

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050514.D
 Acq On : 10 Aug 2018 13:43
 Operator : MD\SY
 Sample : J4420-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Aug 13 11:12:26 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	740653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1144107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	990189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	397593	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	478019	48.31	ug/l	0.00
Spiked Amount						
			Recovery	=	96.62%	
35) Dibromofluoromethane	7.59	113	443191	48.28	ug/l	0.00
Spiked Amount						
			Recovery	=	96.56%	
50) Toluene-d8	10.09	98	1595916	46.24	ug/l	0.00
Spiked Amount						
			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.40	95	468737	39.85	ug/l	0.00
Spiked Amount						
			Recovery	=	79.70%	

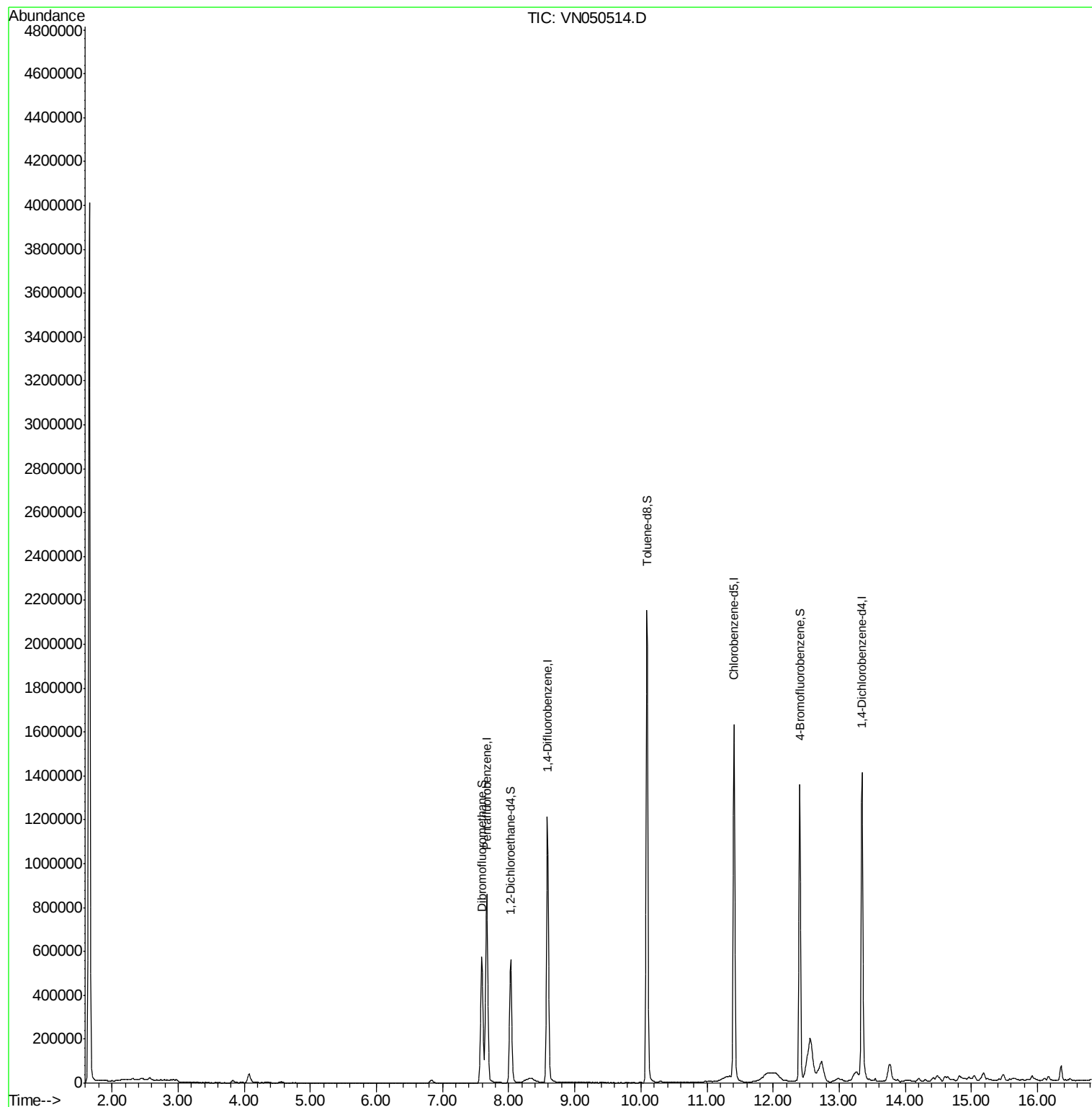
Target Compounds	Qvalue

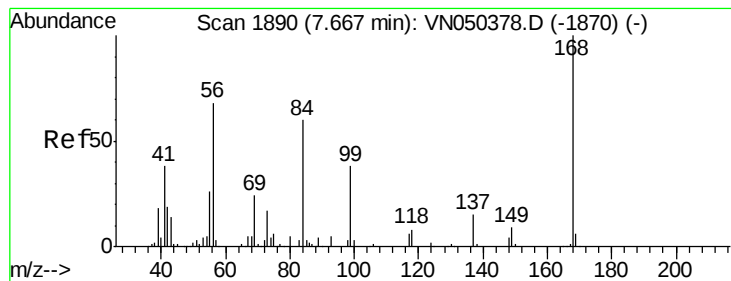
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050514.D

Acq: 10 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampled :

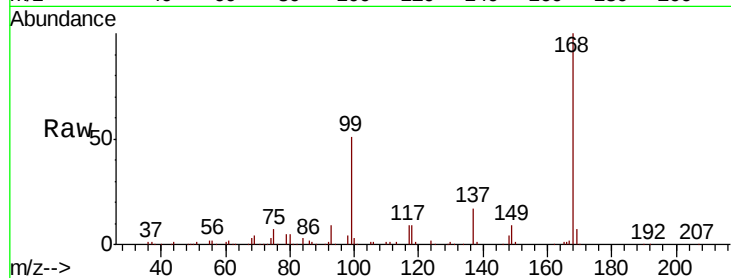
MW-2

Tot Ion:168 Resp: 740653

Ion Ratio Lower Upper

168 100

99 51.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

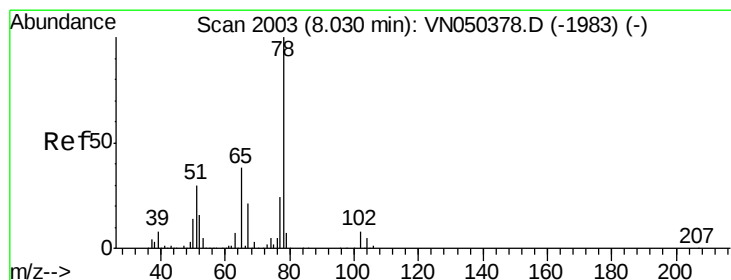
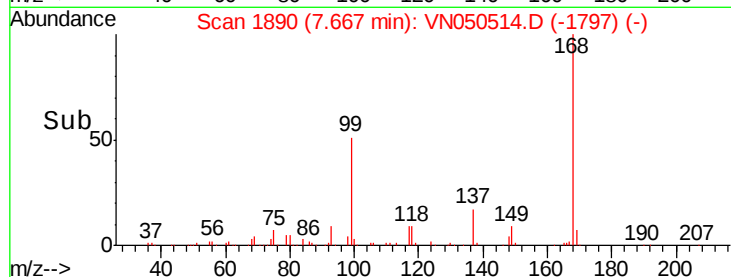
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 48.31 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050514.D

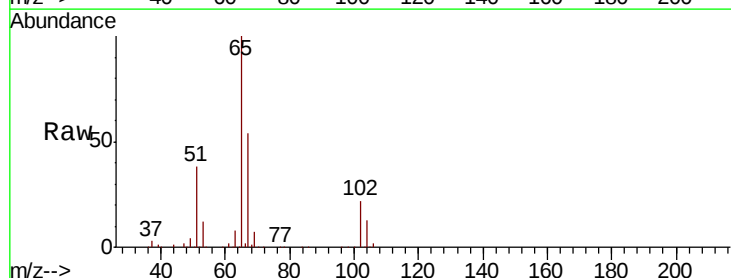
Acq: 10 Aug 2018 13:43

Tgt Ion: 65 Resp: 478019

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

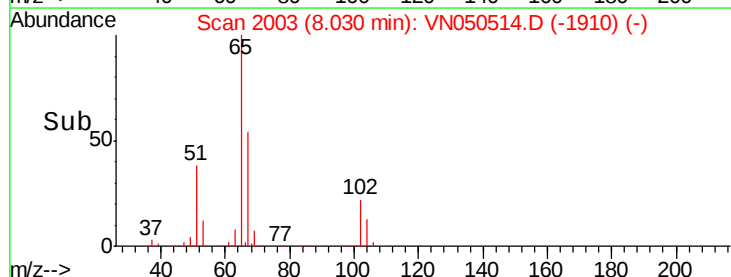
150000

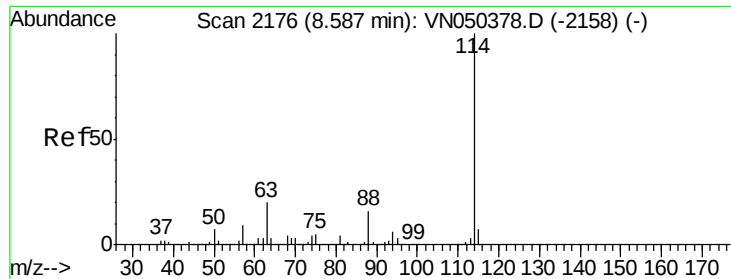
100000

50000

0

Time--> 7.90 8.00 8.10



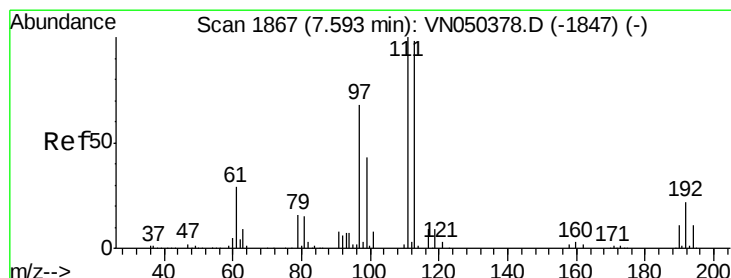
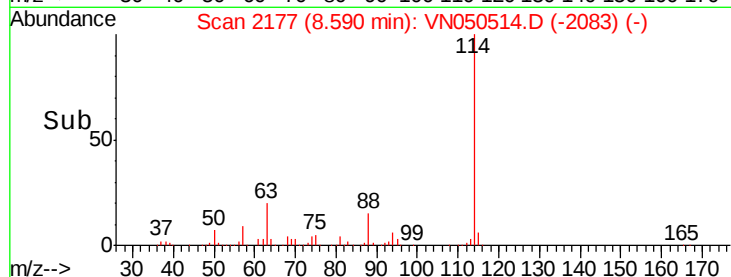
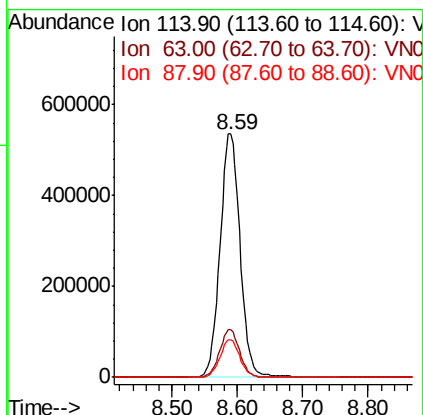
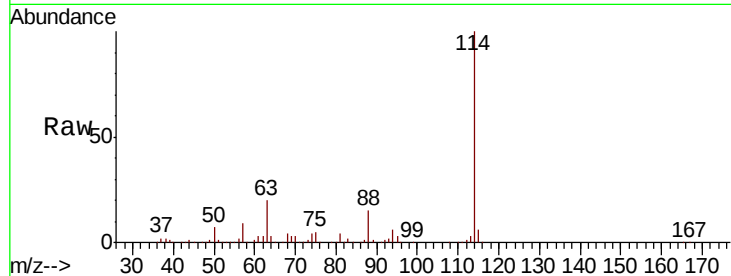


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050514.D
 Acq: 10 Aug 2018 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Tot Ion:114 Resp: 1144107

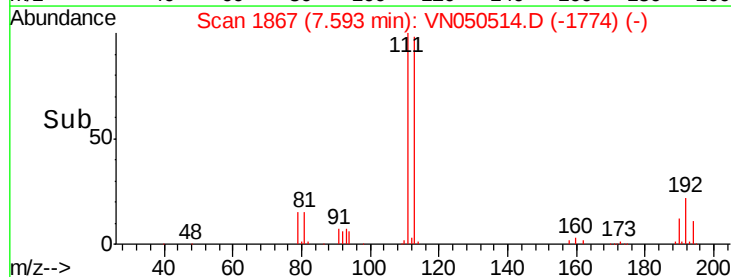
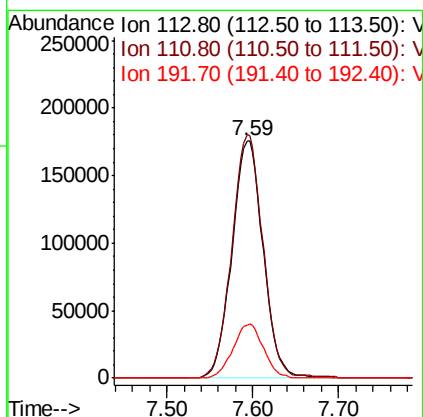
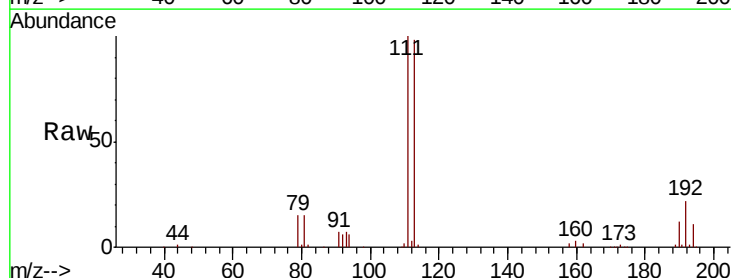
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	15.4	0.0	31.2

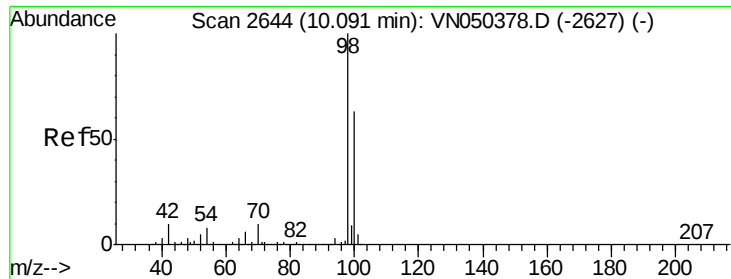


#35
 Dibromofluoromethane
 Concen: 48.28 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050514.D
 Acq: 10 Aug 2018 13:43

Tgt Ion:113 Resp: 443191

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.7	121.1
192	22.3	17.8	26.6





#50

Toluene-d8

Concen: 46.24 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050514.D

Acq: 10 Aug 2018 13:43

Instrument :

MSVOA_N

ClientSampleId :

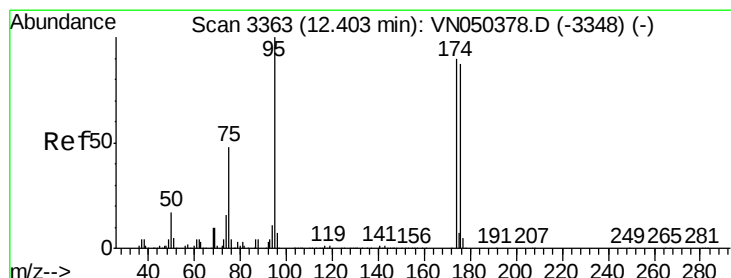
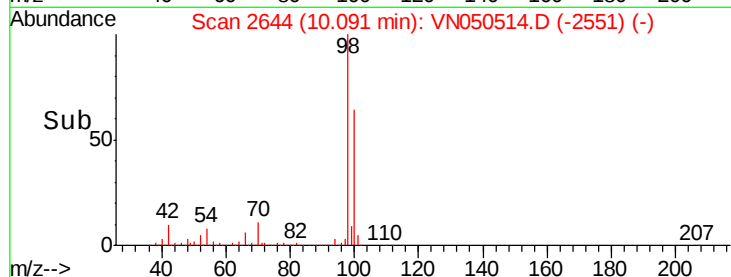
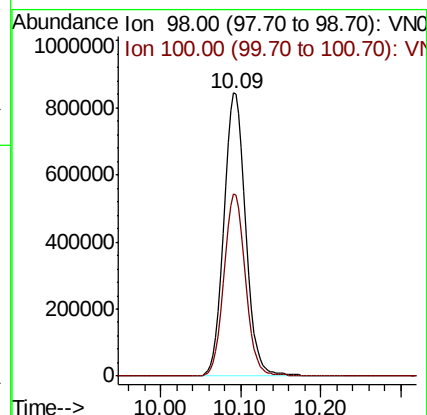
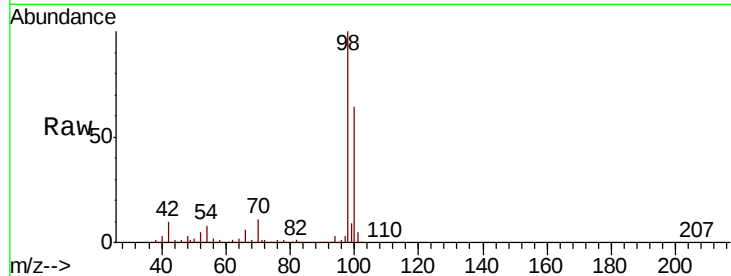
MW-2

Tot Ion: 98 Resp: 1595916

Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 39.85 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050514.D

Acq: 10 Aug 2018 13:43

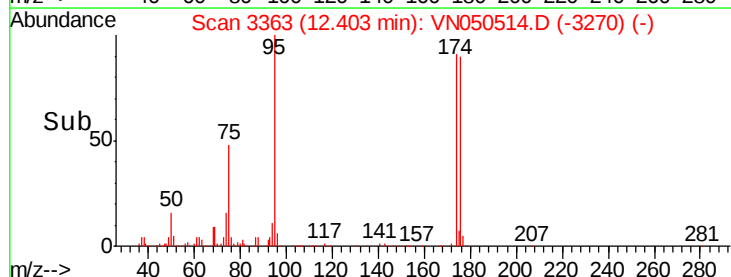
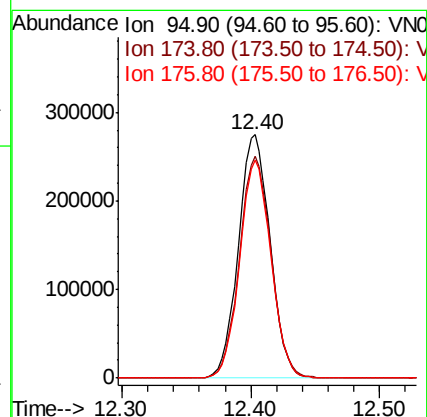
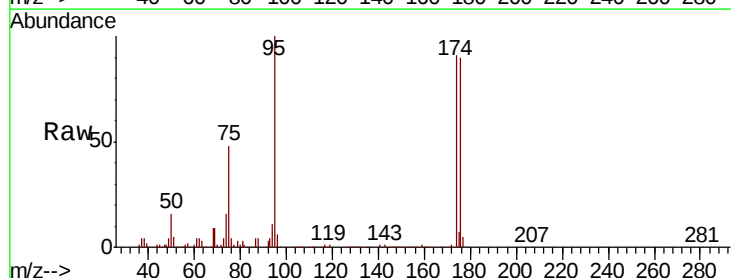
Tgt Ion: 95 Resp: 468737

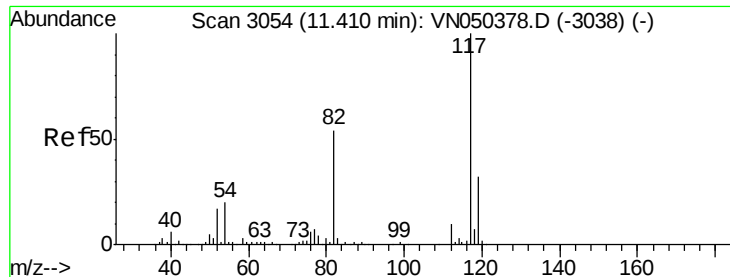
Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.2

176 88.3 0.0 173.4

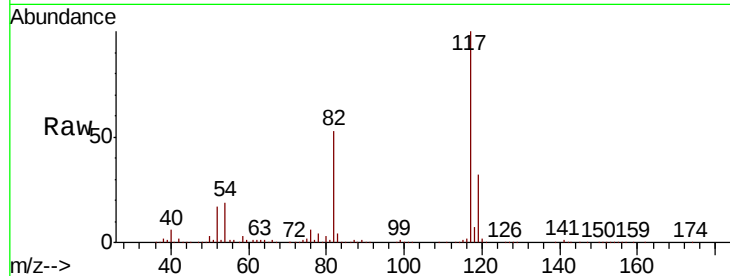




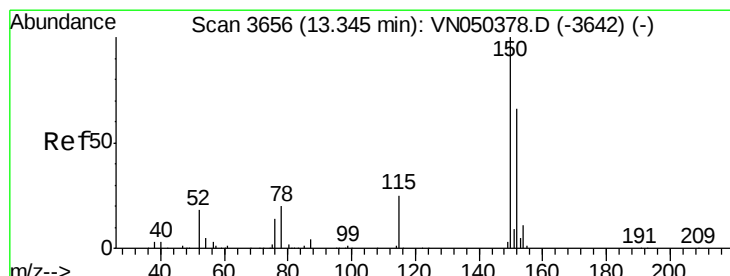
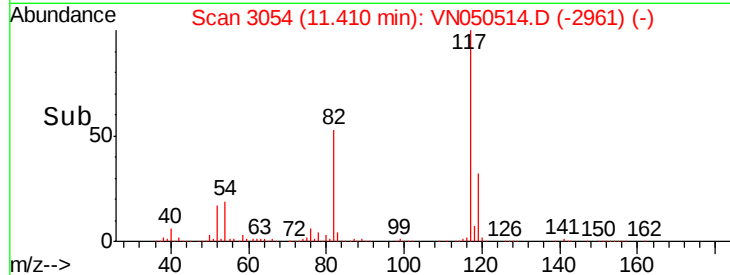
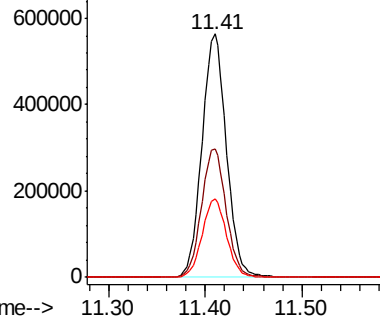
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050514.D
Acq: 10 Aug 2018 13:43

Instrument :
MSVOA_N
ClientSampled :
MW-2

Tot Ion:117 Resp: 990189
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 32.1 26.1 39.1

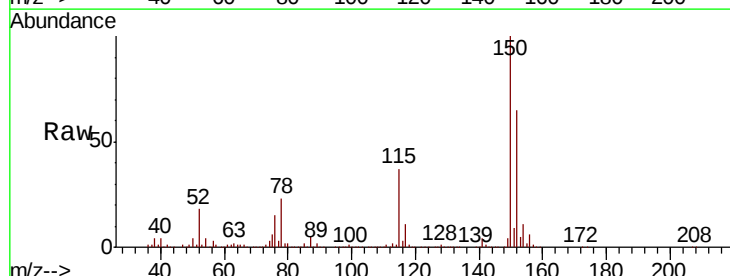


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050514.D
Acq: 10 Aug 2018 13:43

Tgt Ion:152 Resp: 397593
Ion Ratio Lower Upper
152 100
115 58.7 27.8 83.3
150 152.9 0.0 348.6



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

