

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054218.D
 Acq On : 13 Mar 2019 17:52
 Operator : JC/SP
 Sample : K1842-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PR-MW-03_030819

Quant Time: Mar 14 07:36:37 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	1431706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2298187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2378771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	971731	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	745360	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	7.59	113	708252	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	10.09	98	2885466	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.40	95	1063693	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	

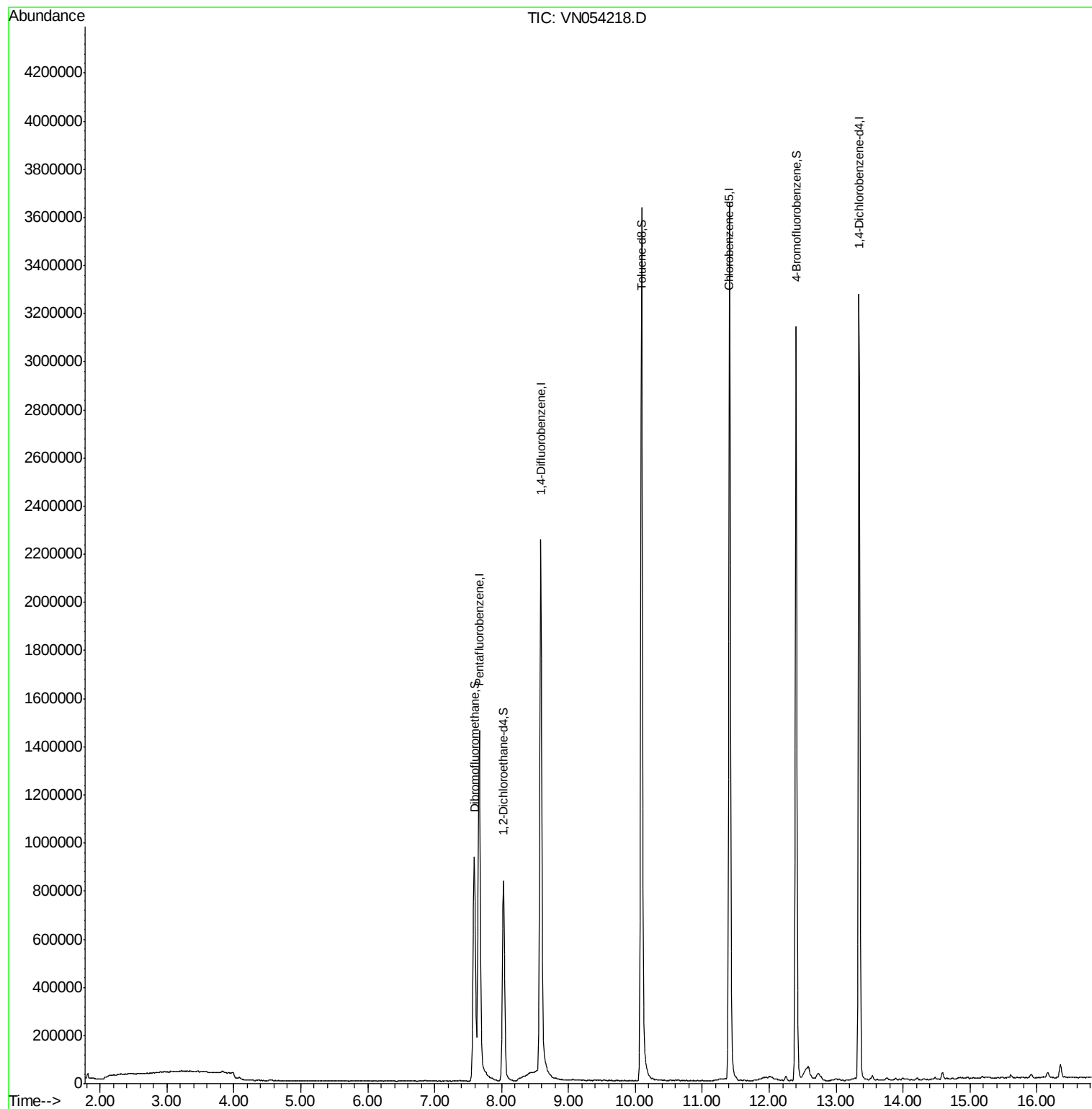
Target Compounds	Qvalue
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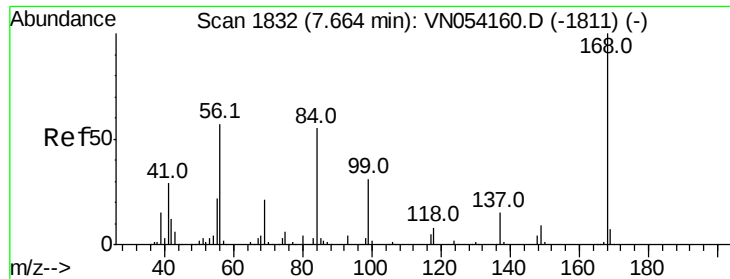
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054218.D

Acq: 13 Mar 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

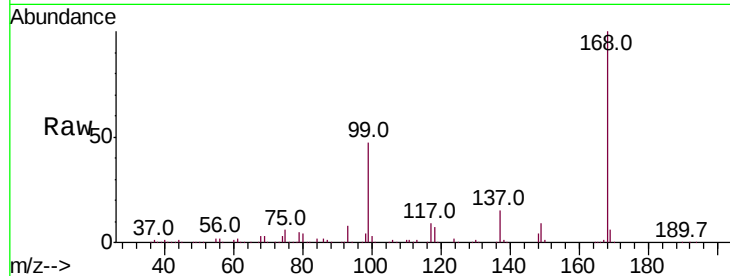
PR-MW-03_030819

Tot Ion:168 Resp: 1431706

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

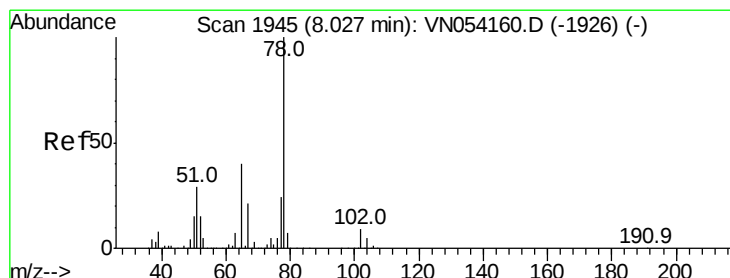
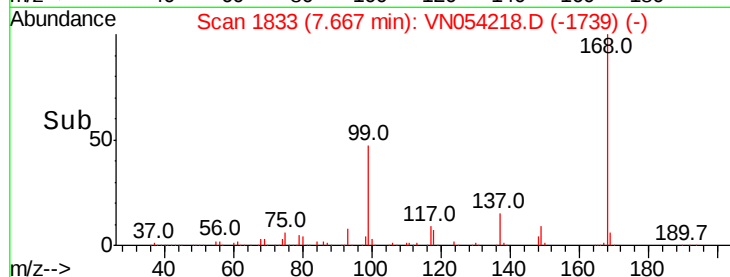
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 49.021 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054218.D

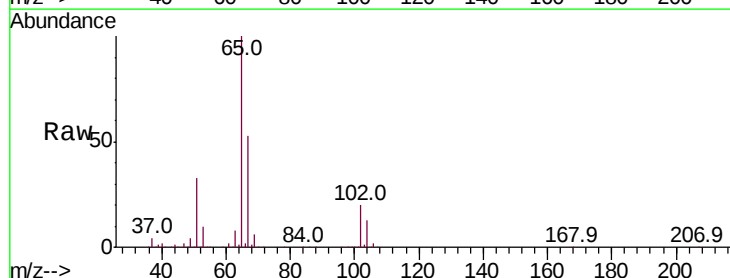
Acq: 13 Mar 2019 17:52

Tgt Ion: 65 Resp: 745360

Ion Ratio Lower Upper

65 100

67 52.8 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

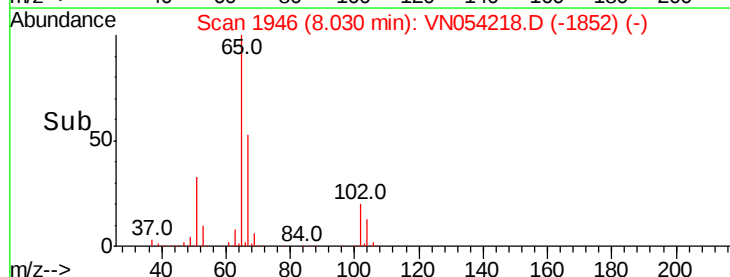
300000

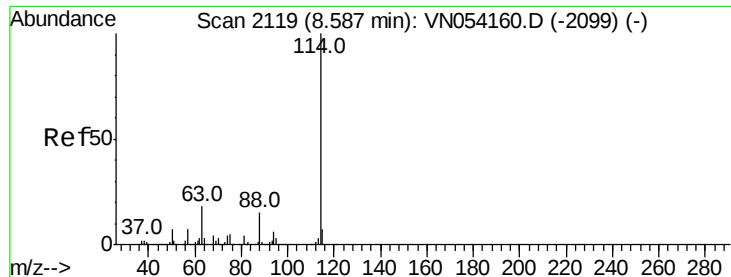
200000

100000

0

Time--> 7.90 8.00 8.10 8.20



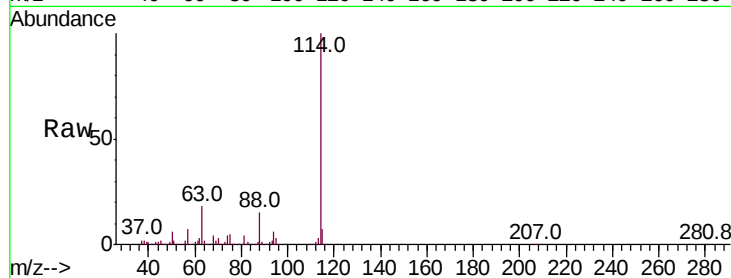


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054218.D
 Acq: 13 Mar 2019 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PR-MW-03_030819

Tot Ion:114 Resp: 2298187

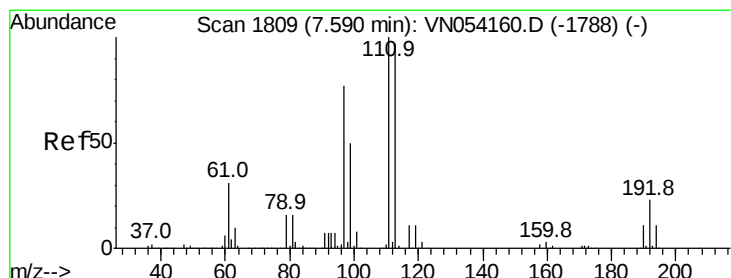
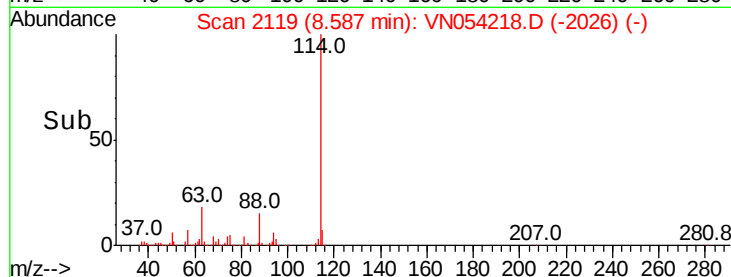
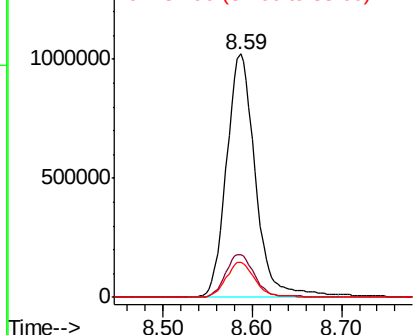
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.2
88	14.5	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

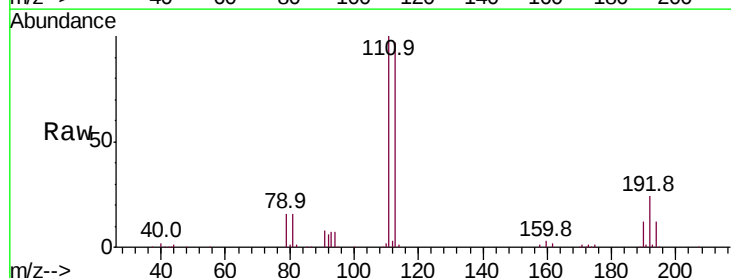
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 47.783 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054218.D
 Acq: 13 Mar 2019 17:52

Tgt Ion:113 Resp: 708252

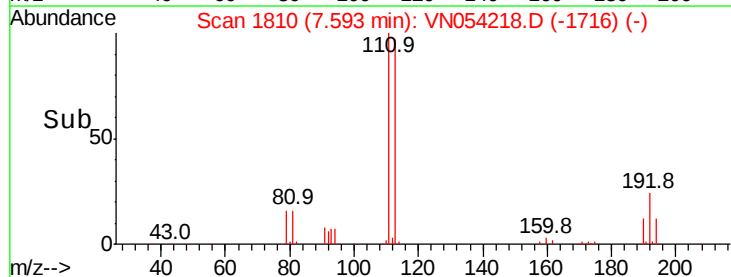
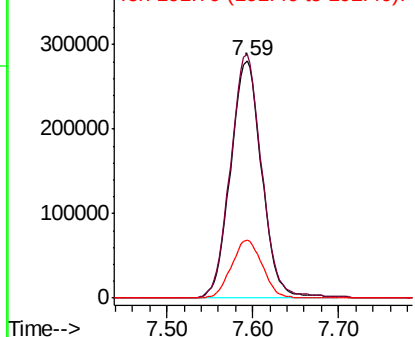
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	24.2	19.2	28.8

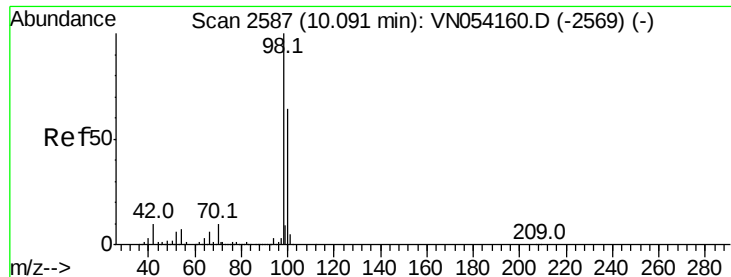


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.711 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054218.D

Acq: 13 Mar 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

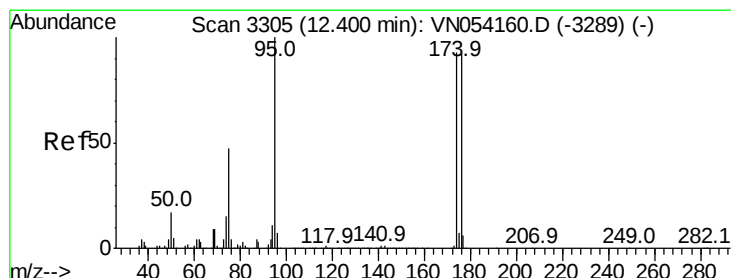
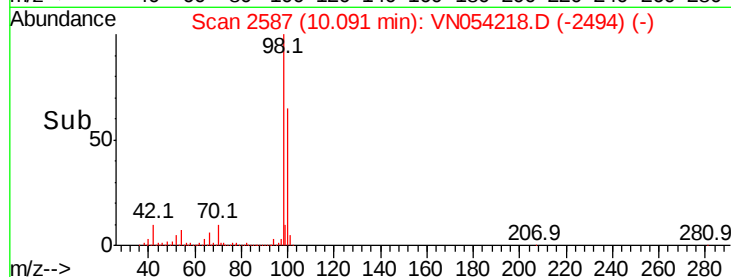
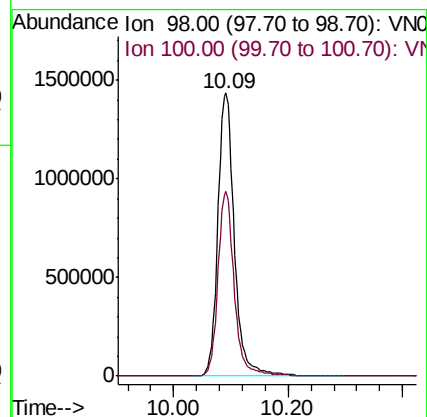
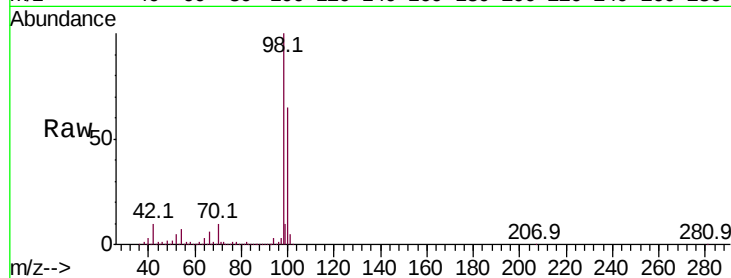
PR-MW-03_030819

Tot Ion: 98 Resp: 2885466

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 55.534 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054218.D

Acq: 13 Mar 2019 17:52

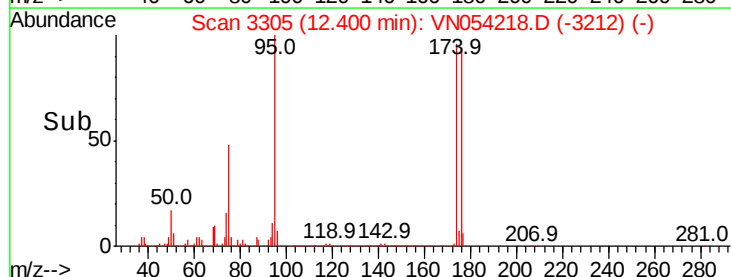
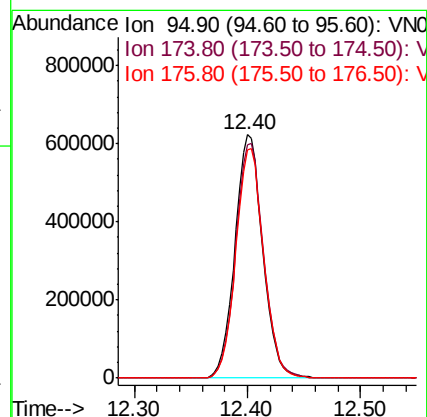
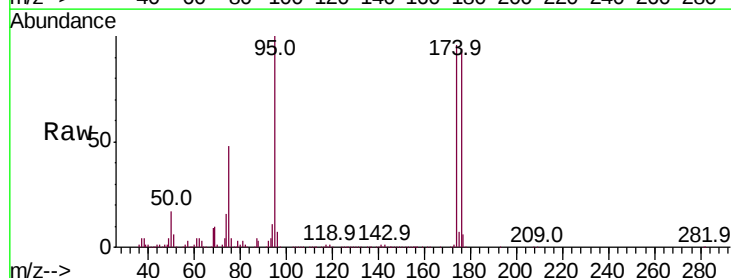
Tgt Ion: 95 Resp: 1063693

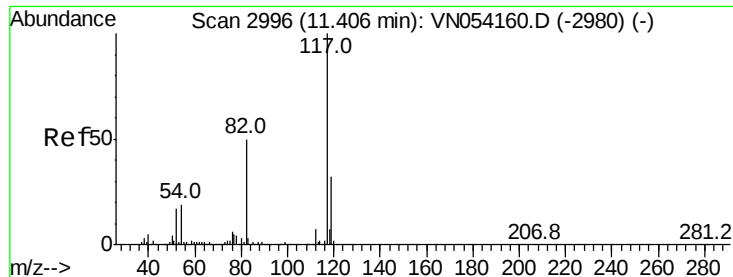
Ion Ratio Lower Upper

95 100

174 97.1 0.0 191.0

176 94.5 0.0 187.4

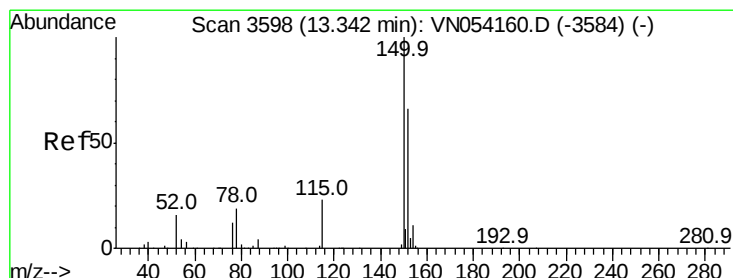
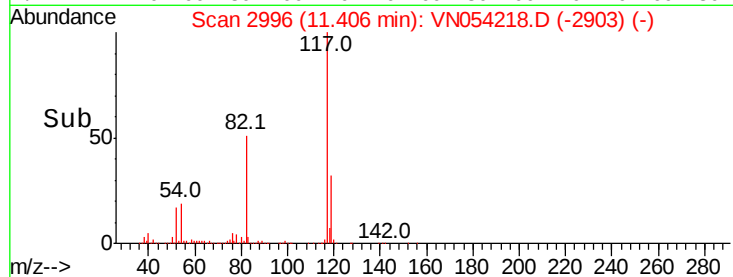
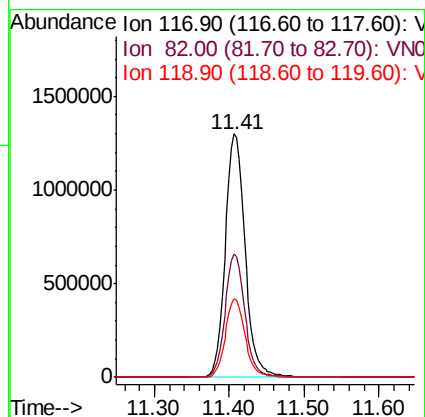
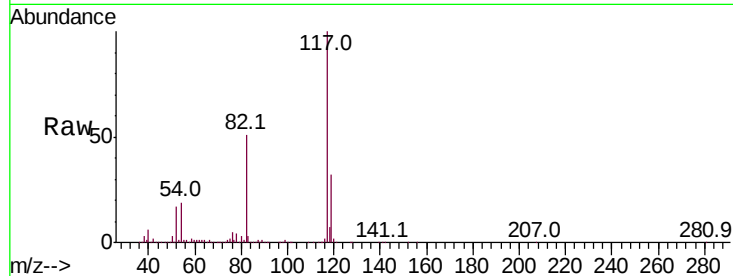




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054218.D
Acq: 13 Mar 2019 17:52

Instrument :
MSVOA_N
ClientSampleId :
PR-MW-03_030819

Tot Ion:117 Resp: 2378771
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: VN054218.D
Acq: 13 Mar 2019 17:52

Tgt Ion:152 Resp: 971731
Ion Ratio Lower Upper
152 100
115 55.0 27.2 81.6
150 156.3 0.0 349.2

