

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007880.D
 Acq On : 07 Mar 2019 13:38
 Operator : JC/SP
 Sample : K1781-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190305

Quant Time: Mar 08 05:50:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	453796	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	427994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207827	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	161621	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
35) Dibromofluoromethane	5.51	113	147873	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
50) Toluene-d8	8.71	98	550446	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.13	95	200829	53.73	ug/l	0.00
Spiked Amount			Recovery	=	107.46%	

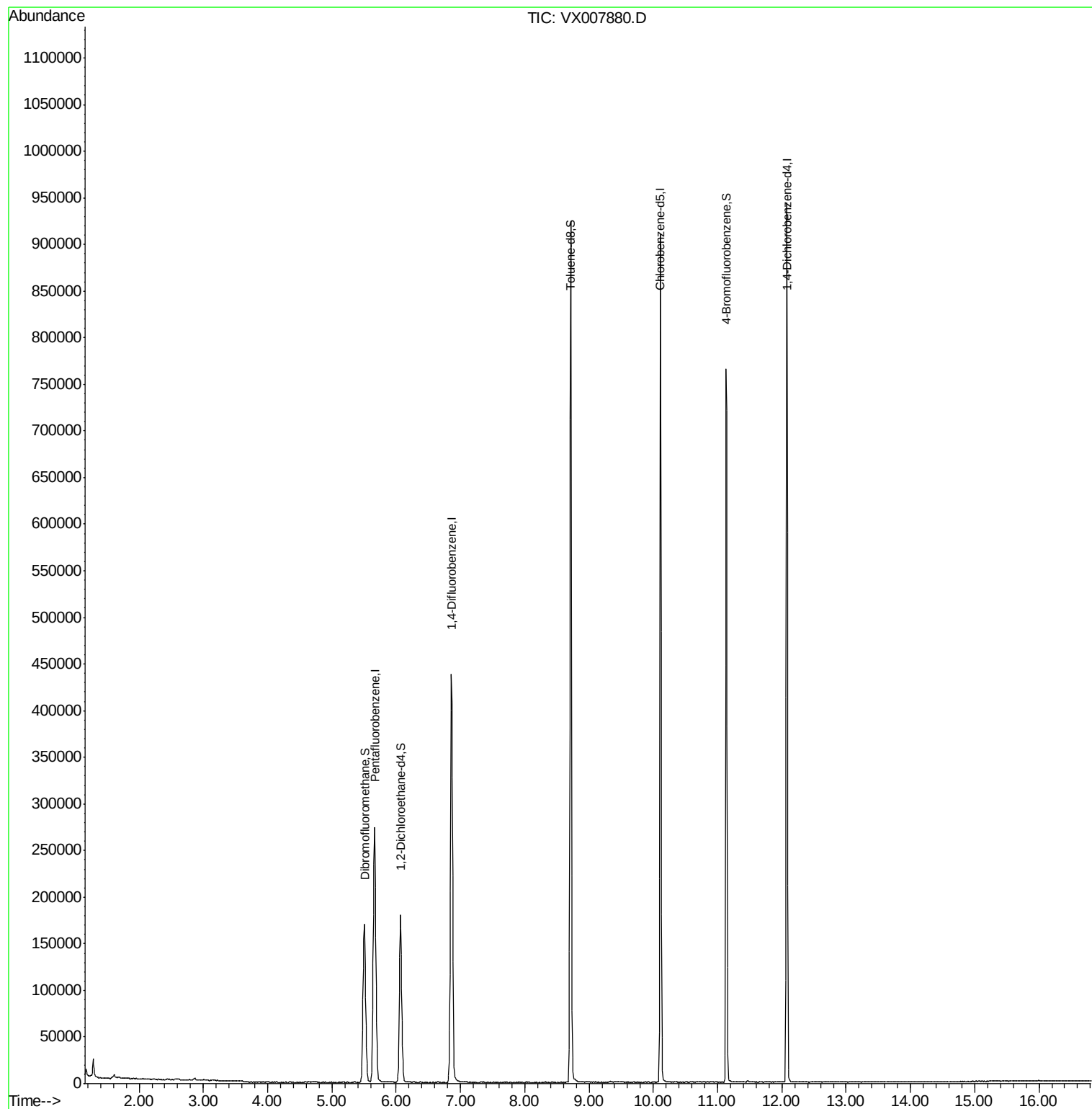
Target Compounds	Qvalue
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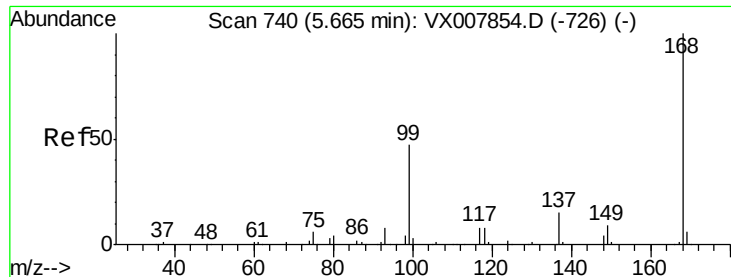
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007880.D

Acq: 07 Mar 2019 13:38

Instrument :

MSVOA_X

ClientSampleId :

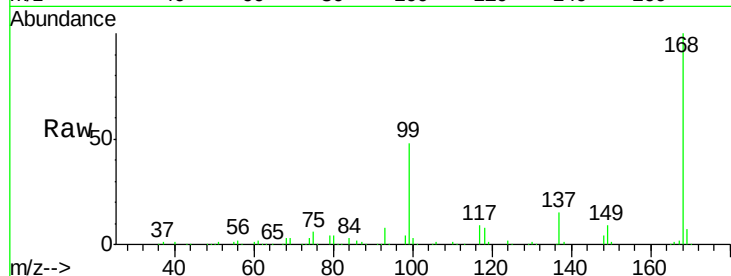
TB-01-190305

Tot Ion:168 Resp: 291580

Ion Ratio Lower Upper

168 100

99 47.7 37.6 56.4

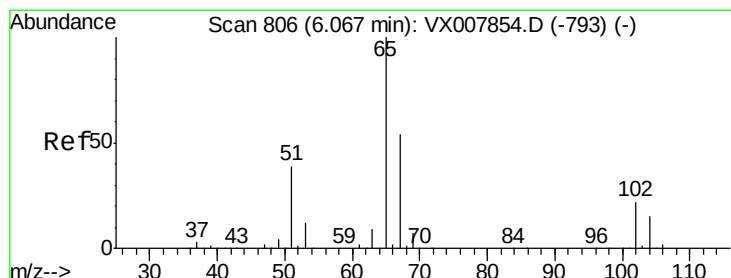
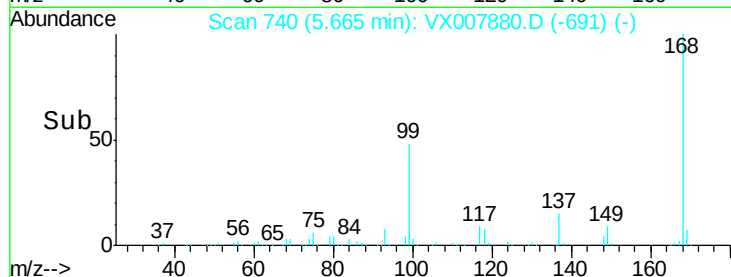


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.544 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007880.D

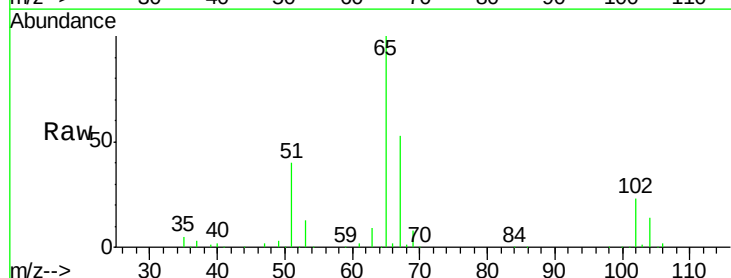
Acq: 07 Mar 2019 13:38

Tgt Ion: 65 Resp: 161621

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.0

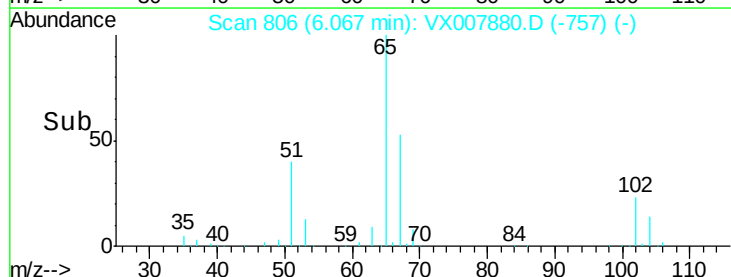


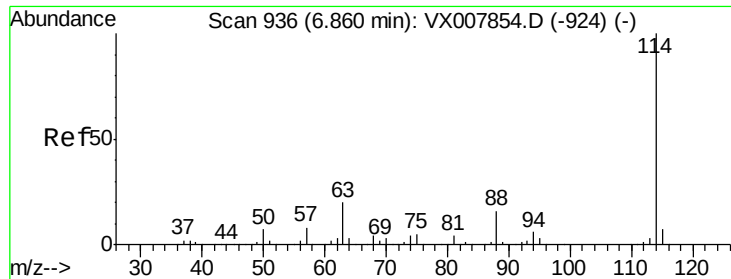
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

Time--> 5.90 6.00 6.10 6.20

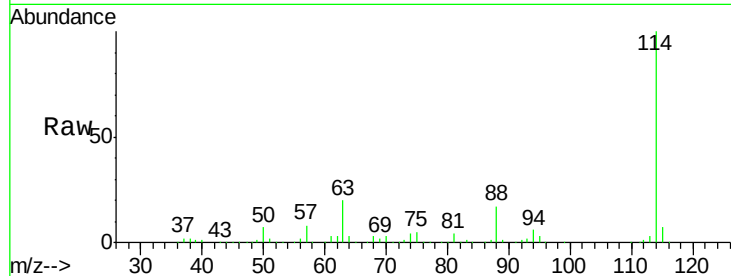




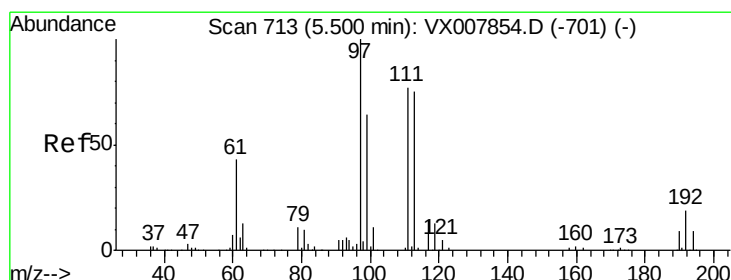
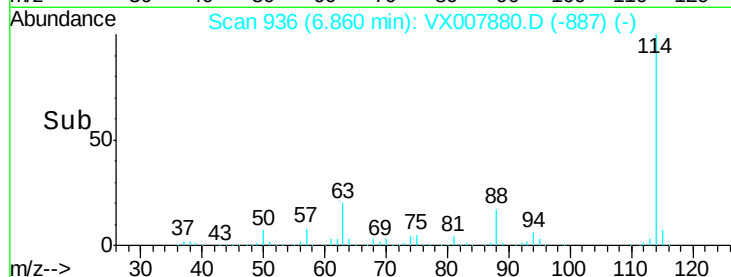
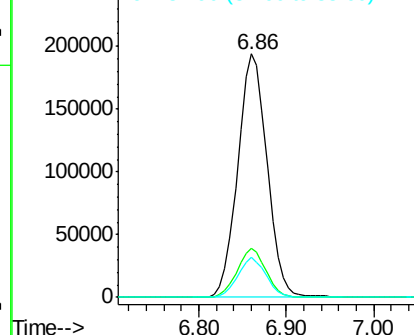
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007880.D
Acq: 07 Mar 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
TB-01-190305

Tot Ion:114 Resp: 453796
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.8
88 16.5 0.0 31.4

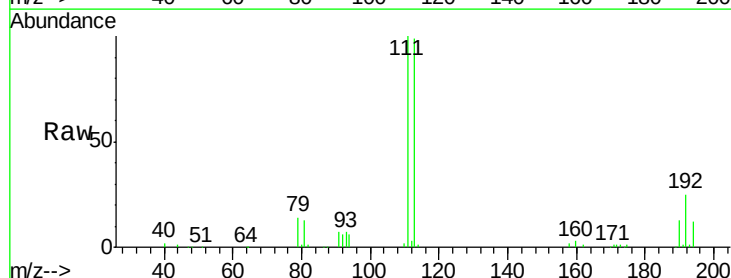


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

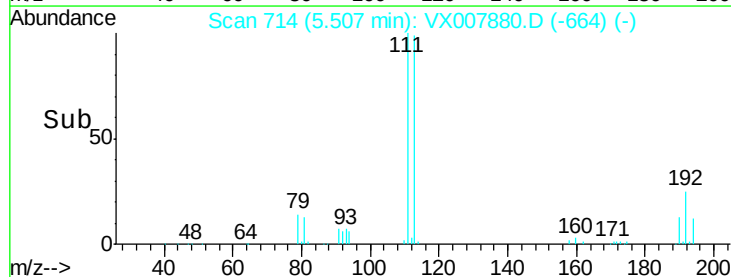
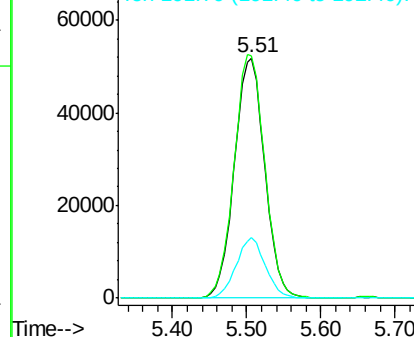


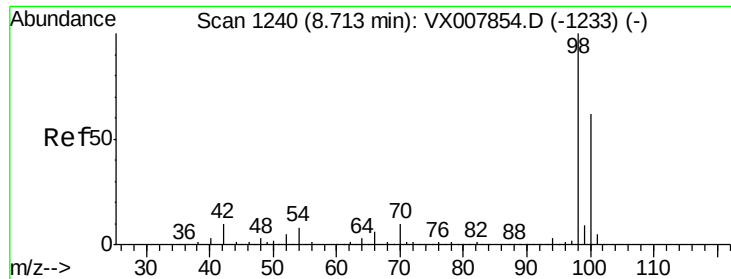
#35
Dibromofluoromethane
Concen: 50.942 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007880.D
Acq: 07 Mar 2019 13:38

Tgt Ion:113 Resp: 147873
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 24.3 19.4 29.0



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

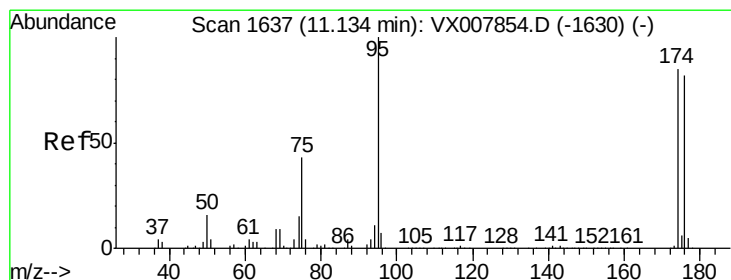
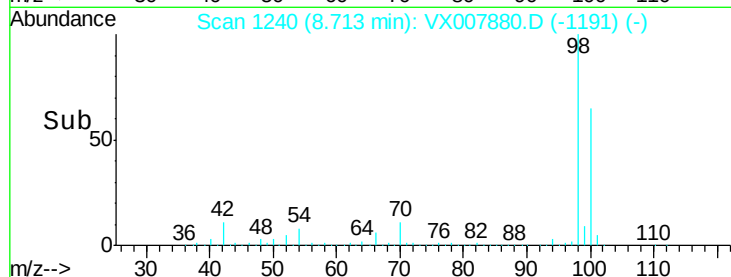
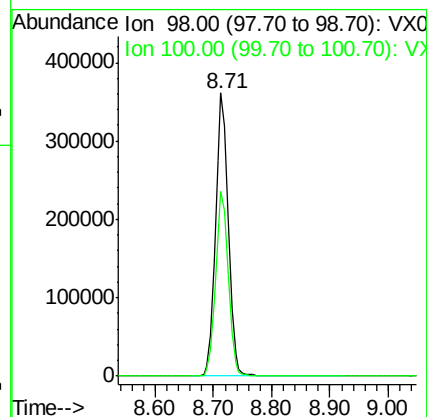
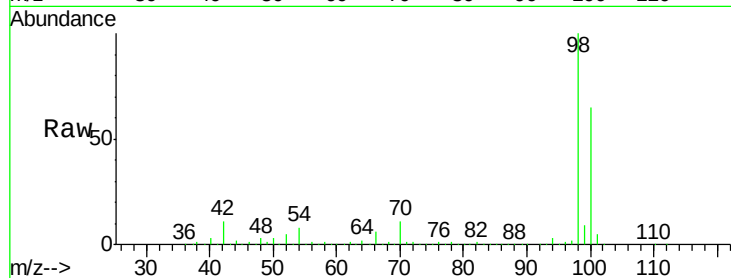




#50
Toluene-d8
Concen: 51.634 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007880.D
Acq: 07 Mar 2019 13:38

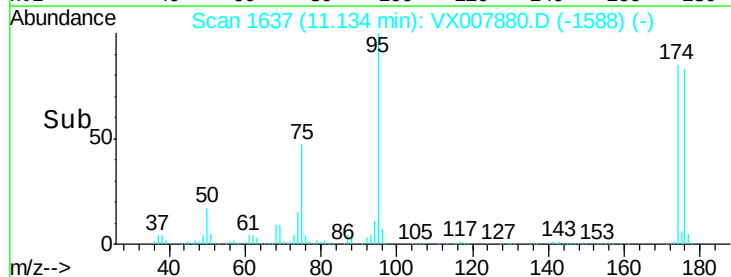
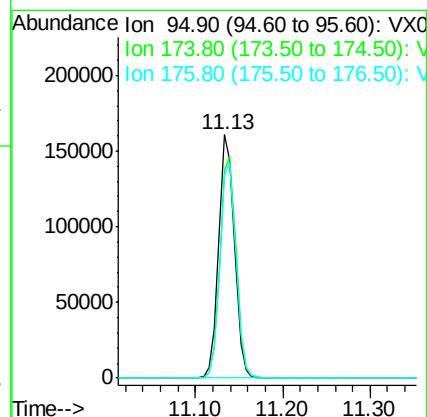
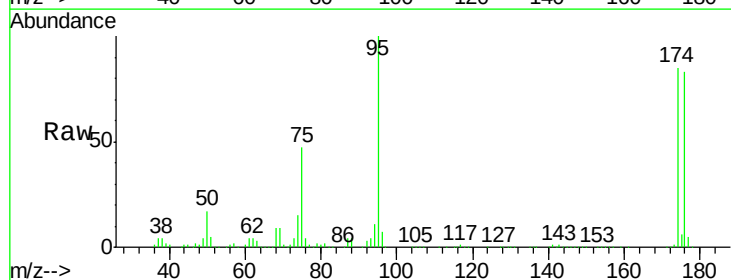
Instrument :
MSVOA_X
ClientSampleId :
TB-01-190305

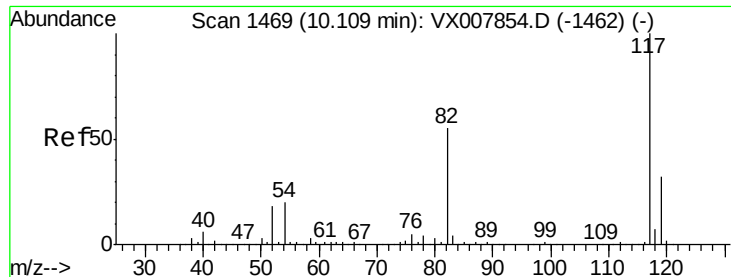
Tot Ion: 98 Resp: 550446
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.732 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007880.D
Acq: 07 Mar 2019 13:38

Tgt Ion: 95 Resp: 200829
Ion Ratio Lower Upper
95 100
174 92.4 0.0 182.8
176 89.7 0.0 178.0

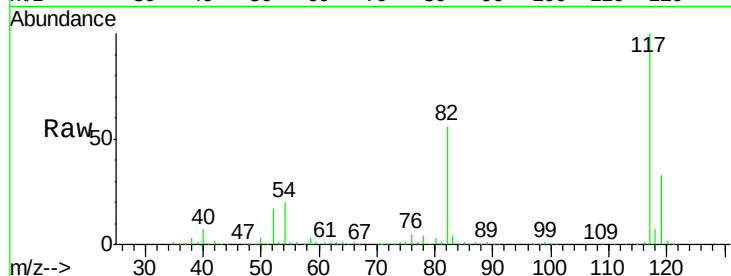




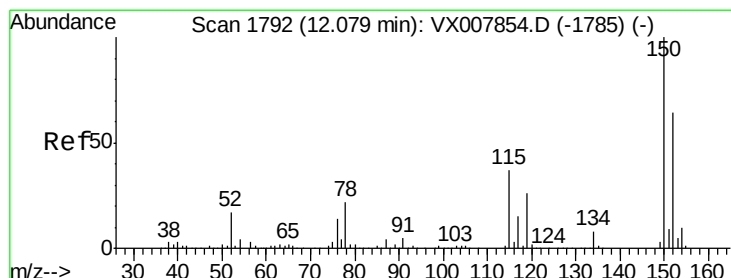
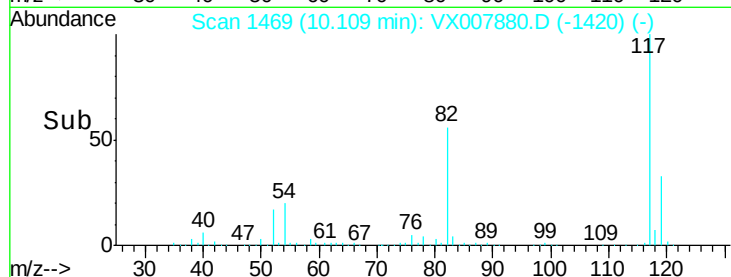
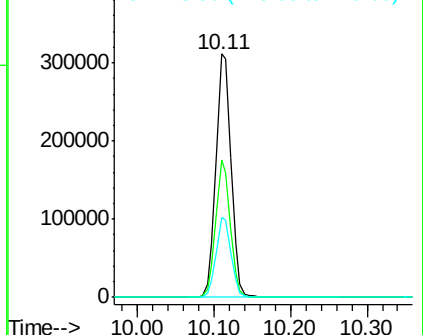
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007880.D
Acq: 07 Mar 2019 13:38

Instrument :
MSVOA_X
ClientSampleId :
TB-01-190305

Tot Ion:117 Resp: 427994
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 32.5 25.3 37.9

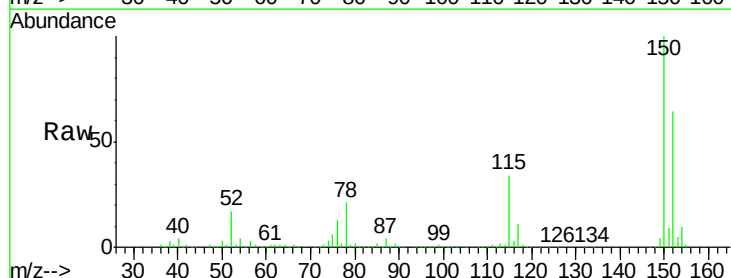


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007880.D
Acq: 07 Mar 2019 13:38

Tgt Ion:152 Resp: 207827
Ion Ratio Lower Upper
152 100
115 54.3 38.6 115.7
150 155.9 0.0 348.4



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

