

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007973.D
 Acq On : 11 Mar 2019 16:44
 Operator : JC/SP
 Sample : K1841-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20190307

Quant Time: Mar 12 08:57:47 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	260243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	406025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	382742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187170	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	140939	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
35) Dibromofluoromethane	5.50	113	132026	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	8.71	98	489271	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.13	95	178581	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	

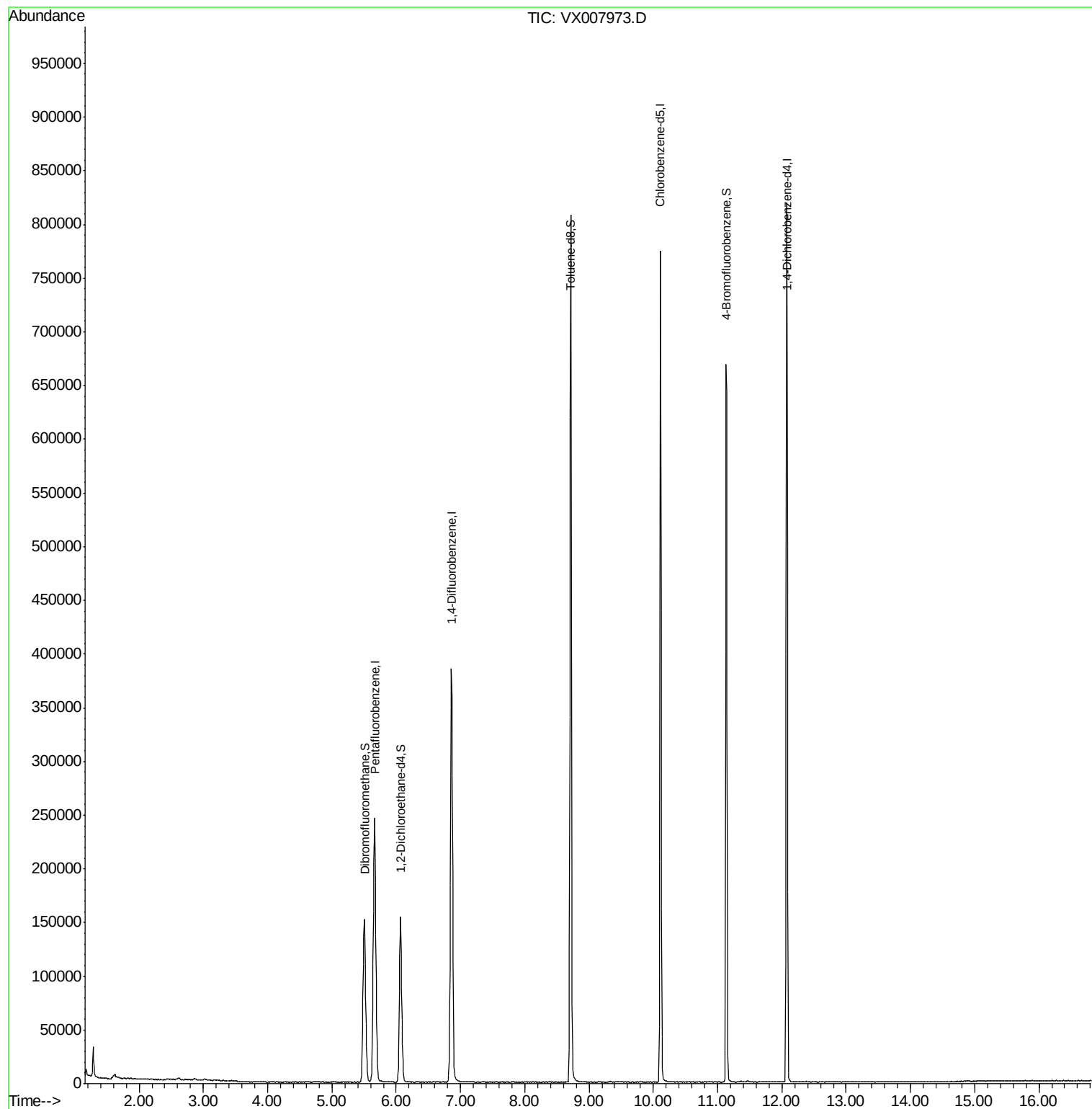
Target Compounds	Qvalue
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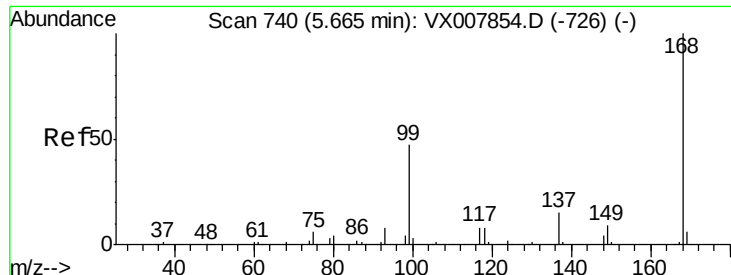
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007973.D

Acq: 11 Mar 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

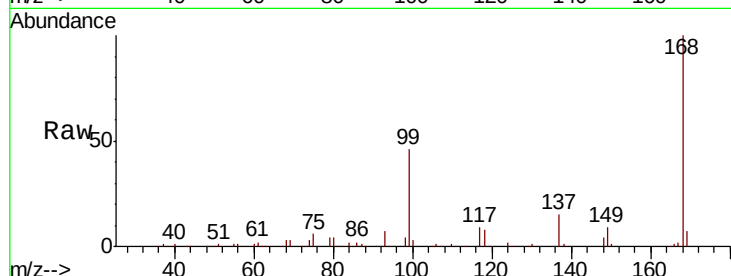
TB-20190307

Tgt Ion:168 Resp: 260243

Ion Ratio Lower Upper

168 100

99 46.2 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

100000

80000

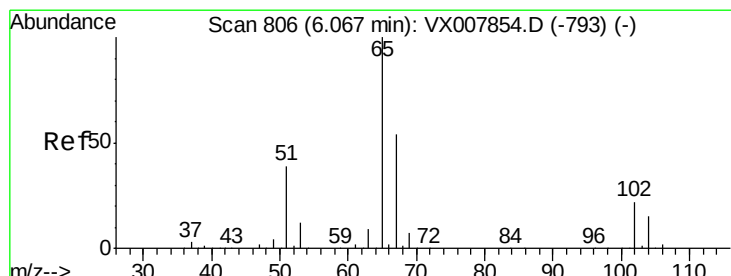
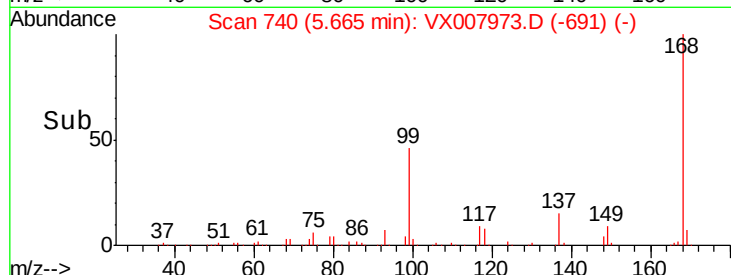
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.338 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007973.D

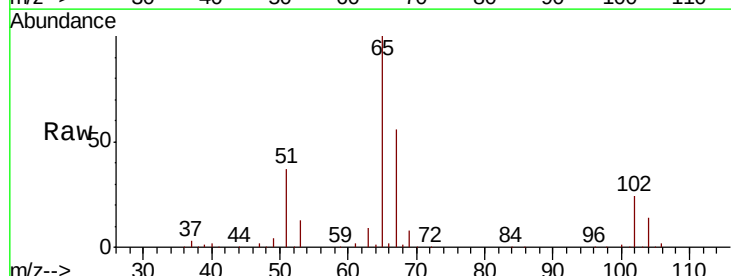
Acq: 11 Mar 2019 16:44

Tgt Ion: 65 Resp: 140939

Ion Ratio Lower Upper

65 100

67 54.8 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

60000

50000

40000

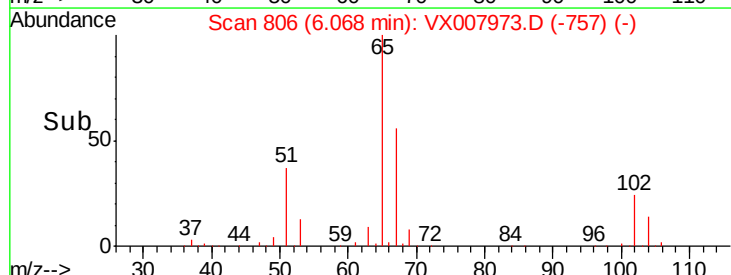
30000

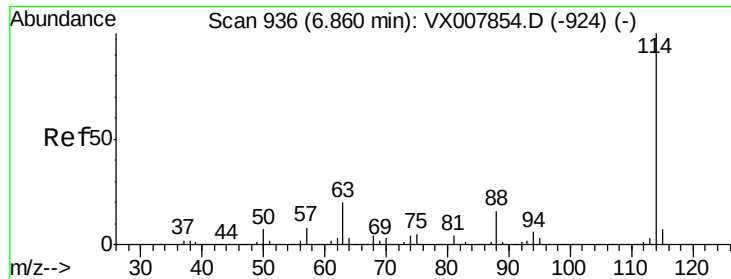
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

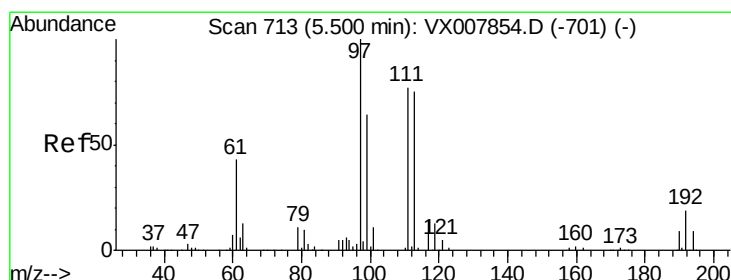
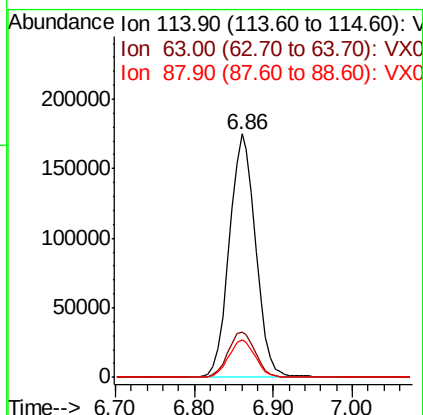
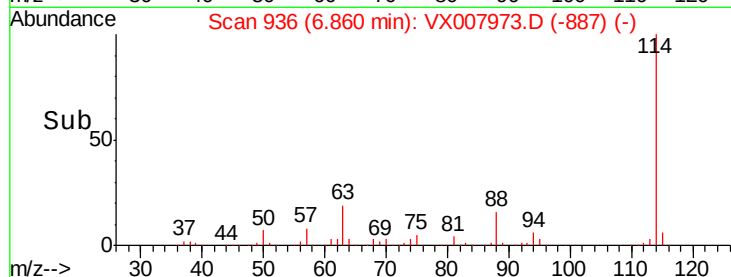
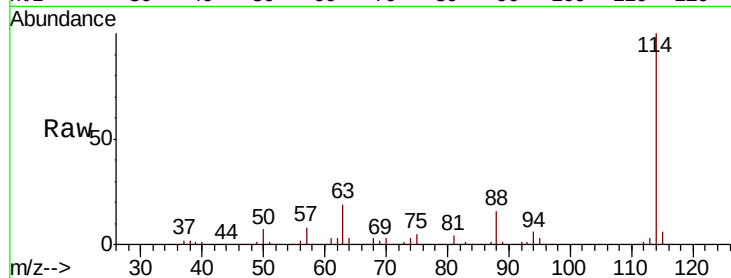




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007973.D
Acq: 11 Mar 2019 16:44

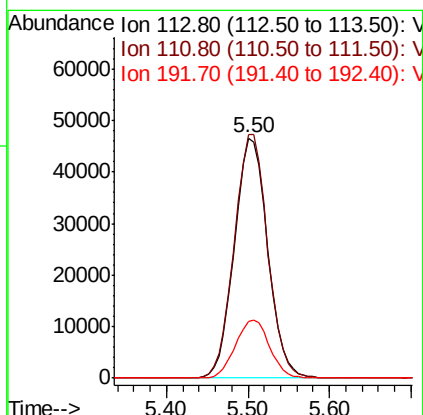
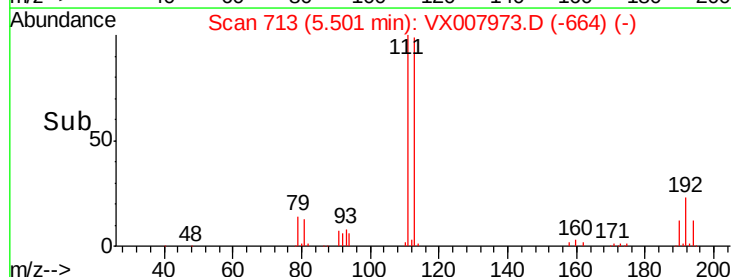
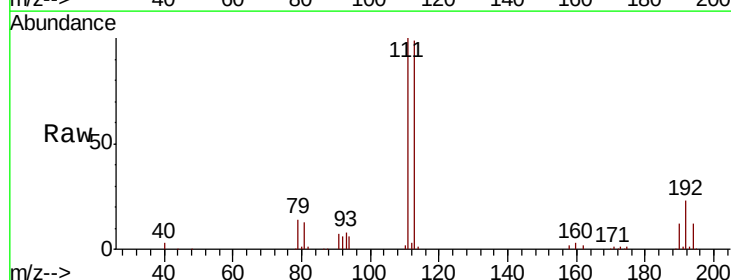
Instrument :
MSVOA_X
ClientSampleId :
TB-20190307

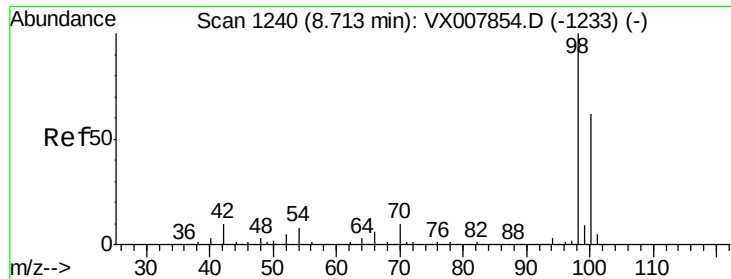
Tgt Ion:114 Resp: 406025
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.8
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.834 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007973.D
Acq: 11 Mar 2019 16:44

Tgt Ion:113 Resp: 132026
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 24.9 19.4 29.0

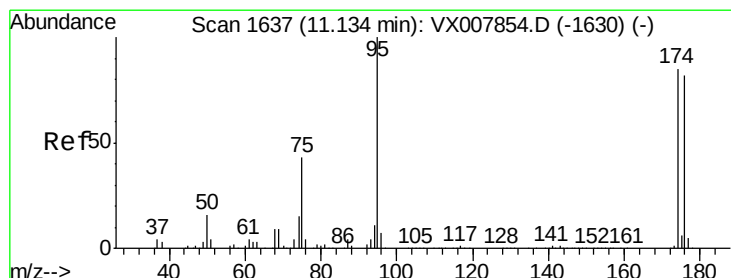
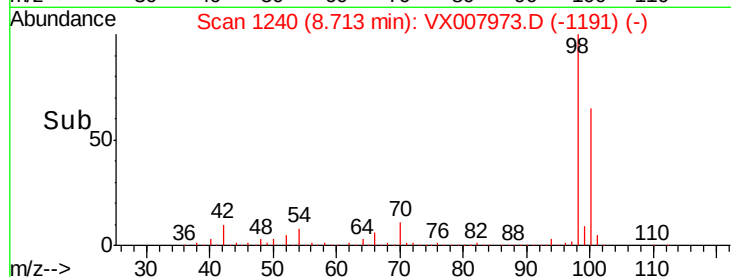
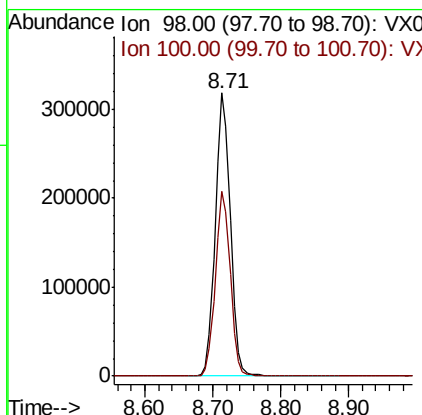
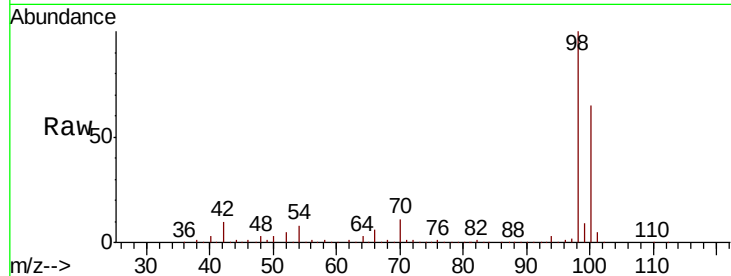




#50
Toluene-d8
Concen: 51.295 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007973.D
Acq: 11 Mar 2019 16:44

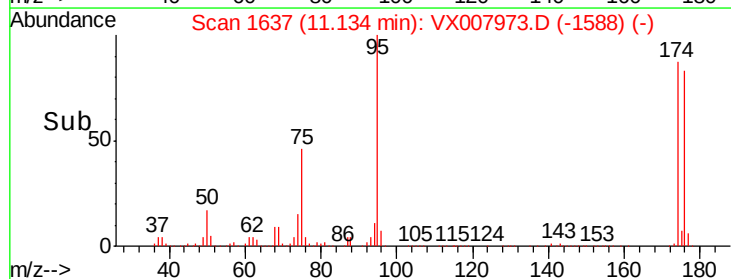
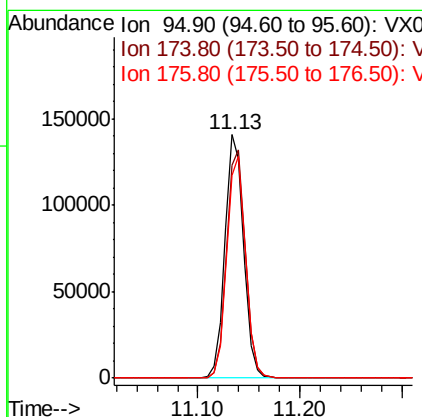
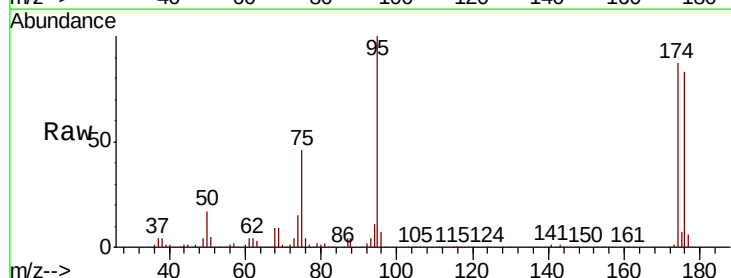
Instrument :
MSVOA_X
ClientSampleId :
TB-20190307

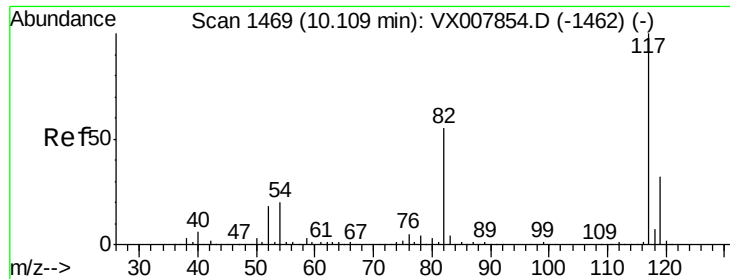
Tgt Ion: 98 Resp: 489271
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.401 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007973.D
Acq: 11 Mar 2019 16:44

Tgt Ion: 95 Resp: 178581
Ion Ratio Lower Upper
95 100
174 94.4 0.0 182.8
176 91.1 0.0 178.0

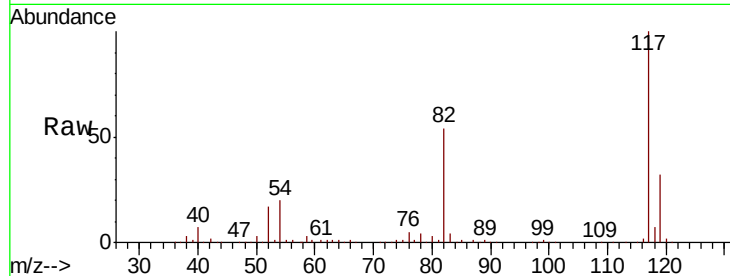




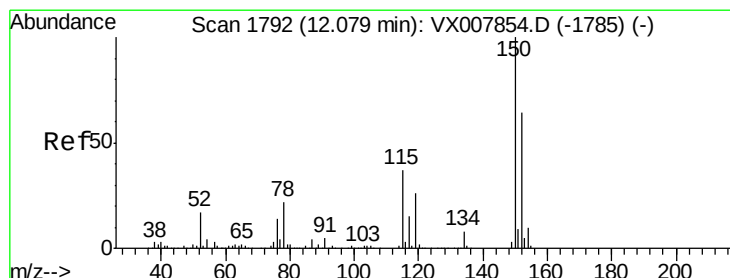
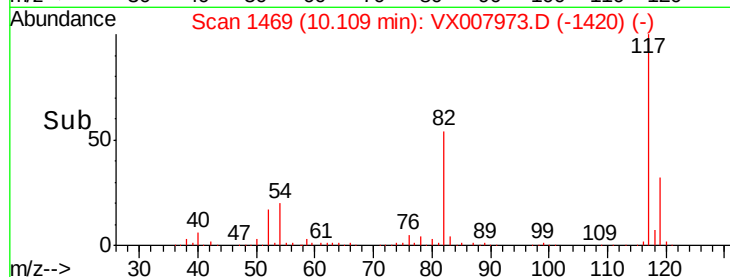
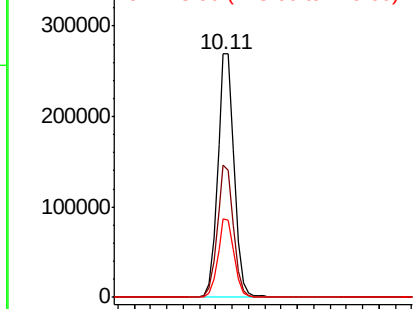
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007973.D
Acq: 11 Mar 2019 16:44

Instrument :
MSVOA_X
ClientSampleId :
TB-20190307

Tgt Ion:117 Resp: 382742
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.4 25.3 37.9

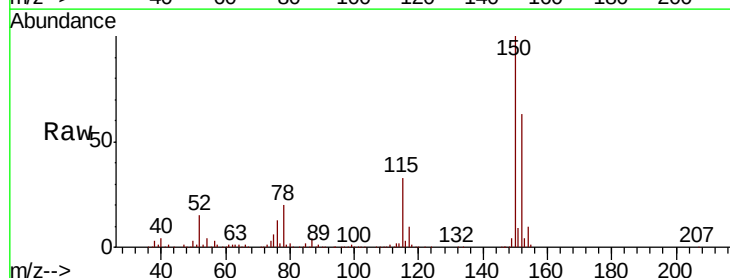


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007973.D
Acq: 11 Mar 2019 16:44

Tgt Ion:152 Resp: 187170
Ion Ratio Lower Upper
152 100
115 54.1 38.6 115.7
150 156.4 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

