

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080118\
 Data File : VN050234.D
 Acq On : 1 Aug 2018 8:51
 Operator : MD\SY
 Sample : VN0801WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBL01

Quant Time: Aug 02 01:05:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	693380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1140956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	928191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319753	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	485562	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	7.59	113	440093	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	10.09	98	1557719	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
62) 4-Bromofluorobenzene	12.40	95	400726	35.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.06%	

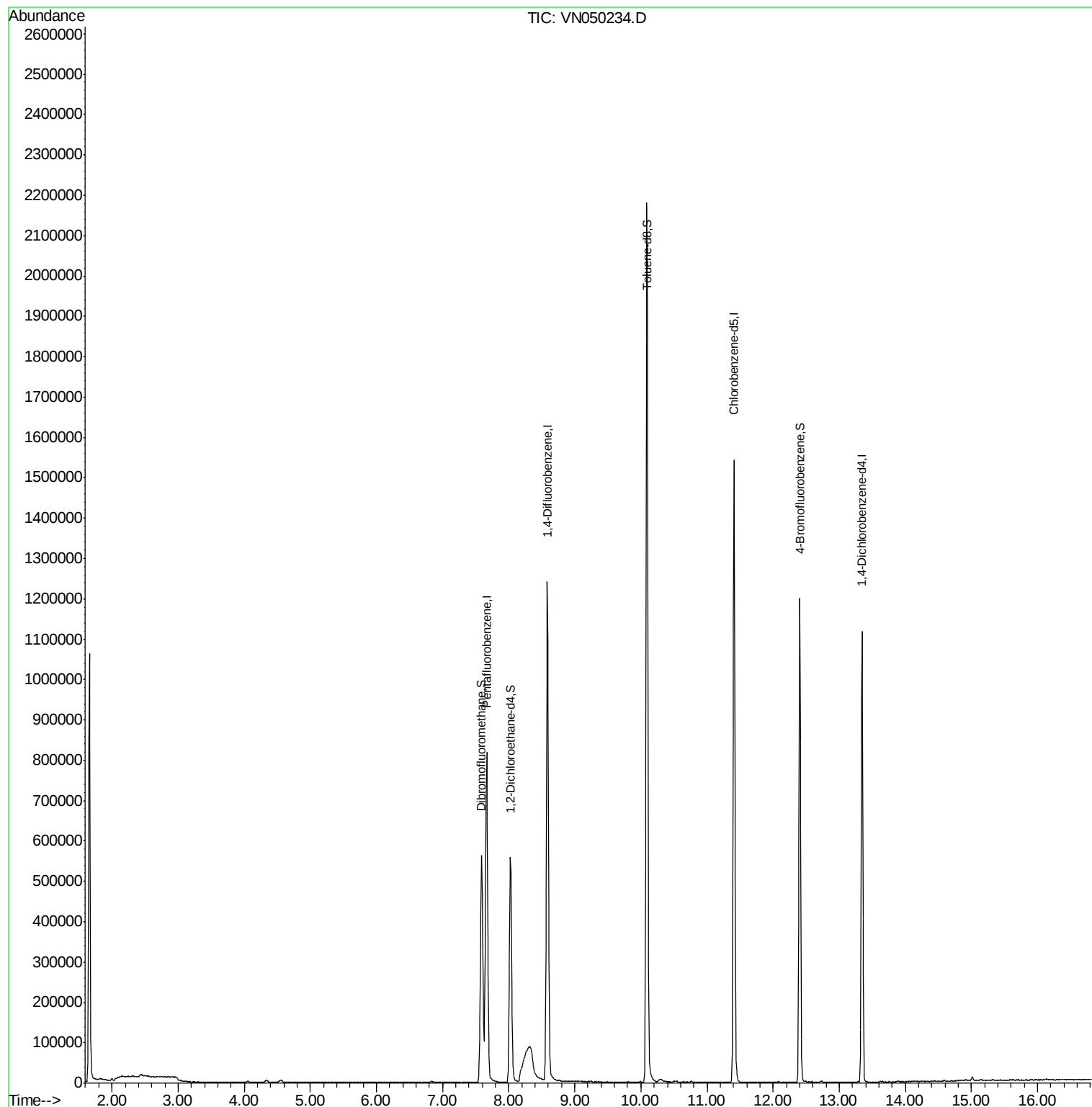
Target Compounds	Qvalue

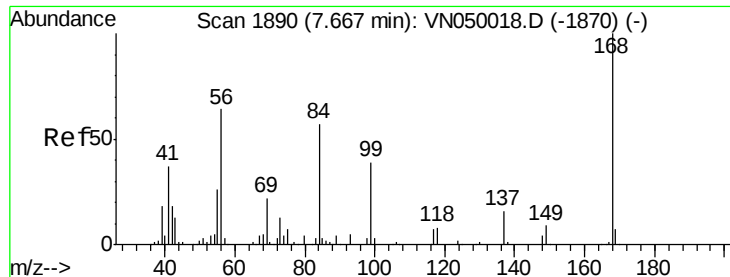
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050234.D

Acq: 1 Aug 2018 8:51

Instrument :

MSVOA_N

ClientSampleId :

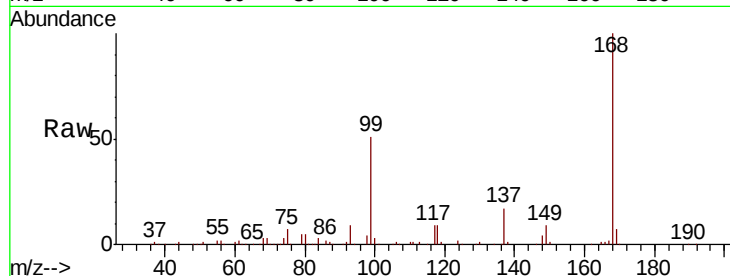
VN0801WBL01

Tot Ion:168 Resp: 693380

Ion Ratio Lower Upper

168 100

99 51.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

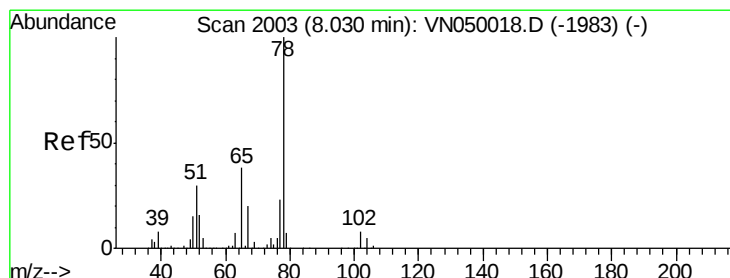
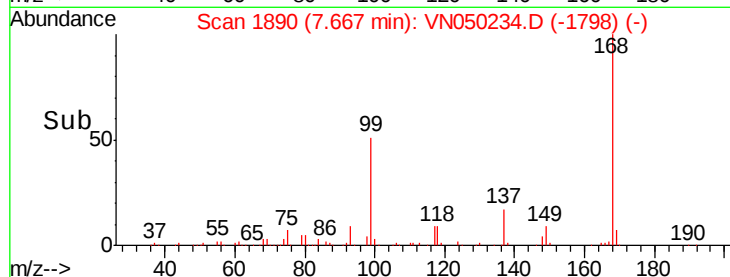
300000

200000

100000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#33

1,2-Dichloroethane-d4

Concen: 50.191 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050234.D

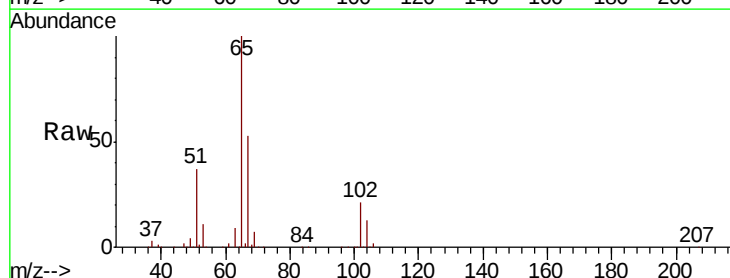
Acq: 1 Aug 2018 8:51

Tgt Ion: 65 Resp: 485562

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

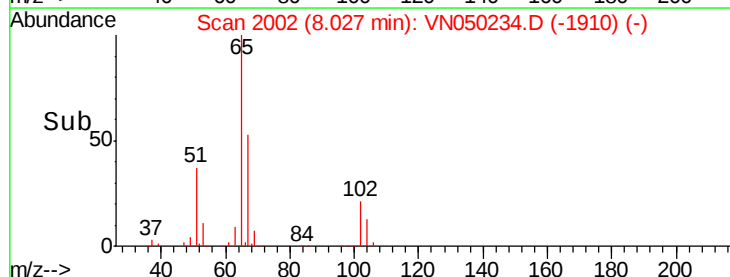
150000

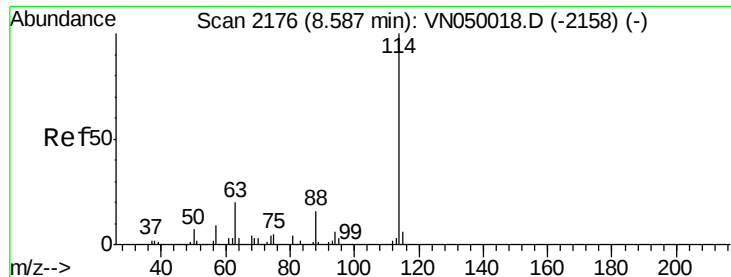
100000

50000

0

Time--> 7.90 8.00 8.10 8.20



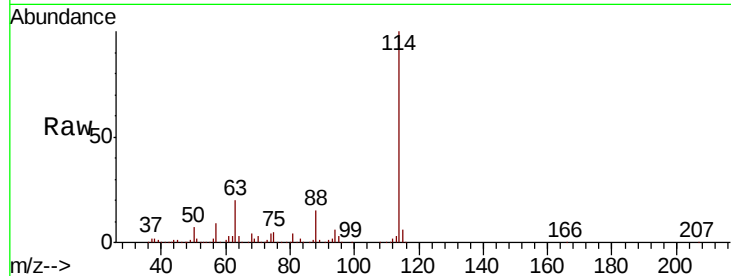


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050234.D
 Acq: 1 Aug 2018 8:51

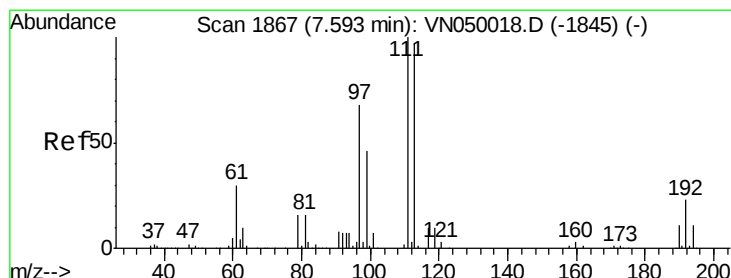
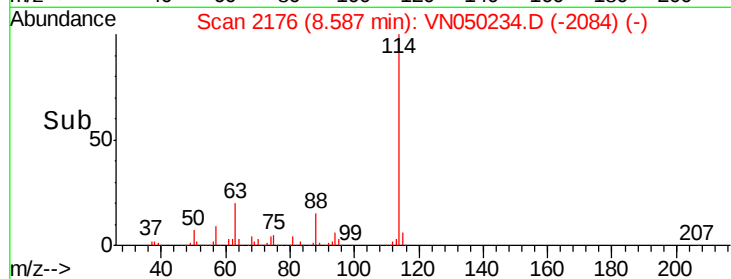
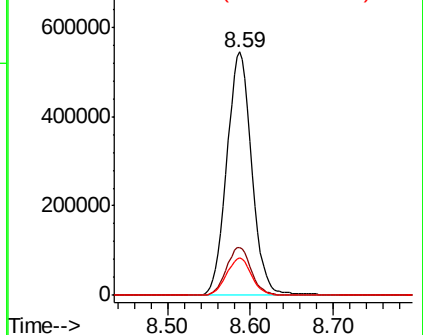
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBL01

Tot Ion:114 Resp: 1140956

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.0
88	15.3	0.0	31.2



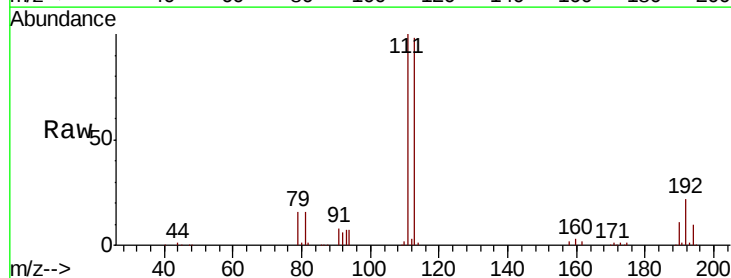
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



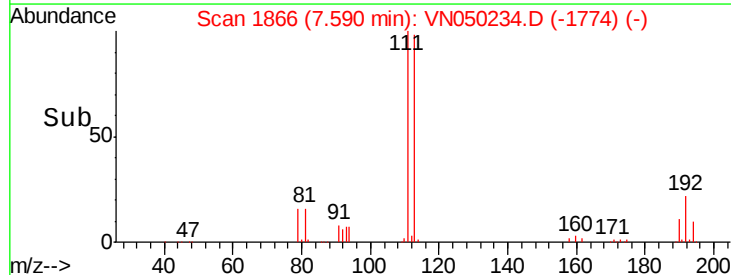
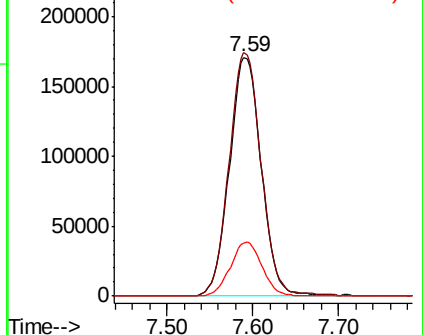
#35
 Dibromofluoromethane
 Concen: 47.243 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050234.D
 Acq: 1 Aug 2018 8:51

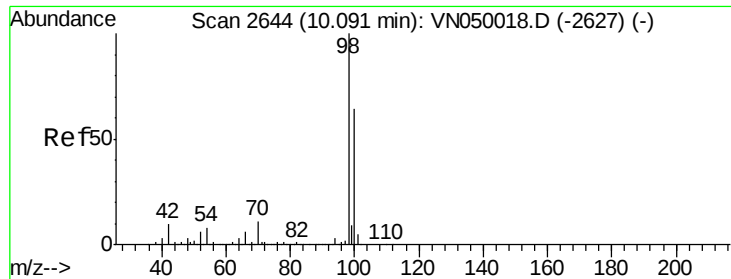
Tgt Ion:113 Resp: 440093

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	22.4	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

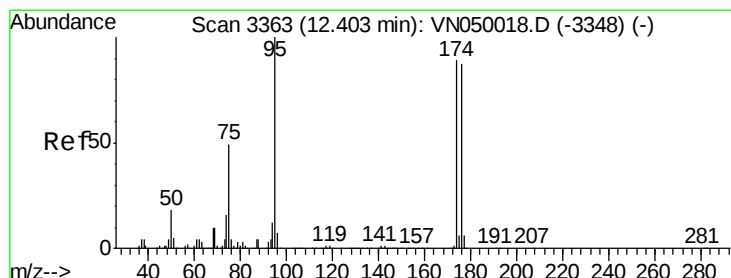
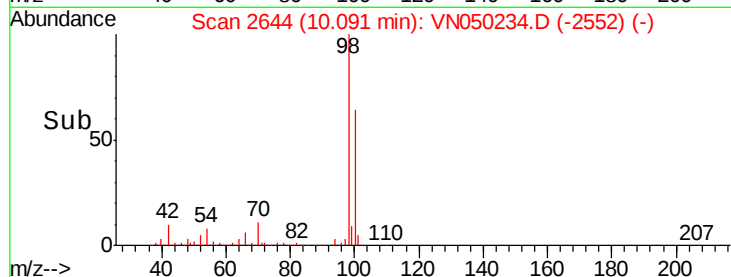
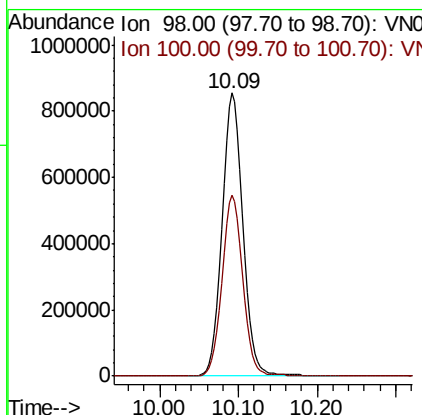
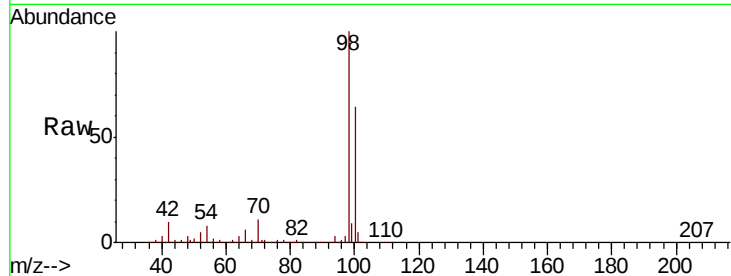




#50
Toluene-d8
Concen: 45.483 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050234.D
Acq: 1 Aug 2018 8:51

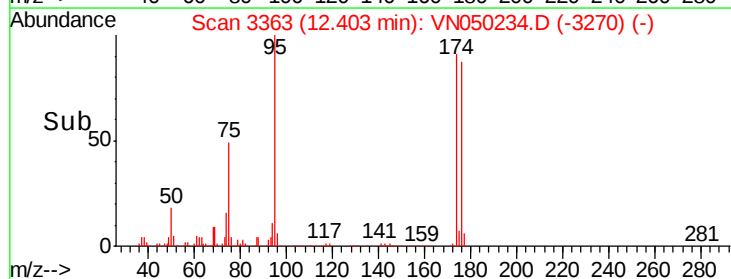
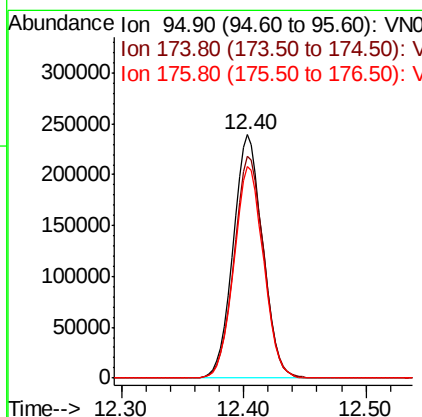
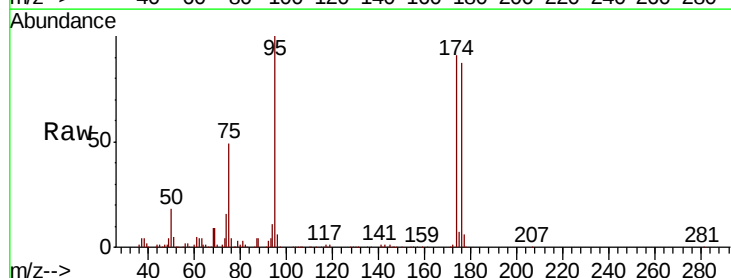
Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL01

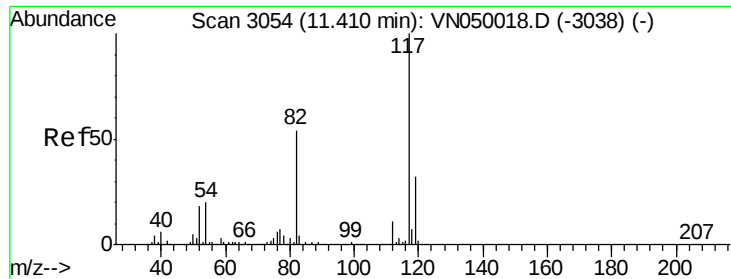
Tot Ion: 98 Resp: 1557719
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 35.535 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050234.D
Acq: 1 Aug 2018 8:51

Tgt Ion: 95 Resp: 400726
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.2
176 87.3 0.0 173.4

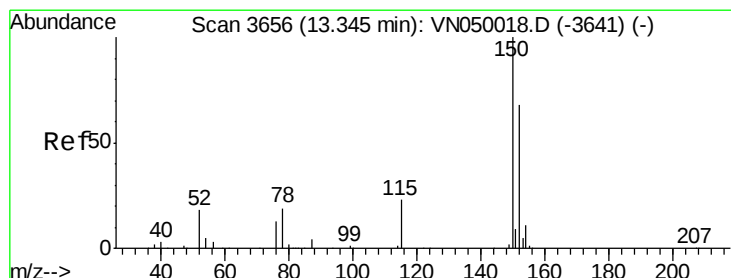
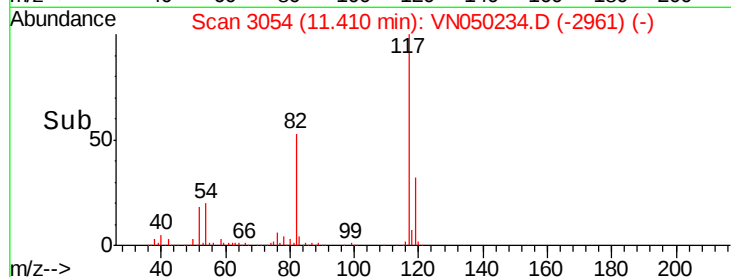
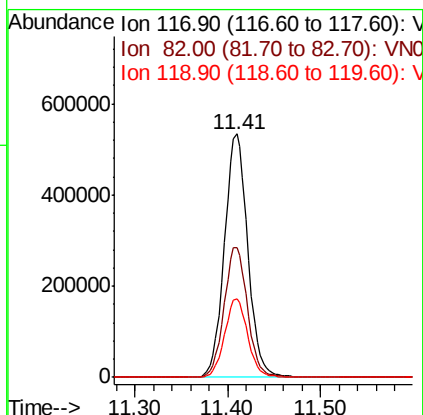
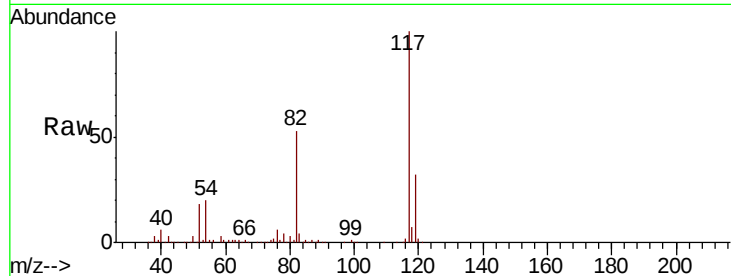




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050234.D
 Acq: 1 Aug 2018 8:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBL01

Tot Ion:117 Resp: 928191
 Ion Ratio Lower Upper
 117 100
 82 53.5 43.7 65.5
 119 32.4 26.1 39.1



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: VN050234.D
 Acq: 1 Aug 2018 8:51

Tgt Ion:152 Resp: 319753
 Ion Ratio Lower Upper
 152 100
 115 56.7 27.8 83.3
 150 156.4 0.0 348.6

