

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054212.D
 Acq On : 13 Mar 2019 15:14
 Operator : JC/SP
 Sample : K1842-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-MW-06_030719

Quant Time: Mar 14 07:17:13 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	1419587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2319761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2444862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1019660	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	752334	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	7.59	113	712850	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	10.09	98	2893094	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.40	95	1101627	56.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.96%	

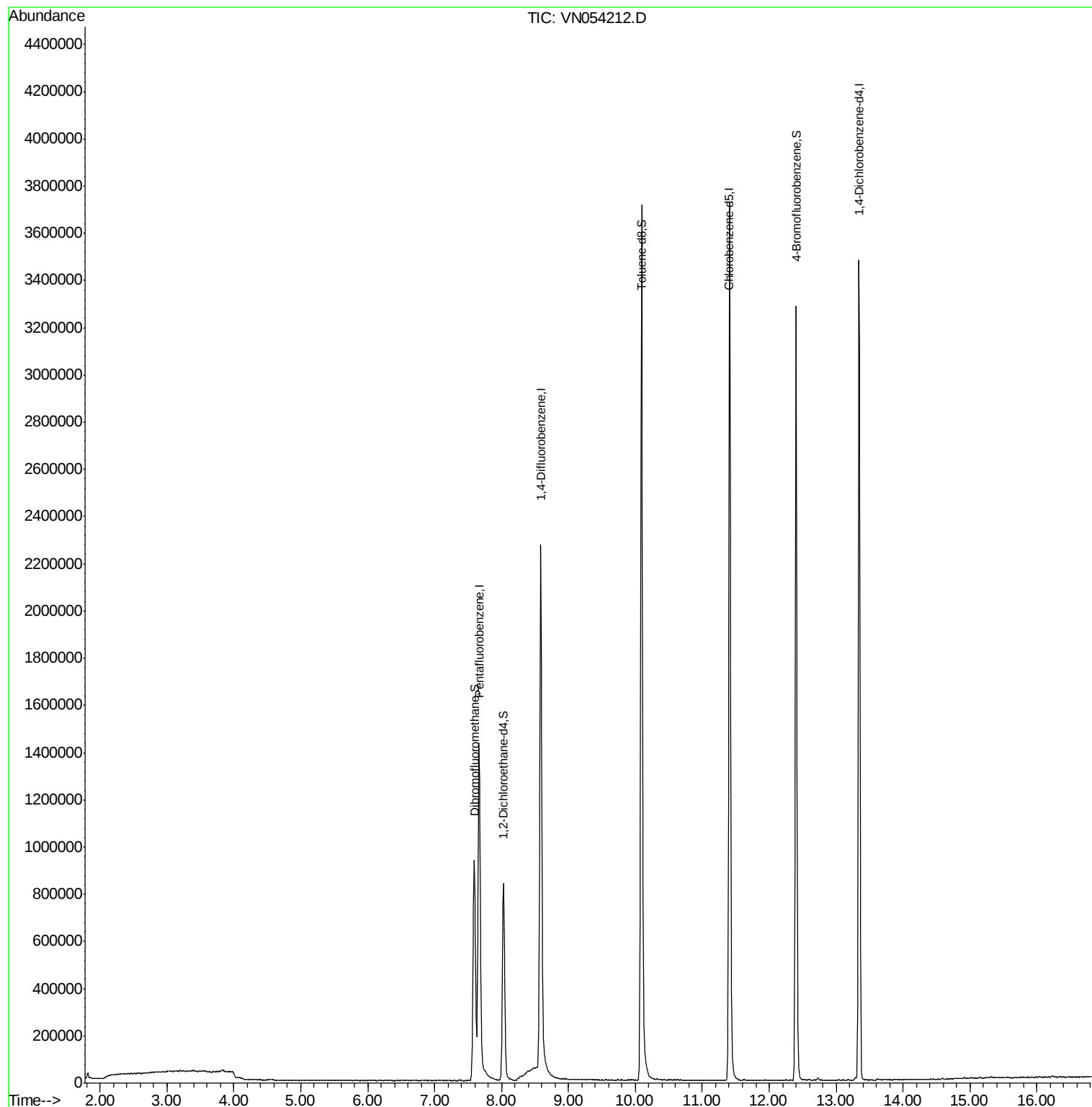
Target Compounds	Qvalue
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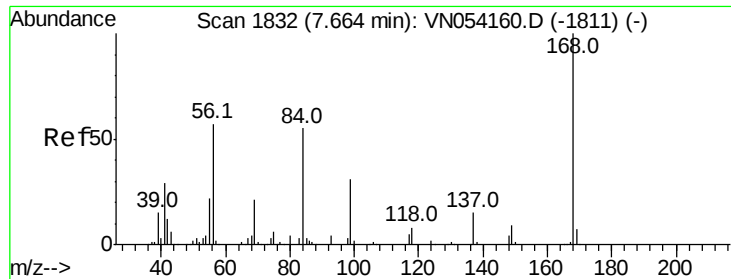
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN054212.D

Acq: 13 Mar 2019 15:14

Instrument :

MSVOA_N

ClientSampleId :

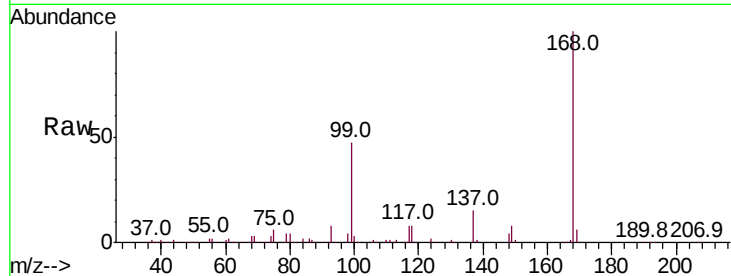
C-MW-06_030719

Tot Ion:168 Resp: 1419587

Ion Ratio Lower Upper

168 100

99 47.3 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

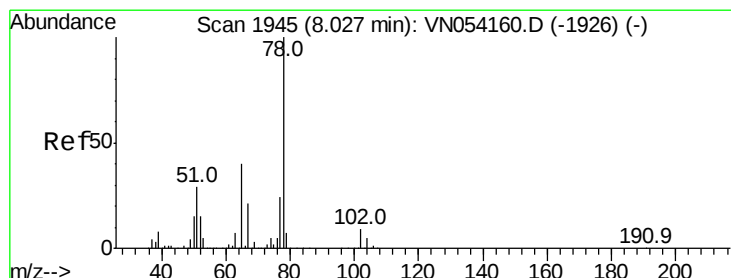
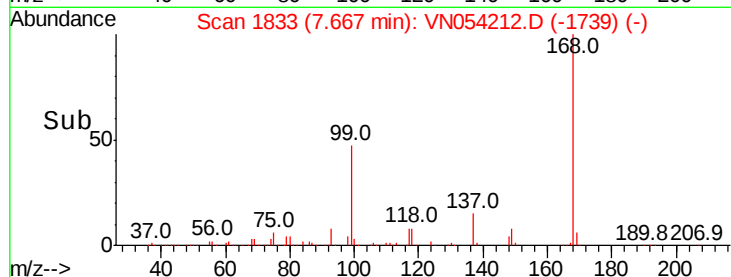
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 49.903 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054212.D

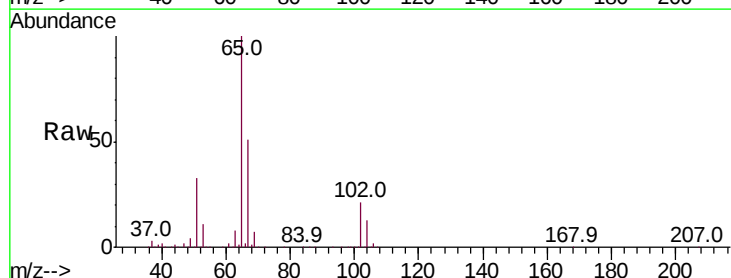
Acq: 13 Mar 2019 15:14

Tgt Ion: 65 Resp: 752334

Ion Ratio Lower Upper

65 100

67 51.5 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

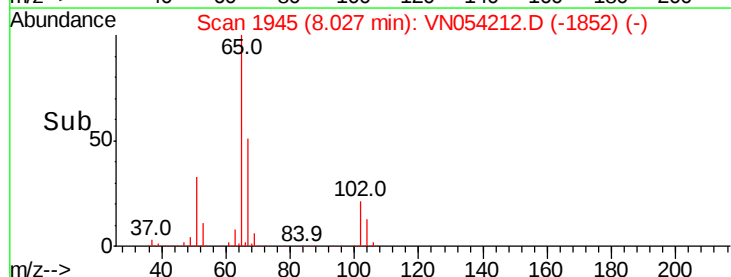
300000

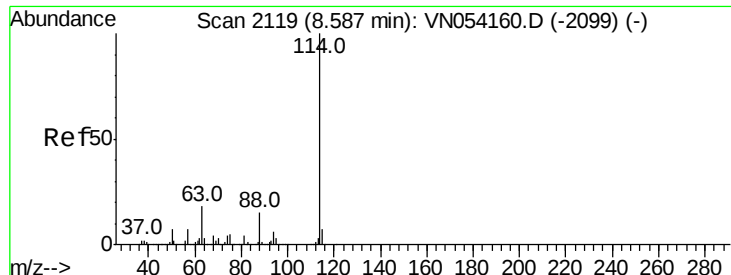
200000

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: VN054212.D

Acq: 13 Mar 2019 15:14

Instrument :

MSVOA_N

ClientSampleId :

C-MW-06_030719

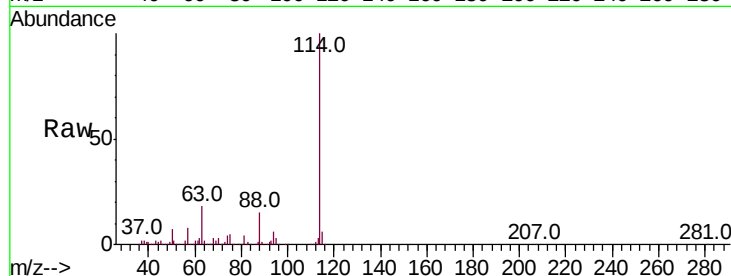
Tot Ion:114 Resp: 2319761

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

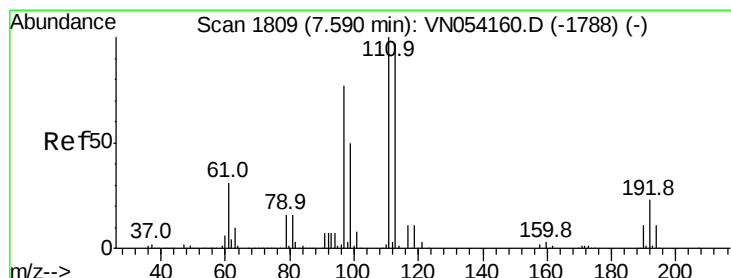
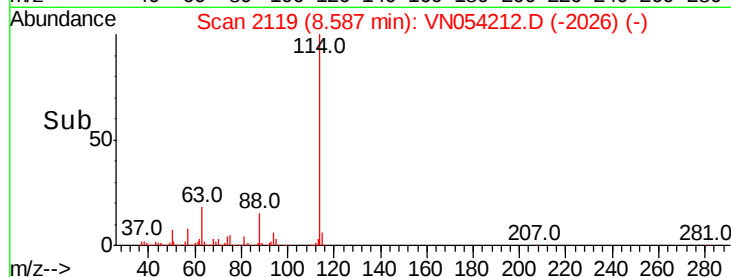
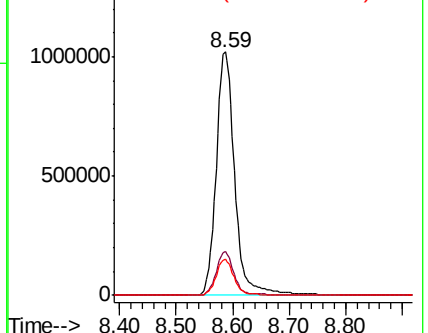
88 14.7 0.0 30.2



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: 47.646 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054212.D

Acq: 13 Mar 2019 15:14

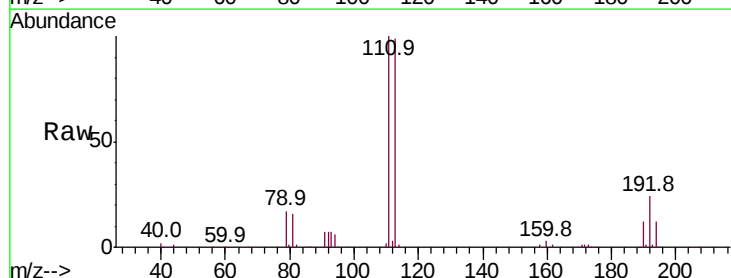
Tgt Ion:113 Resp: 712850

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

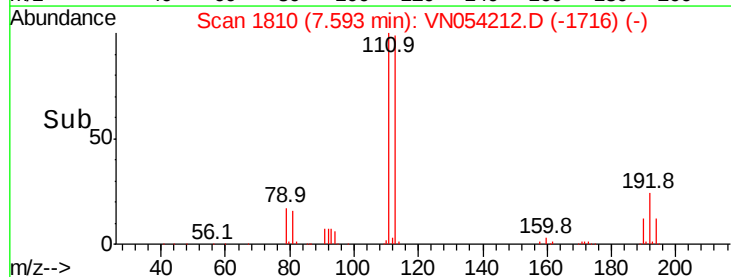
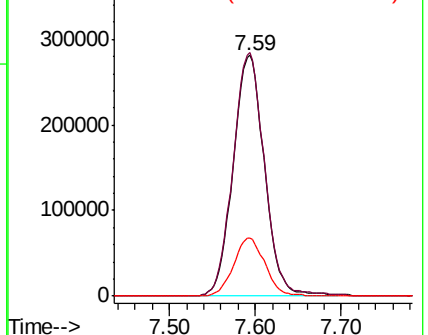
192 24.0 19.2 28.8

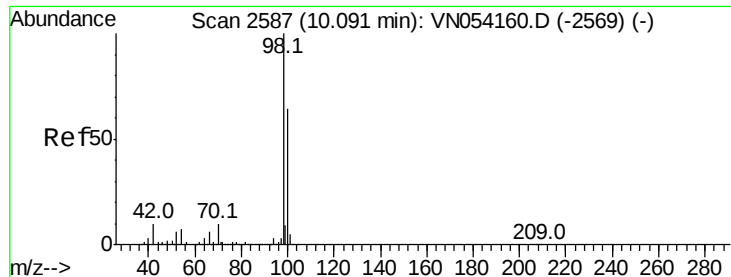


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.359 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054212.D

Acq: 13 Mar 2019 15:14

Instrument :

MSVOA_N

ClientSampleId :

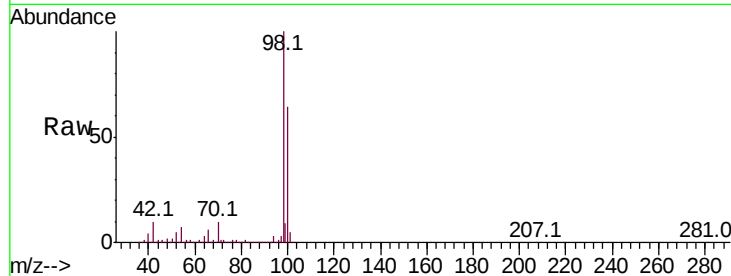
C-MW-06_030719

Tot Ion: 98 Resp: 2893094

Ion Ratio Lower Upper

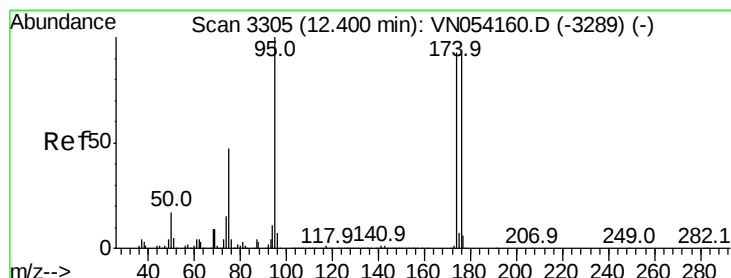
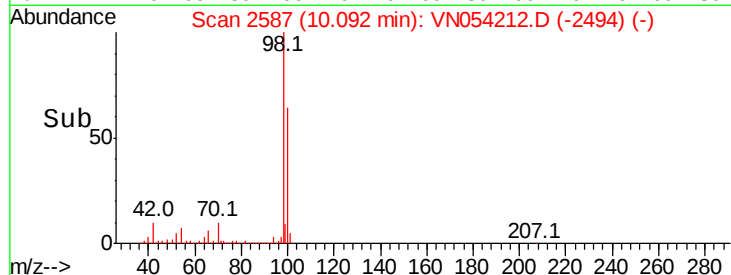
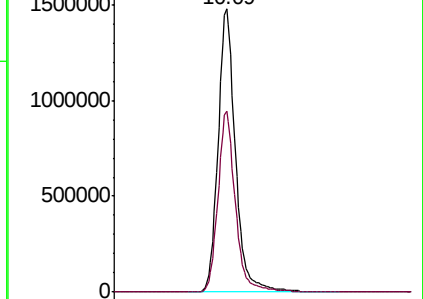
98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 56.979 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054212.D

Acq: 13 Mar 2019 15:14

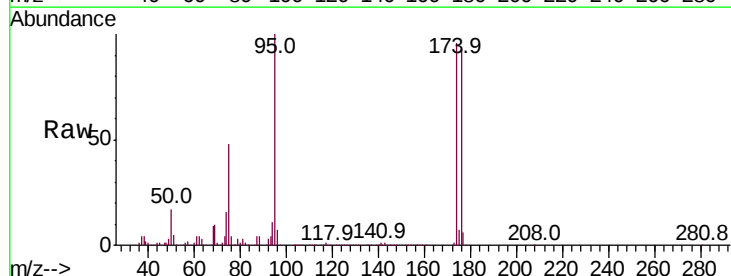
Tgt Ion: 95 Resp: 1101627

Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.0

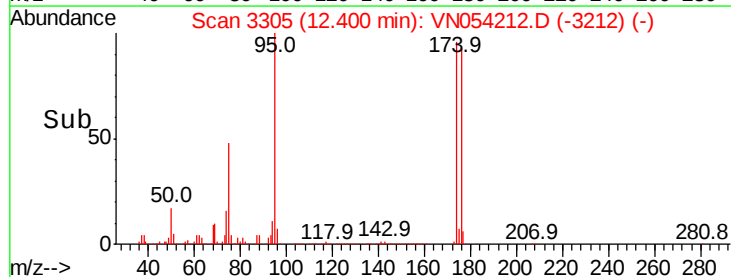
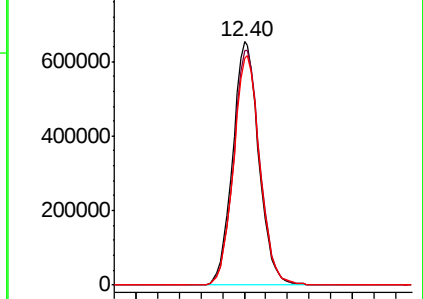
176 95.1 0.0 187.4

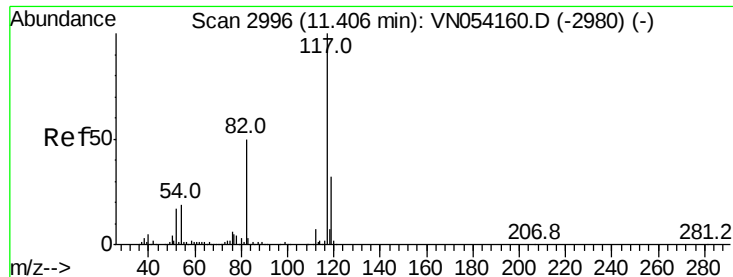


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

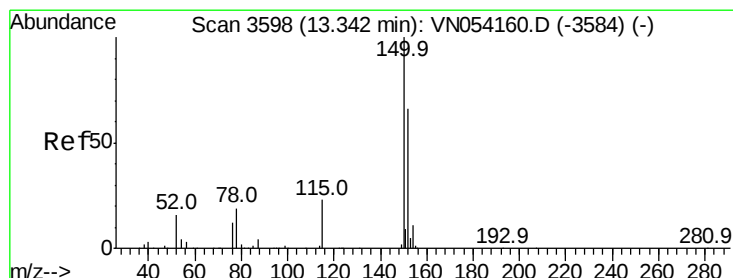
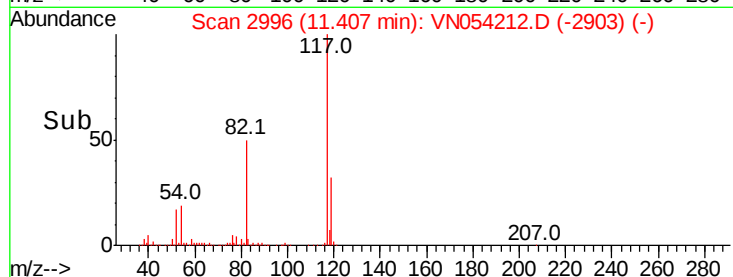
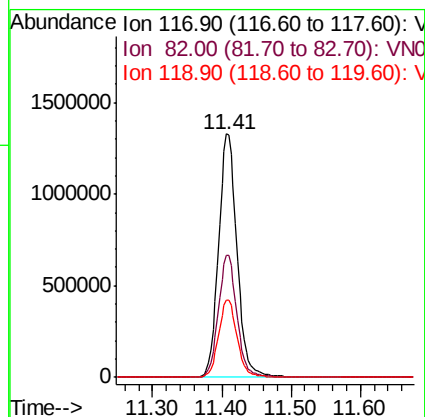
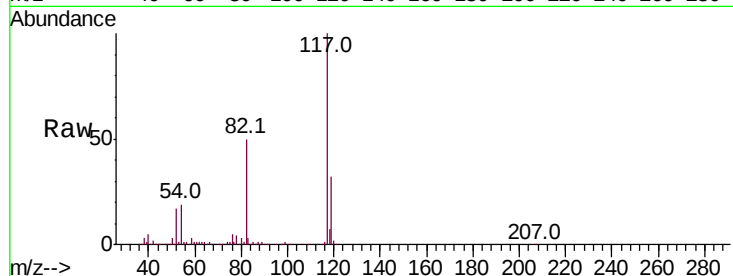




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054212.D
Acq: 13 Mar 2019 15:14

Instrument :
MSVOA_N
ClientSampleId :
C-MW-06_030719

Tot Ion:117 Resp: 2444862
Ion Ratio Lower Upper
117 100
82 50.3 40.0 60.0
119 31.7 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: VN054212.D
Acq: 13 Mar 2019 15:14

Tgt Ion:152 Resp: 1019660
Ion Ratio Lower Upper
152 100
115 54.4 27.2 81.6
150 156.8 0.0 349.2

