

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
 Data File : VN056225.D
 Acq On : 11 Jun 2019 16:02
 Operator : JC/SP
 Sample : K3284-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW303I2-20190610

Quant Time: Jun 12 07:19:38 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

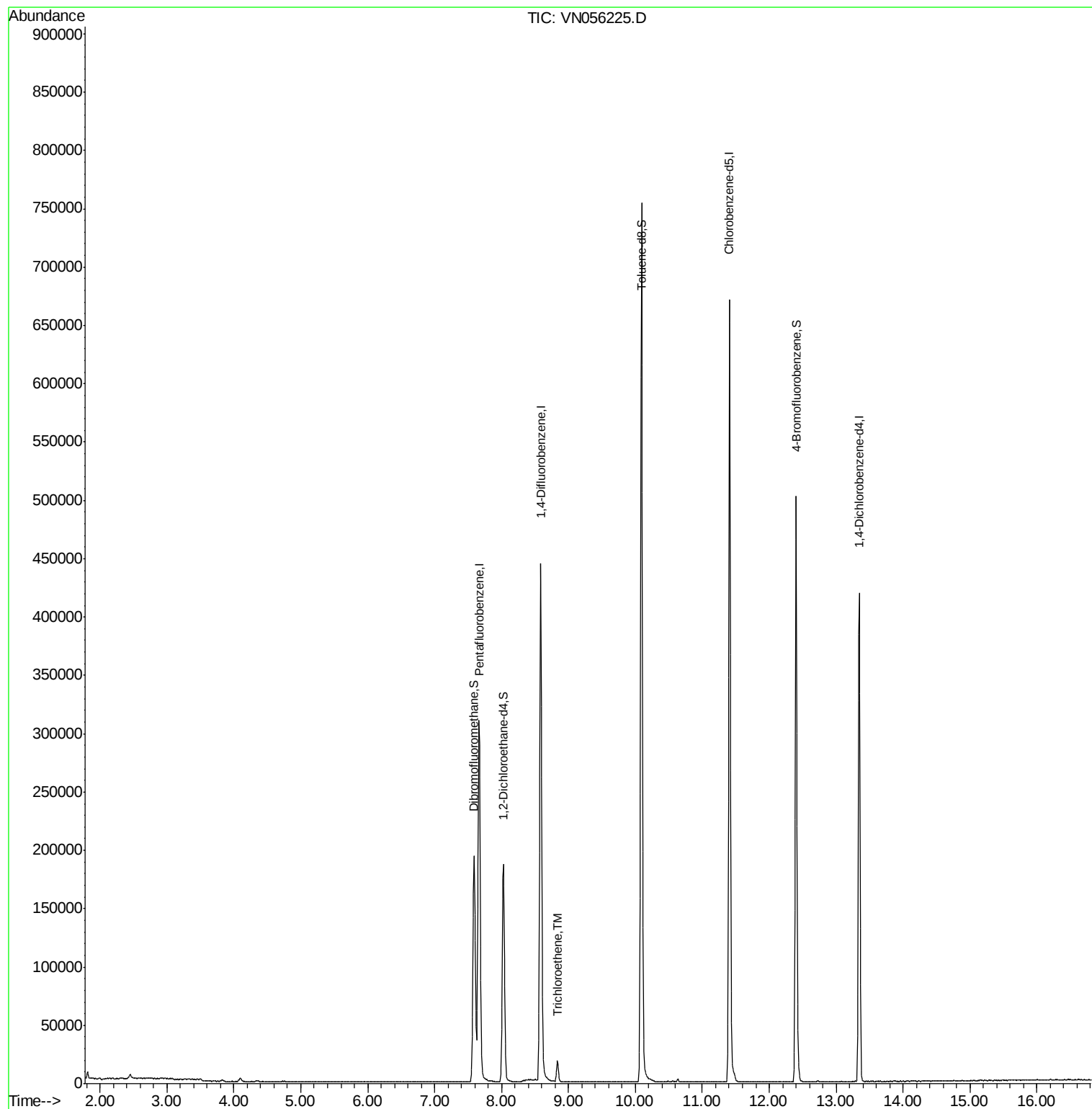
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	301235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	447599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	436755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	135454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	157495	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
35) Dibromofluoromethane	7.59	113	148616	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
50) Toluene-d8	10.09	98	574152	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
62) 4-Bromofluorobenzene	12.40	95	177761	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
Target Compounds						
44) Trichloroethene	8.84	130	7773	2.314	ug/l	98

(#) = 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

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Acq: 11 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

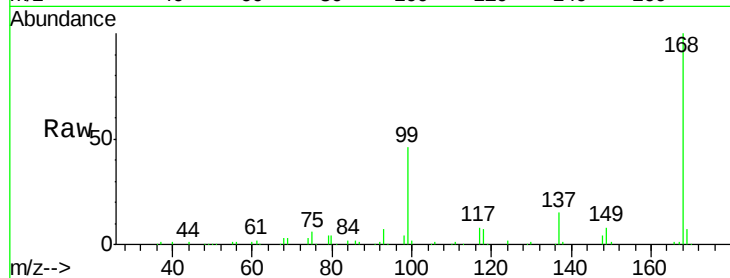
BPS1-TT-MW303I2-20190610

Tot Ion:168 Resp: 301235

Ion Ratio Lower Upper

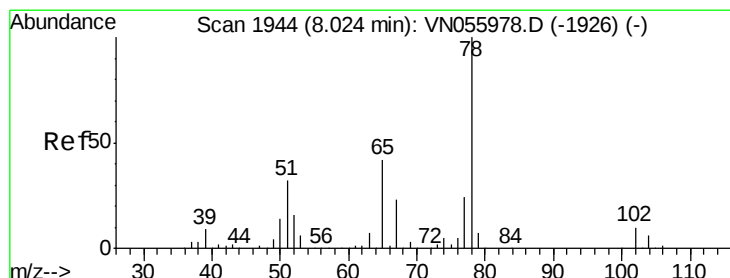
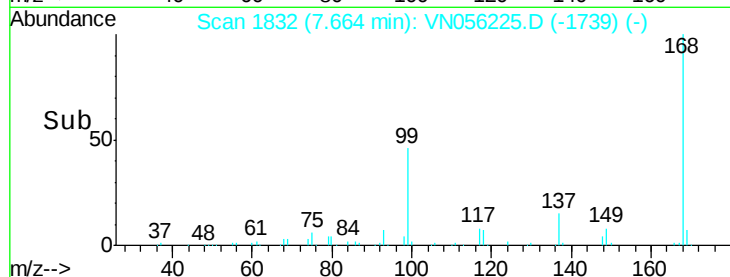
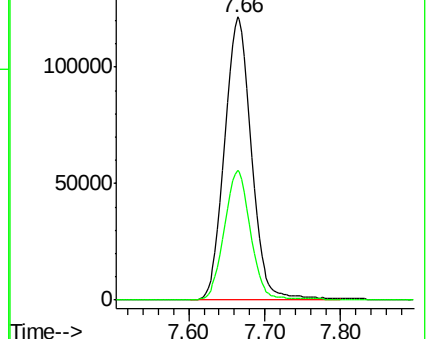
168 100

99 45.7 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: 52.656 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056225.D

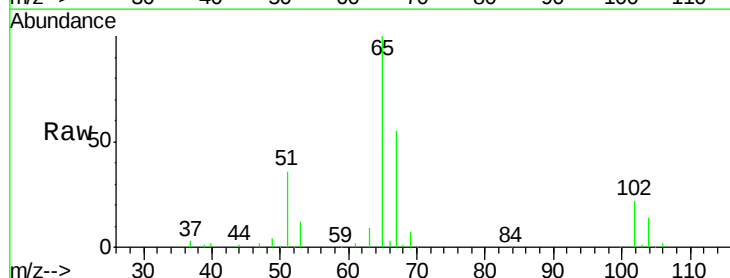
Acq: 11 Jun 2019 16:02

Tgt Ion: 65 Resp: 157495

Ion Ratio Lower Upper

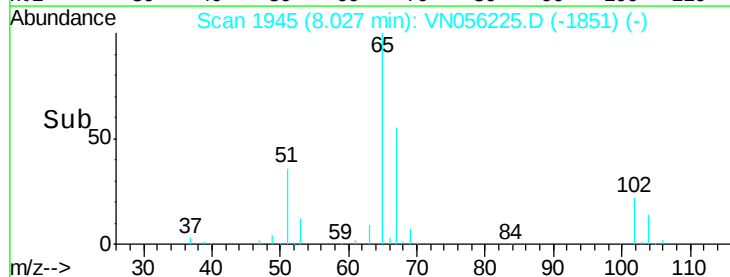
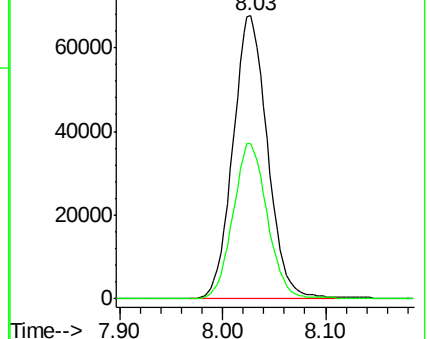
65 100

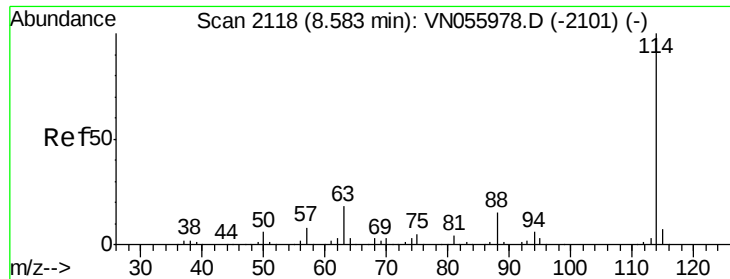
67 54.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

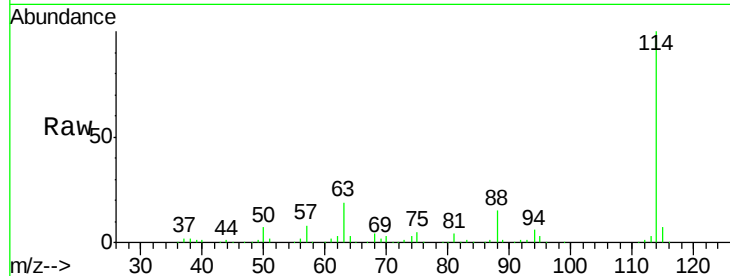




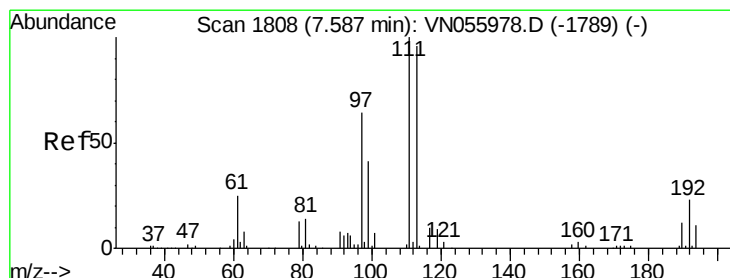
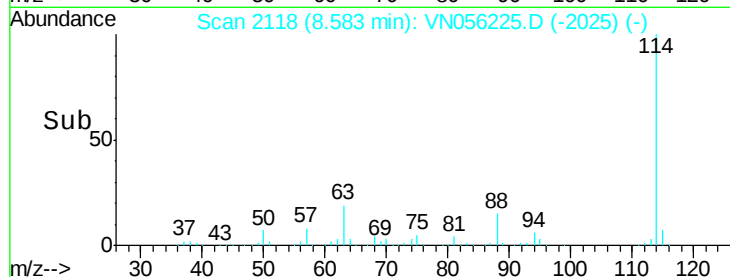
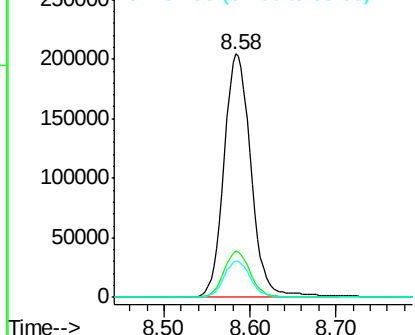
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056225.D
Acq: 11 Jun 2019 16:02

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW303I2-20190610

Tot Ion:114 Resp: 447599
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.2
88 14.8 0.0 31.0

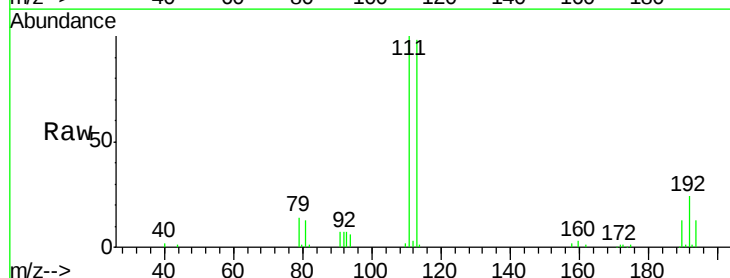


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

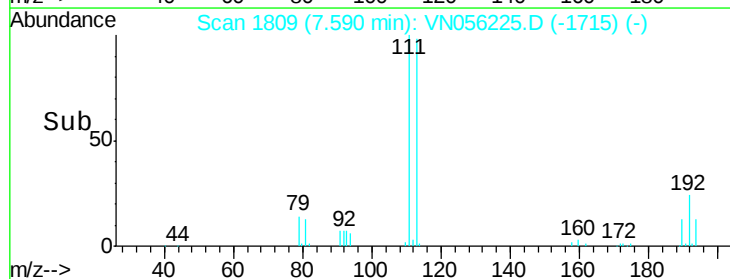
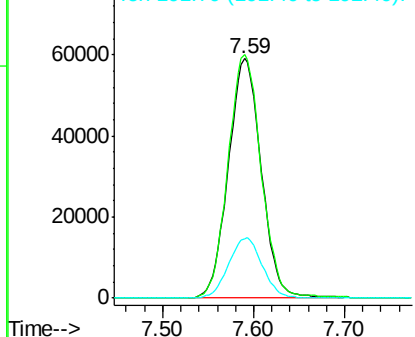


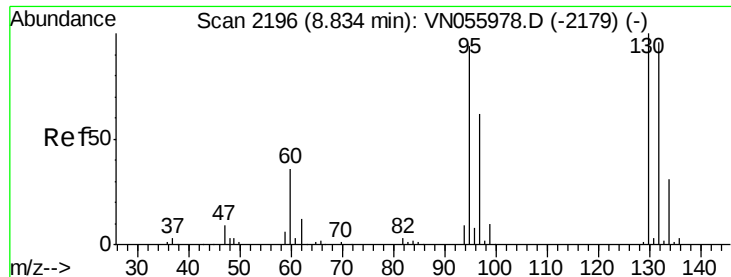
#35
Dibromofluoromethane
Concen: 54.118 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056225.D
Acq: 11 Jun 2019 16:02

Tgt Ion:113 Resp: 148616
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 25.6 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





#44

Trichloroethene

Concen: 2.314 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056225.D

Acq: 11 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

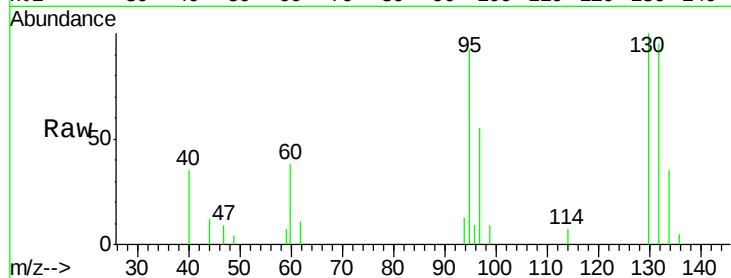
BPS1-TT-MW303I2-20190610

Tot Ion:130 Resp: 7773

Ion Ratio Lower Upper

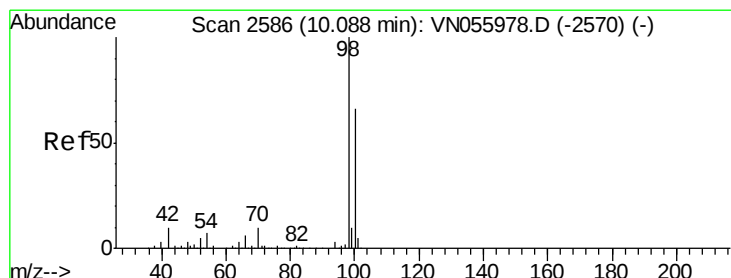
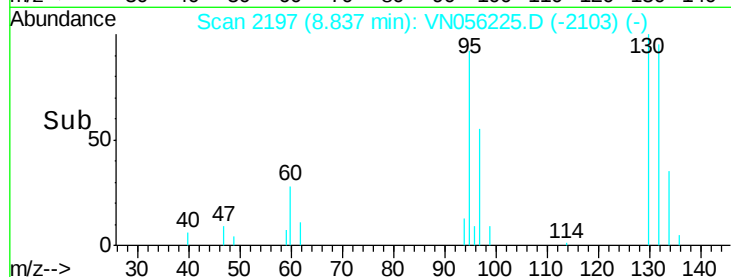
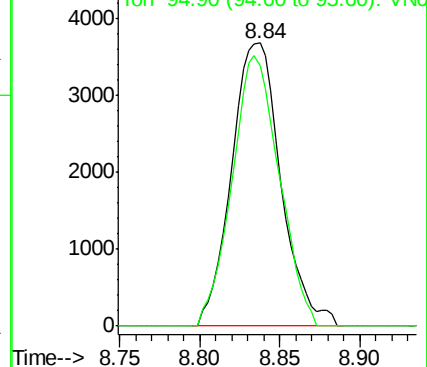
130 100

95 92.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 54.333 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056225.D

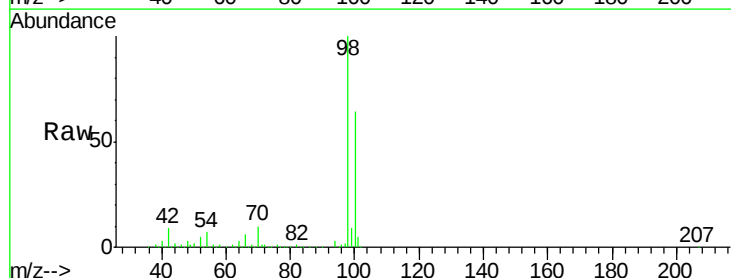
Acq: 11 Jun 2019 16:02

Tgt Ion: 98 Resp: 574152

Ion Ratio Lower Upper

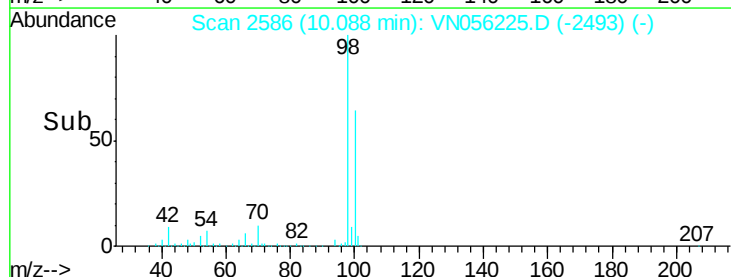
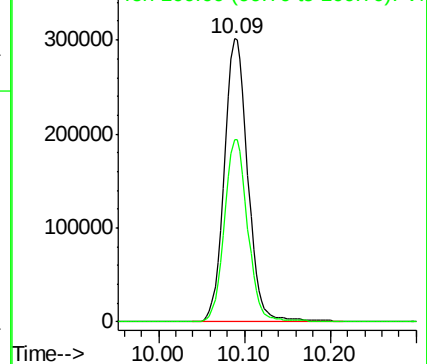
98 100

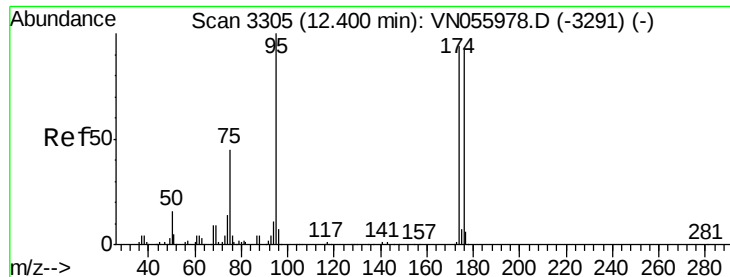
100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 49.465 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056225.D

Acq: 11 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW303I2-20190610

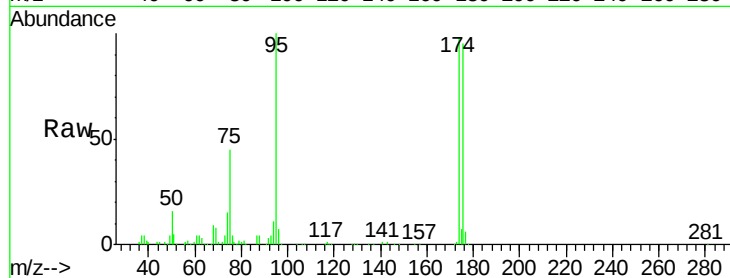
Tot Ion: 95 Resp: 177761

Ion Ratio Lower Upper

95 100

174 99.8 0.0 191.0

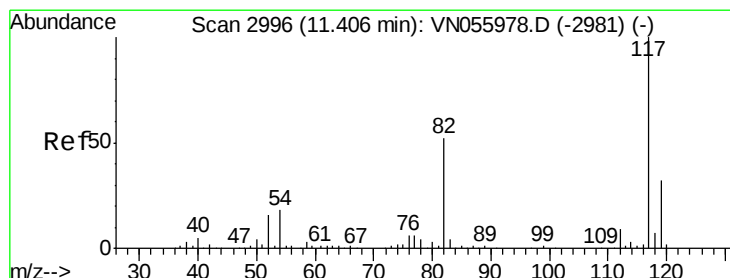
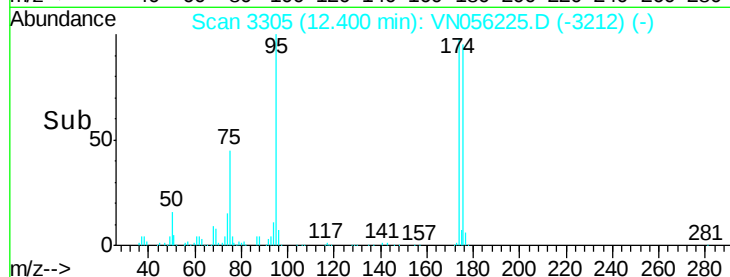
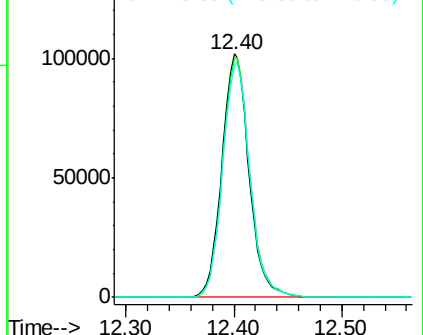
176 97.4 0.0 185.2



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: VN056225.D

Acq: 11 Jun 2019 16:02

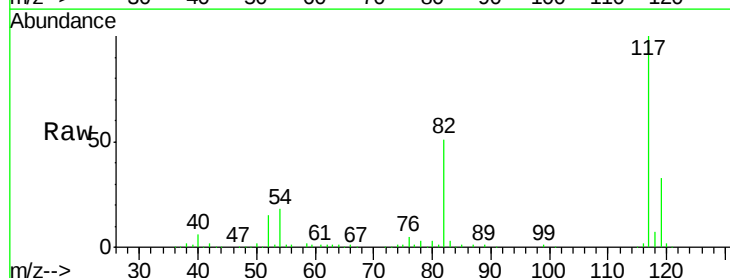
Tgt Ion: 117 Resp: 436755

Ion Ratio Lower Upper

117 100

82 50.7 41.8 62.8

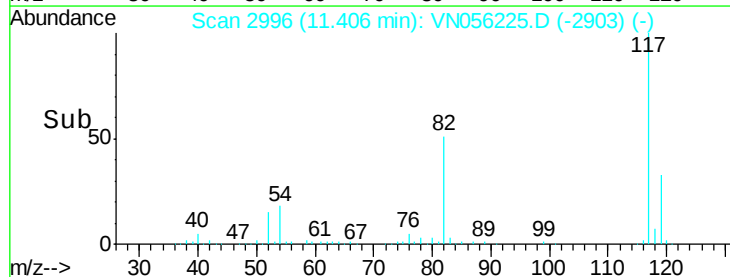
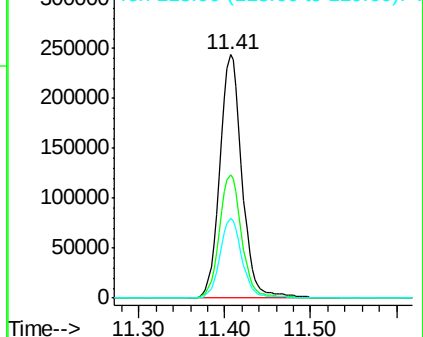
119 32.6 25.4 38.0

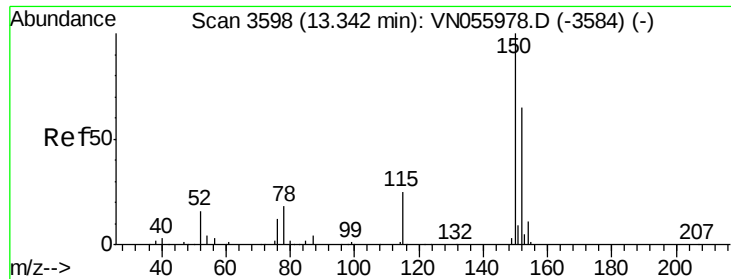


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN056225.D

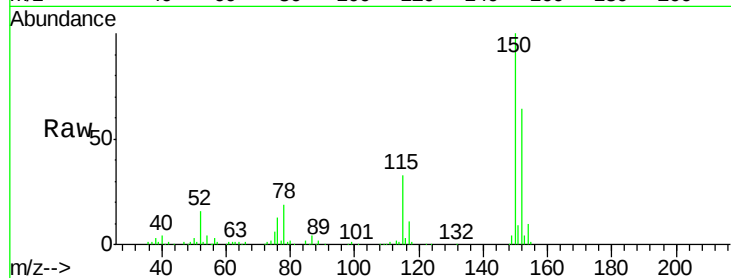
Acq: 11 Jun 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW303I2-20190610



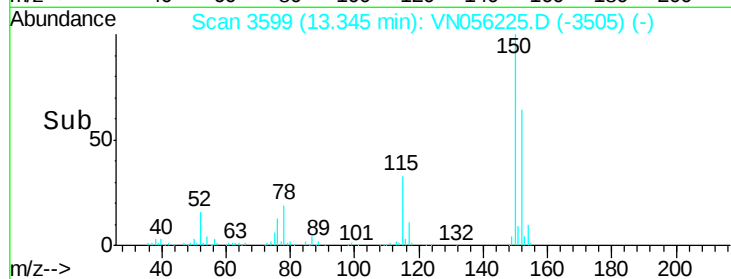
Tot Ion:152 Resp: 135454

Ion Ratio Lower Upper

152 100

115 51.8 27.0 81.0

150 154.6 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

