

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056178.D
 Acq On : 10 Jun 2019 18:43
 Operator : JC/SP
 Sample : K3280-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190608

Quant Time: Jun 11 04:24:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	306443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	467291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	463205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	163960	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
35) Dibromofluoromethane	7.59	113	150828	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	10.09	98	598331	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
62) 4-Bromofluorobenzene	12.40	95	192634	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

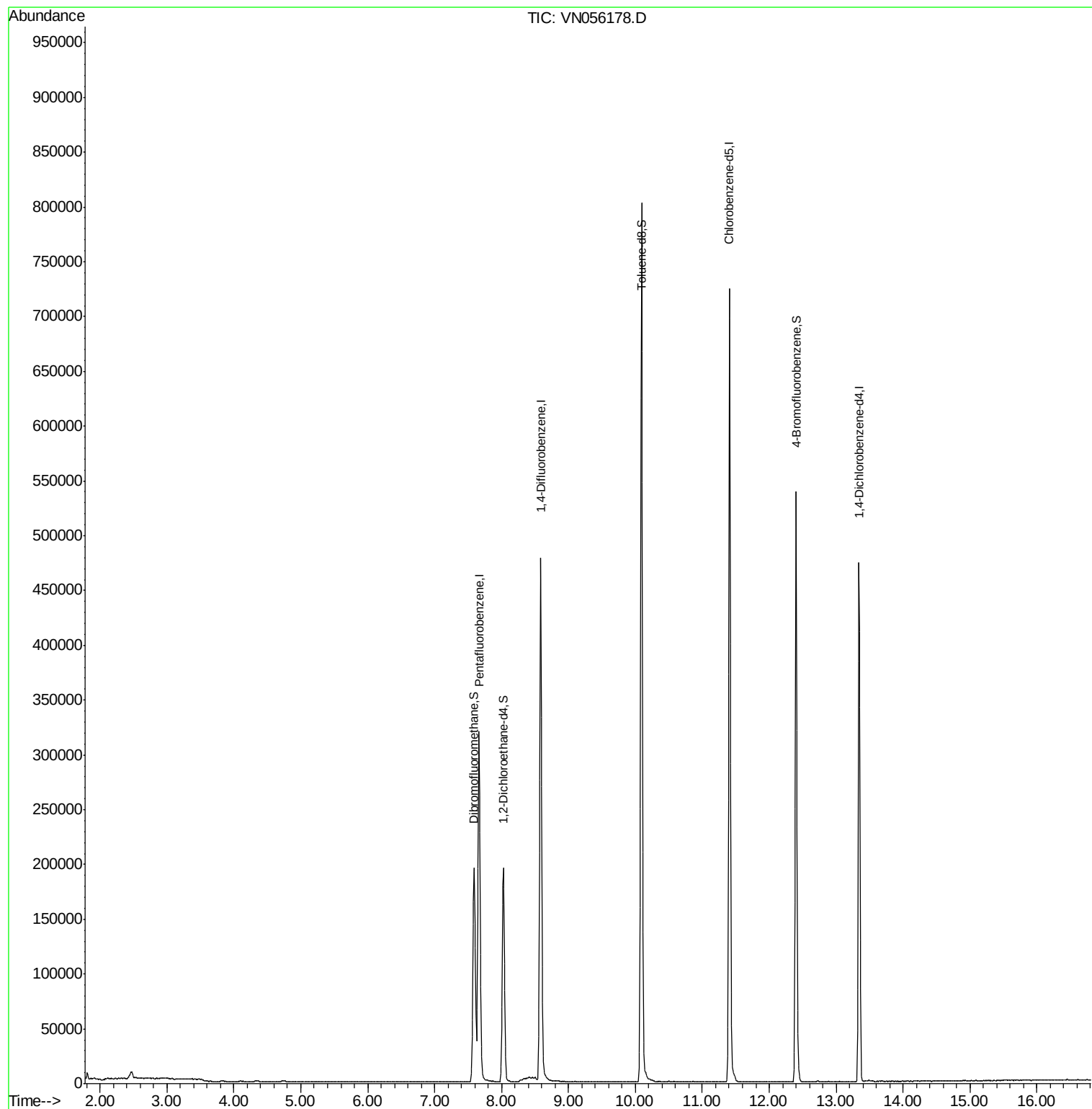
Target Compounds	Qvalue

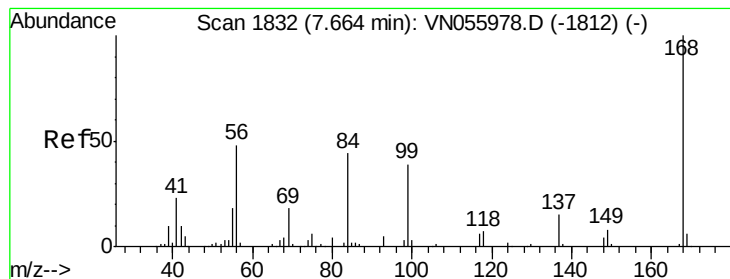
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061019\
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QLast Update : Tue Jun 04 11:02:09 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056178.D

Acq: 10 Jun 2019 18:43

Instrument :

MSVOA_N

ClientSampleId :

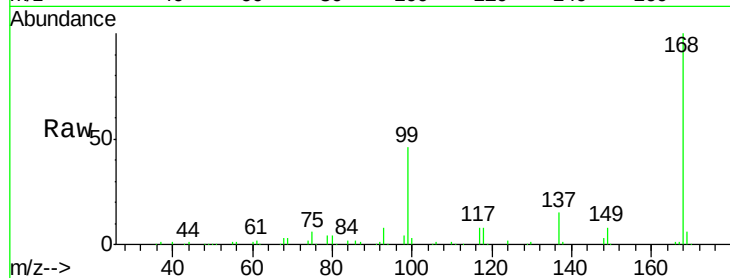
BP-MH-SW4001-SOUTH-20190608

Tot Ion:168 Resp: 306443

Ion Ratio Lower Upper

168 100

99 45.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

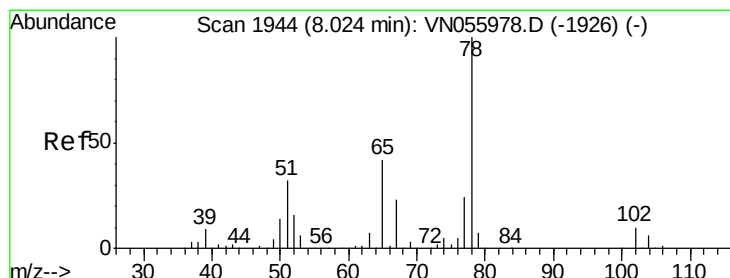
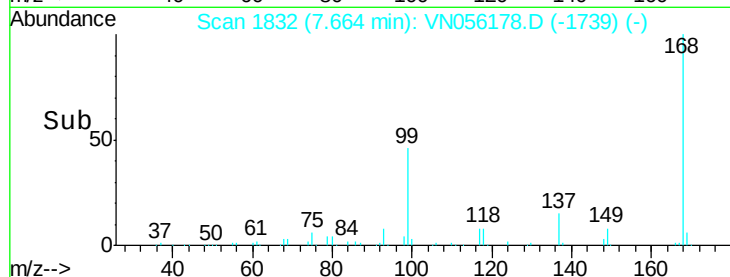
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 53.886 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056178.D

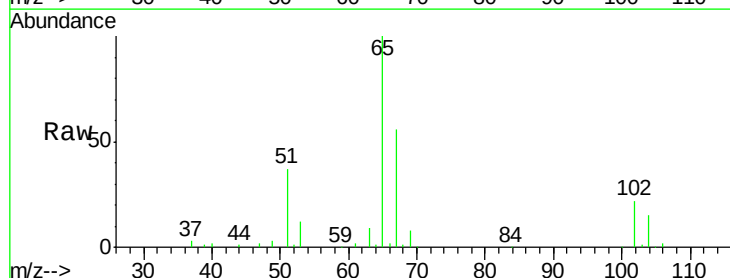
Acq: 10 Jun 2019 18:43

Tgt Ion: 65 Resp: 163960

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

8.03

80000

60000

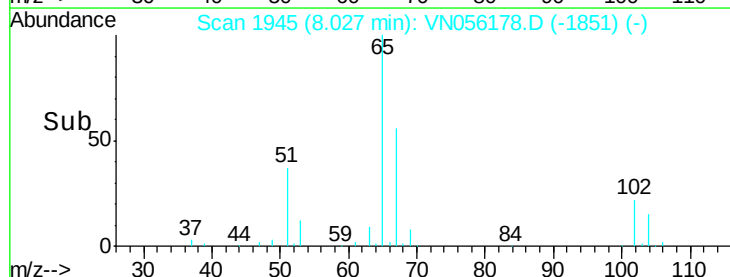
40000

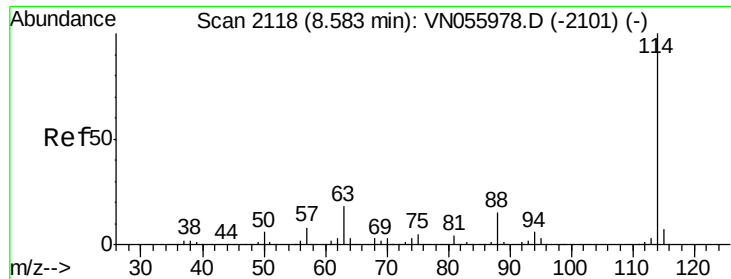
20000

0

Time-->

7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056178.D

Acq: 10 Jun 2019 18:43

Instrument :

MSVOA_N

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608

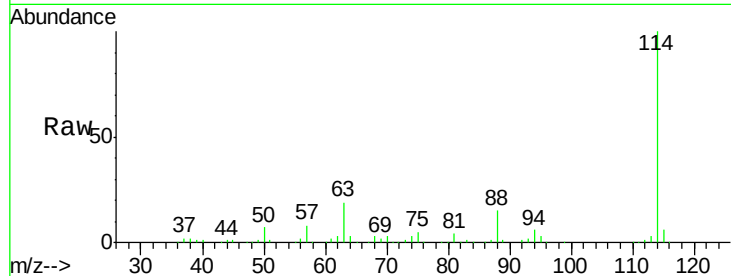
Tot Ion:114 Resp: 467291

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.2

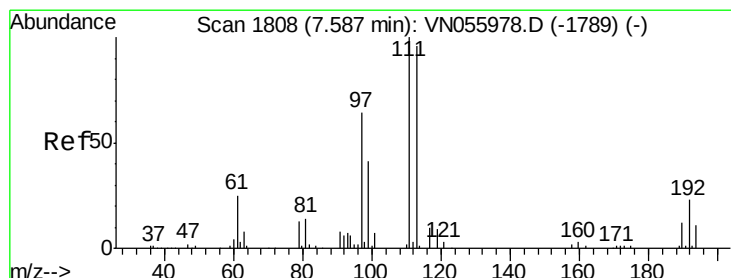
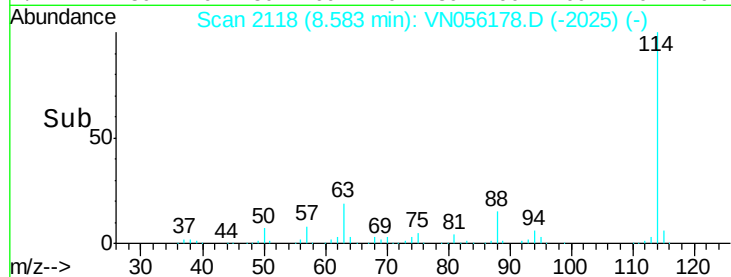
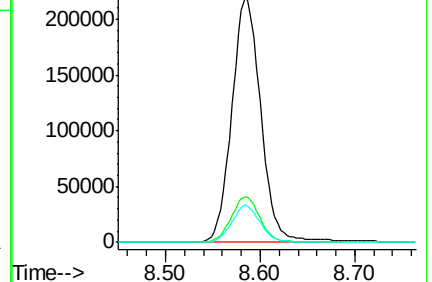
88 15.2 0.0 31.0



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: 52.609 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056178.D

Acq: 10 Jun 2019 18:43

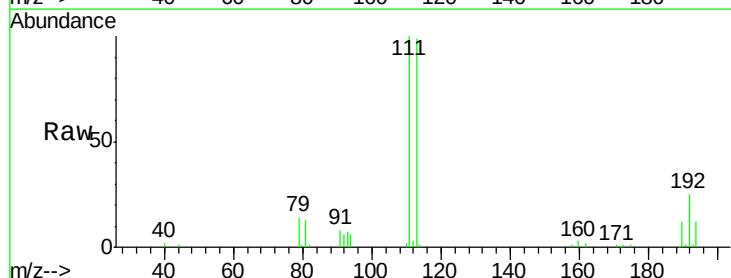
Tgt Ion:113 Resp: 150828

Ion Ratio Lower Upper

113 100

111 101.3 81.9 122.9

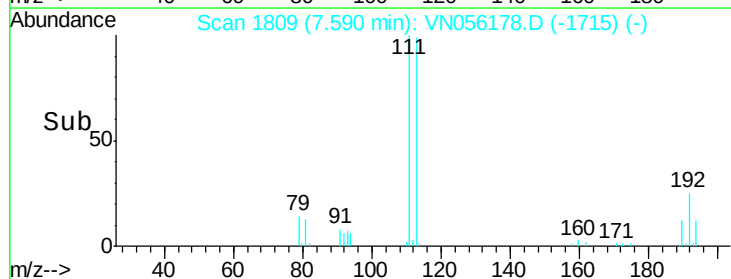
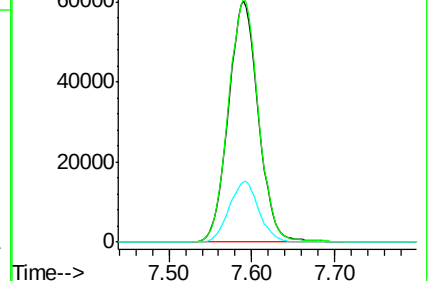
192 24.9 19.5 29.3

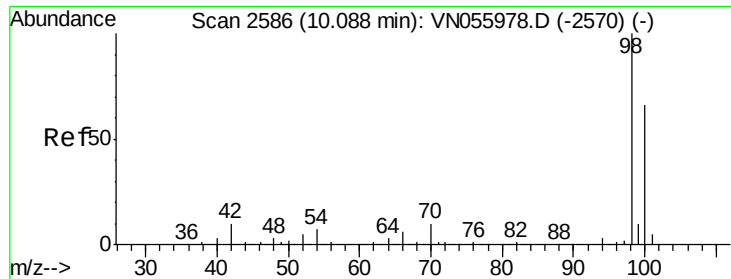


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.235 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056178.D

Acq: 10 Jun 2019 18:43

Instrument :

MSVOA_N

ClientSampleId :

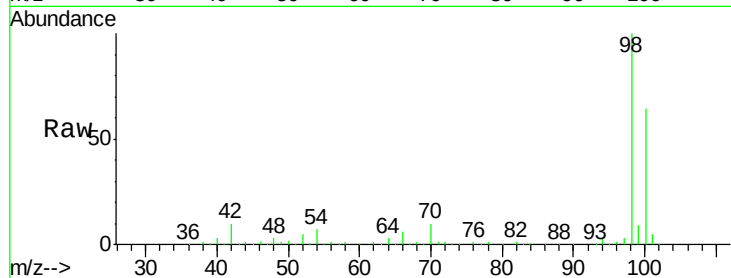
BP-MH-SW4001-SOUTH-20190608

Tot Ion: 98 Resp: 598331

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

300000

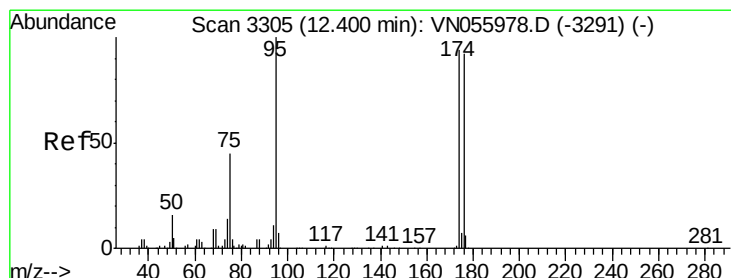
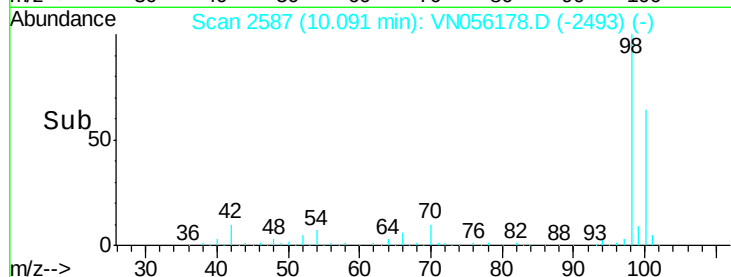
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 51.345 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056178.D

Acq: 10 Jun 2019 18:43

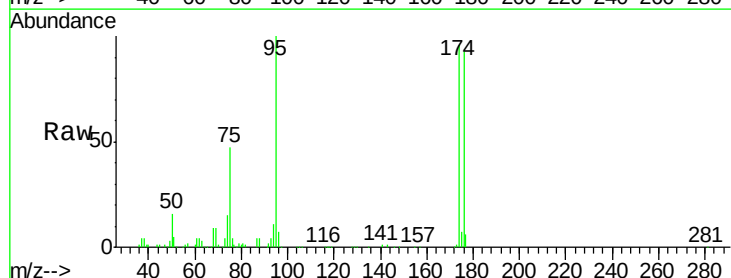
Tgt Ion: 95 Resp: 192634

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

176 94.3 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40

150000

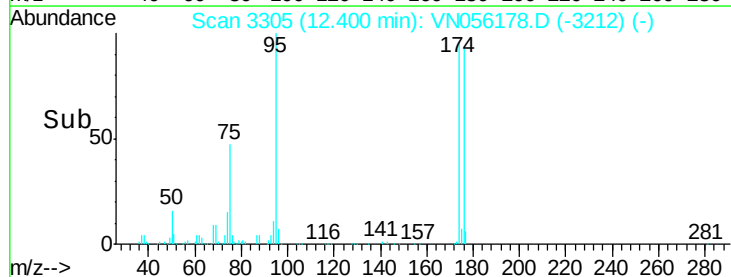
100000

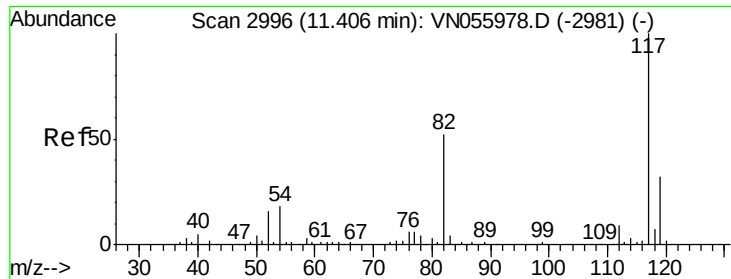
50000

0

Time-->

12.30 12.40 12.50

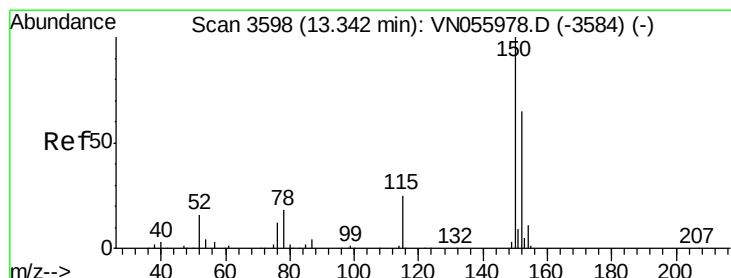
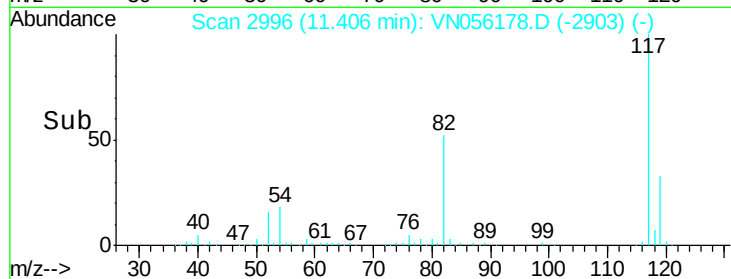
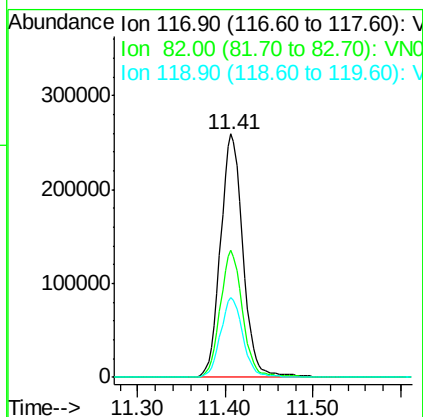
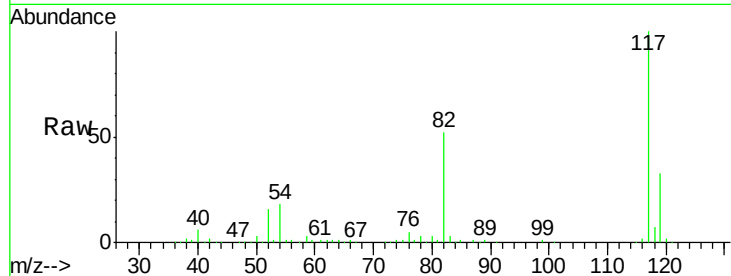




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056178.D
Acq: 10 Jun 2019 18:43

Instrument :
MSVOA_N
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608

Tot Ion:117 Resp: 463205
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056178.D
Acq: 10 Jun 2019 18:43

Tgt Ion:152 Resp: 145394
Ion Ratio Lower Upper
152 100
115 51.6 27.0 81.0
150 157.1 0.0 343.2

