

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049777.D
 Acq On : 12 Jul 2018 18:53
 Operator : MD\SY
 Sample : VN0712WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBL01

Quant Time: Jul 13 04:02:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1144882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1804530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1528237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	573108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	708936	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
35) Dibromofluoromethane	7.59	113	665463	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	10.09	98	2023147	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	
62) 4-Bromofluorobenzene	12.40	95	606401	36.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.94%	

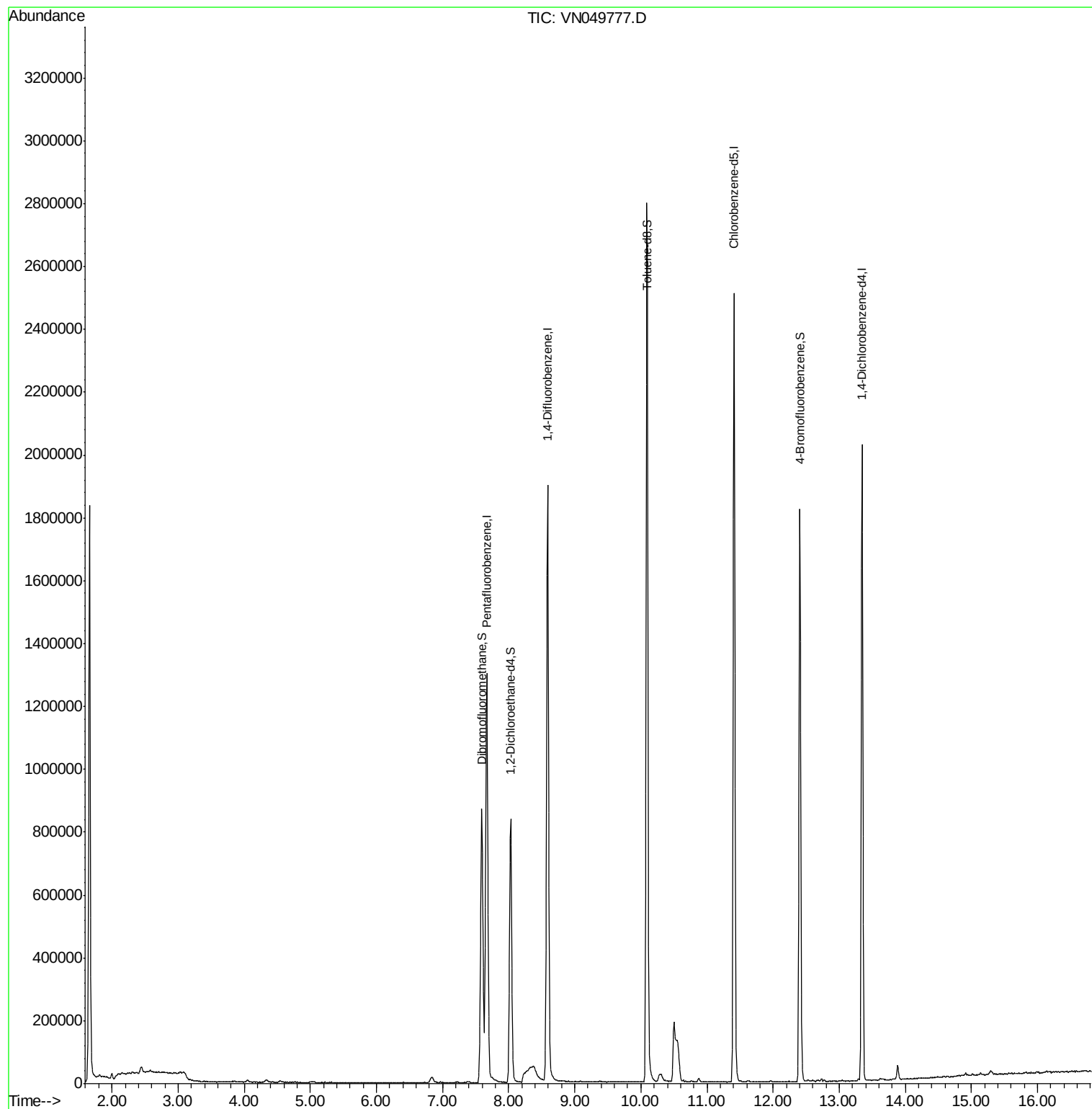
Target Compounds	Qvalue

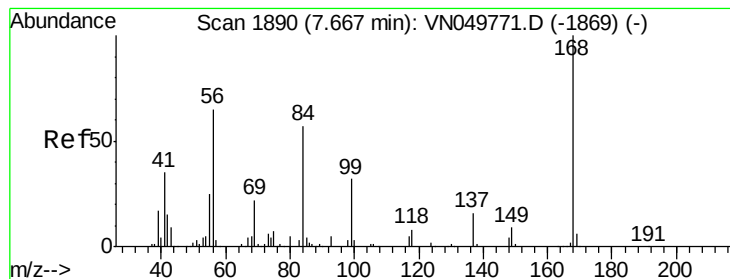
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049777.D

Acq: 12 Jul 2018 18:53

Instrument :

MSVOA_N

ClientSampled :

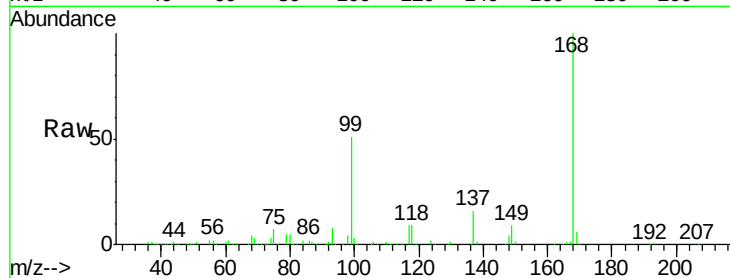
VN0712WBL01

Tot Ion:168 Resp: 1144882

Ion Ratio Lower Upper

168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

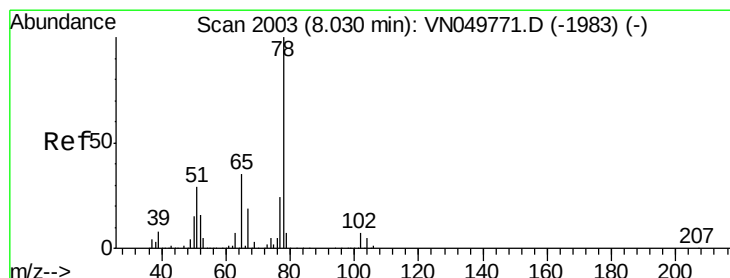
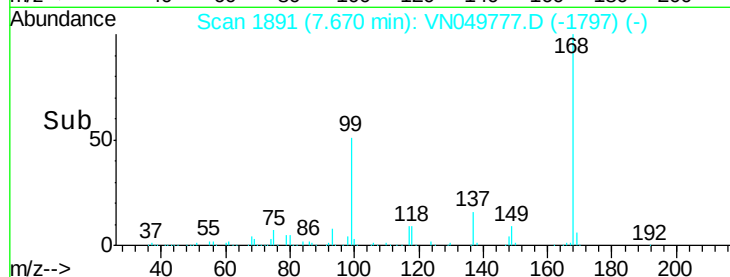
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 53.23 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049777.D

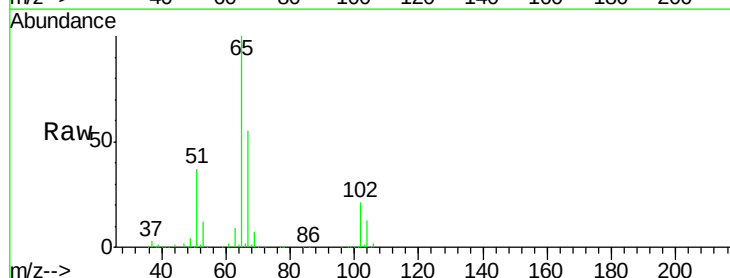
Acq: 12 Jul 2018 18:53

Tgt Ion: 65 Resp: 708936

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

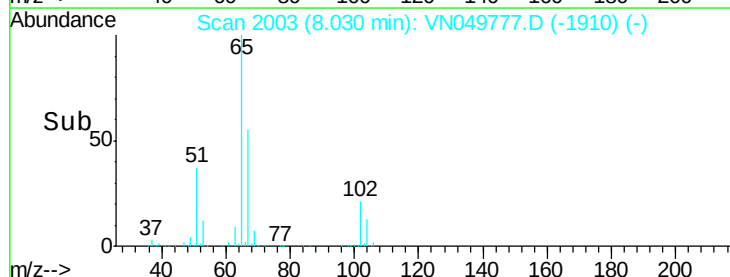
300000

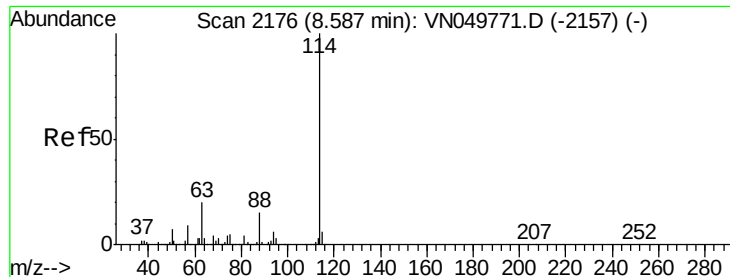
200000

100000

0

Time--> 7.90 8.00 8.10

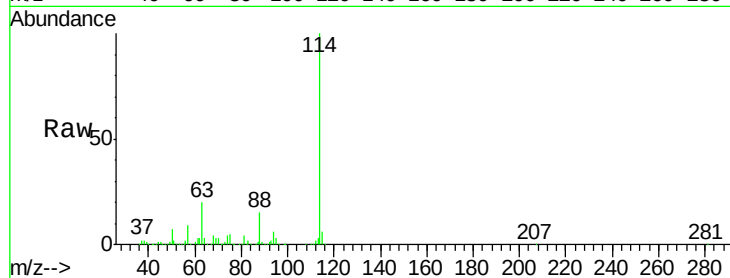




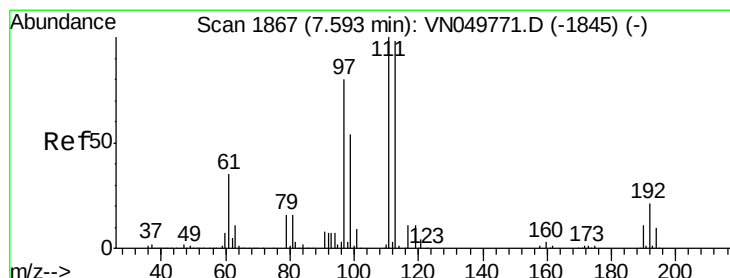
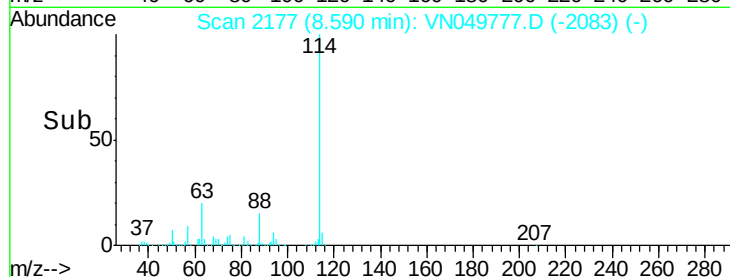
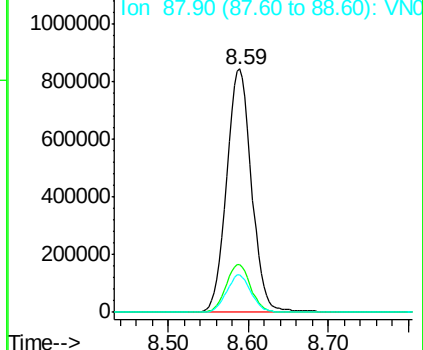
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049777.D
 Acq: 12 Jul 2018 18:53

Instrument :
 MSVOA_N
 ClientSampled :
 VN0712WBL01

Tot Ion:114 Resp: 1804530
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.3 0.0 30.6

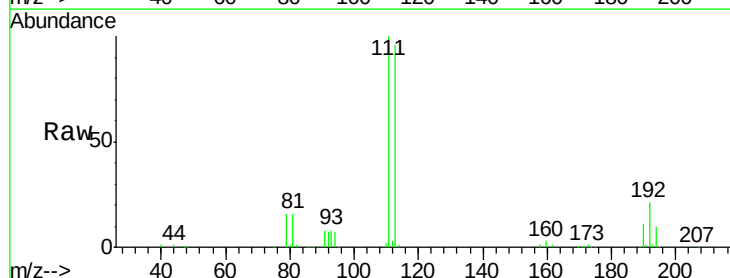


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

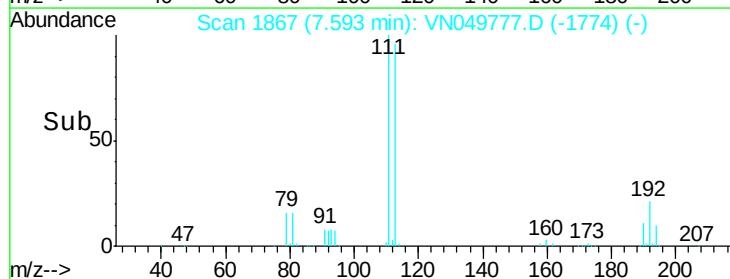
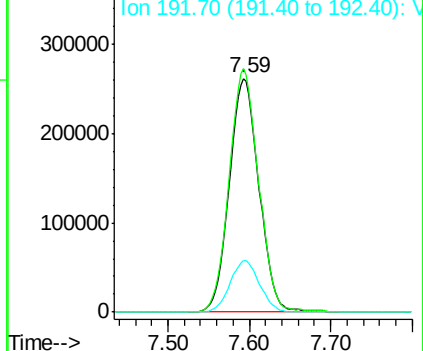


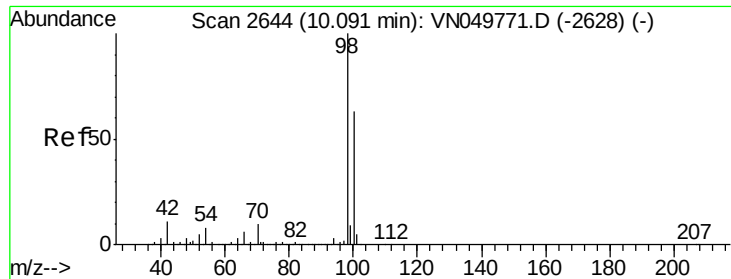
#35
 Dibromofluoromethane
 Concen: 48.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049777.D
 Acq: 12 Jul 2018 18:53

Tgt Ion:113 Resp: 665463
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.8
 192 21.9 17.8 26.6



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

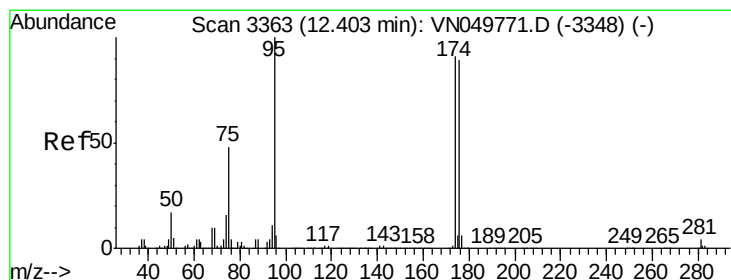
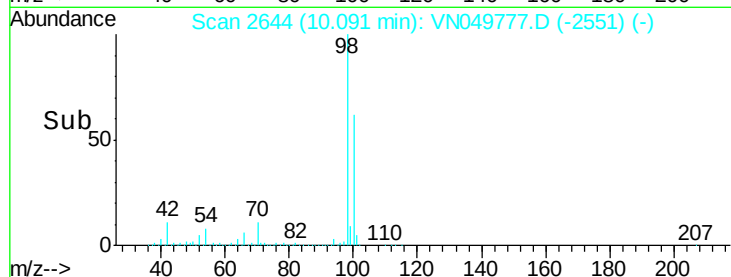
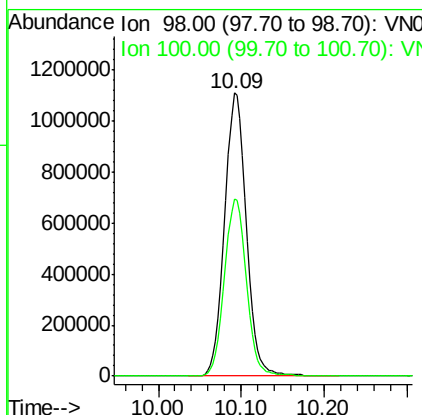
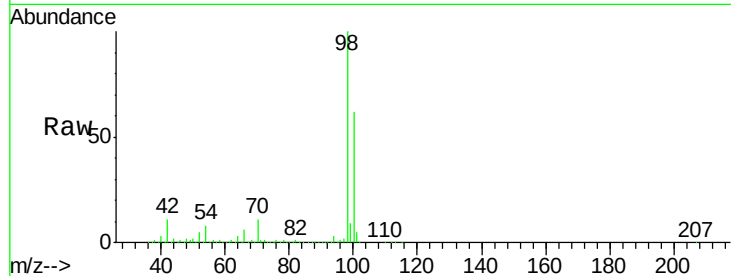




#50
Toluene-d8
Concen: 43.45 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049777.D
Acq: 12 Jul 2018 18:53

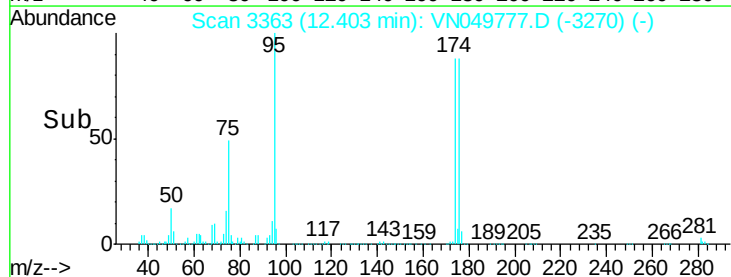
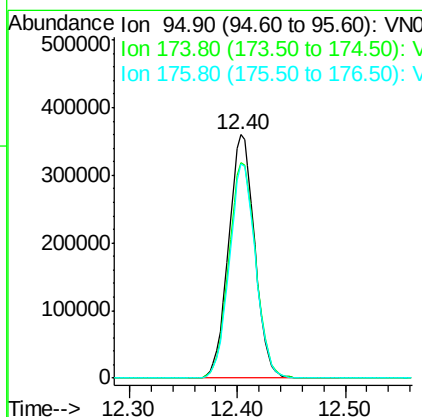
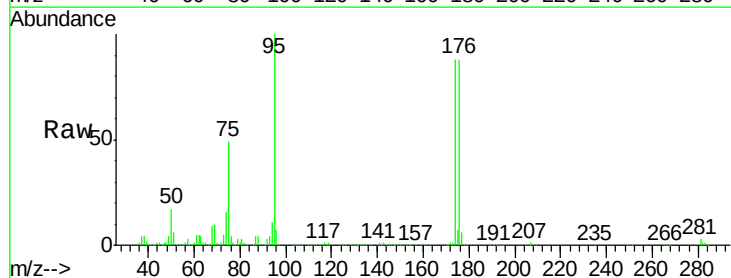
Instrument :
MSVOA_N
ClientSampleId :
VN0712WBL01

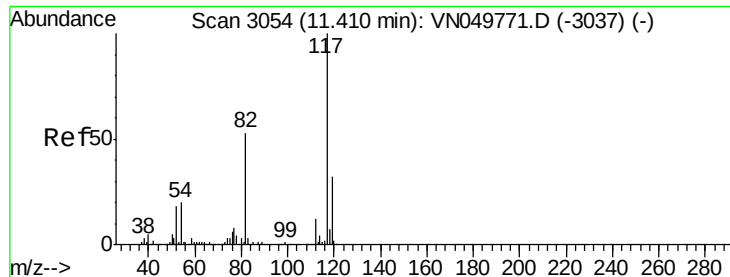
Tot Ion: 98 Resp: 2023147
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 36.47 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049777.D
Acq: 12 Jul 2018 18:53

Tgt Ion: 95 Resp: 606401
Ion Ratio Lower Upper
95 100
174 91.1 0.0 179.6
176 88.1 0.0 174.0

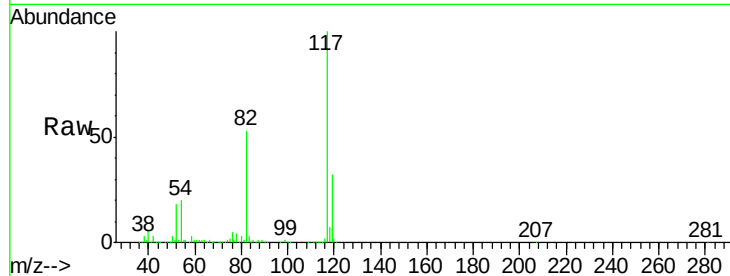




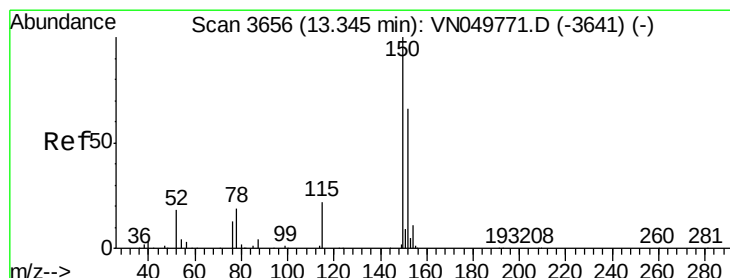
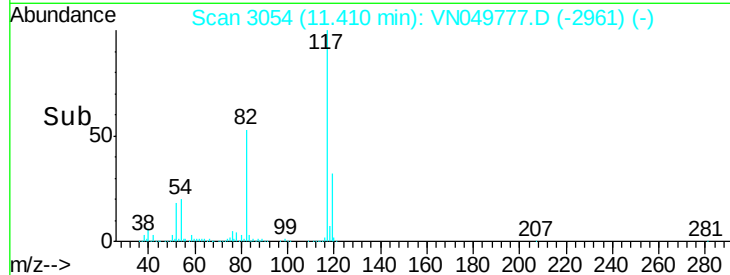
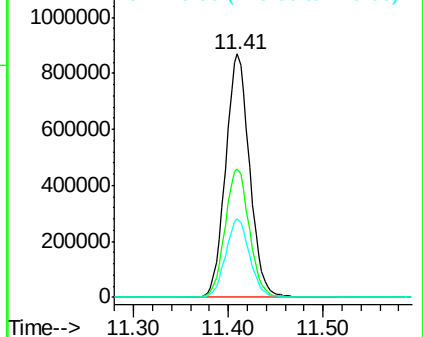
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049777.D
Acq: 12 Jul 2018 18:53

Instrument :
MSVOA_N
ClientSampleId :
VN0712WBL01

Tot Ion:117 Resp: 1528237
Ion Ratio Lower Upper
117 100
82 53.0 41.9 62.9
119 32.2 25.4 38.2

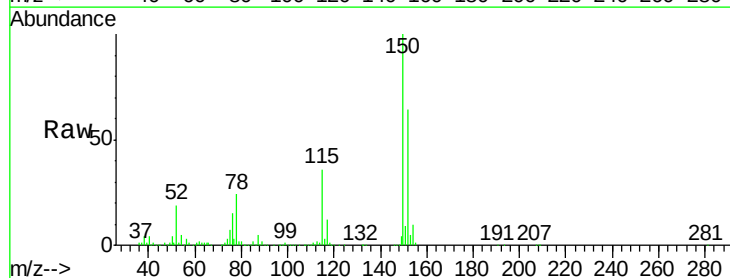


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049777.D
Acq: 12 Jul 2018 18:53

Tgt Ion:152 Resp: 573108
Ion Ratio Lower Upper
152 100
115 55.3 28.1 84.2
150 155.4 0.0 347.6



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

