

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050518.D
 Acq On : 10 Aug 2018 15:22
 Operator : MD\SY
 Sample : J4397-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Aug 13 11:14:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	701141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1101354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	937205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	367516	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	467499	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
35) Dibromofluoromethane	7.59	113	432328	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
50) Toluene-d8	10.09	98	1518569	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.40	95	425654	37.59	ug/l	0.00
Spiked Amount			Recovery	=	75.18%	

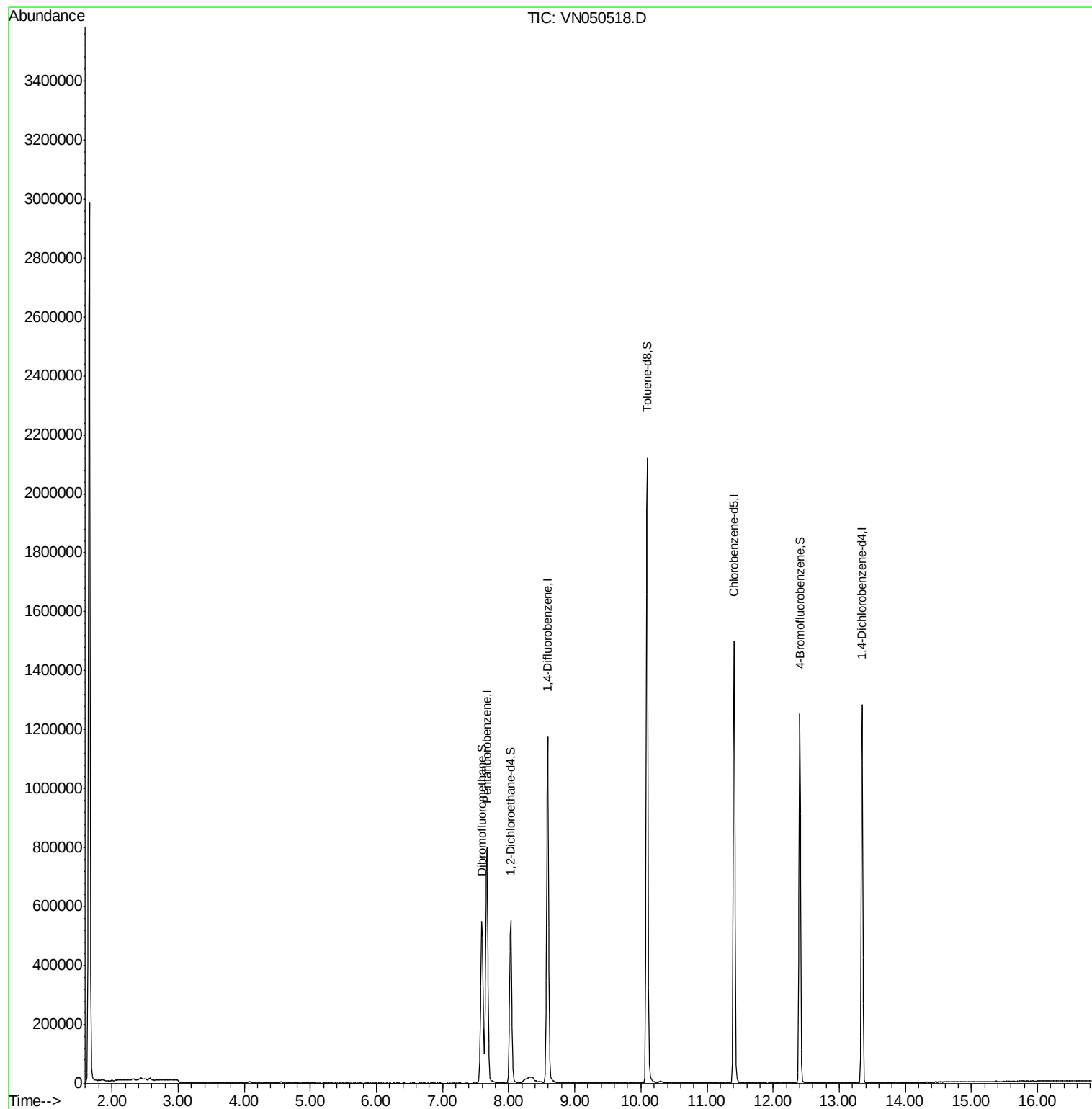
Target Compounds	Qvalue
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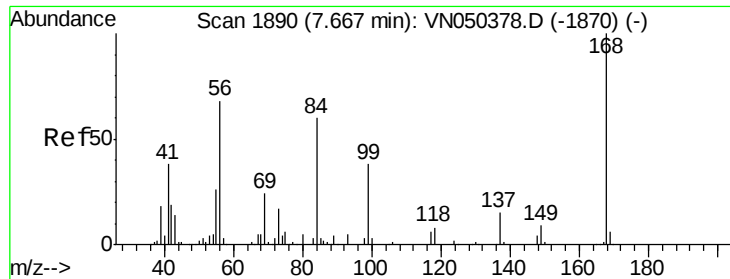
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050518.D

Acq: 10 Aug 2018 15:22

Instrument :

MSVOA_N

ClientSampled :

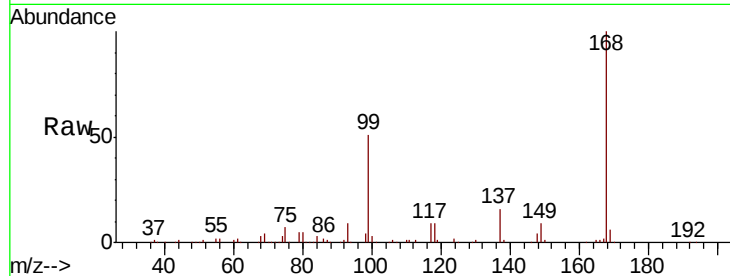
MW-11

Tot Ion:168 Resp: 701141

Ion Ratio Lower Upper

168 100

99 50.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

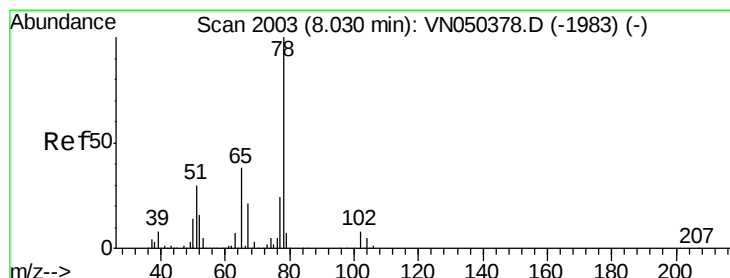
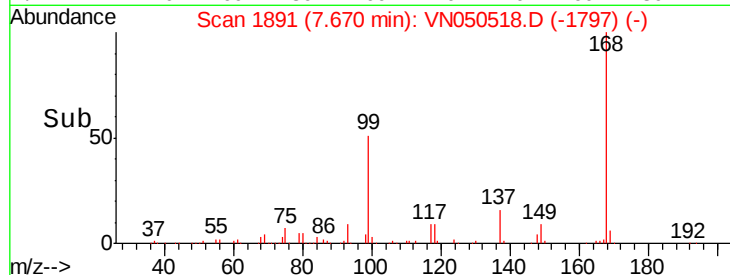
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.90 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050518.D

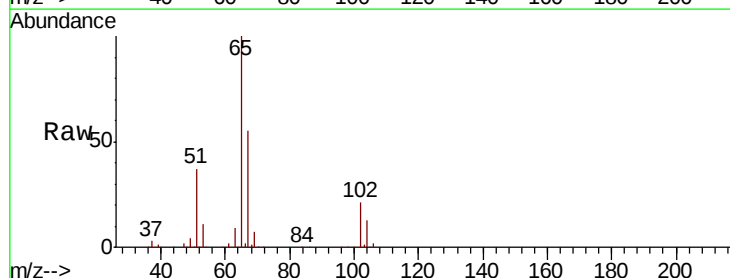
Acq: 10 Aug 2018 15:22

Tgt Ion: 65 Resp: 467499

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

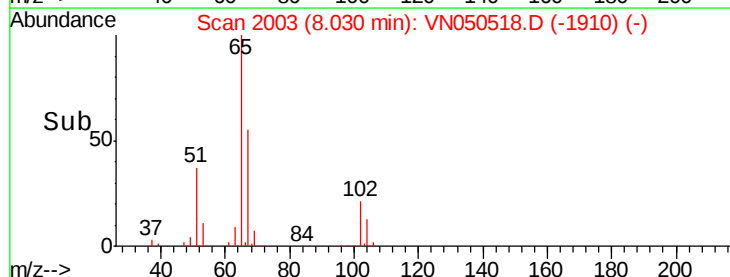
150000

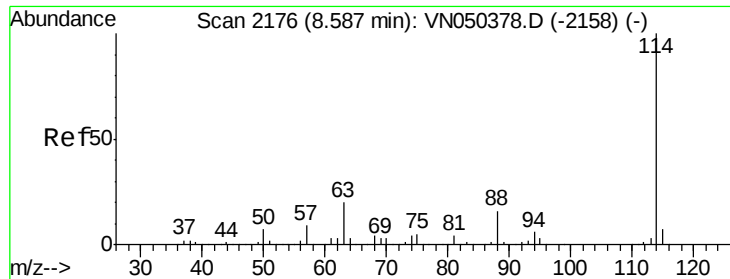
100000

50000

0

Time-->

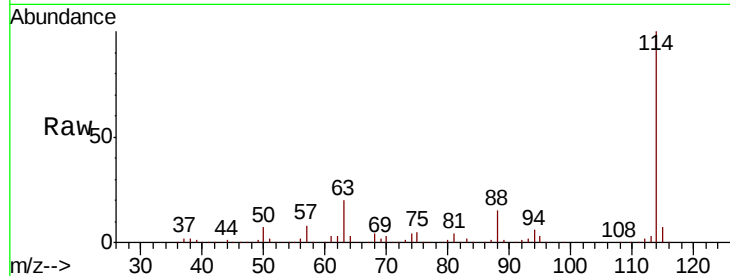




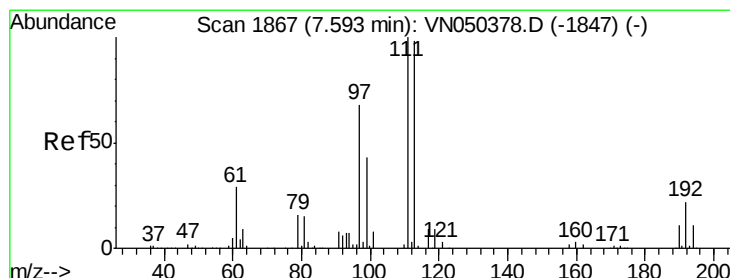
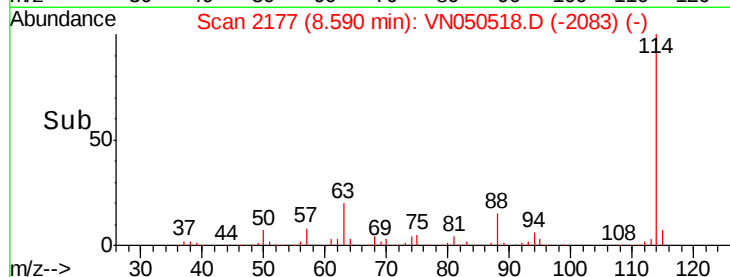
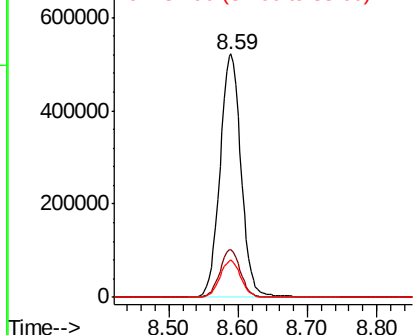
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050518.D
 Acq: 10 Aug 2018 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Tot Ion:114 Resp: 1101354
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.3 0.0 31.2

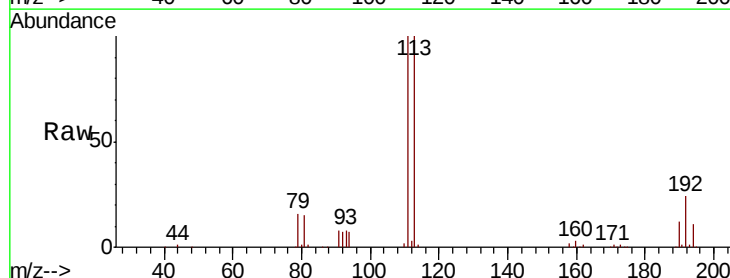


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

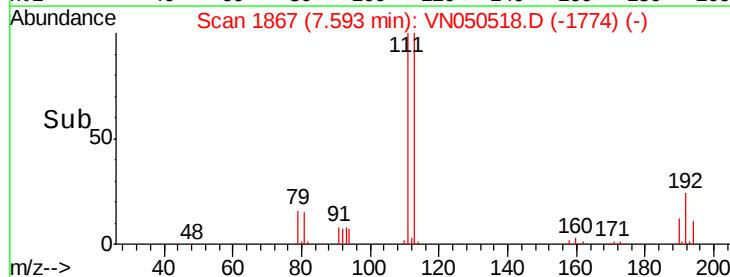
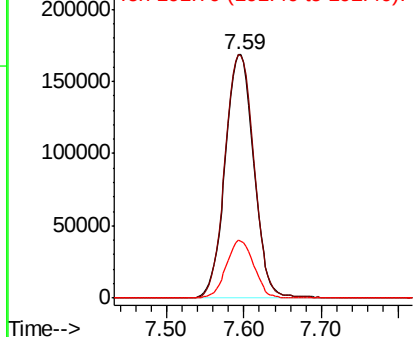


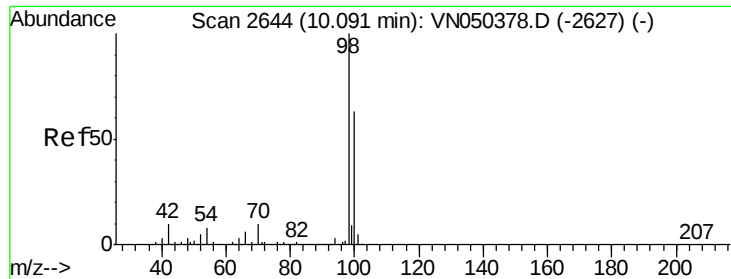
#35
 Dibromofluoromethane
 Concen: 48.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050518.D
 Acq: 10 Aug 2018 15:22

Tgt Ion:113 Resp: 432328
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.7 121.1
 192 22.8 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

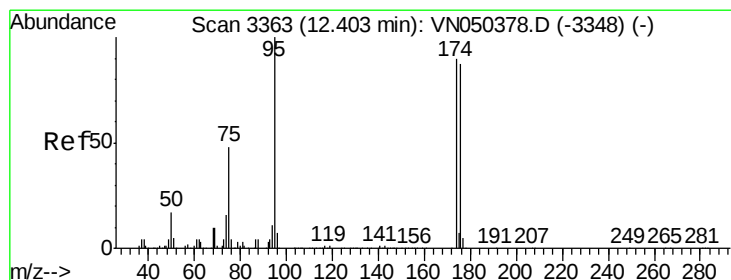
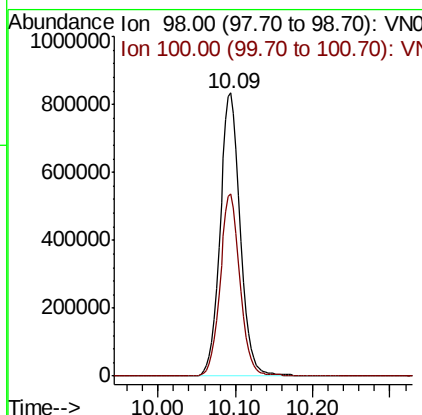
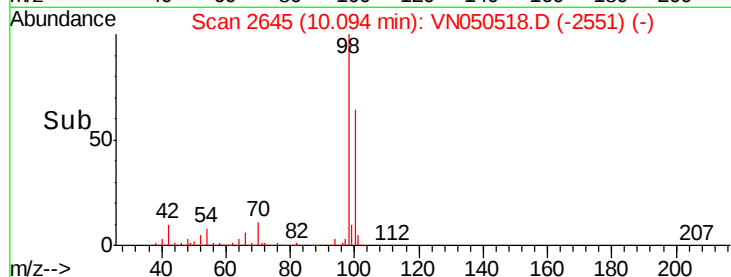
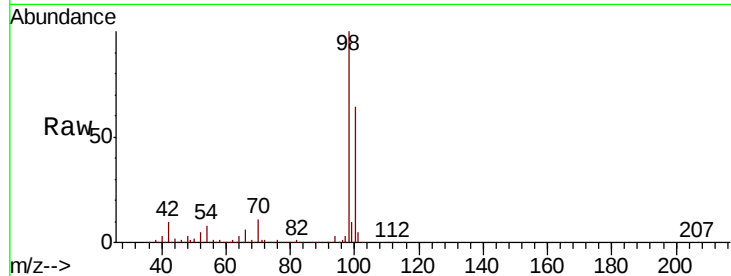




#50
Toluene-d8
Concen: 45.70 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050518.D
Acq: 10 Aug 2018 15:22

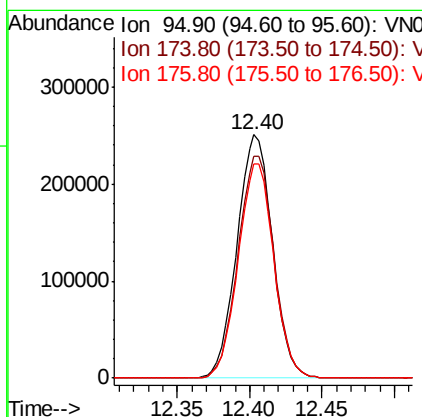
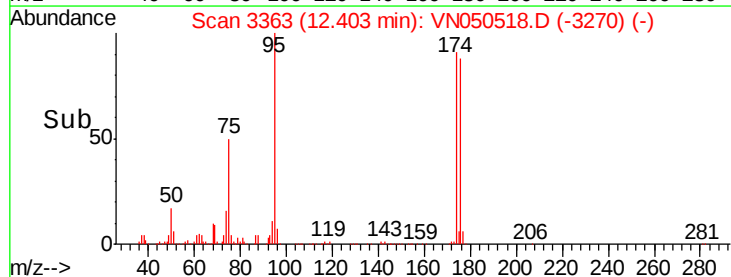
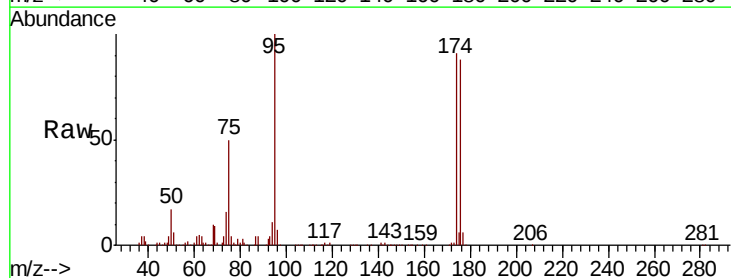
Instrument :
MSVOA_N
ClientSampled :
MW-11

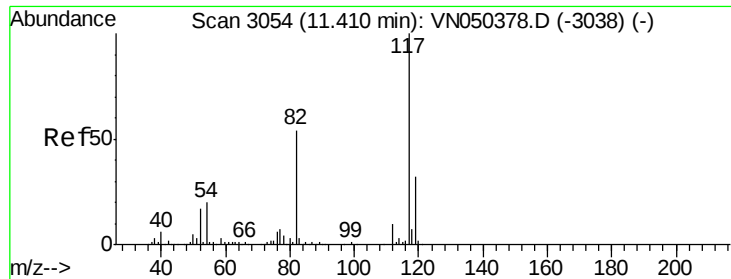
Tot Ion: 98 Resp: 1518569
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 37.59 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050518.D
Acq: 10 Aug 2018 15:22

Tgt Ion: 95 Resp: 425654
Ion Ratio Lower Upper
95 100
174 92.7 0.0 178.2
176 88.6 0.0 173.4

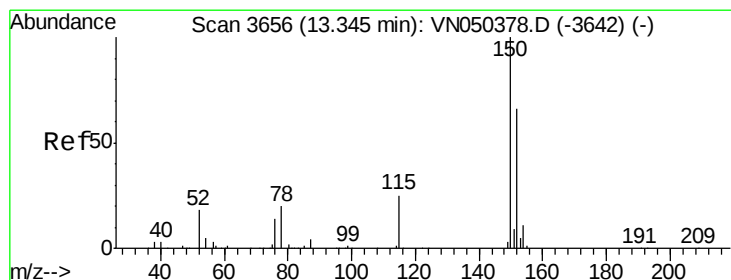
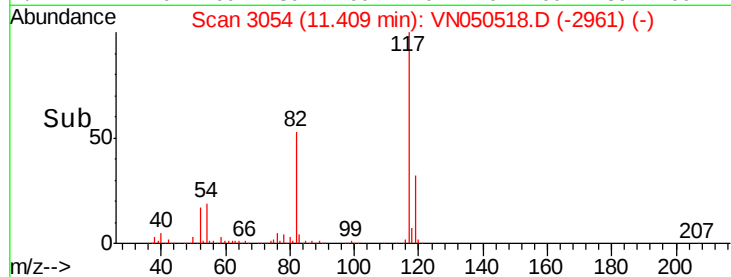
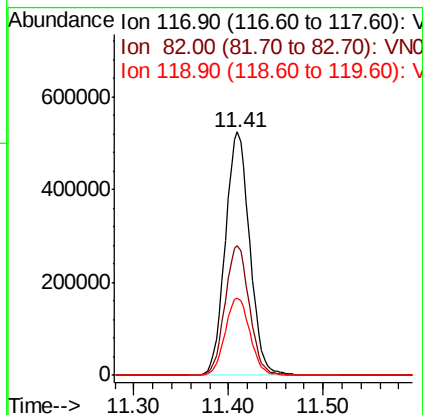
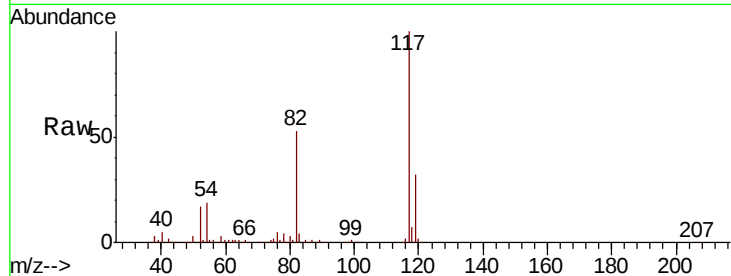




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050518.D
Acq: 10 Aug 2018 15:22

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tot Ion:117 Resp: 937205
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050518.D
Acq: 10 Aug 2018 15:22

Tgt Ion:152 Resp: 367516
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.3
150 155.3 0.0 348.6

