

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054211.D
 Acq On : 13 Mar 2019 14:48
 Operator : JC/SP
 Sample : K1842-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-MW-07_030719

Quant Time: Mar 14 07:15:10 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	1416745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2284504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2391029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1020825	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	739072	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
35) Dibromofluoromethane	7.59	113	702476	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
50) Toluene-d8	10.09	98	2873023	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.40	95	1085953	57.04	ug/l	0.00
Spiked Amount			Recovery	=	114.08%	

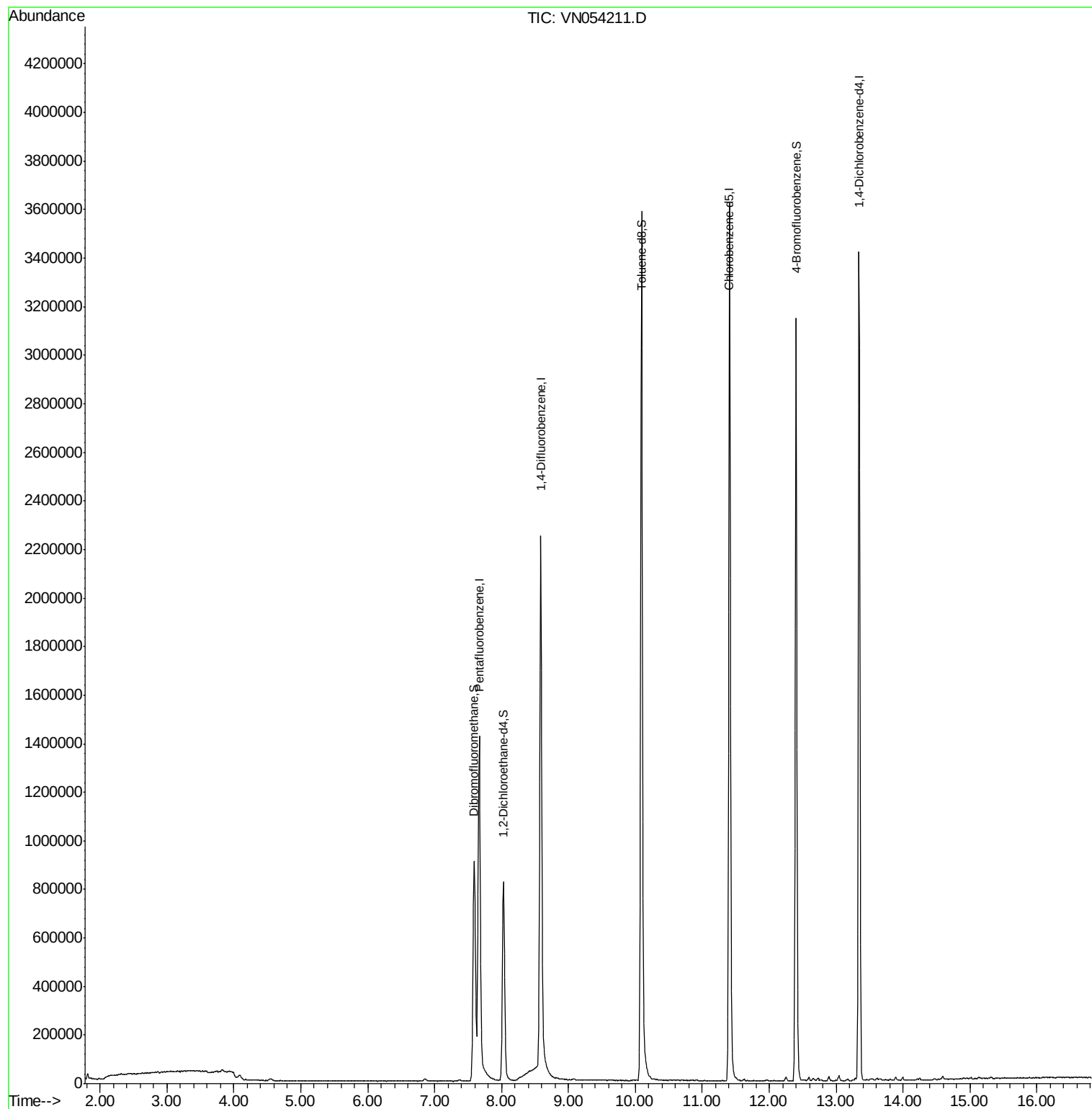
Target Compounds	Qvalue
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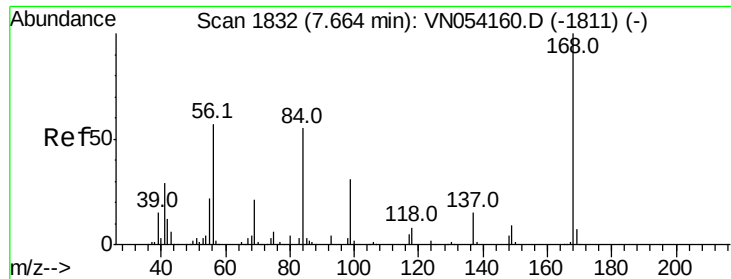
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN054211.D

Acq: 13 Mar 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

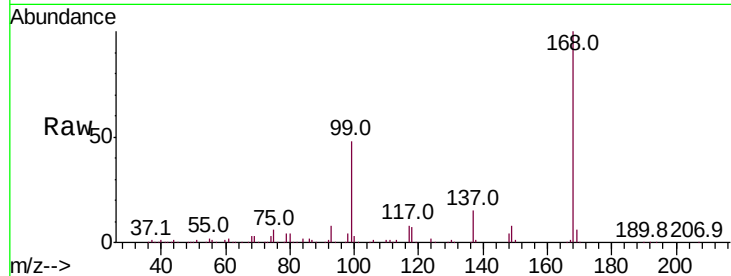
C-MW-07_030719

Tot Ion:168 Resp: 1416745

Ion Ratio Lower Upper

168 100

99 47.6 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

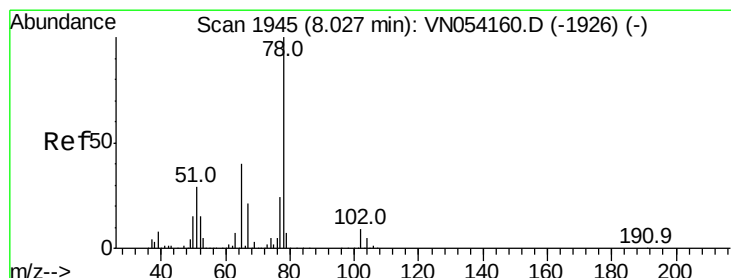
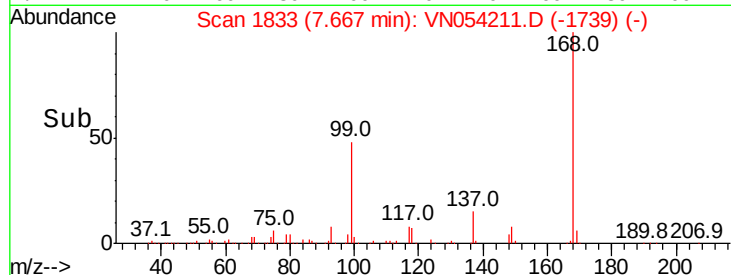
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 49.121 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054211.D

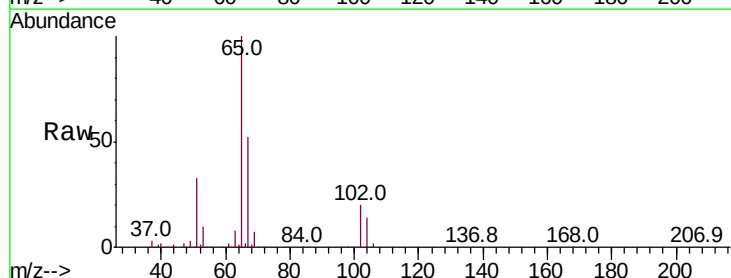
Acq: 13 Mar 2019 14:48

Tgt Ion: 65 Resp: 739072

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

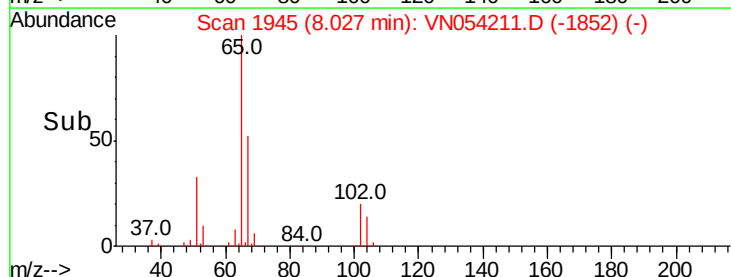
300000

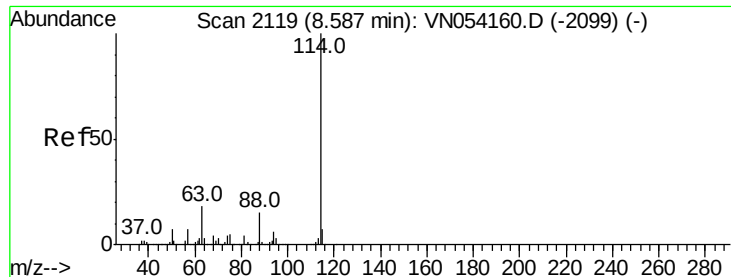
200000

100000

0

Time--> 7.90 8.00 8.10 8.20

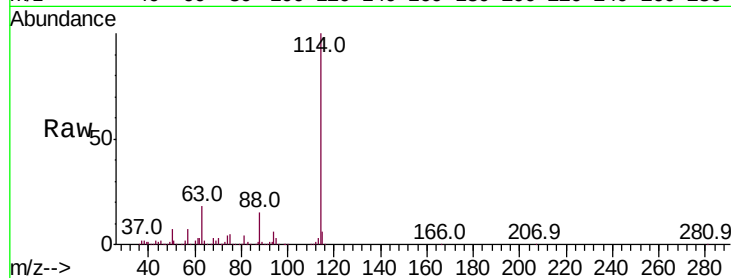




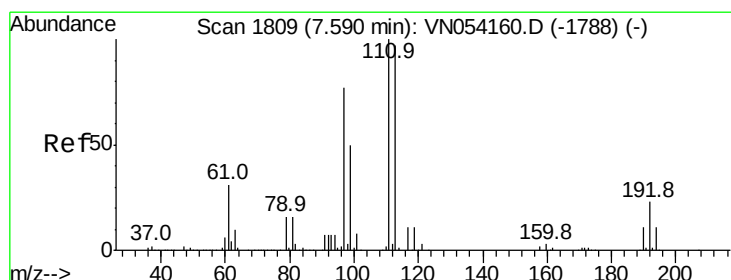
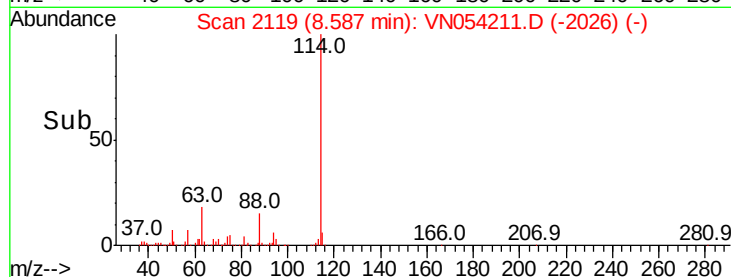
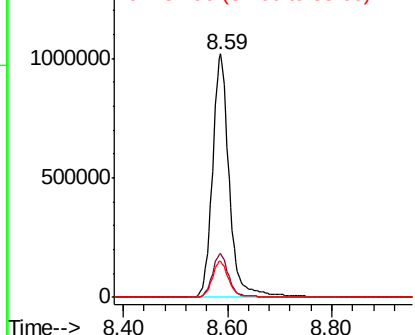
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054211.D
 Acq: 13 Mar 2019 14:48

Instrument :
 MSVOA_N
 ClientSampleId :
 C-MW-07_030719

Tot Ion:114 Resp: 2284504
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 14.7 0.0 30.2

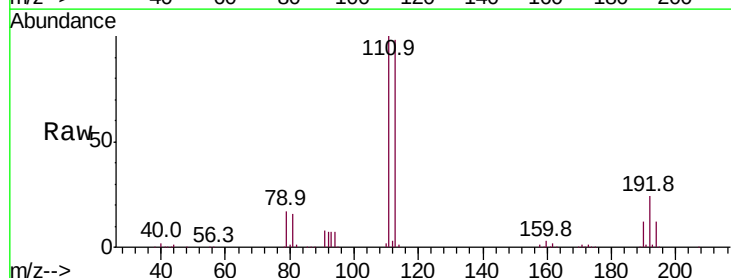


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

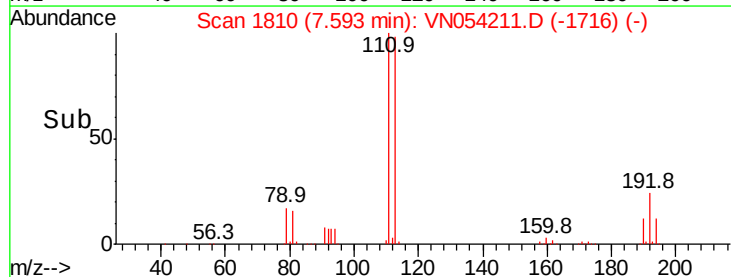
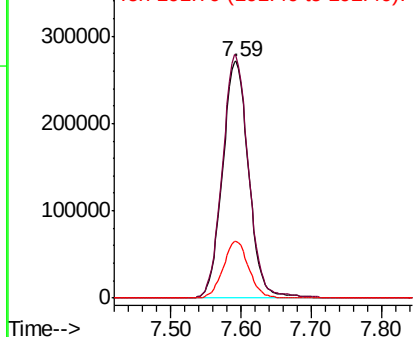


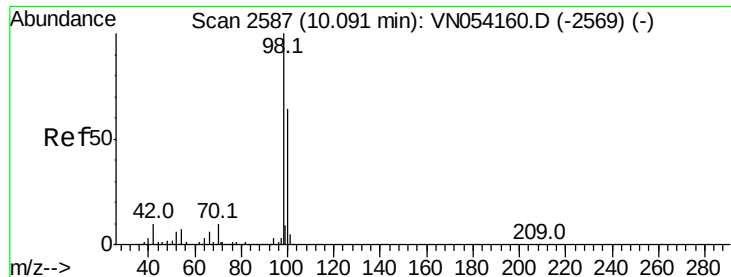
#35
 Dibromofluoromethane
 Concen: 47.677 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054211.D
 Acq: 13 Mar 2019 14:48

Tgt Ion:113 Resp: 702476
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 23.5 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: 52.798 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054211.D

Acq: 13 Mar 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

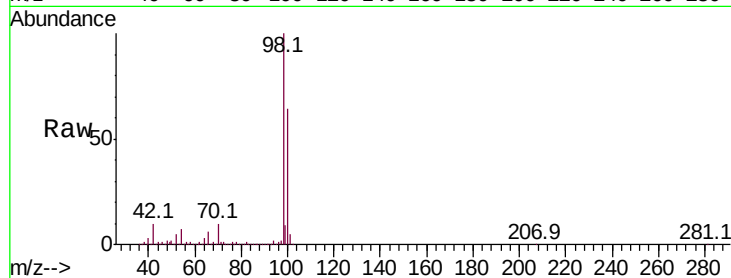
C-MW-07_030719

Tot Ion: 98 Resp: 2873023

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

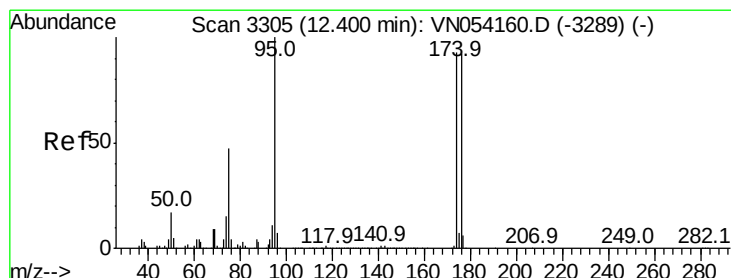
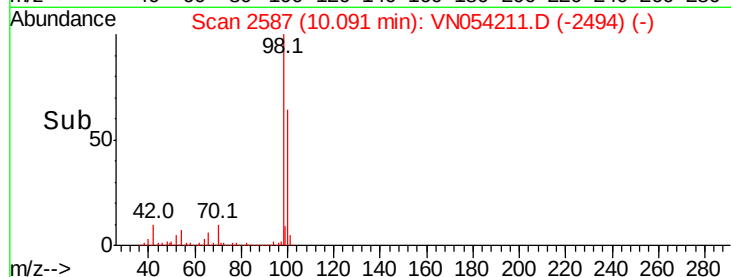
1000000

500000

0

10.00 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 57.036 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054211.D

Acq: 13 Mar 2019 14:48

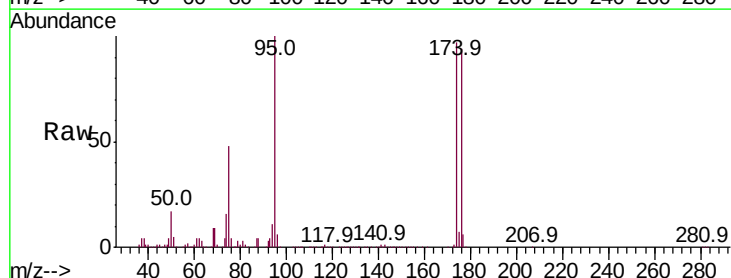
Tgt Ion: 95 Resp: 1085953

Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.0

176 94.3 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

800000

600000

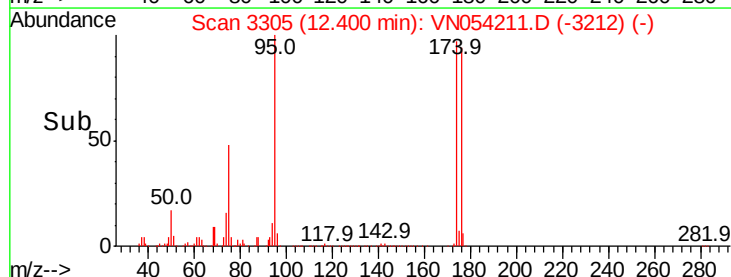
400000

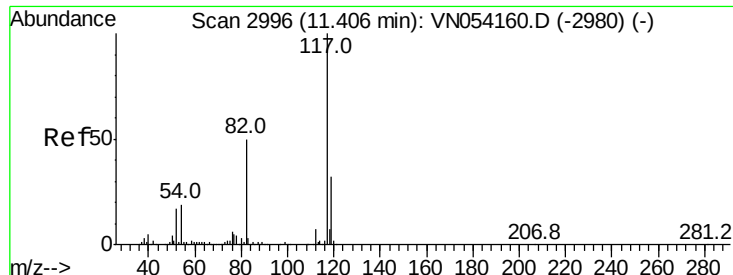
200000

0

12.30 12.40 12.50

Time-->

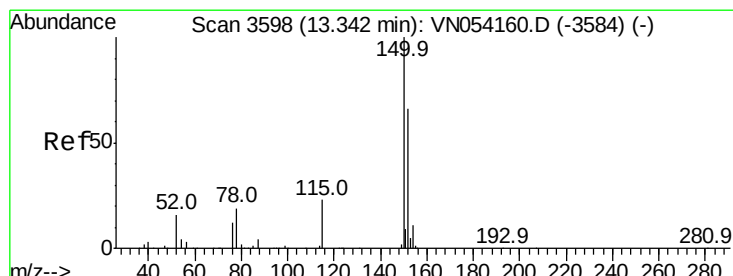
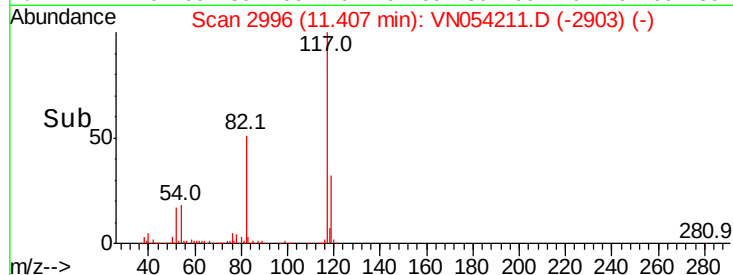
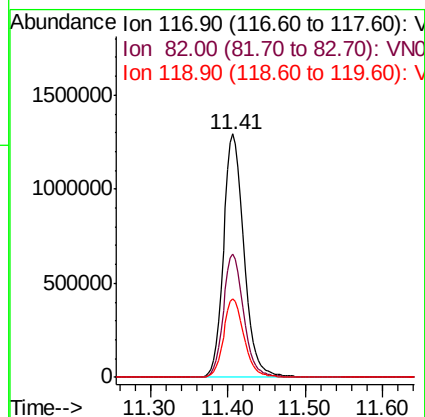
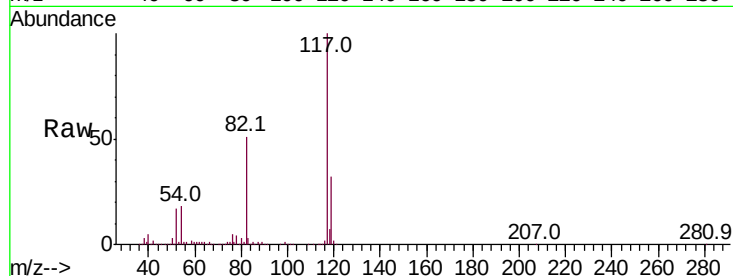




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054211.D
Acq: 13 Mar 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :
C-MW-07_030719

Tot Ion:117 Resp: 2391029
Ion Ratio Lower Upper
117 100
82 50.7 40.0 60.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054211.D
Acq: 13 Mar 2019 14:48

Tgt Ion:152 Resp: 1020825
Ion Ratio Lower Upper
152 100
115 54.2 27.2 81.6
150 155.5 0.0 349.2

