

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009637.D
 Acq On : 17 May 2019 03:40
 Operator : JC/SP
 Sample : K2887-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW101-190514

Quant Time: May 17 07:56:21 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

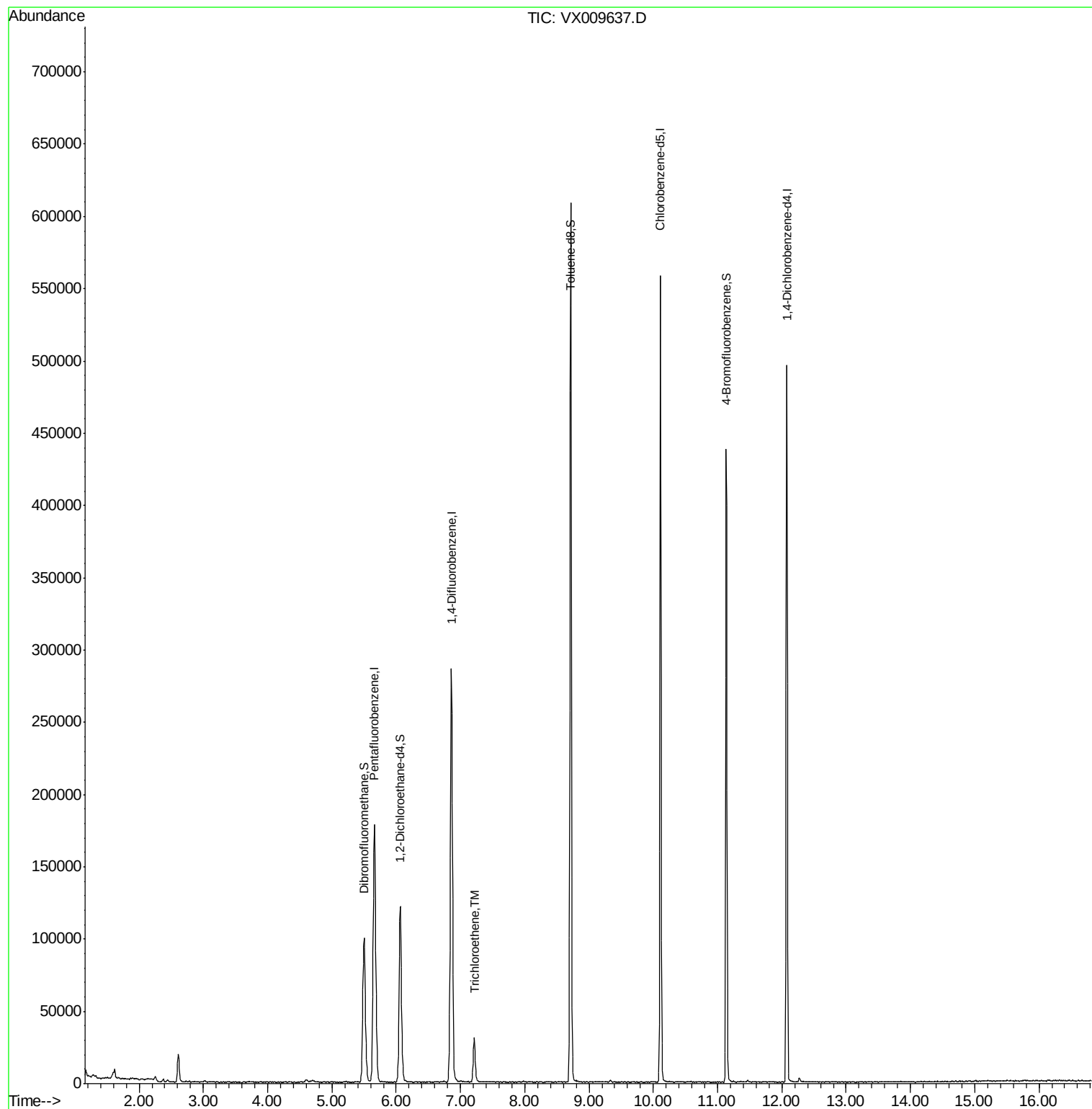
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114835	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	5.50	113	85137	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
50) Toluene-d8	8.71	98	347143	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.13	95	112761	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
Target Compounds						
44) Trichloroethene	7.21	130	11971	6.260	ug/l	Qvalue 93

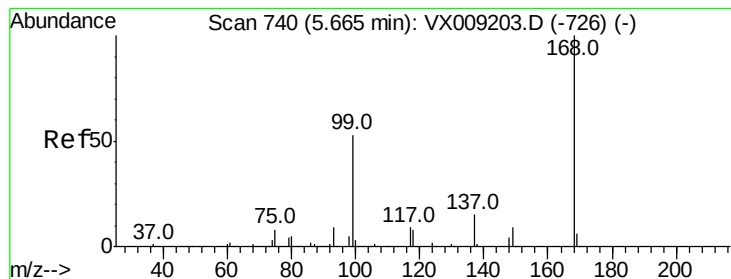
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009637.D

Acq: 17 May 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

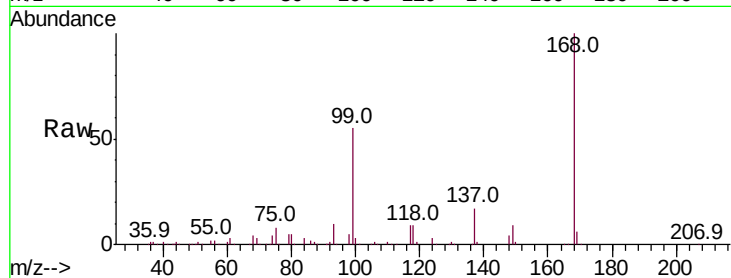
SS052MW101-190514

Tot Ion:168 Resp: 173325

Ion Ratio Lower Upper

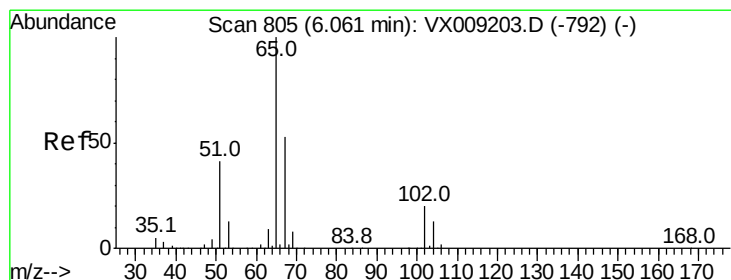
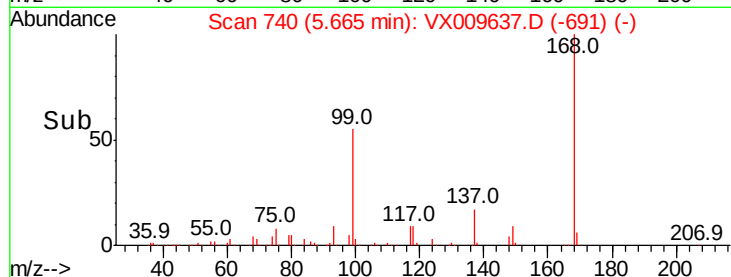
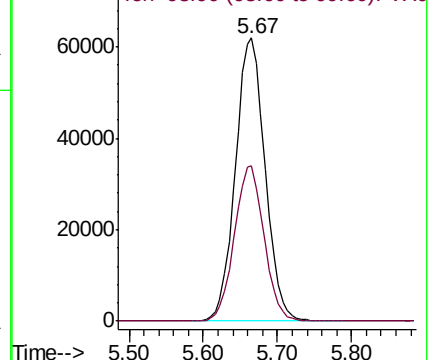
168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.534 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009637.D

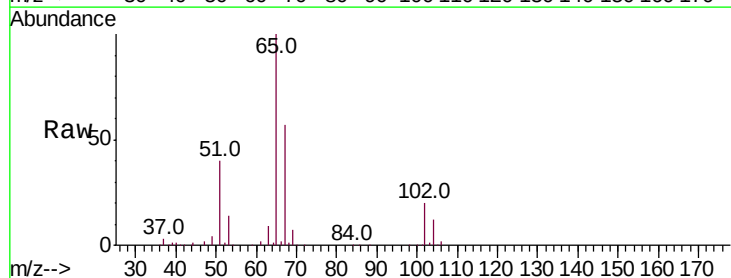
Acq: 17 May 2019 03:40

Tgt Ion: 65 Resp: 114835

Ion Ratio Lower Upper

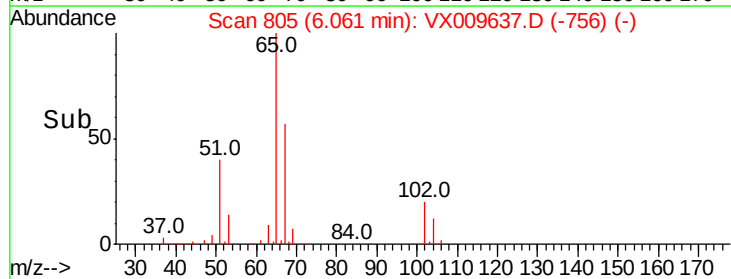
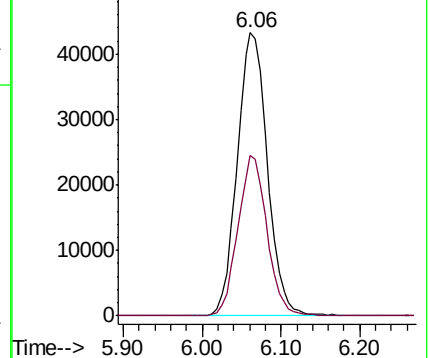
65 100

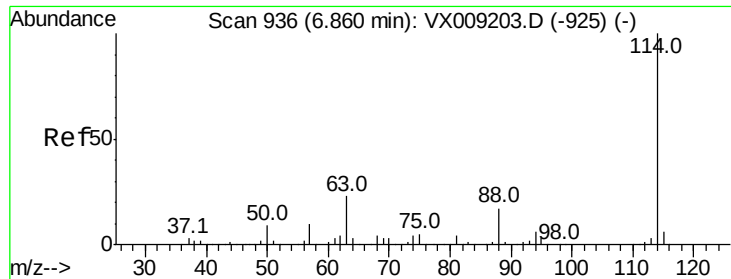
67 54.8 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

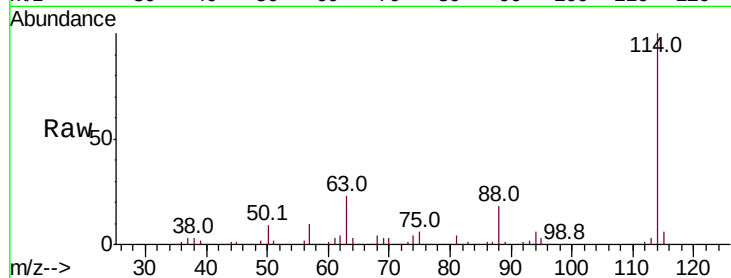




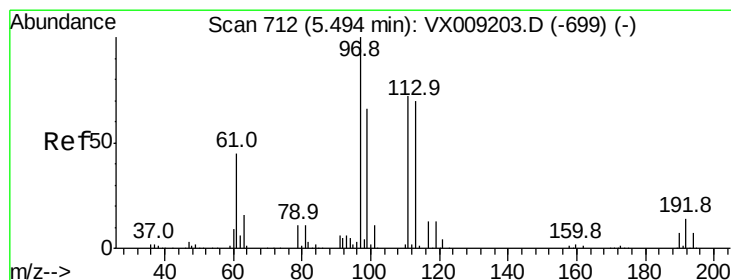
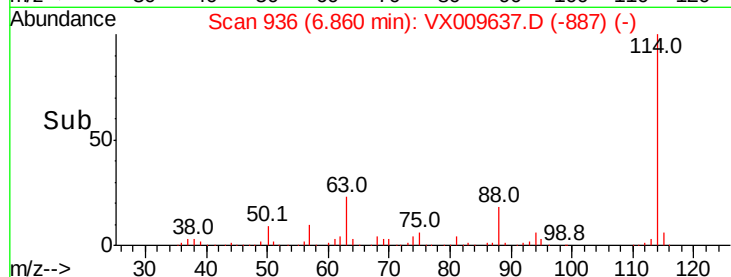
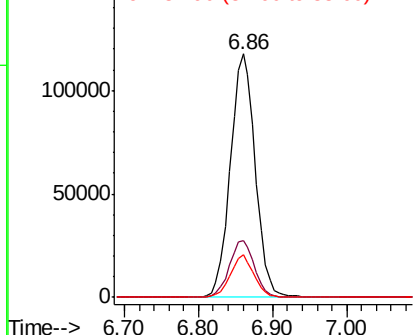
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009637.D
 Acq: 17 May 2019 03:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW101-190514

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	17.5	0.0	33.2

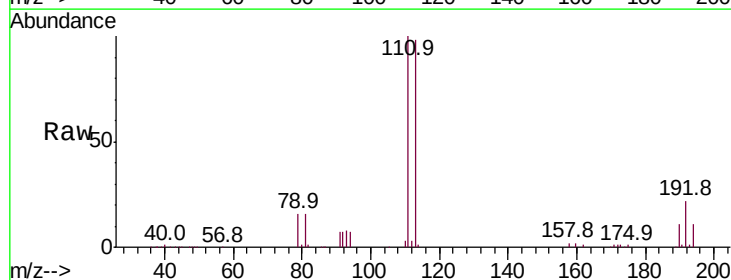


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

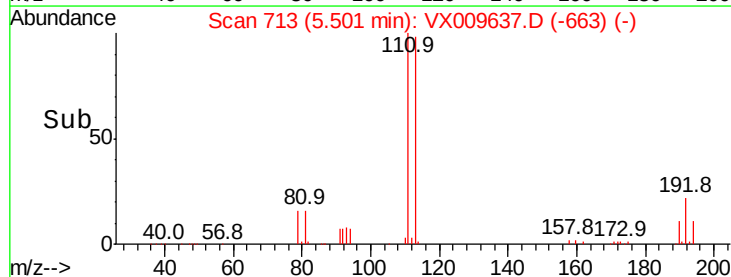
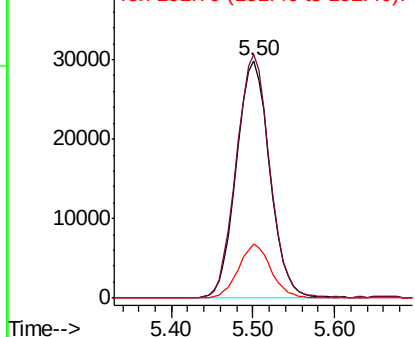


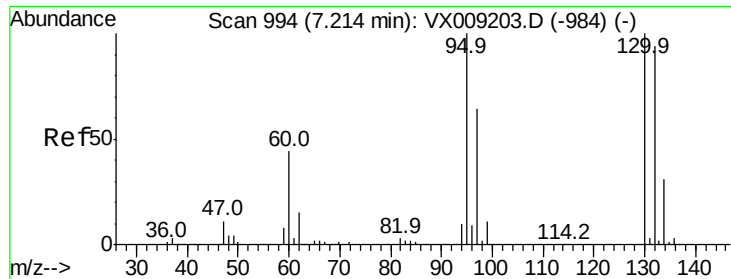
#35
 Dibromofluoromethane
 Concen: 49.243 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009637.D
 Acq: 17 May 2019 03:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	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

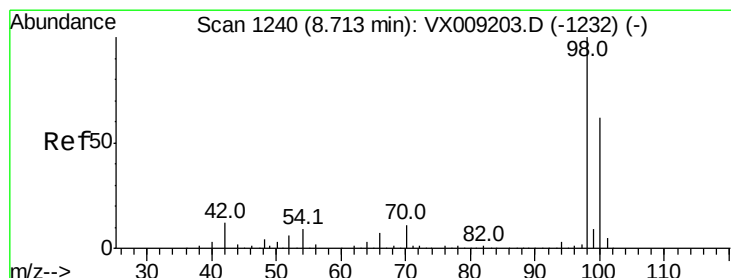
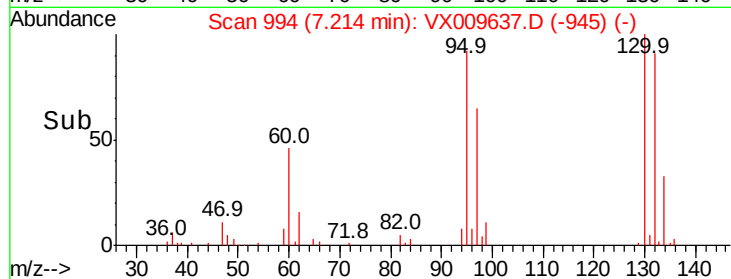
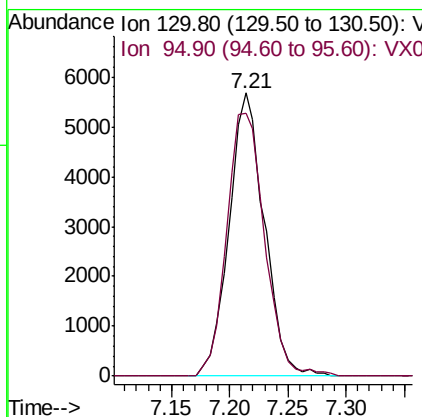
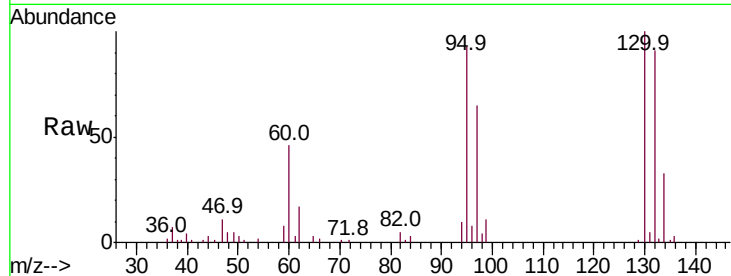




#44
 Trichloroethene
 Concen: 6.260 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009637.D
 Acq: 17 May 2019 03:40

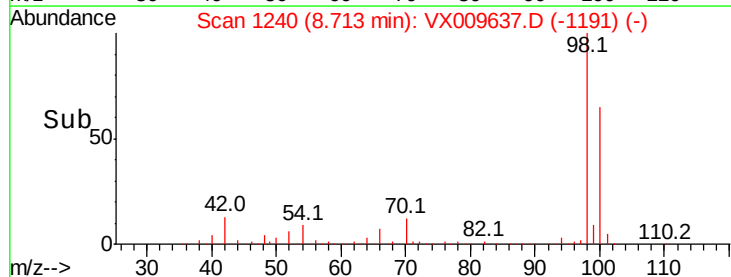
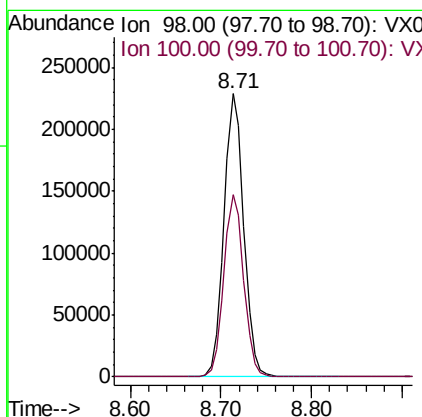
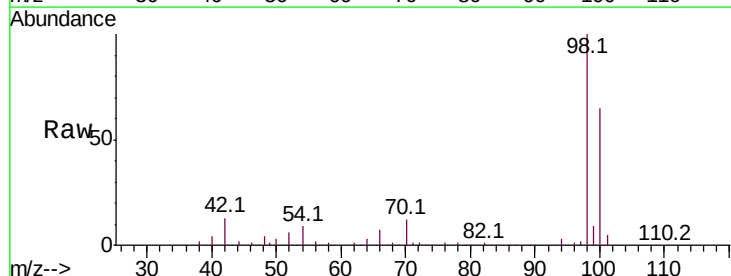
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW101-190514

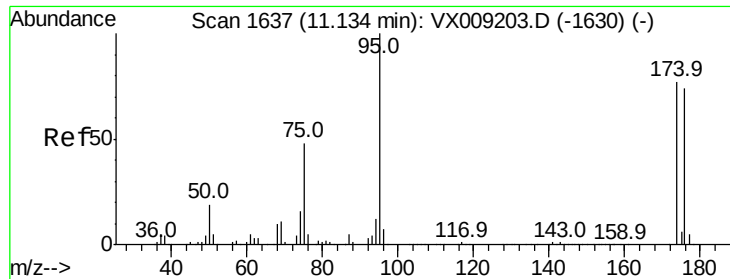
Tot Ion:130 Resp: 11971
 Ion Ratio Lower Upper
 130 100
 95 93.0 0.0 199.2



#50
 Toluene-d8
 Concen: 49.733 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009637.D
 Acq: 17 May 2019 03:40

Tgt Ion: 98 Resp: 347143
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.459 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009637.D

Acq: 17 May 2019 03:40

Instrument :

MSVOA_X

ClientSampleId :

SS052MW101-190514

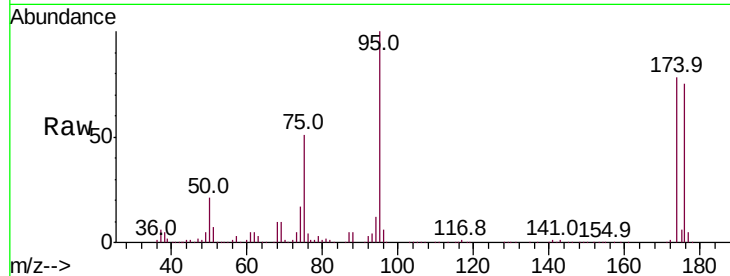
Tot Ion: 95 Resp: 112761

Ion Ratio Lower Upper

95 100

174 83.3 0.0 161.6

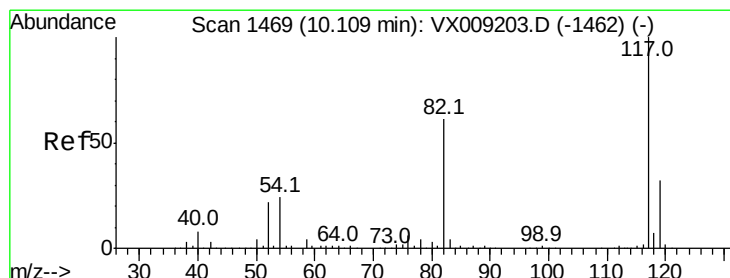
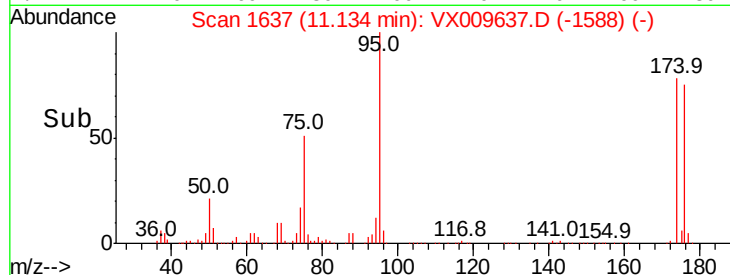
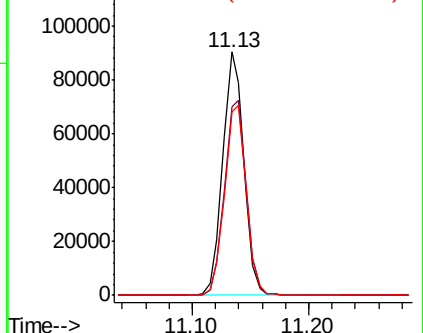
176 80.6 0.0 159.2



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: VX009637.D

Acq: 17 May 2019 03:40

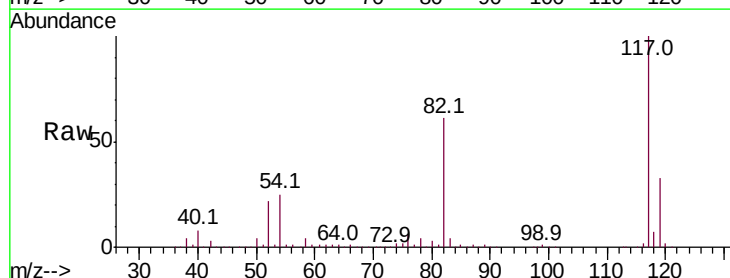
Tgt Ion: 117 Resp: 241851

Ion Ratio Lower Upper

117 100

82 60.9 48.8 73.2

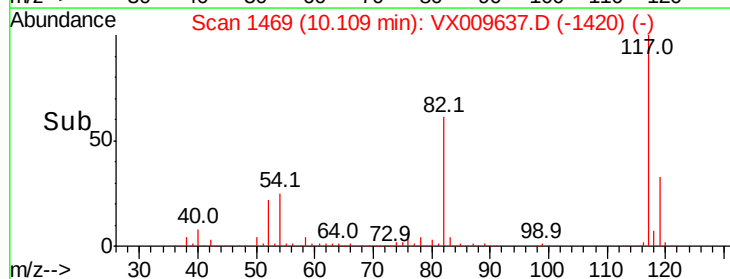
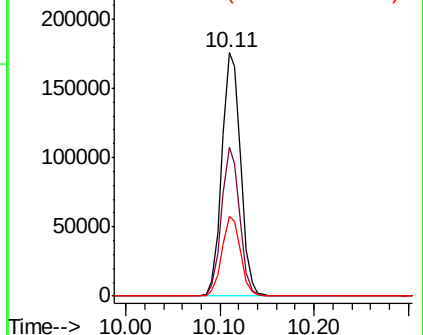
119 32.9 25.8 38.6

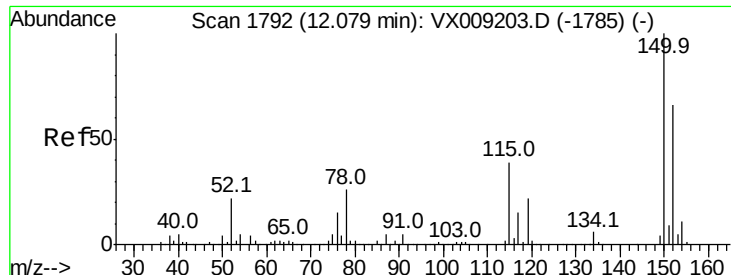


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

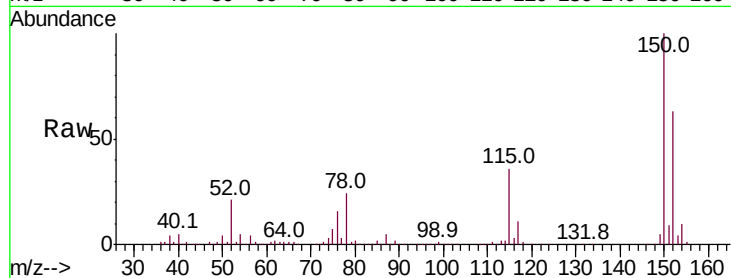




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009637.D
 Acq: 17 May 2019 03:40

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW101-190514

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	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

