

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056176.D
 Acq On : 10 Jun 2019 17:53
 Operator : JC/SP
 Sample : K3280-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-SW4002-20190608

Quant Time: Jun 11 04:18:22 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	305727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	470044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	449056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132563	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	166505	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
35) Dibromofluoromethane	7.59	113	151971	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	10.09	98	600136	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
62) 4-Bromofluorobenzene	12.40	95	181323	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

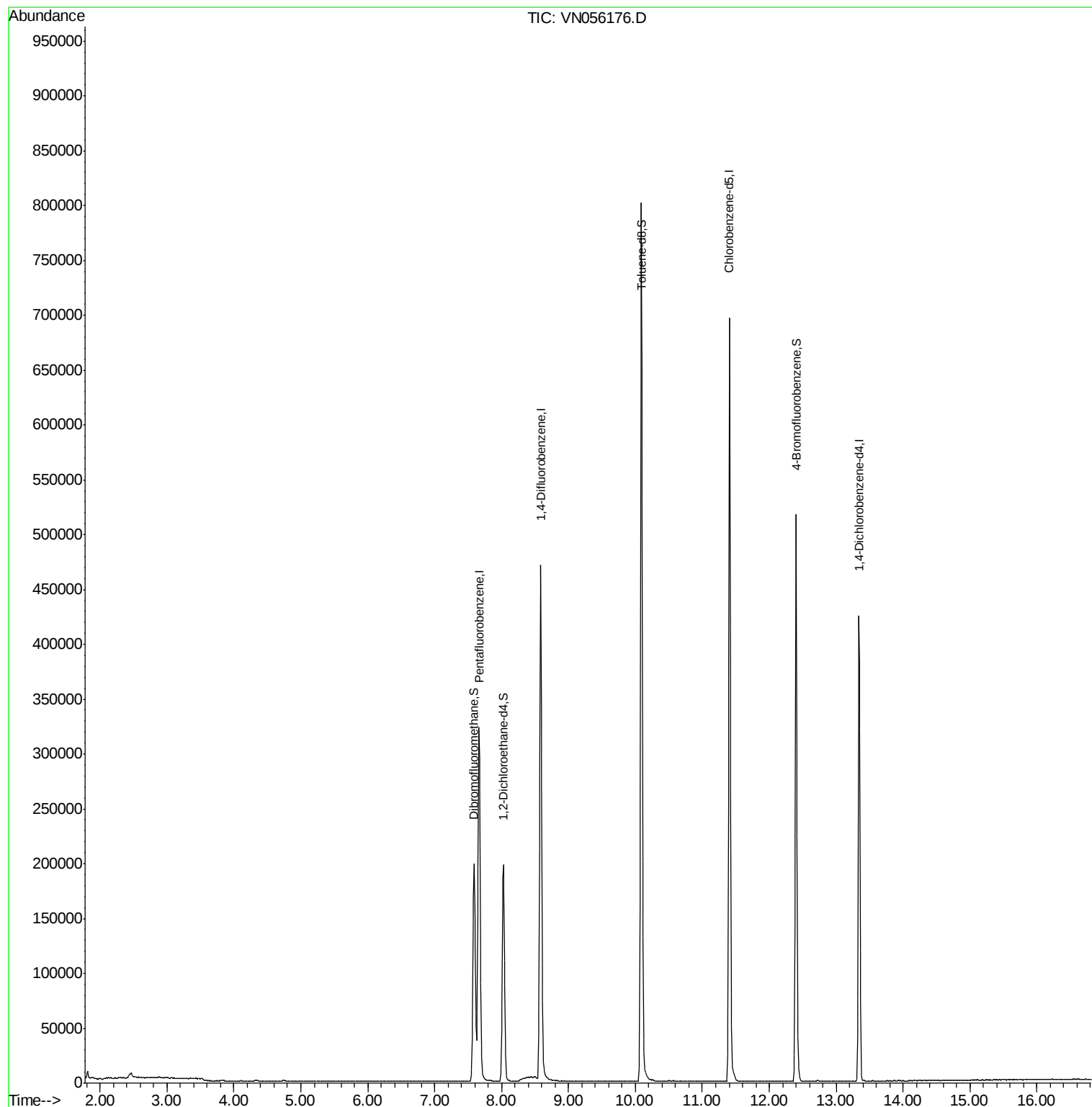
Target Compounds	Qvalue

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

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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: VN056176.D

Acq: 10 Jun 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

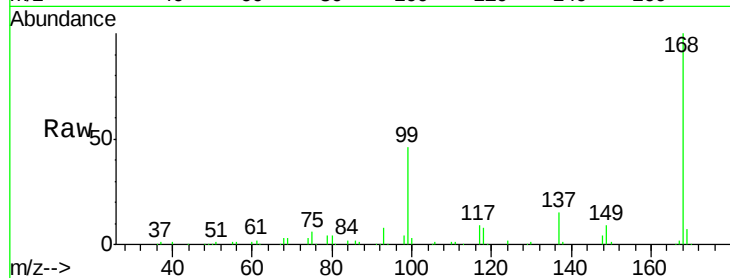
BP-TT-SW4002-20190608

Tot Ion:168 Resp: 305727

Ion Ratio Lower Upper

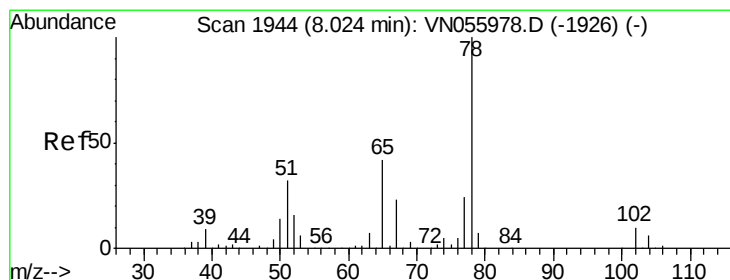
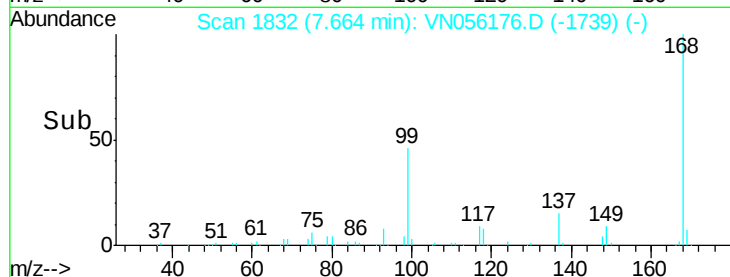
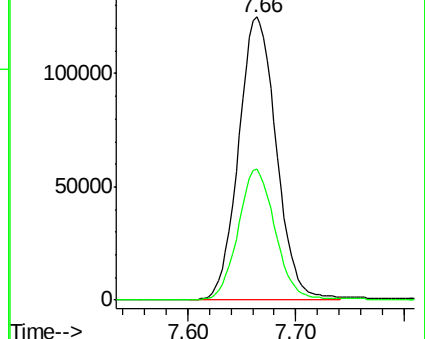
168 100

99 46.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 54.851 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN056176.D

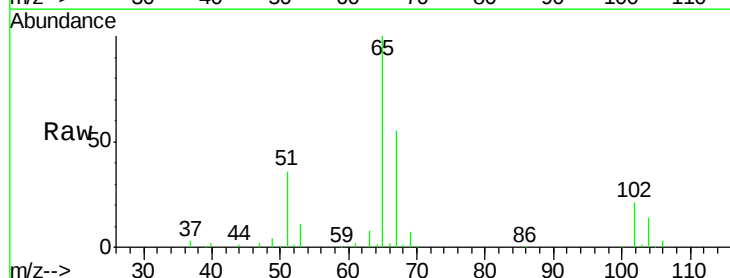
Acq: 10 Jun 2019 17:53

Tgt Ion: 65 Resp: 166505

Ion Ratio Lower Upper

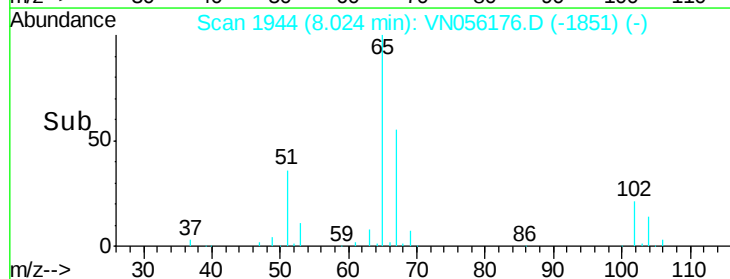
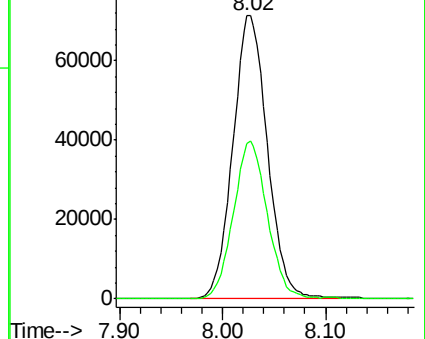
65 100

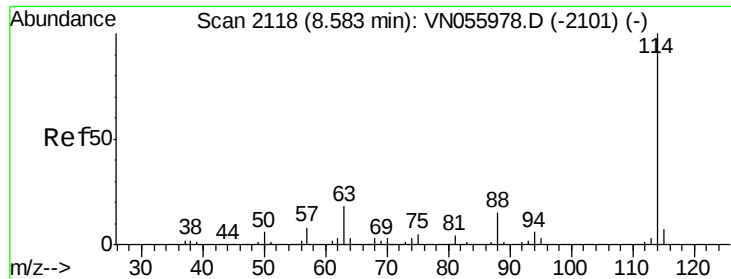
67 54.8 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

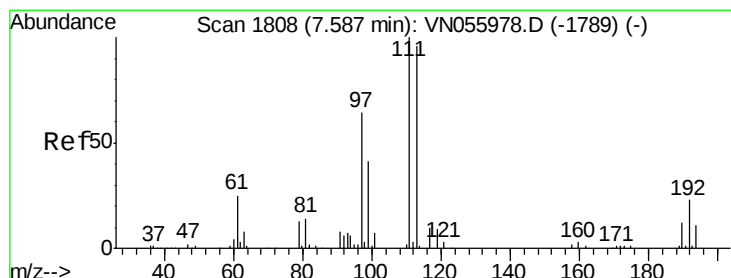
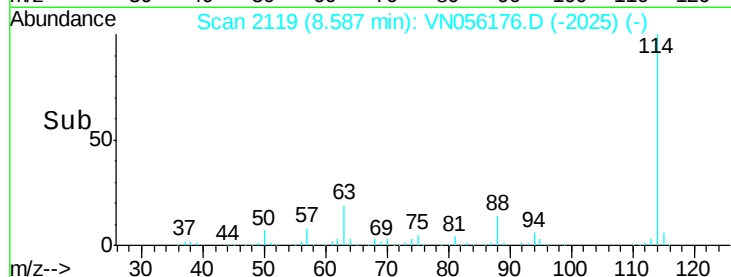
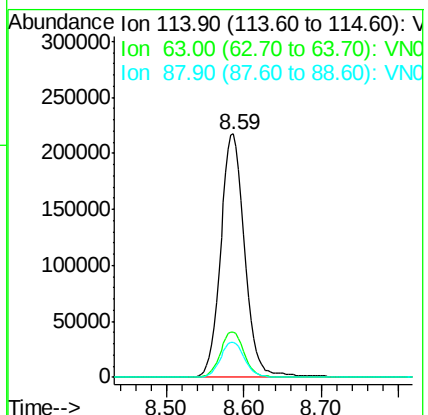
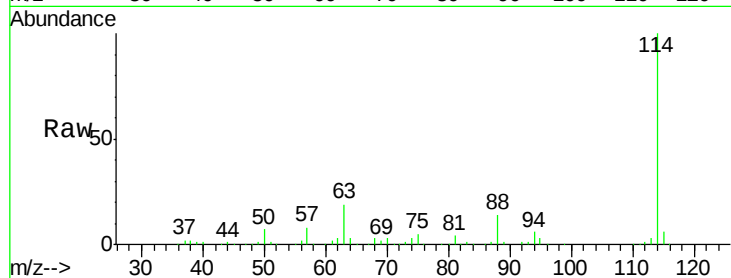




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056176.D
 Acq: 10 Jun 2019 17:53

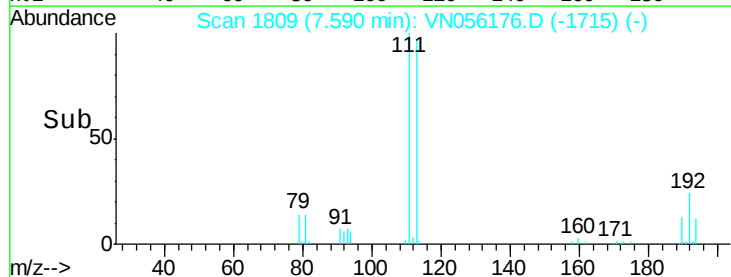
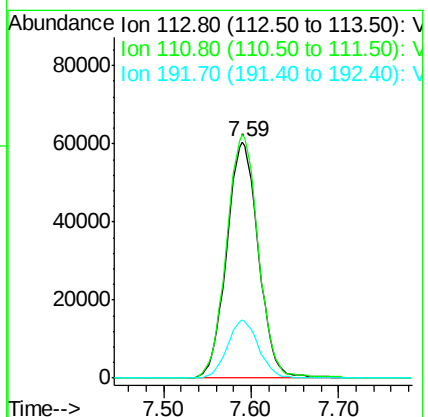
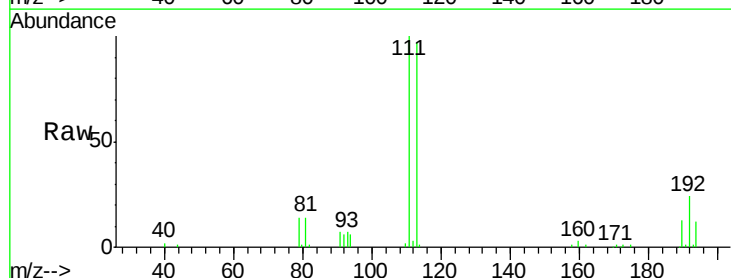
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-SW4002-20190608

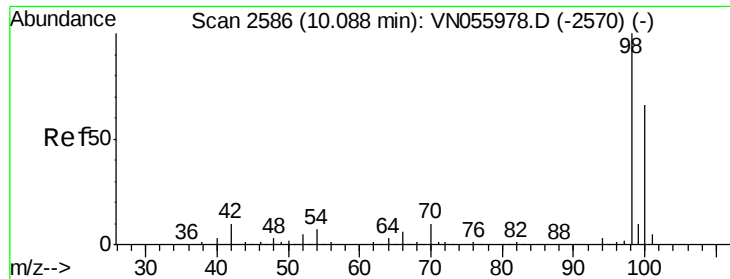
Tot Ion:114 Resp: 470044
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 14.4 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 52.697 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056176.D
 Acq: 10 Jun 2019 17:53

Tgt Ion:113 Resp: 151971
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.9 122.9
 192 24.3 19.5 29.3





#50

Toluene-d8

Concen: 54.080 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056176.D

Acq: 10 Jun 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

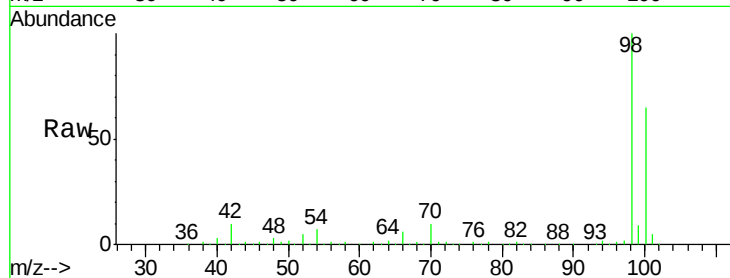
BP-TT-SW4002-20190608

Tot Ion: 98 Resp: 600136

Ion Ratio Lower Upper

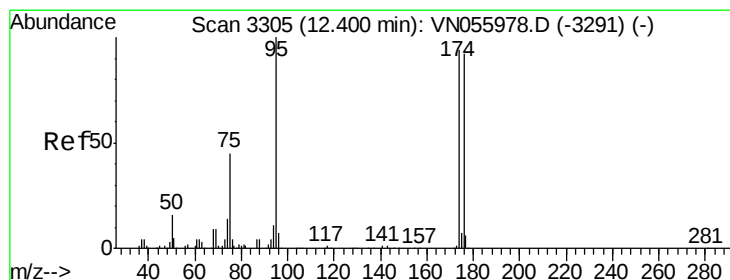
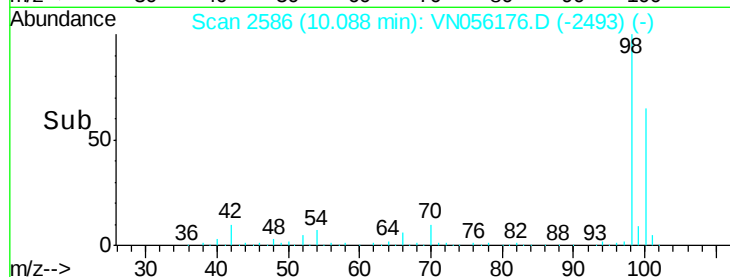
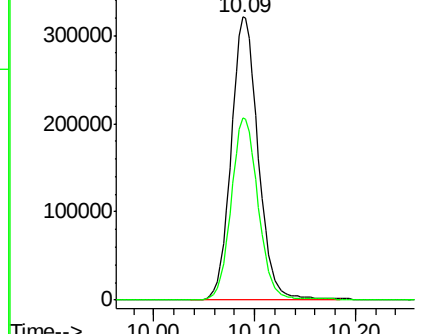
98 100

100 64.7 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: 48.047 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056176.D

Acq: 10 Jun 2019 17:53

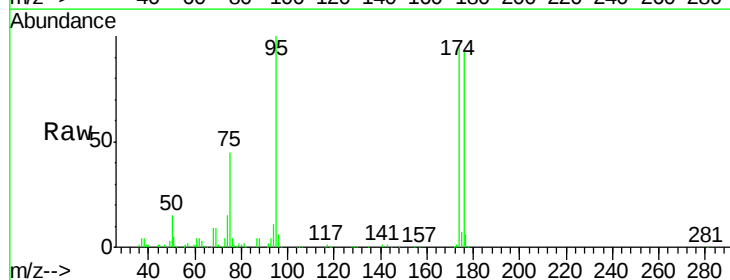
Tgt Ion: 95 Resp: 181323

Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.0

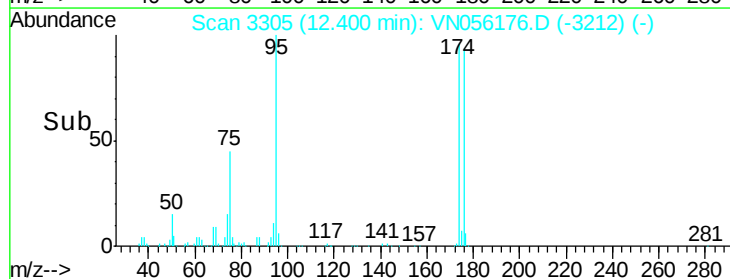
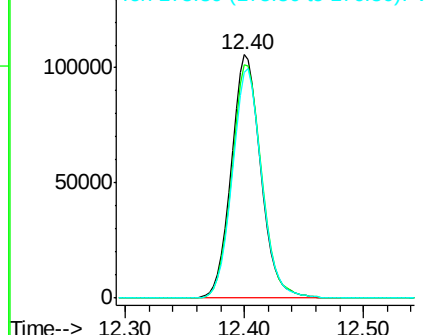
176 94.2 0.0 185.2

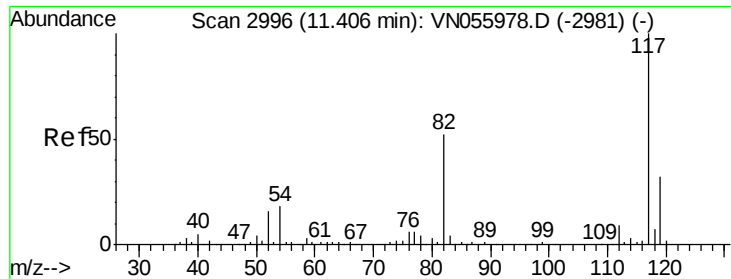


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

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

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

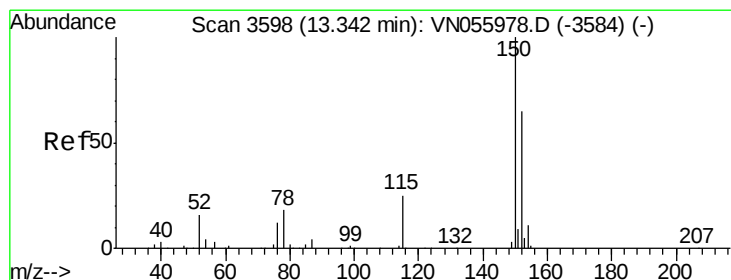
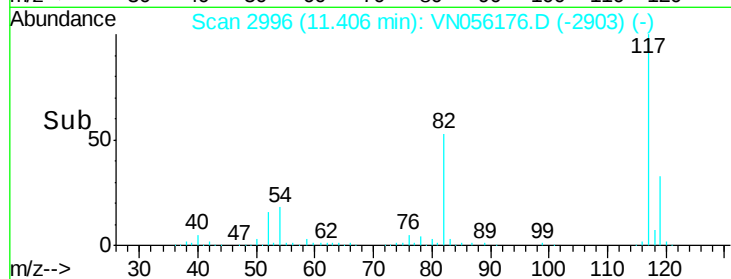
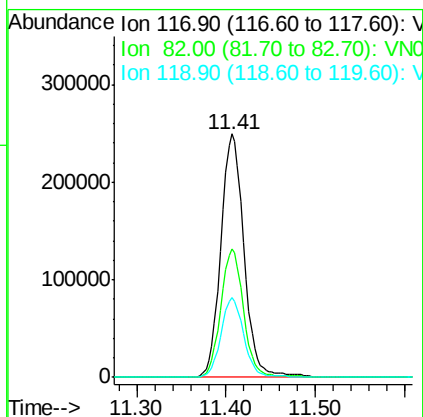
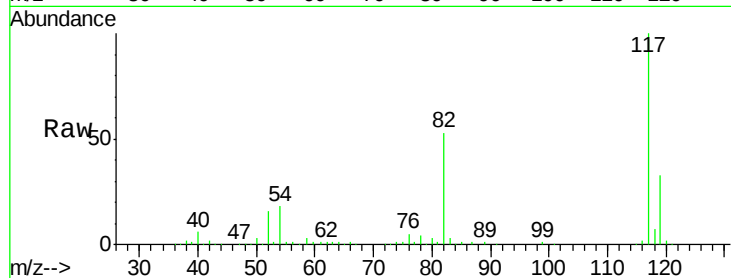




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056176.D
Acq: 10 Jun 2019 17:53

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-SW4002-20190608

Tot Ion:117 Resp: 449056
Ion Ratio Lower Upper
117 100
82 52.7 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: VN056176.D
Acq: 10 Jun 2019 17:53

Tgt Ion:152 Resp: 132563
Ion Ratio Lower Upper
152 100
115 52.4 27.0 81.0
150 157.2 0.0 343.2

