

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050533.D
 Acq On : 10 Aug 2018 22:23
 Operator : MD\SY
 Sample : VN0810WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBL02

Quant Time: Aug 11 05:25:49 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	628331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1021726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	852323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312470	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	437493	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
35) Dibromofluoromethane	7.59	113	401147	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.09	98	1401539	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
62) 4-Bromofluorobenzene	12.40	95	373955	35.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.20%	

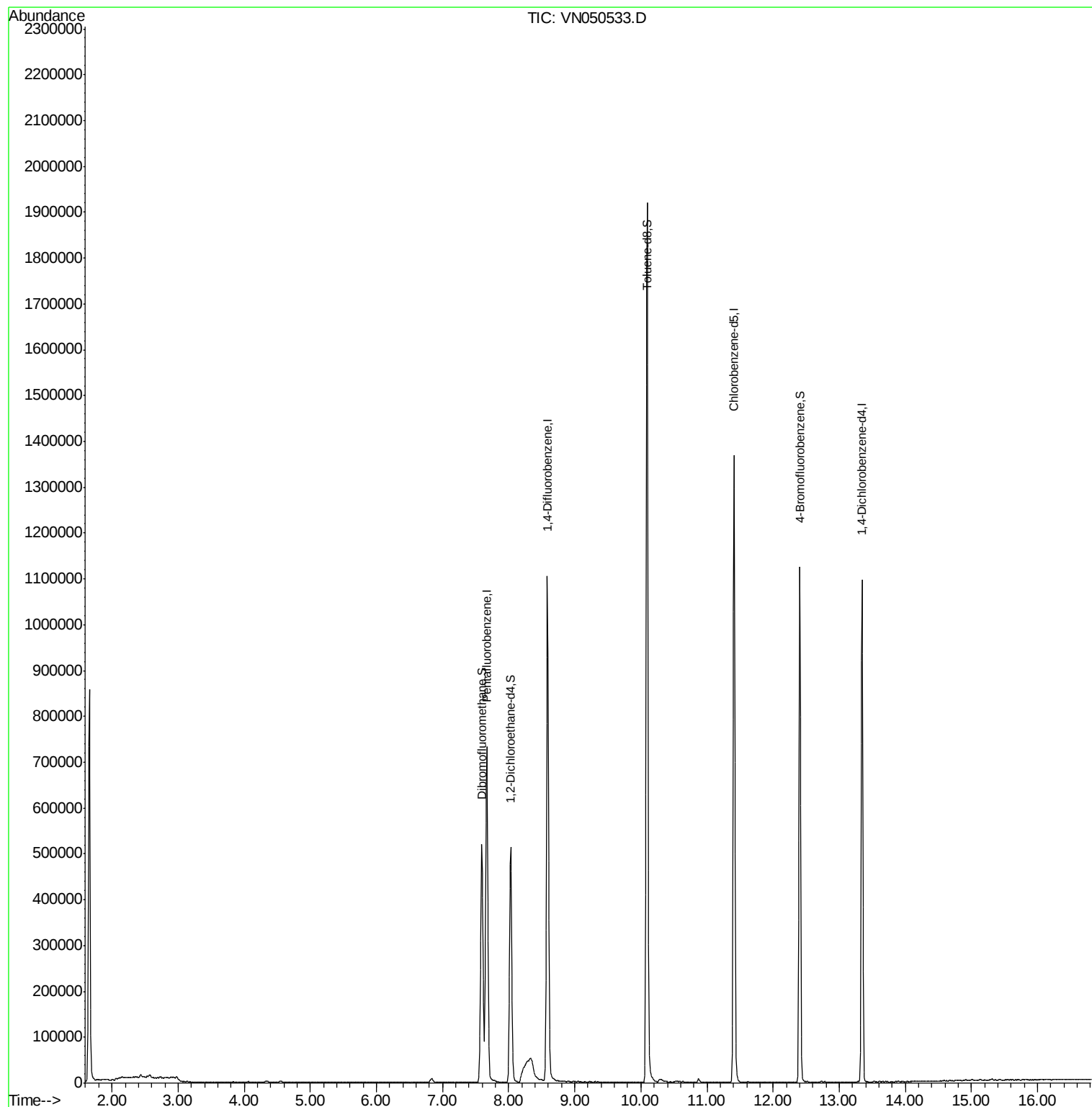
Target Compounds	Qvalue

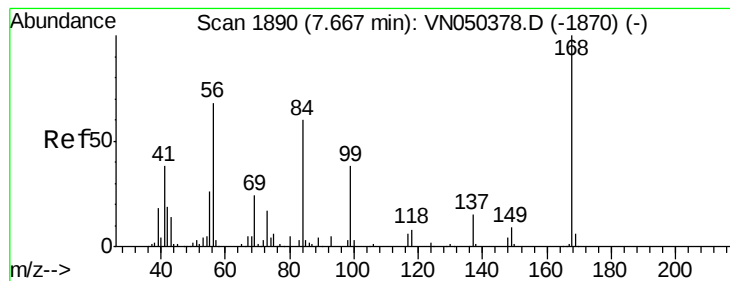
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050533.D

Acq: 10 Aug 2018 22:23

Instrument :

MSVOA_N

ClientSampleId :

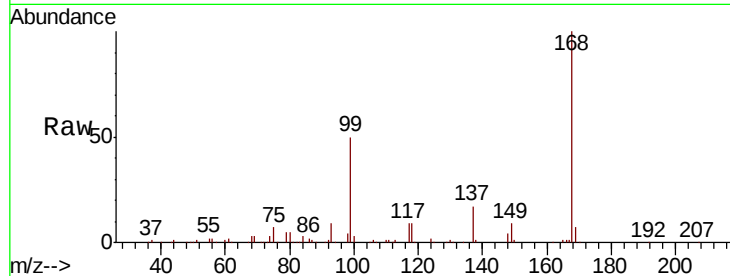
VN0810WBL02

Tot Ion:168 Resp: 628331

Ion Ratio Lower Upper

168 100

99 50.3 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

250000

200000

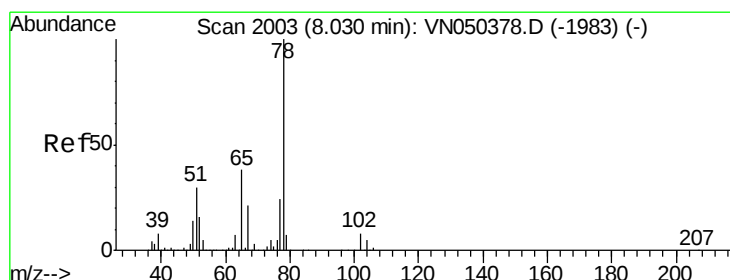
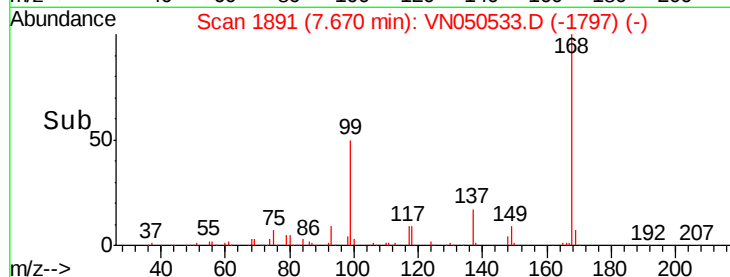
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.11 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050533.D

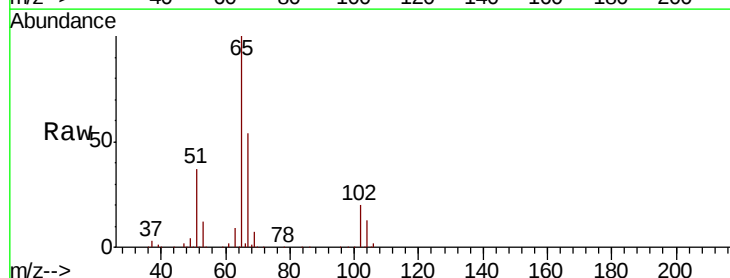
Acq: 10 Aug 2018 22:23

Tgt Ion: 65 Resp: 437493

Ion Ratio Lower Upper

65 100

67 53.8 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

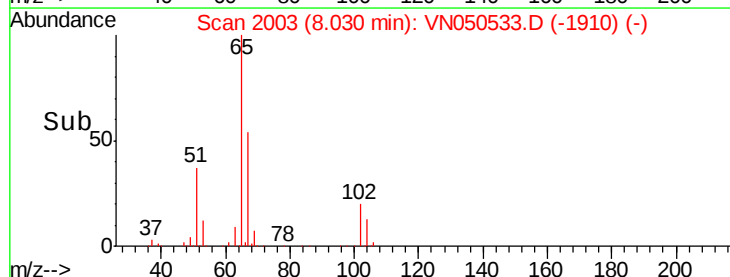
150000

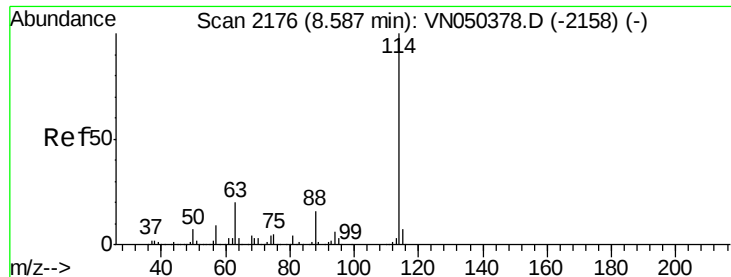
100000

50000

0

Time-->

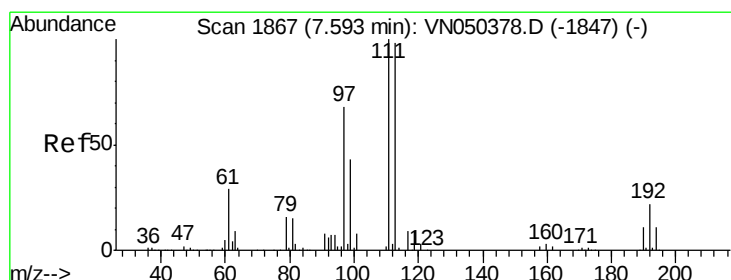
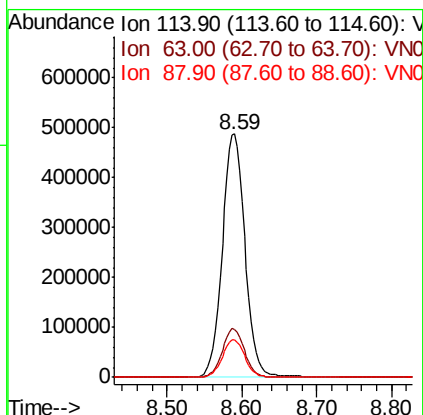
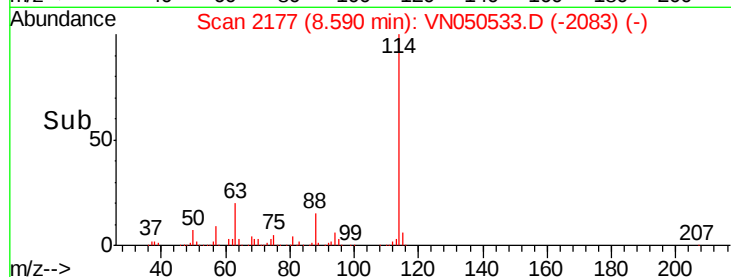
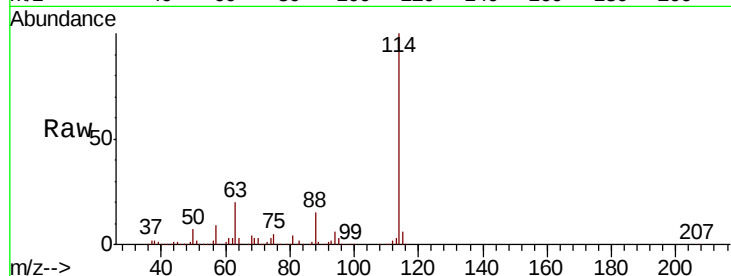




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050533.D
 Acq: 10 Aug 2018 22:23

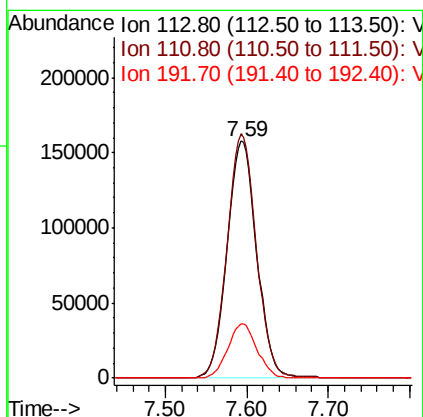
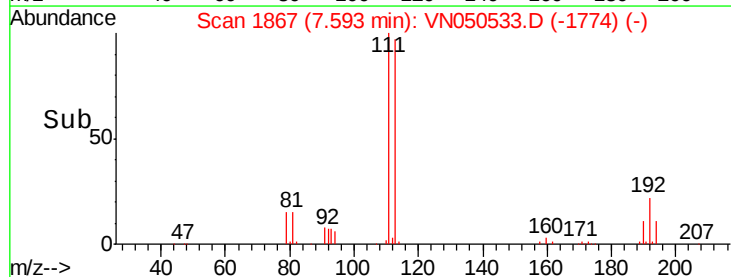
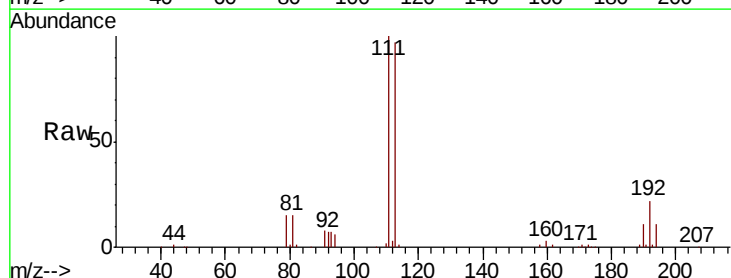
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBL02

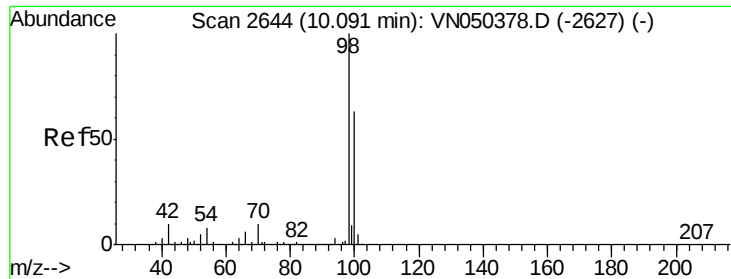
Tot Ion:114 Resp: 1021726
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.4 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 48.93 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050533.D
 Acq: 10 Aug 2018 22:23

Tgt Ion:113 Resp: 401147
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 22.5 17.8 26.6





#50

Toluene-d8

Concen: 45.47 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050533.D

Acq: 10 Aug 2018 22:23

Instrument :

MSVOA_N

ClientSampleId :

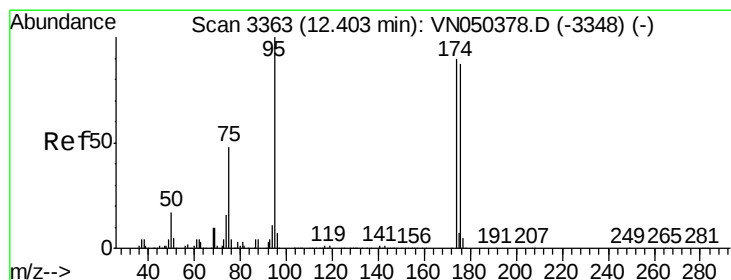
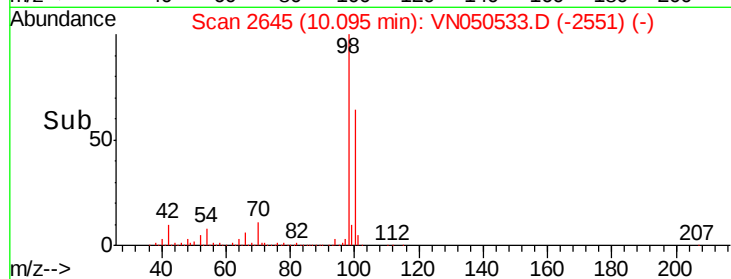
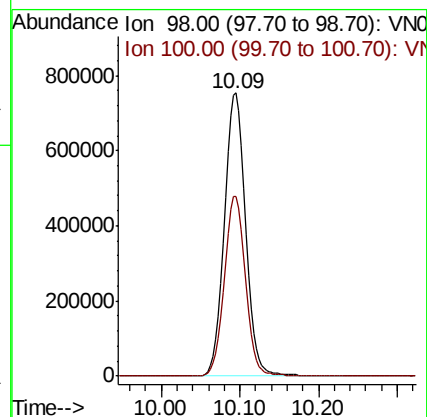
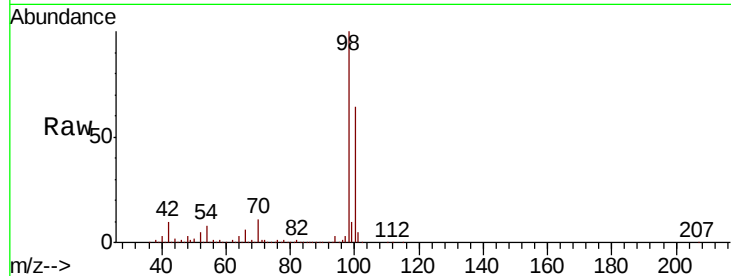
VN0810WBL02

Tot Ion: 98 Resp: 1401539

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 35.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050533.D

Acq: 10 Aug 2018 22:23

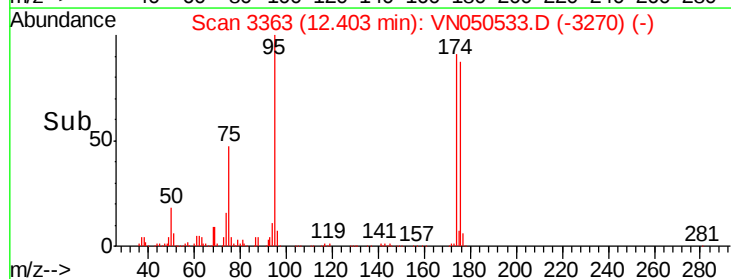
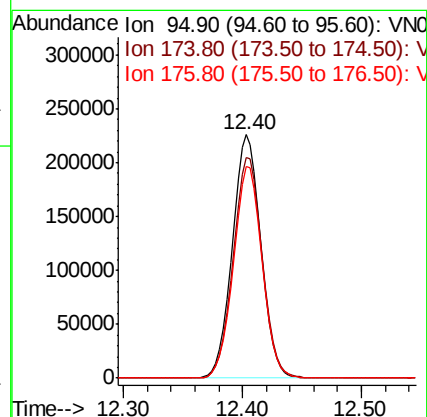
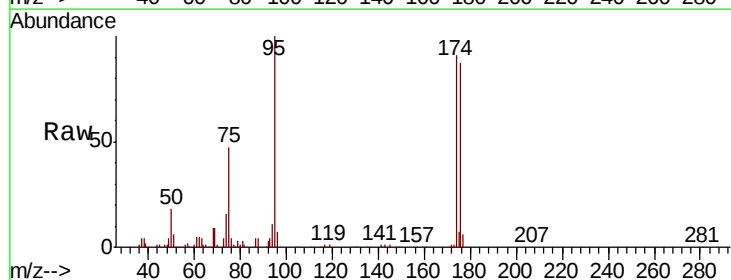
Tgt Ion: 95 Resp: 373955

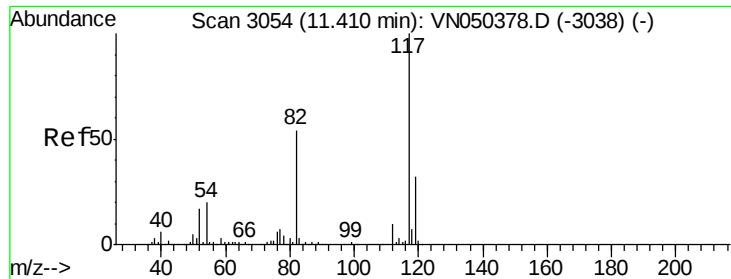
Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.2

176 87.7 0.0 173.4

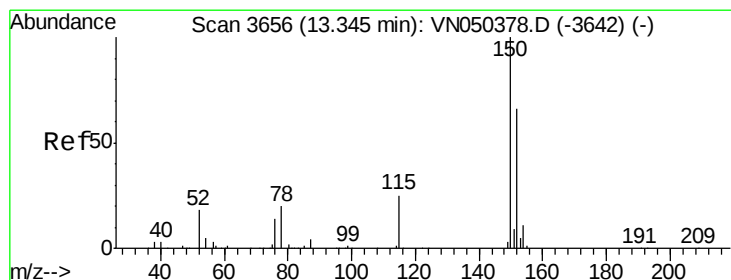
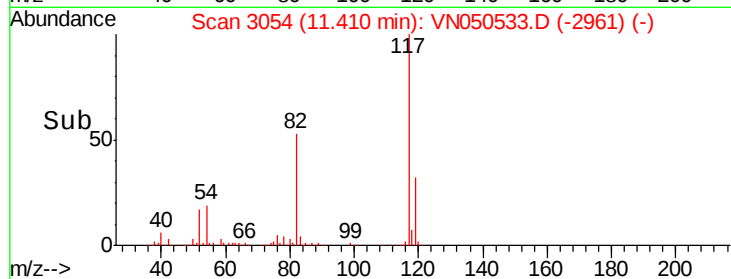
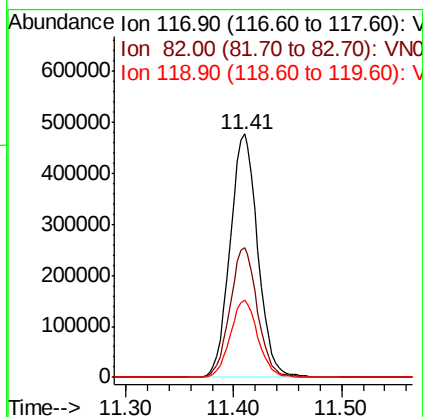
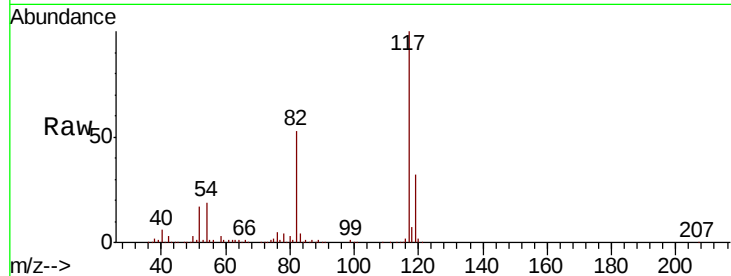




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050533.D
Acq: 10 Aug 2018 22:23

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBL02

Tot Ion:117 Resp: 852323
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 31.7 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: VN050533.D
Acq: 10 Aug 2018 22:23

Tgt Ion:152 Resp: 312470
Ion Ratio Lower Upper
152 100
115 56.0 27.8 83.3
150 155.5 0.0 348.6

