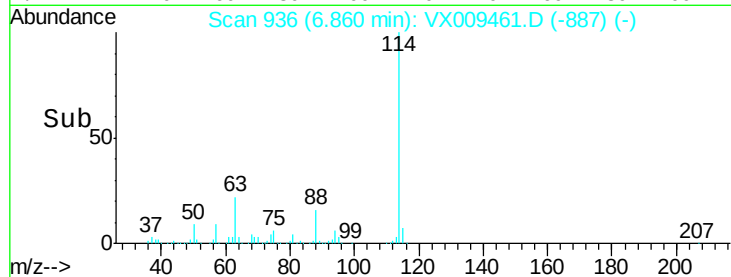
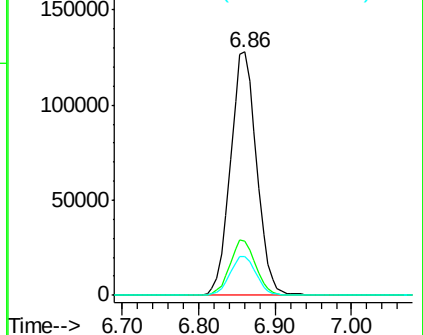
88 16.1 0.0 33.2



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: 48.271 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009461.D

Acq: 10 May 2019 04:59

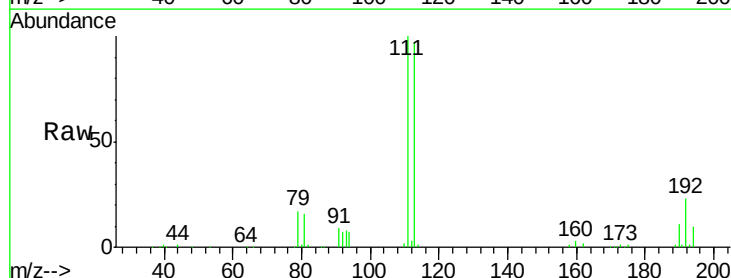
Tgt Ion:113 Resp: 91935

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

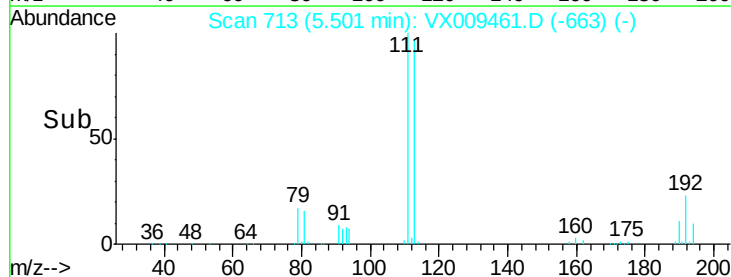
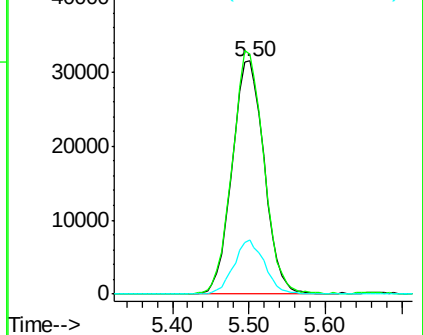
192 22.2 17.0 25.6

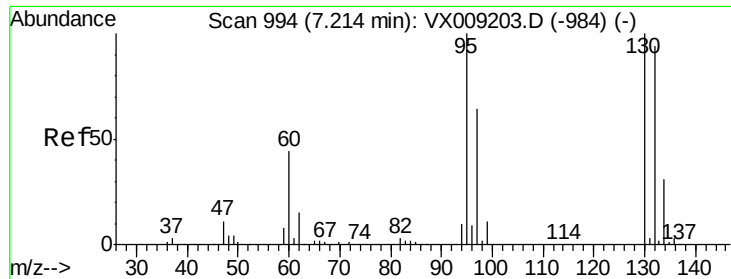


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 15.171 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009461.D

Acq: 10 May 2019 04:59

Instrument :

MSVOA_X

ClientSampleId :

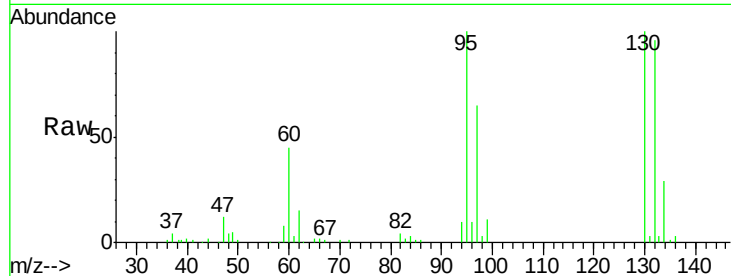
SS052MW352-190507

Tot Ion:130 Resp: 31957

Ion Ratio Lower Upper

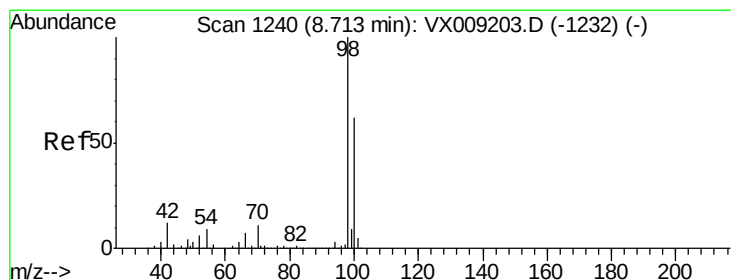
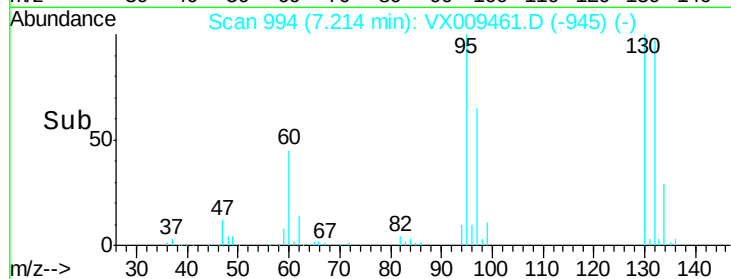
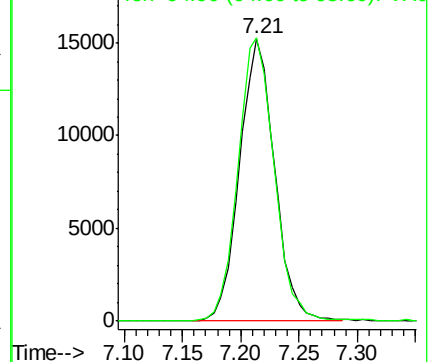
130 100

95 100.2 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: 49.025 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009461.D

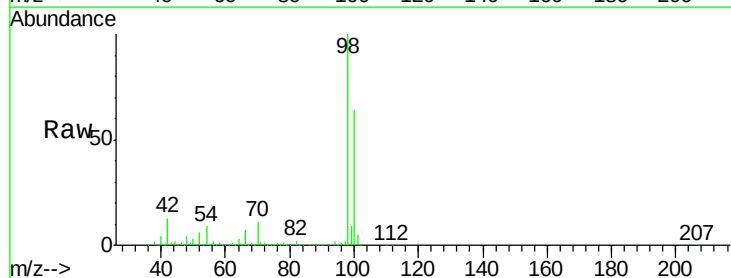
Acq: 10 May 2019 04:59

Tgt Ion: 98 Resp: 376963

Ion Ratio Lower Upper

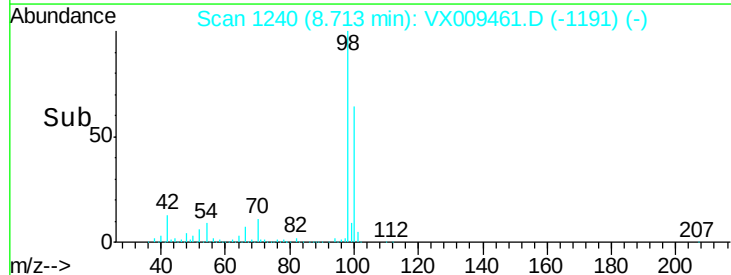
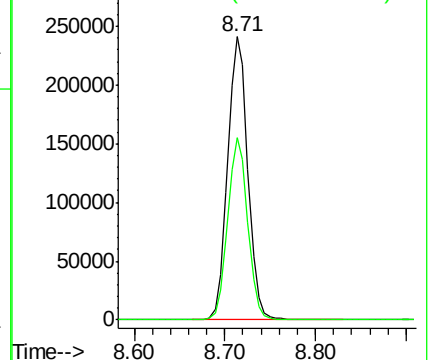
98 100

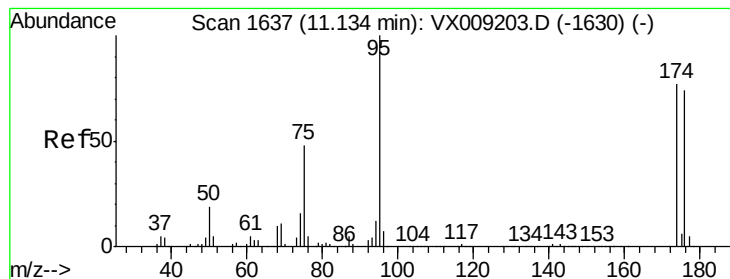
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.342 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009461.D

Acq: 10 May 2019 04:59

Instrument :

MSVOA_X

ClientSampleId :

SS052MW352-190507

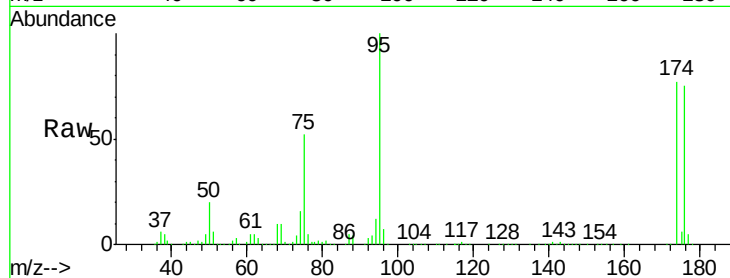
Tot Ion: 95 Resp: 123890

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.6

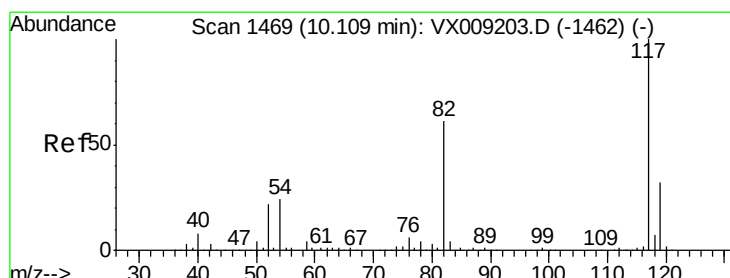
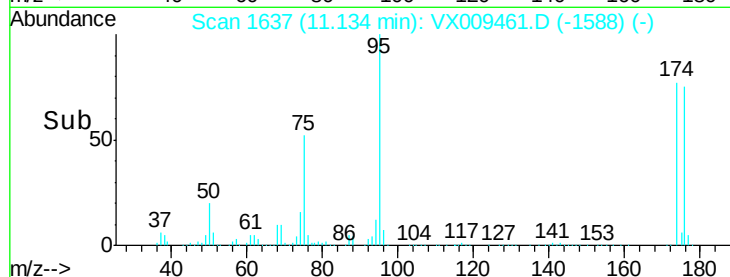
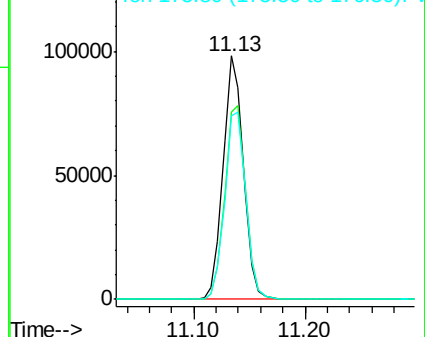
176 79.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009461.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009461.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009461.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009461.D

Acq: 10 May 2019 04:59

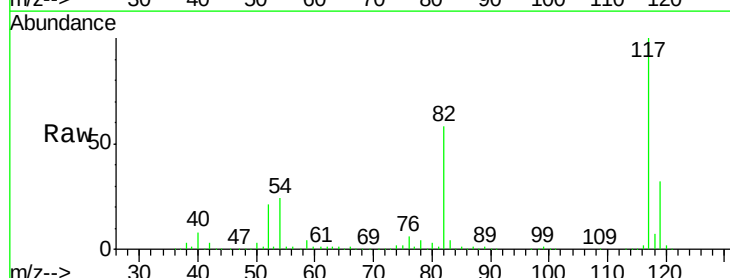
Tgt Ion: 117 Resp: 265290

Ion Ratio Lower Upper

117 100

82 58.3 48.8 73.2

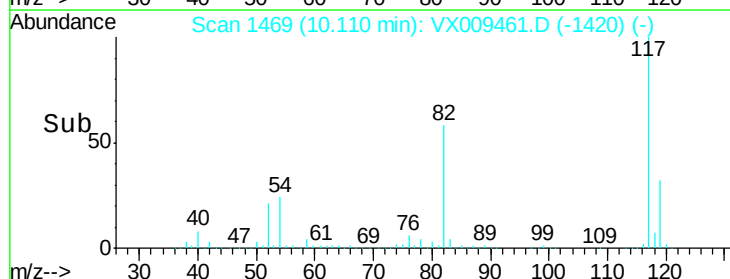
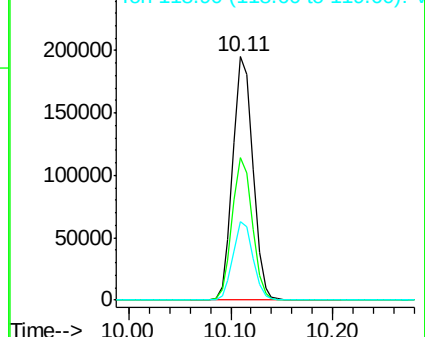
119 32.0 25.8 38.6

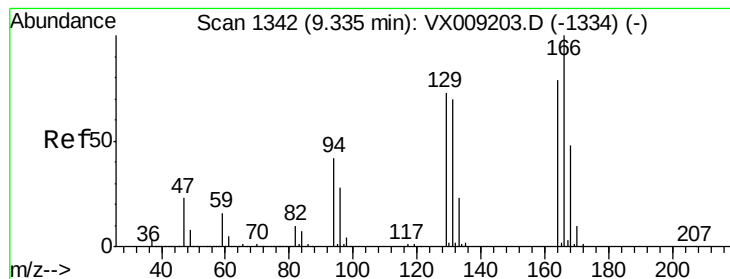


Abundance Ion 116.90 (116.60 to 117.60): VX009461.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009461.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009461.D (-1420) (-)





#64

Tetrachloroethene

Concen: 3.136 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009461.D

Acq: 10 May 2019 04:59

Instrument :

MSVOA_X

ClientSampleId :

SS052MW352-190507

Tot Ion:164 Resp: 5706

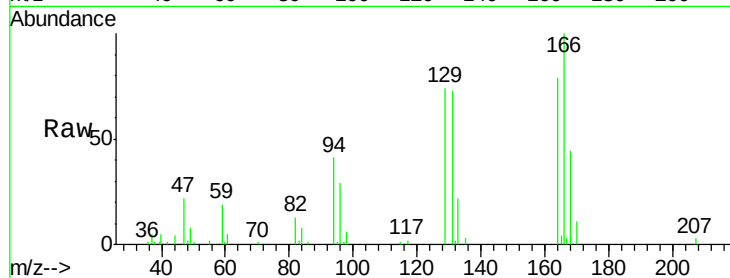
Ion Ratio Lower Upper

164 100

166 125.8 101.2 151.8

129 93.4 74.3 111.5

131 91.4 71.0 106.6

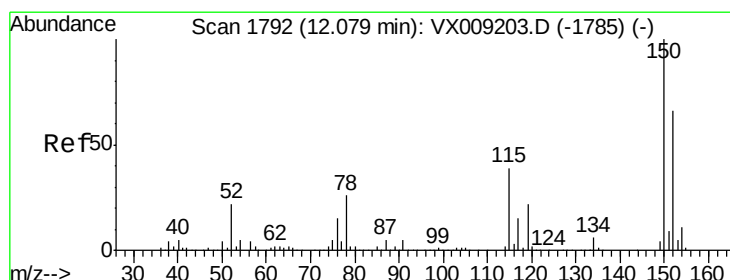
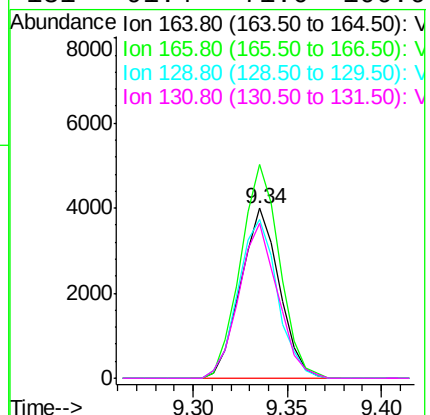
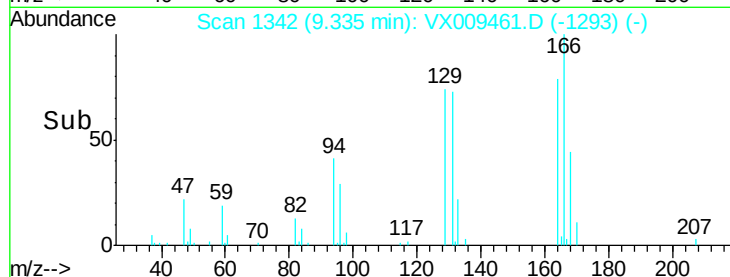


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX009461.D

Acq: 10 May 2019 04:59

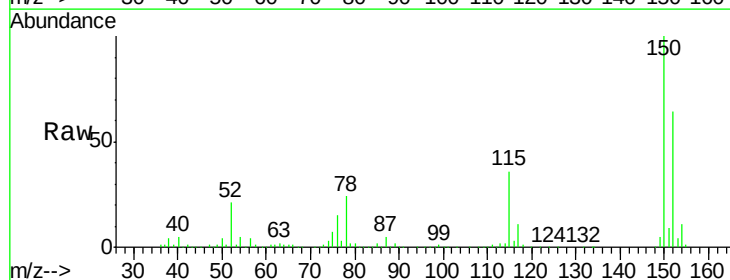
Tgt Ion:152 Resp: 112641

Ion Ratio Lower Upper

152 100

115 58.9 41.2 123.6

150 156.9 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

