

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056069.D
 Acq On : 7 Jun 2019 1:48
 Operator : JC/SP
 Sample : K3190-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW30411-20190604

Quant Time: Jun 07 07:02:45 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	324544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	493291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	461218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142035	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	169707	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
35) Dibromofluoromethane	7.59	113	147075	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	10.09	98	611918	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.40	95	185499	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	

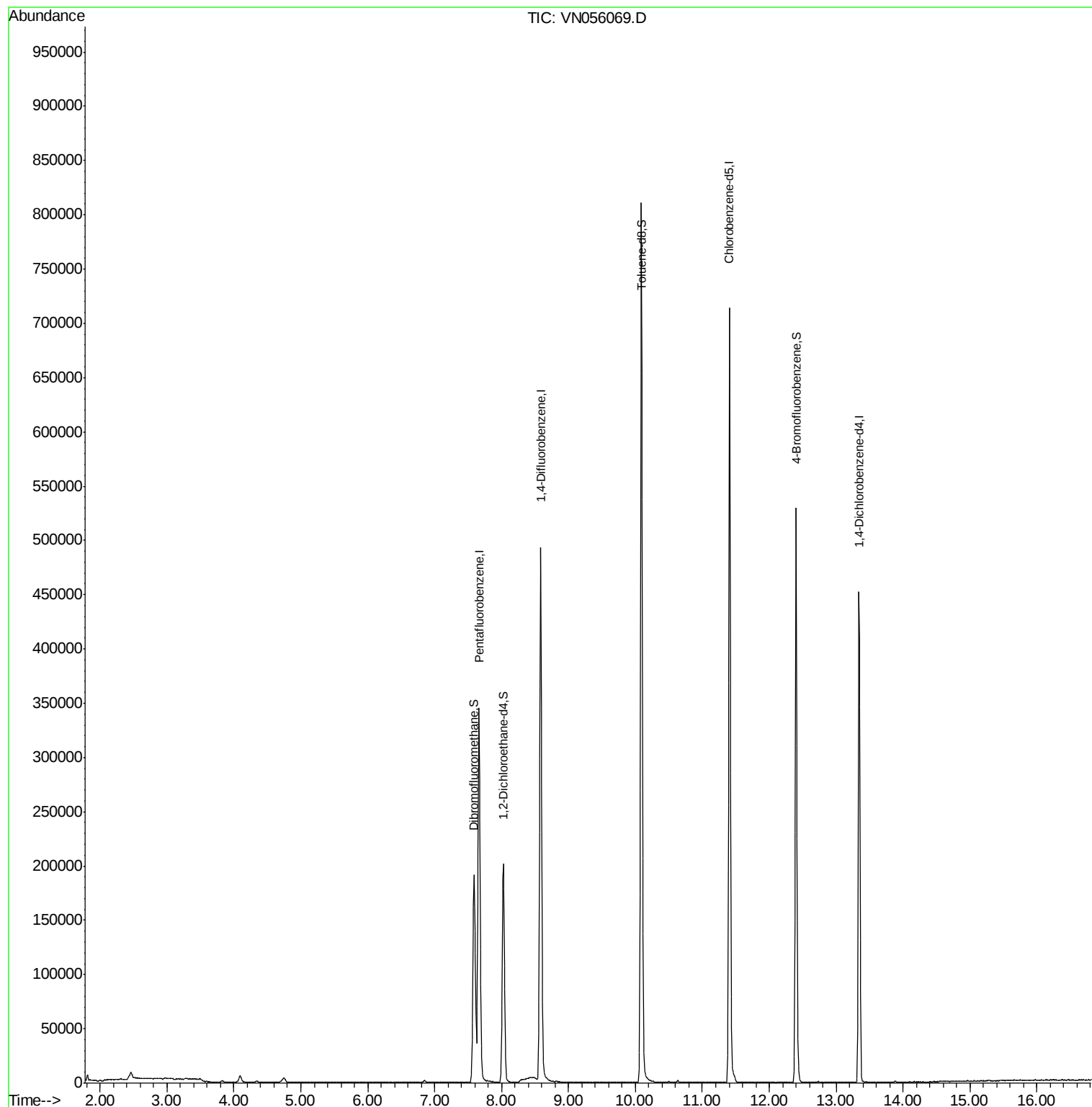
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BPS1-TT-MW304I1-20190604

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056069.D

Acq: 7 Jun 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

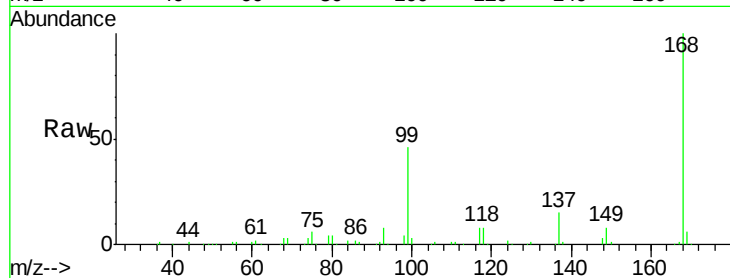
BPS1-TT-MW30411-20190604

Tot Ion:168 Resp: 324544

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

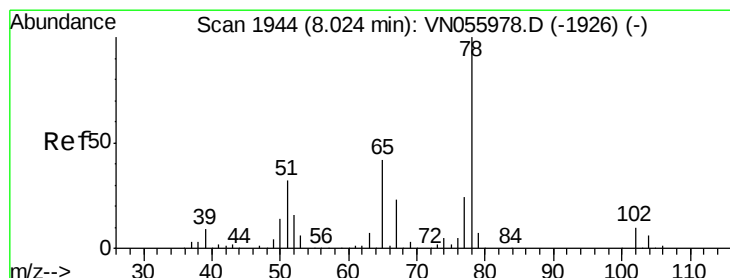
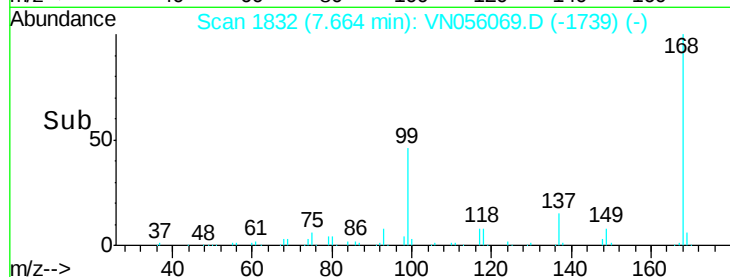
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.664 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056069.D

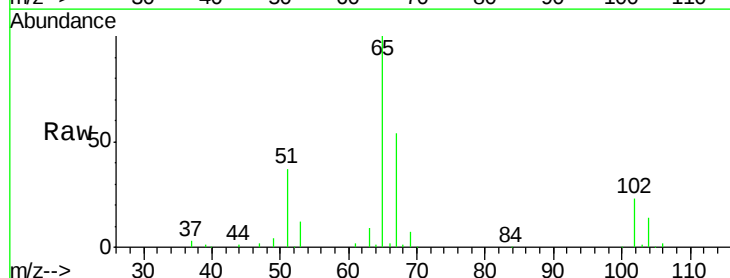
Acq: 7 Jun 2019 1:48

Tgt Ion: 65 Resp: 169707

Ion Ratio Lower Upper

65 100

67 53.5 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

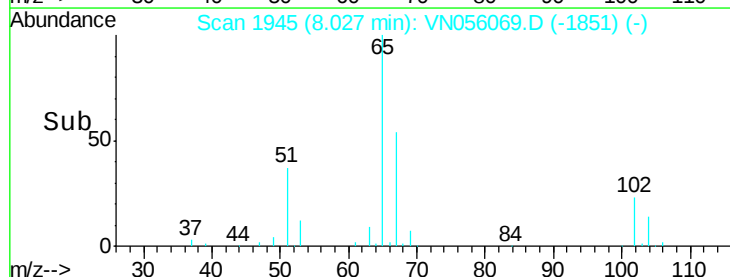
60000

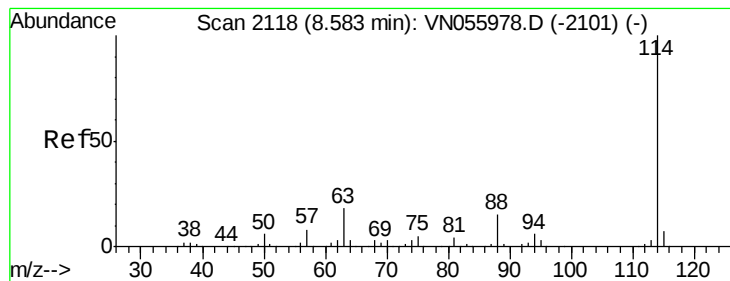
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056069.D

Acq: 7 Jun 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30411-20190604

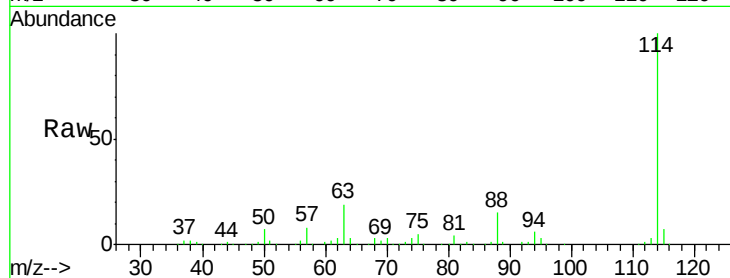
Tot Ion:114 Resp: 493291

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

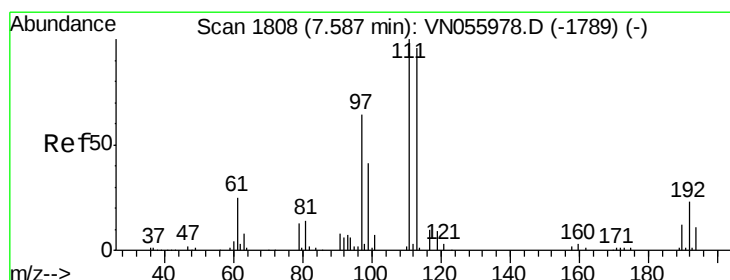
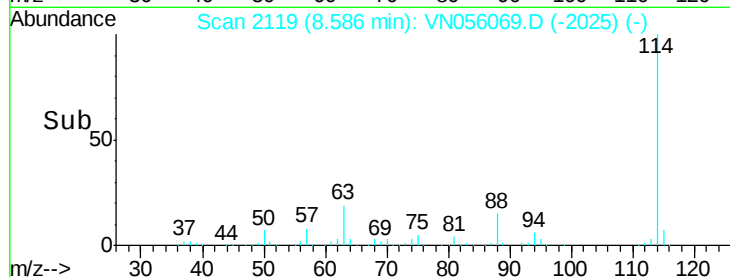
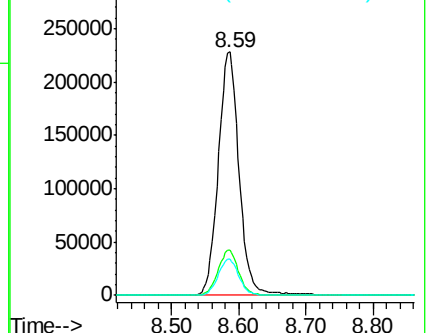
88 14.7 0.0 31.0



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: 48.596 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056069.D

Acq: 7 Jun 2019 1:48

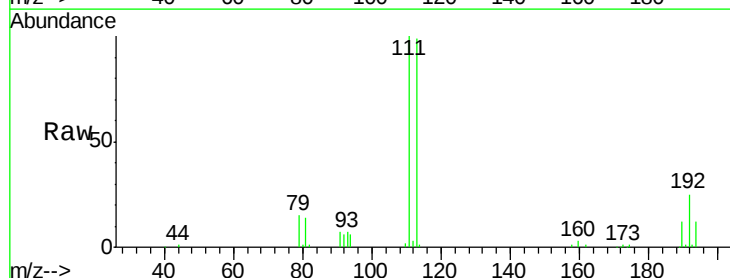
Tgt Ion:113 Resp: 147075

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

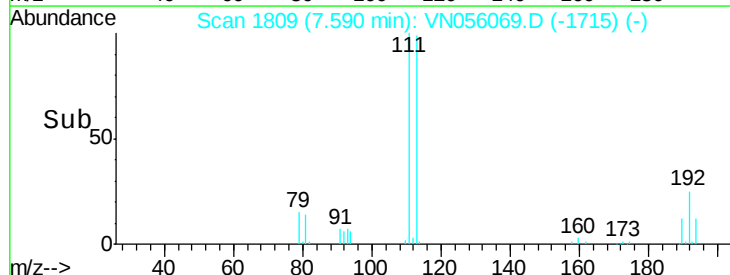
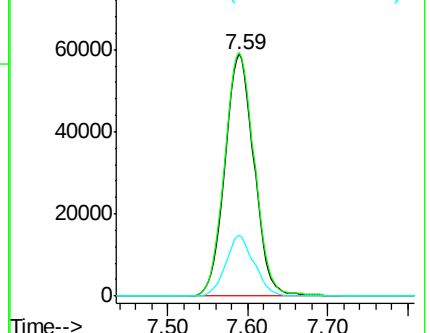
192 24.3 19.5 29.3

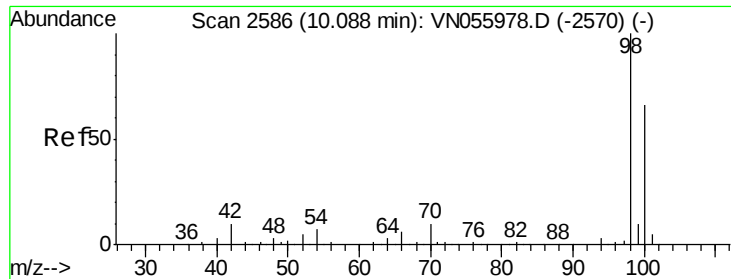


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.543 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056069.D

Acq: 7 Jun 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

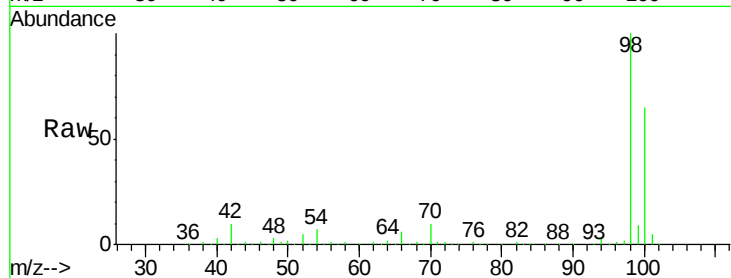
BPS1-TT-MW30411-20190604

Tot Ion: 98 Resp: 611918

Ion Ratio Lower Upper

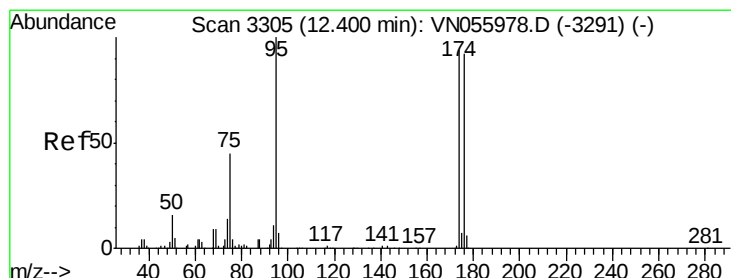
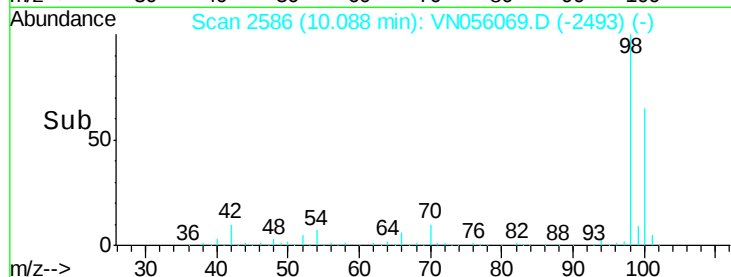
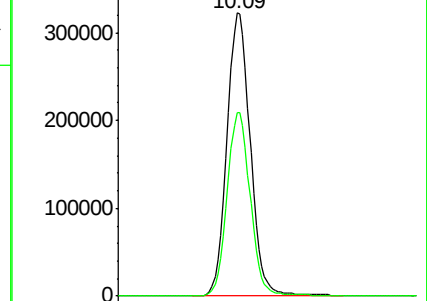
98 100

100 64.4 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) (-)



#62

4-Bromofluorobenzene

Concen: 46.837 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056069.D

Acq: 7 Jun 2019 1:48

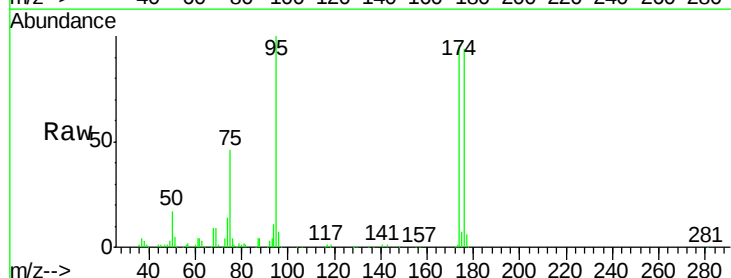
Tgt Ion: 95 Resp: 185499

Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.0

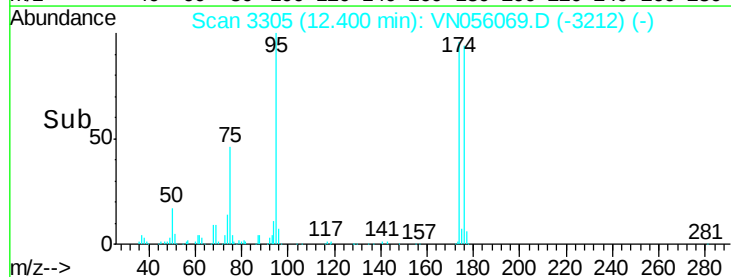
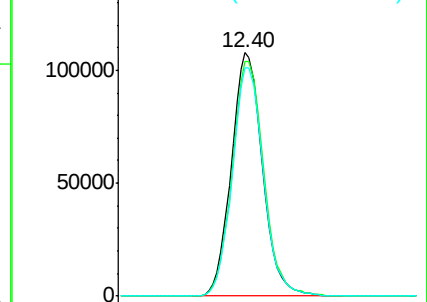
176 94.1 0.0 185.2

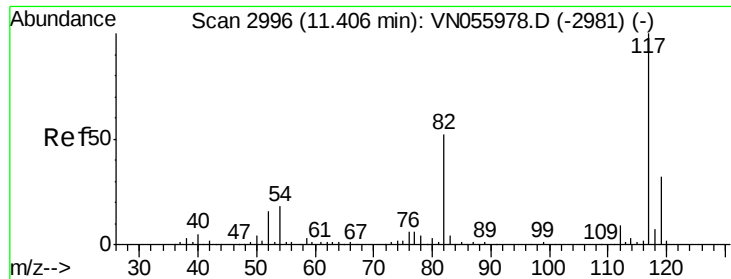


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

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

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

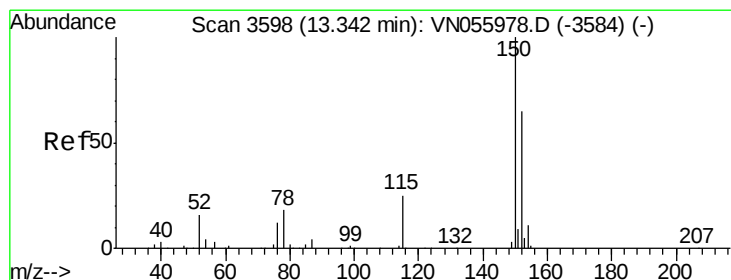
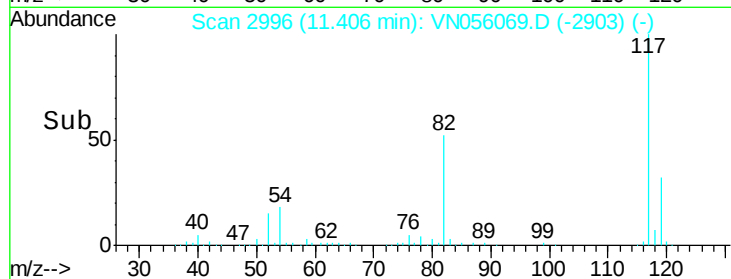
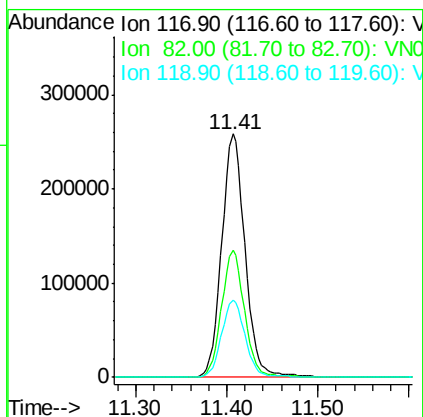
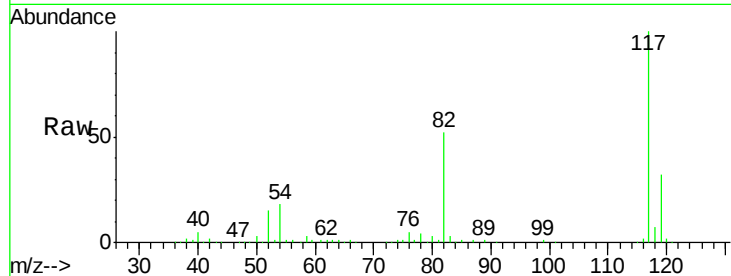




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056069.D
Acq: 7 Jun 2019 1:48

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW30411-20190604

Tot Ion:117 Resp: 461218
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 31.6 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: VN056069.D
Acq: 7 Jun 2019 1:48

Tgt Ion:152 Resp: 142035
Ion Ratio Lower Upper
152 100
115 53.9 27.0 81.0
150 156.5 0.0 343.2

