

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054213.D
 Acq On : 13 Mar 2019 15:40
 Operator : JC/SP
 Sample : K1842-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-MW-11_030719

Quant Time: Mar 14 07:19:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1374670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2247572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2303828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	946420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	725473	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	7.59	113	696608	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.09	98	2782176	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.40	95	1029433	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	

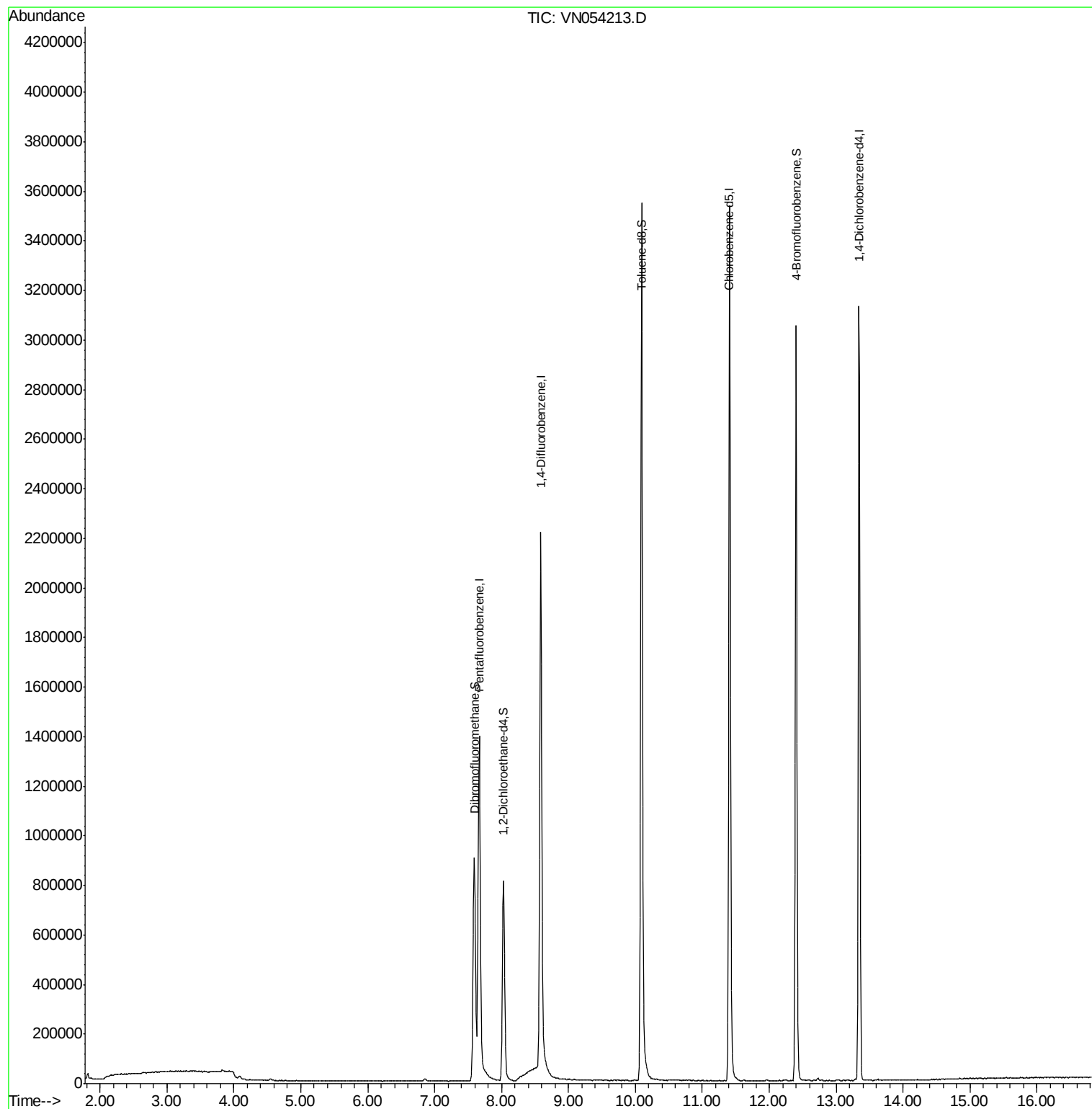
Target Compounds	Qvalue

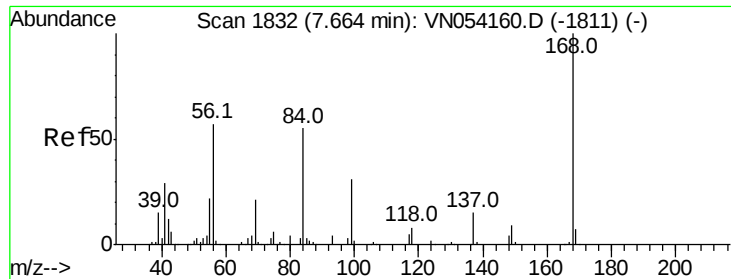
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054213.D

Acq: 13 Mar 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

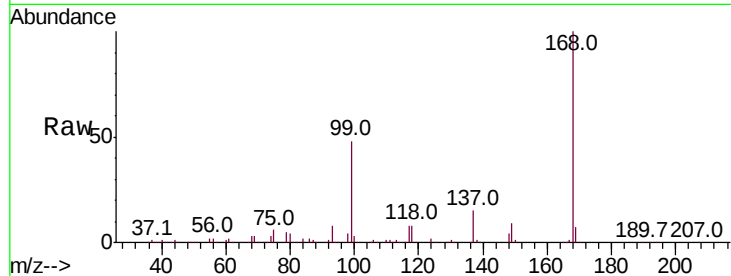
C-MW-11_030719

Tot Ion:168 Resp: 1374670

Ion Ratio Lower Upper

168 100

99 48.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

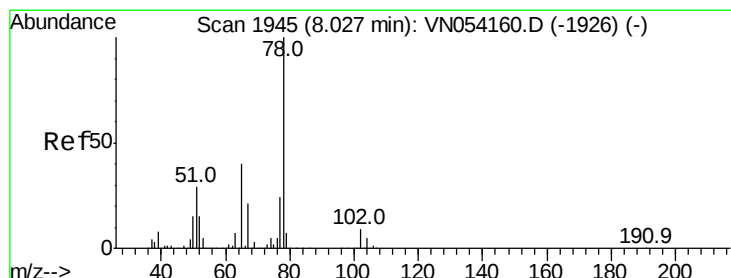
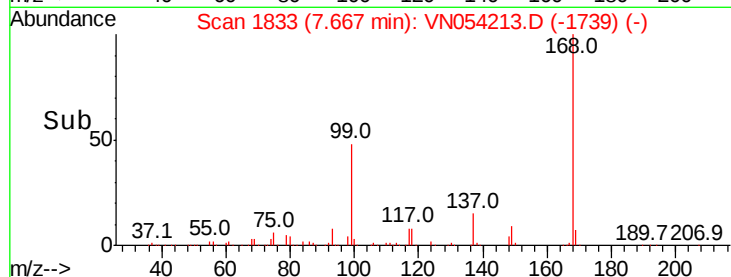
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 49.693 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054213.D

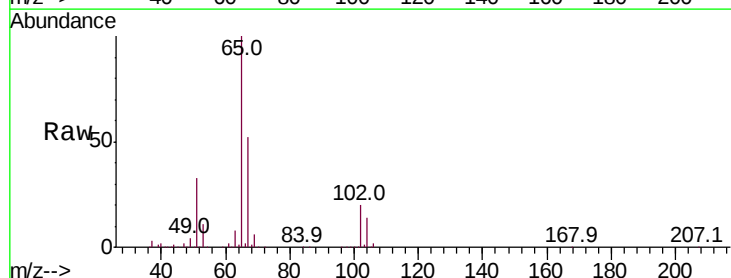
Acq: 13 Mar 2019 15:40

Tgt Ion: 65 Resp: 725473

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

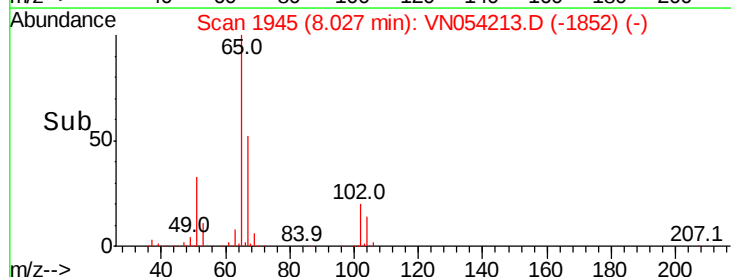
300000

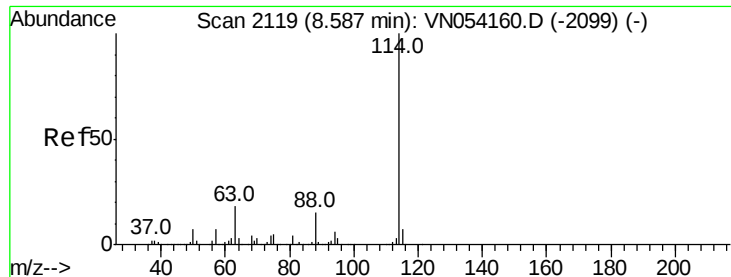
200000

100000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054213.D

Acq: 13 Mar 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

C-MW-11_030719

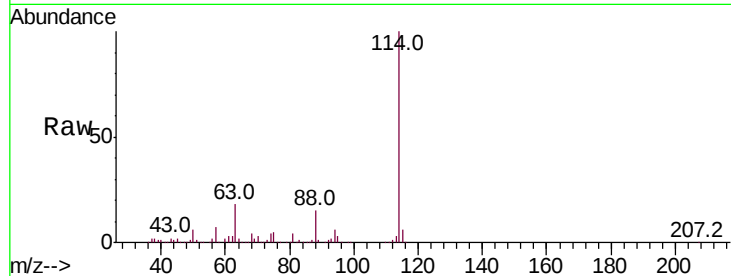
Tot Ion:114 Resp: 2247572

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

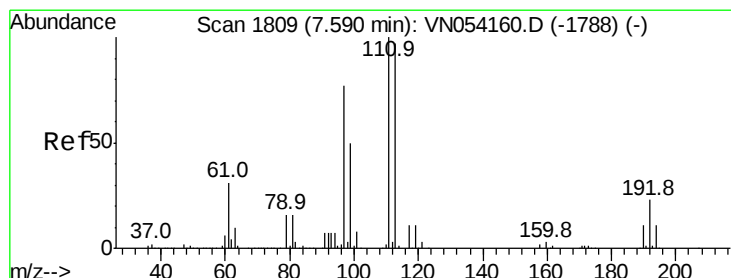
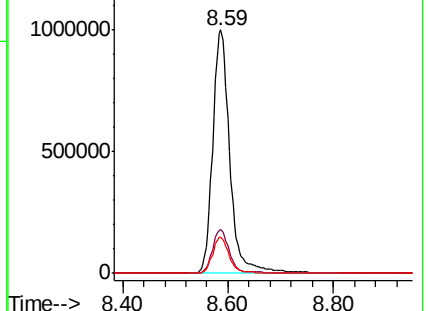
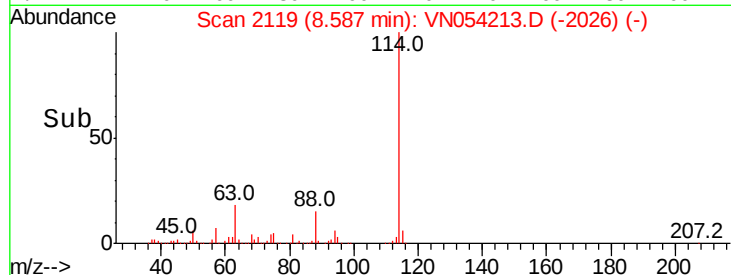
88 14.8 0.0 30.2



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: 48.055 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054213.D

Acq: 13 Mar 2019 15:40

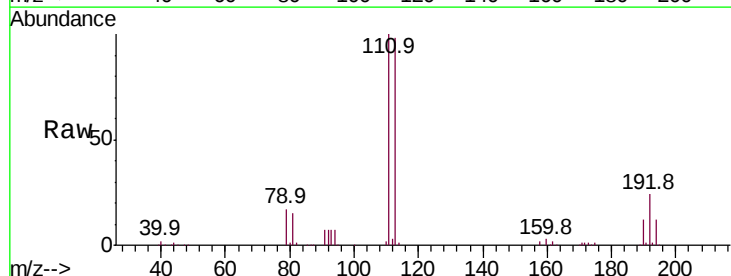
Tgt Ion:113 Resp: 696608

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

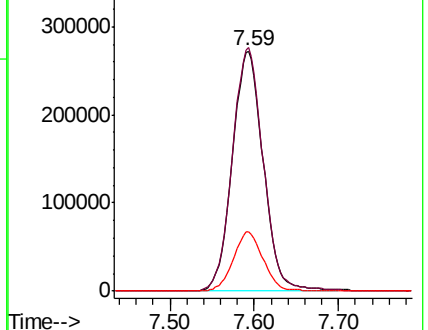
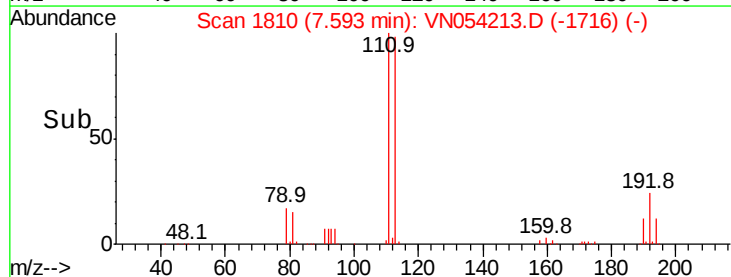
192 23.7 19.2 28.8

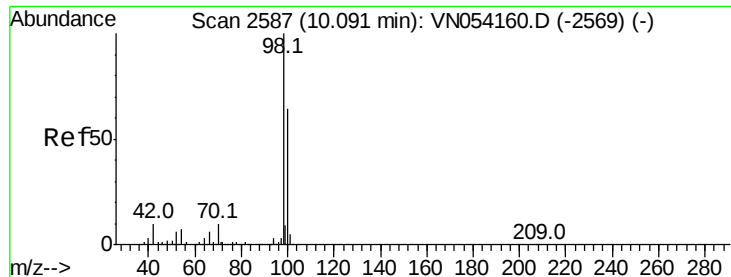


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.969 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054213.D

Acq: 13 Mar 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

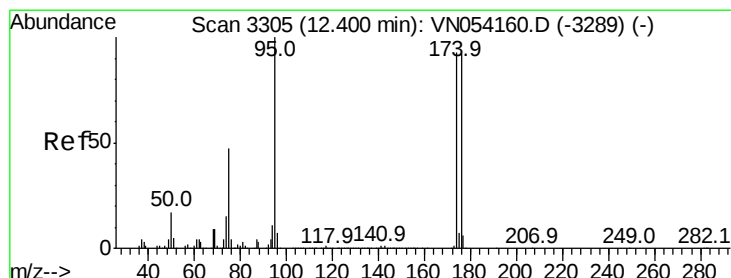
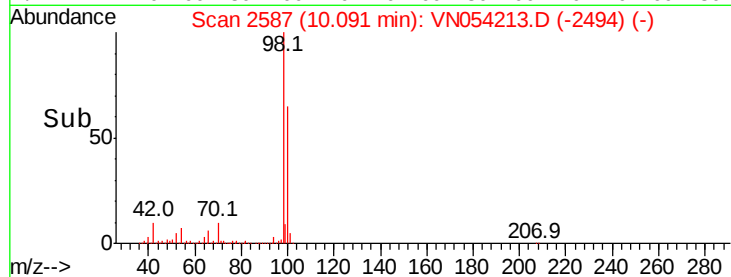
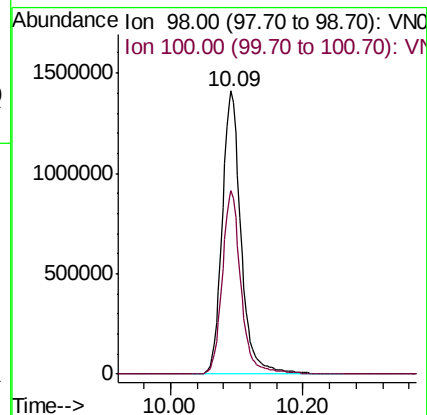
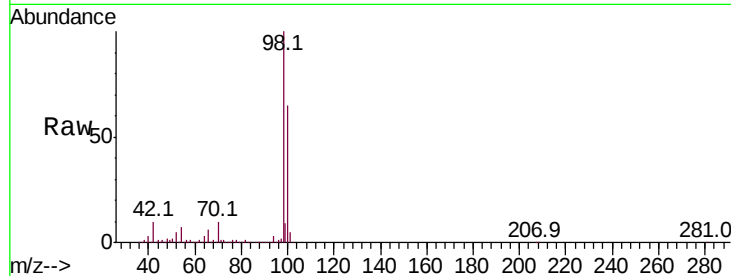
C-MW-11_030719

Tot Ion: 98 Resp: 2782176

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 54.955 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054213.D

Acq: 13 Mar 2019 15:40

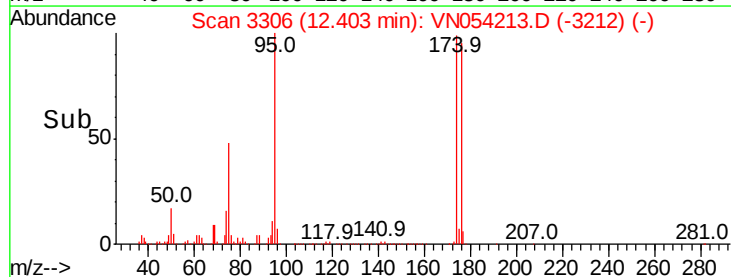
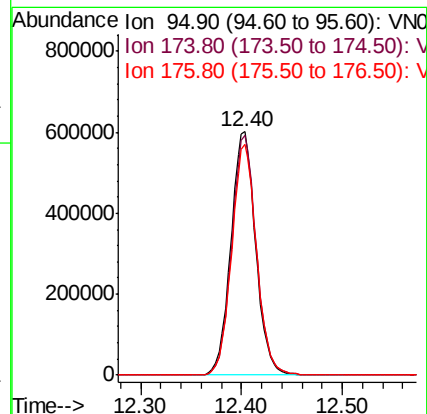
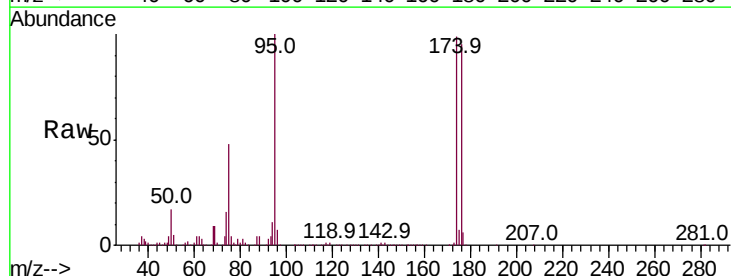
Tgt Ion: 95 Resp: 1029433

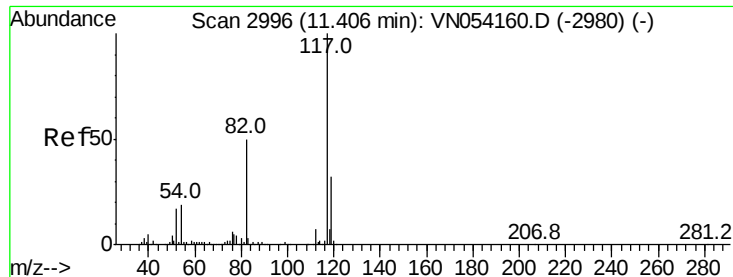
Ion Ratio Lower Upper

95 100

174 98.2 0.0 191.0

176 95.0 0.0 187.4

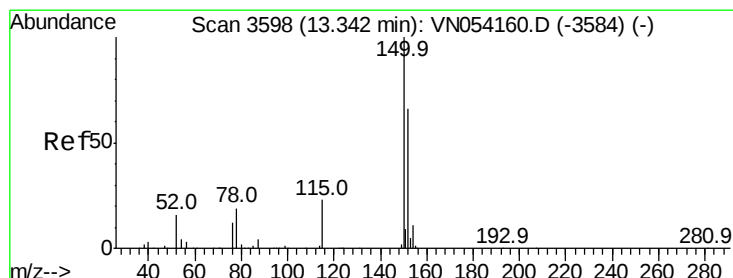
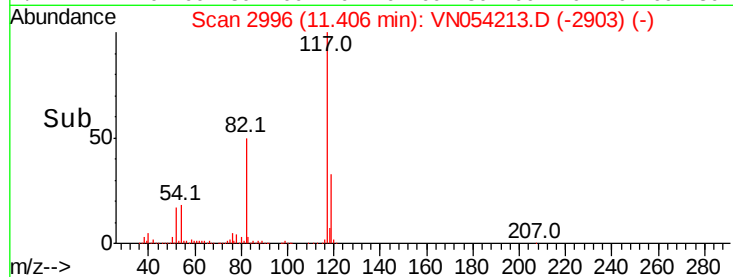
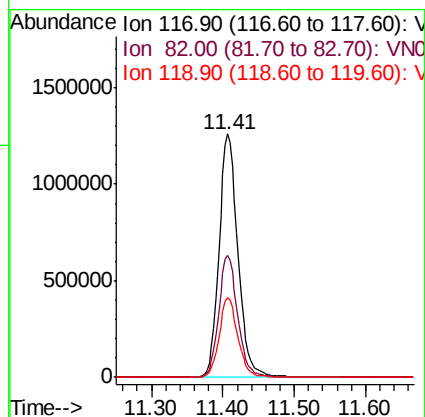
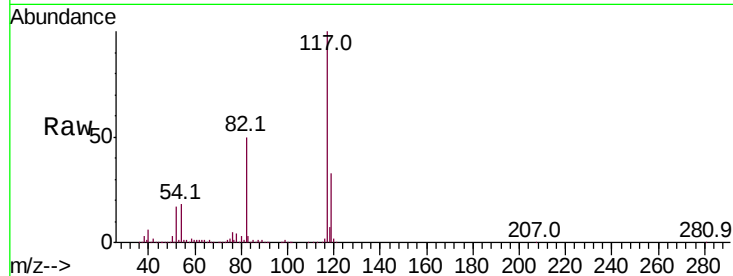




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054213.D
Acq: 13 Mar 2019 15:40

Instrument :
MSVOA_N
ClientSampleId :
C-MW-11_030719

Tot Ion:117 Resp: 2303828
Ion Ratio Lower Upper
117 100
82 50.3 40.0 60.0
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054213.D
Acq: 13 Mar 2019 15:40

Tgt Ion:152 Resp: 946420
Ion Ratio Lower Upper
152 100
115 54.6 27.2 81.6
150 156.8 0.0 349.2

