

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
 Data File : VX009961.D
 Acq On : 30 May 2019 15:28
 Operator : JC/SP
 Sample : K3106-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-5-30-19

Quant Time: May 31 06:51:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274878	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110537	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118132	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	5.50	113	85751	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
50) Toluene-d8	8.71	98	350650	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.13	95	117451	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	

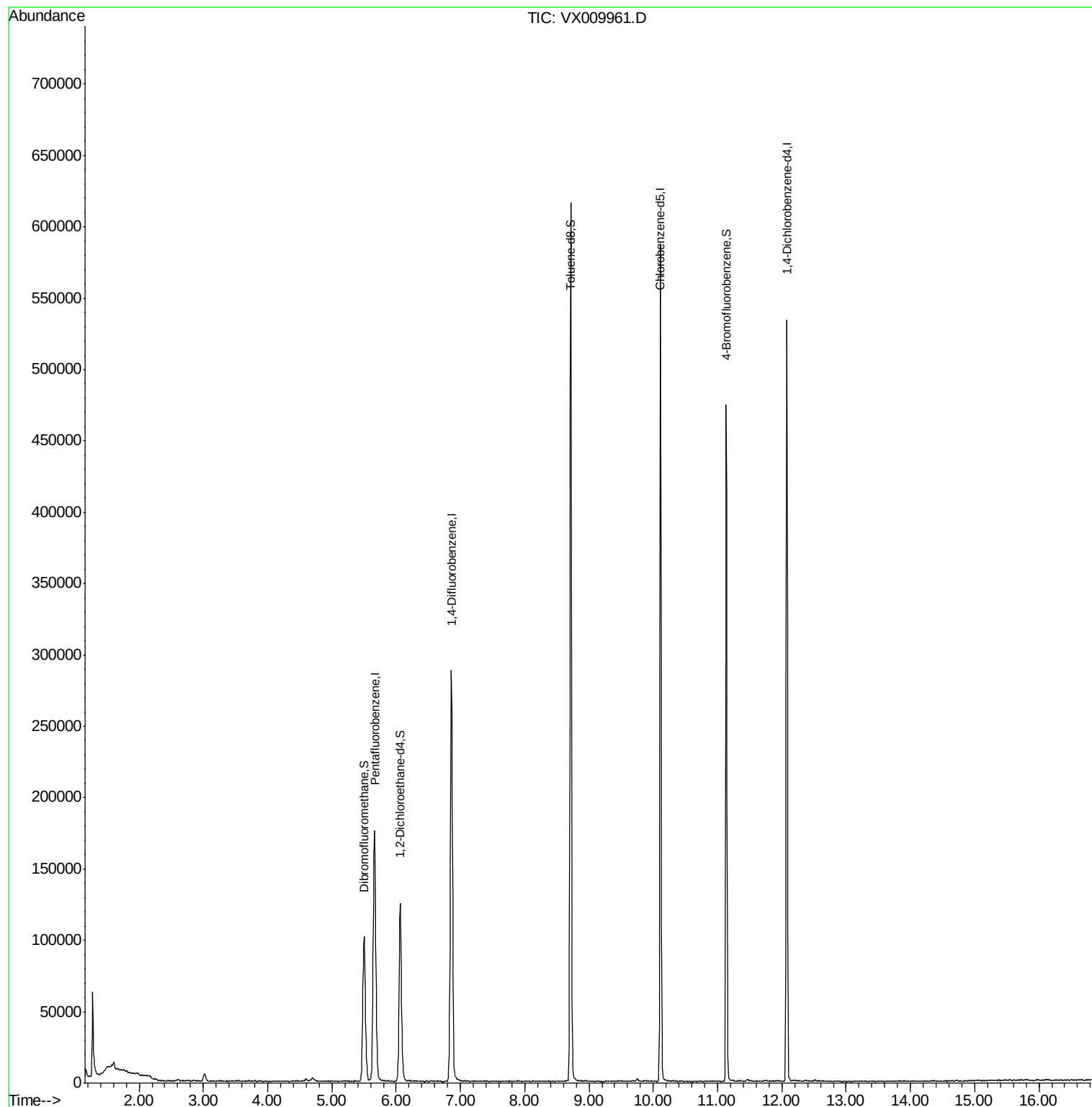
Target Compounds	Qvalue
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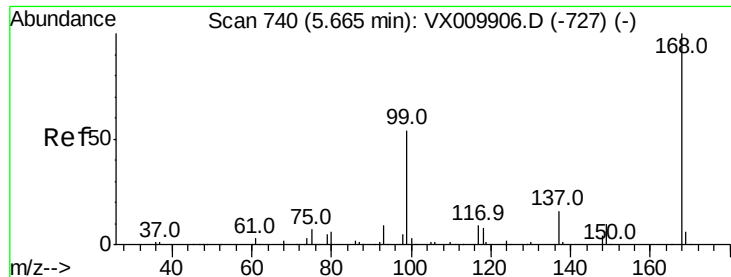
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009961.D

Acq: 30 May 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

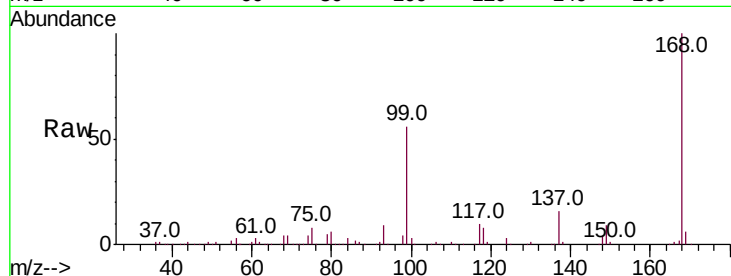
TB-5-30-19

Tot Ion:168 Resp: 170125

Ion Ratio Lower Upper

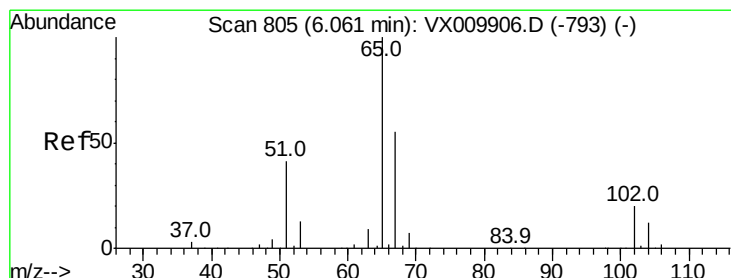
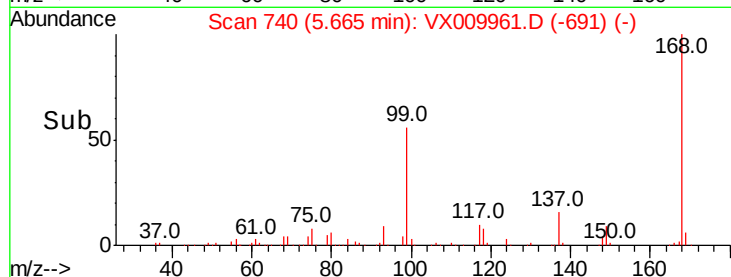
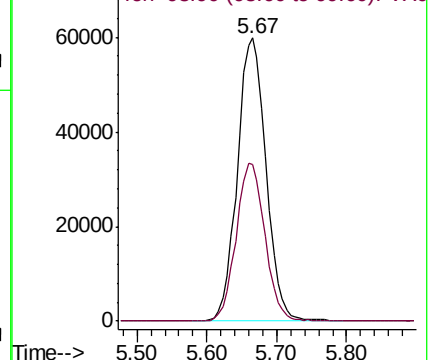
168 100

99 55.5 43.0 64.6



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: 49.157 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009961.D

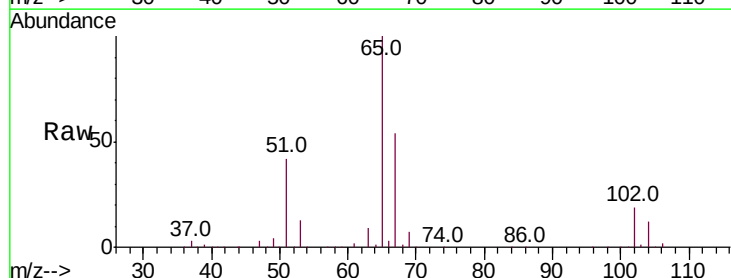
Acq: 30 May 2019 15:28

Tgt Ion: 65 Resp: 118132

Ion Ratio Lower Upper

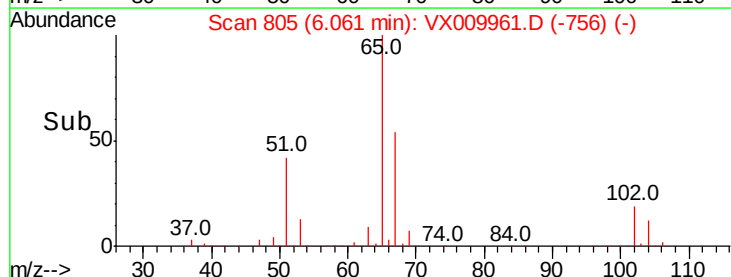
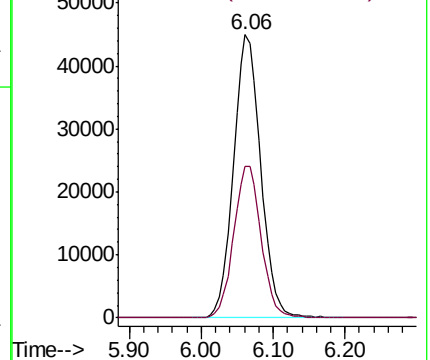
65 100

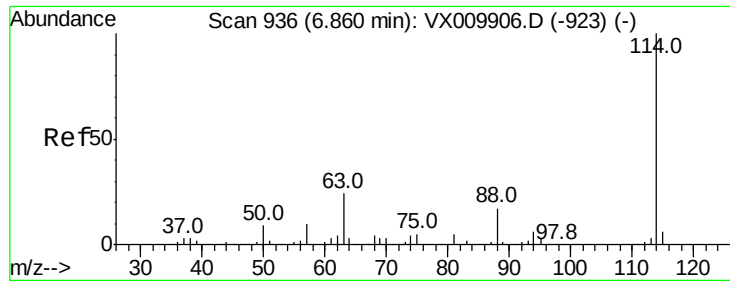
67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

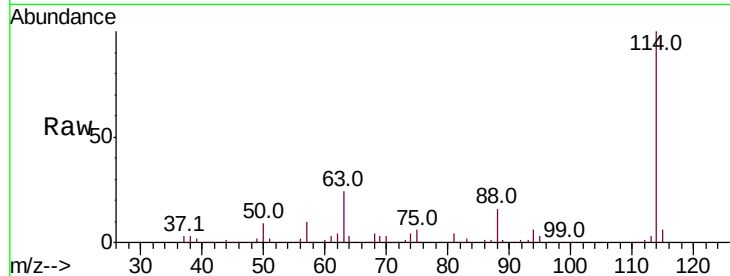




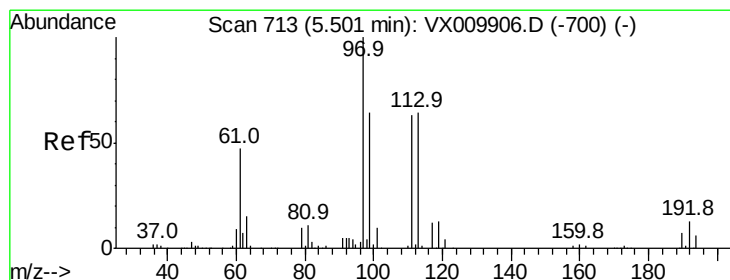
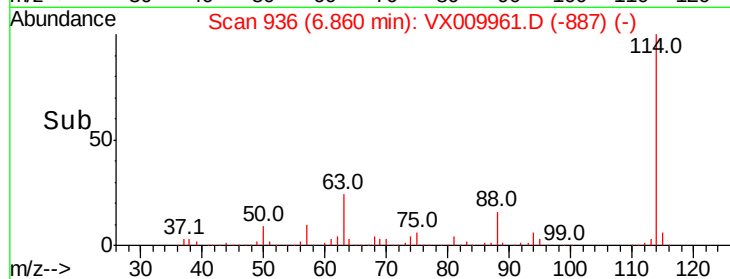
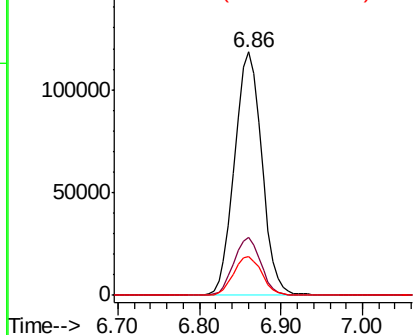
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009961.D
 Acq: 30 May 2019 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-5-30-19

Tot Ion:114 Resp: 274878
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 47.4
 88 16.0 0.0 33.0

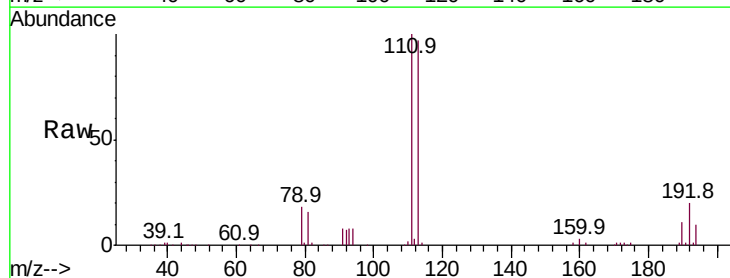


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

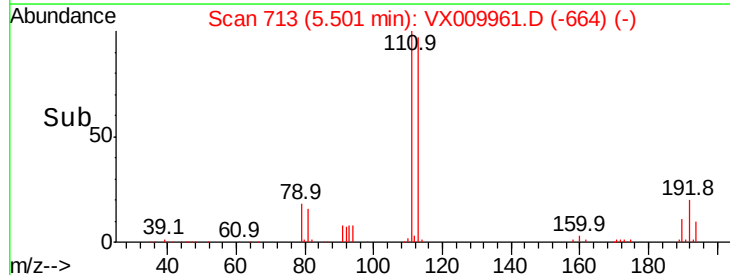
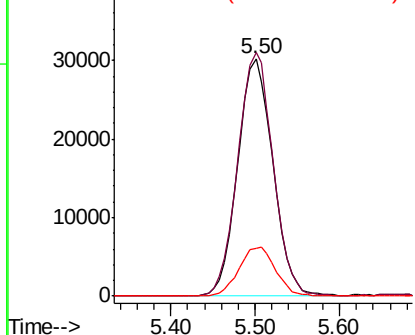


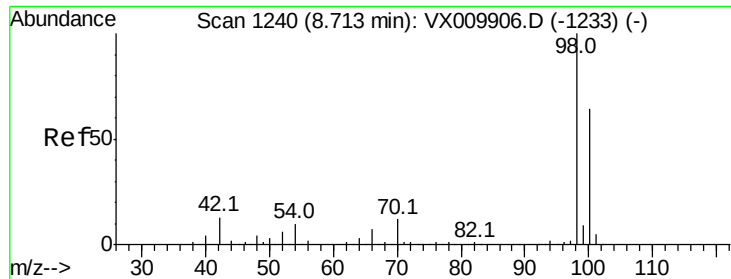
#35
 Dibromofluoromethane
 Concen: 49.620 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009961.D
 Acq: 30 May 2019 15:28

Tgt Ion:113 Resp: 85751
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 21.3 17.1 25.7



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

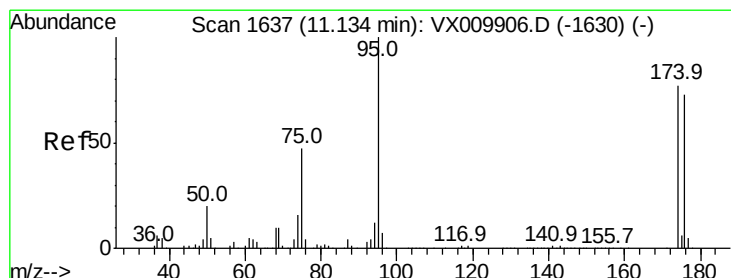
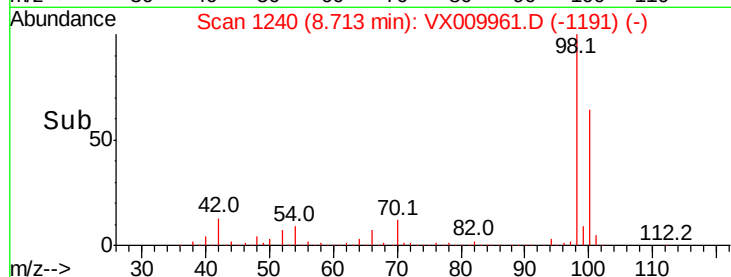
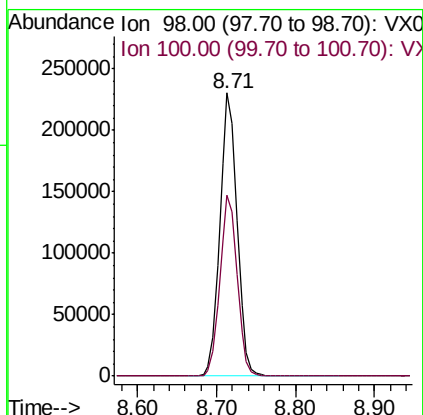
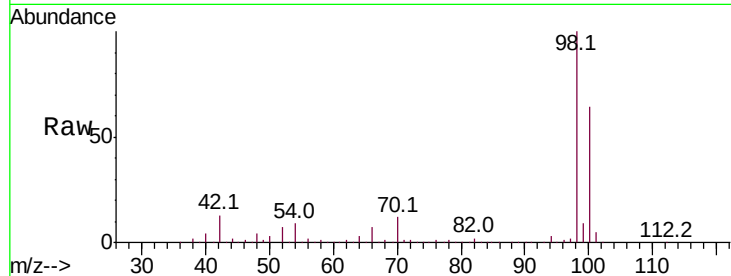




#50
Toluene-d8
Concen: 49.967 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009961.D
Acq: 30 May 2019 15:28

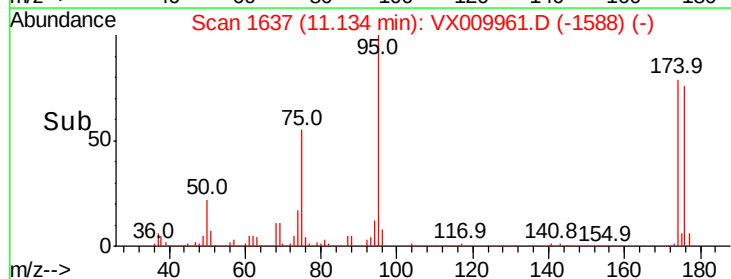
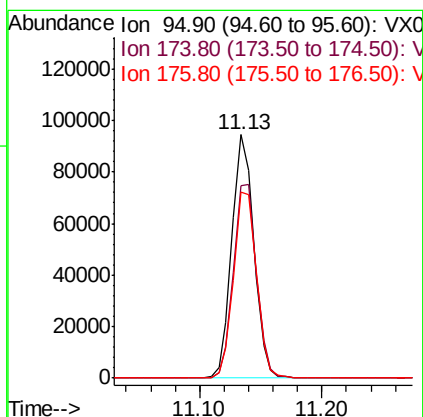
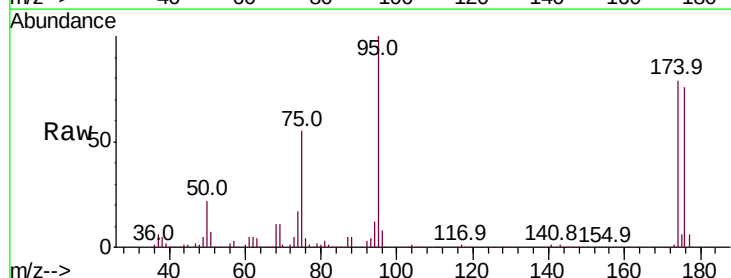
Instrument :
MSVOA_X
ClientSampled :
TB-5-30-19

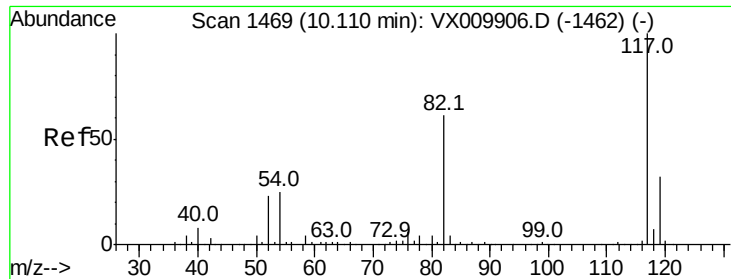
Tot Ion: 98 Resp: 350650
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.596 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009961.D
Acq: 30 May 2019 15:28

Tgt Ion: 95 Resp: 117451
Ion Ratio Lower Upper
95 100
174 82.6 0.0 160.4
176 79.7 0.0 154.6

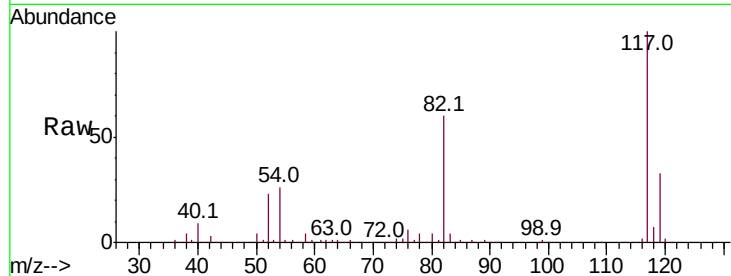




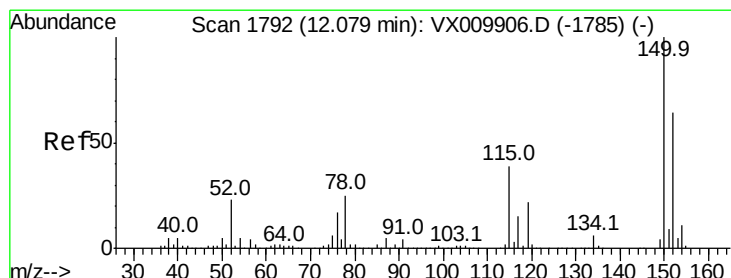
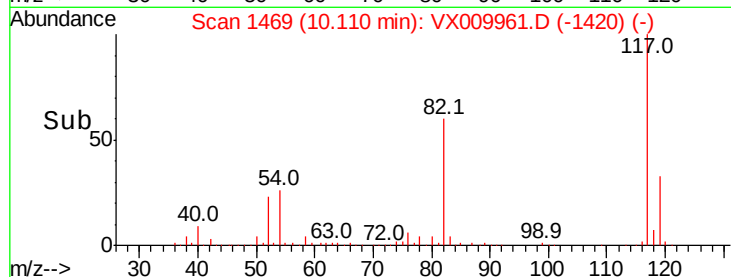
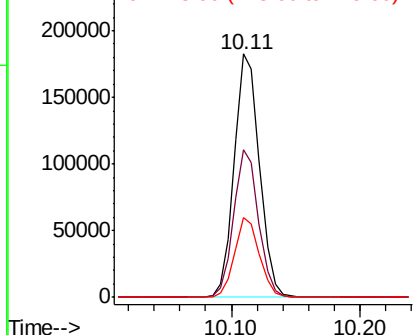
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009961.D
Acq: 30 May 2019 15:28

Instrument :
MSVOA_X
ClientSampled :
TB-5-30-19

Tot Ion:117 Resp: 249873
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 32.6 25.2 37.8

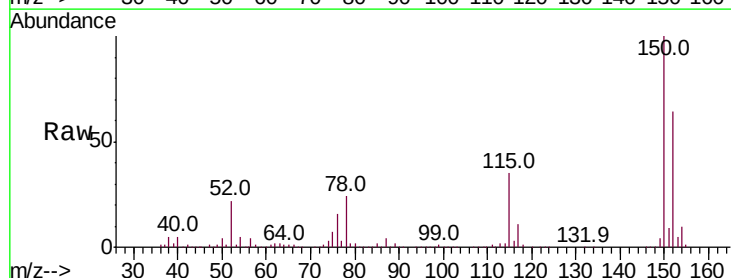


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009961.D
Acq: 30 May 2019 15:28

Tgt Ion:152 Resp: 110537
Ion Ratio Lower Upper
152 100
115 57.1 41.4 124.2
150 155.8 0.0 345.2



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

