

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
 Data File : VN056230.D
 Acq On : 11 Jun 2019 18:08
 Operator : JC/SP
 Sample : K3284-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-AOC22-MW10-20190609

Quant Time: Jun 12 07:27:20 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

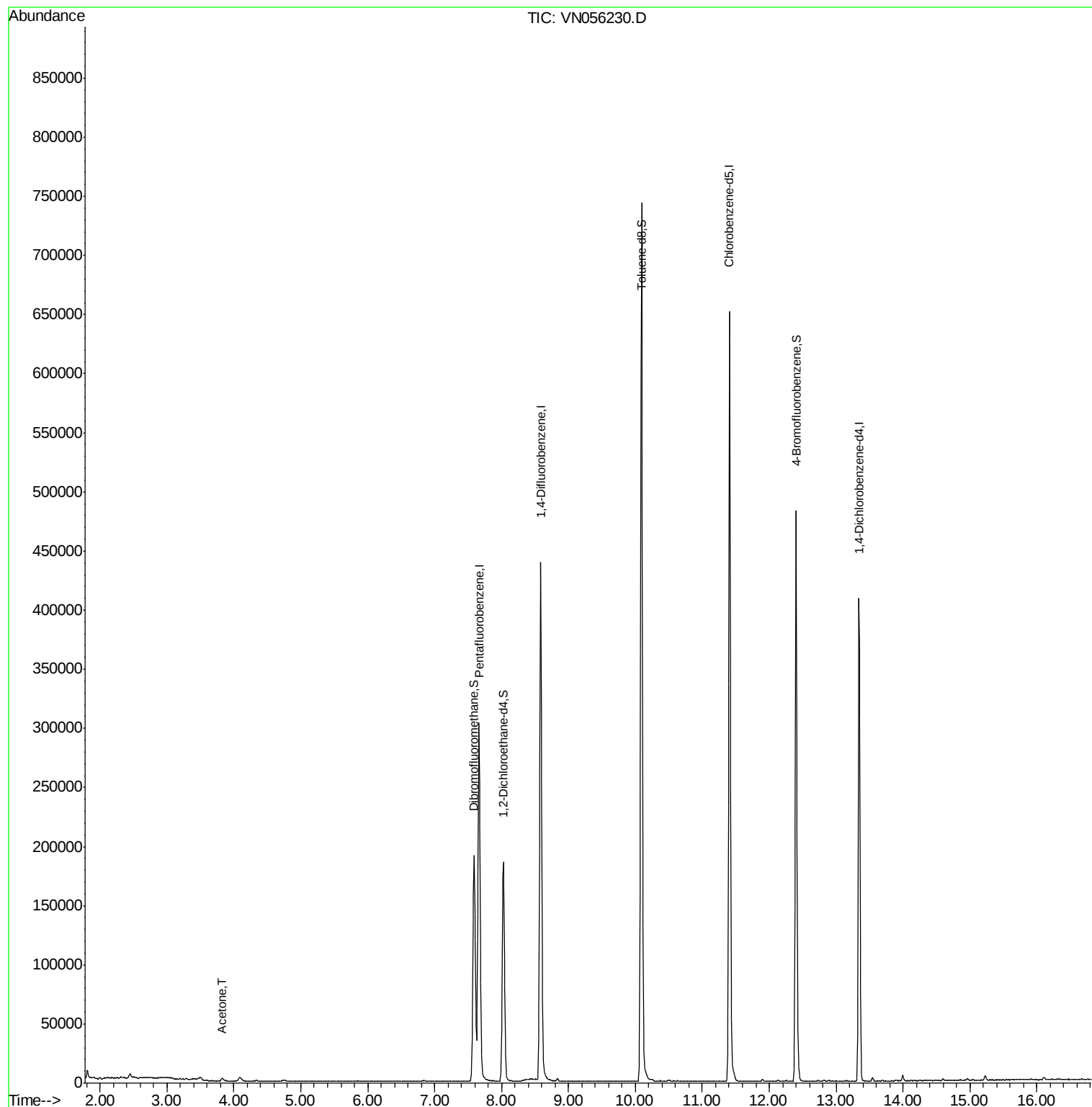
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	288872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	439393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	420606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	156662	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
35) Dibromofluoromethane	7.59	113	147815	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
50) Toluene-d8	10.09	98	569455	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
62) 4-Bromofluorobenzene	12.40	95	172760	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
Target Compounds						
16) Acetone	3.82	43	4215	3.073	ug/l	Qvalue 93

(#) = 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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Instrument :

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ClientSampleId :

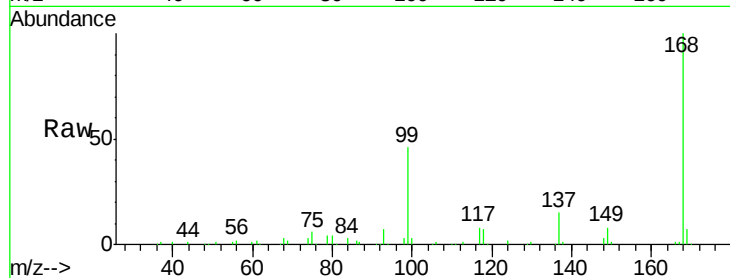
BP-TT-AOC22-MW10-20190609

Tot Ion:168 Resp: 288872

Ion Ratio Lower Upper

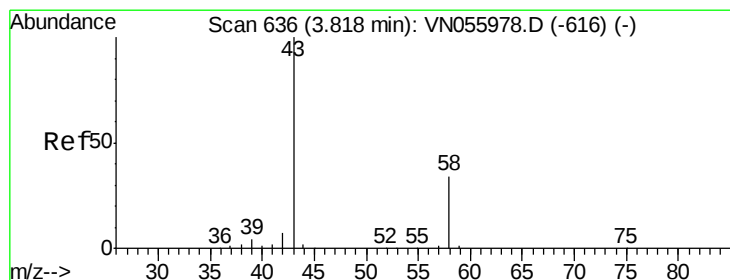
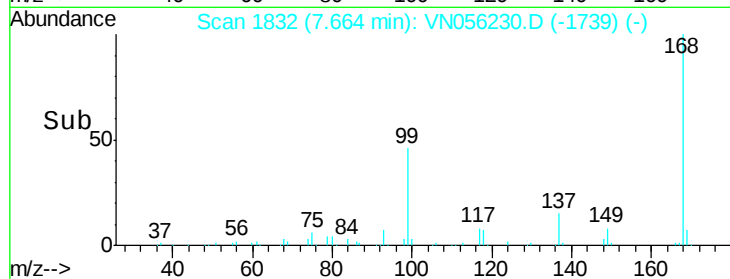
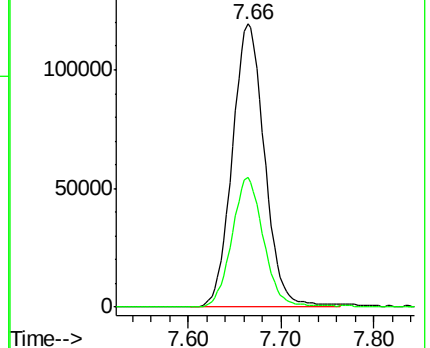
168 100

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



#16

Acetone

Concen: 3.073 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056230.D

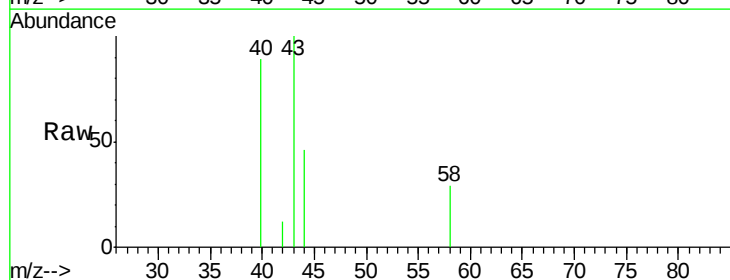
Acq: 11 Jun 2019 18:08

Tgt Ion: 43 Resp: 4215

Ion Ratio Lower Upper

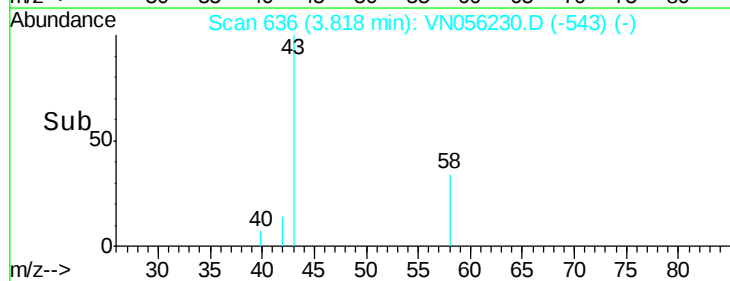
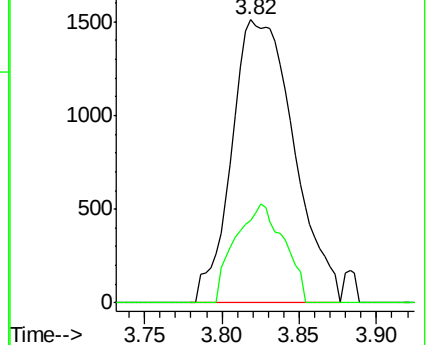
43 100

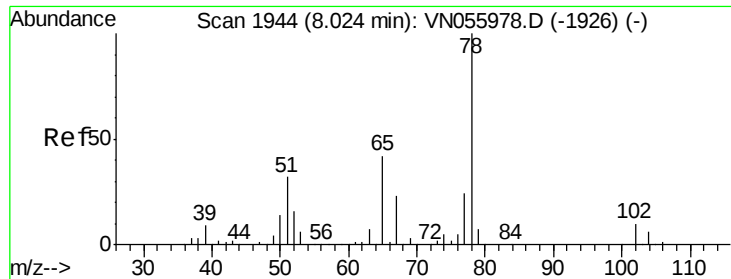
58 29.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 54.619 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056230.D

Acq: 11 Jun 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

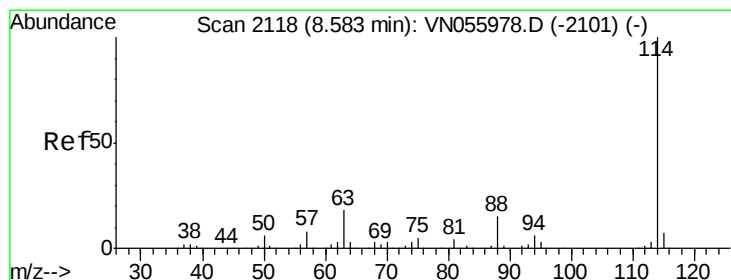
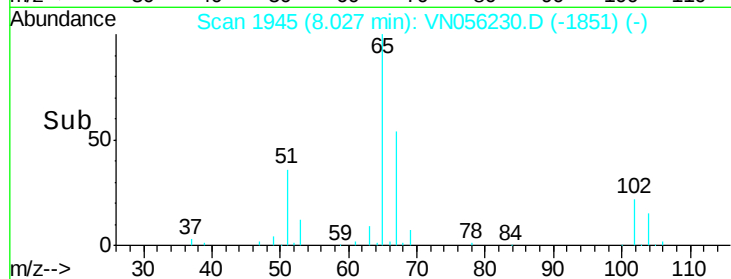
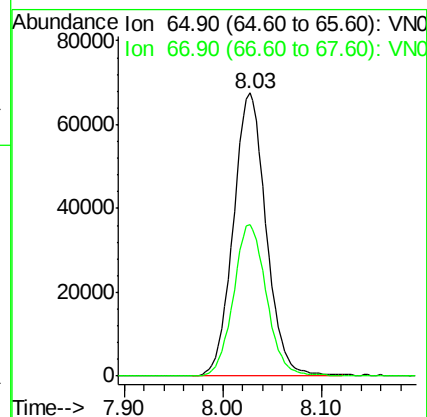
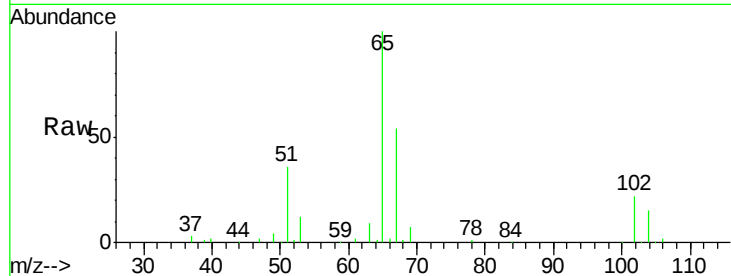
BP-TT-AOC22-MW10-20190609

Tot Ion: 65 Resp: 156662

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056230.D

Acq: 11 Jun 2019 18:08

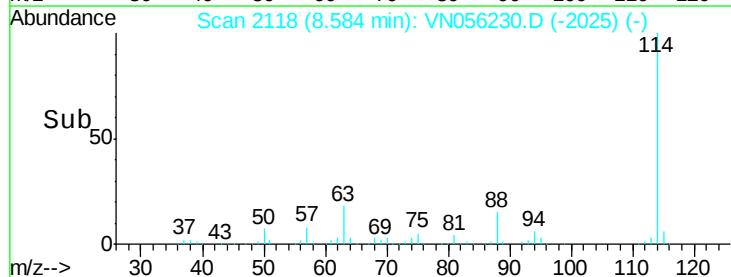
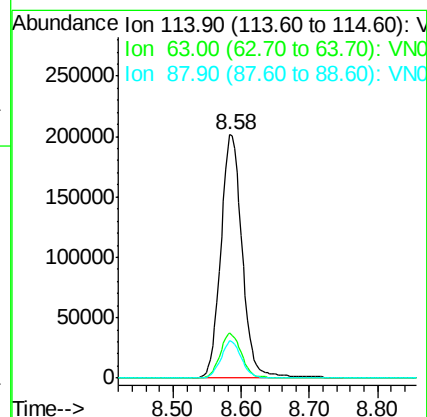
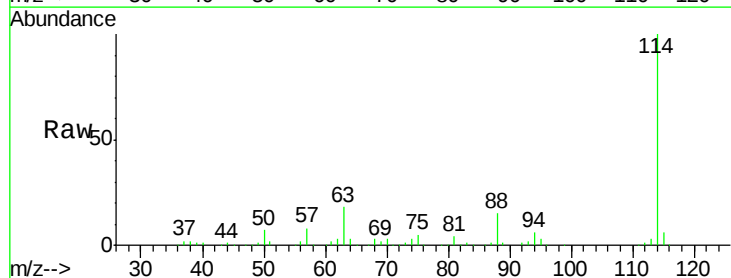
Tgt Ion: 114 Resp: 439393

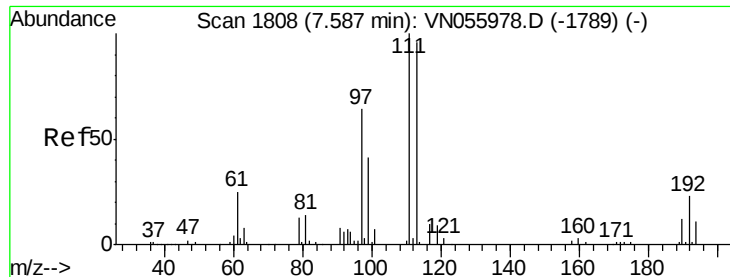
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.2

88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 54.831 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056230.D

Acq: 11 Jun 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-AOC22-MW10-20190609

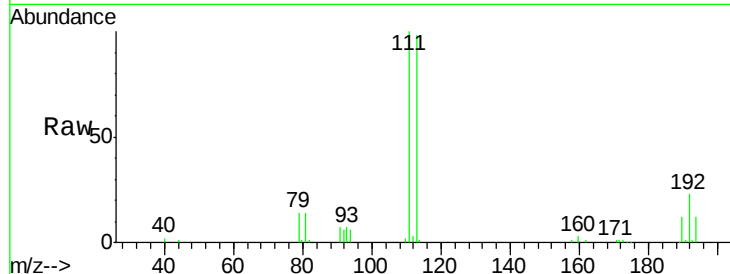
Tot Ion:113 Resp: 147815

Ion Ratio Lower Upper

113 100

111 100.9 81.9 122.9

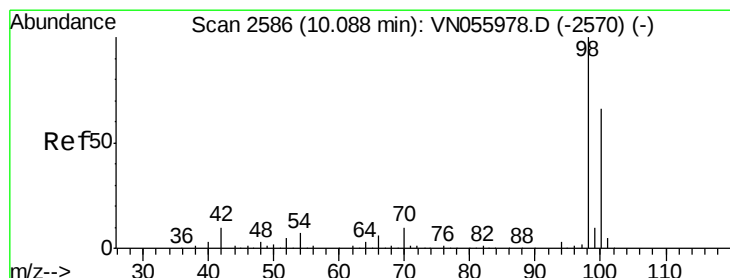
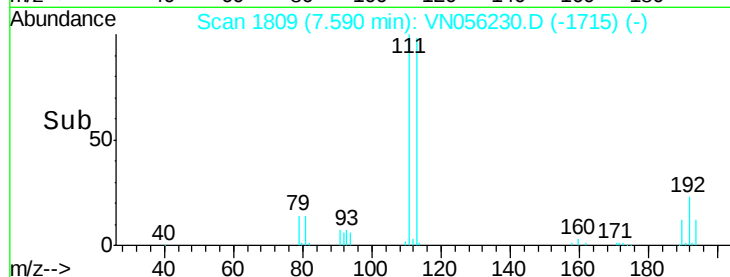
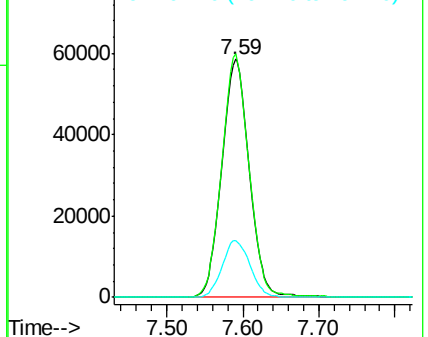
192 24.1 19.5 29.3



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: 54.895 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056230.D

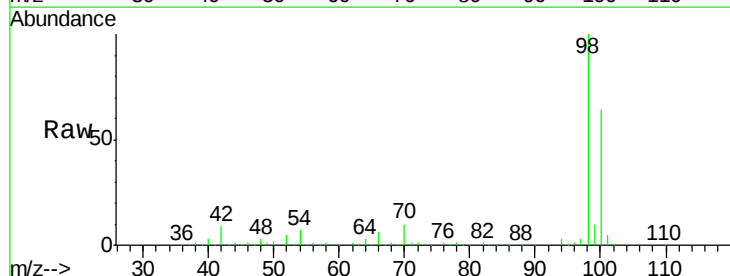
Acq: 11 Jun 2019 18:08

Tgt Ion: 98 Resp: 569455

Ion Ratio Lower Upper

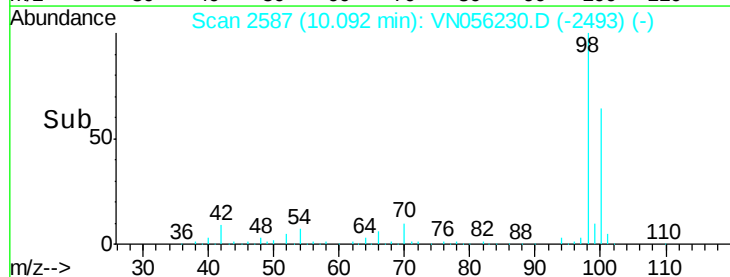
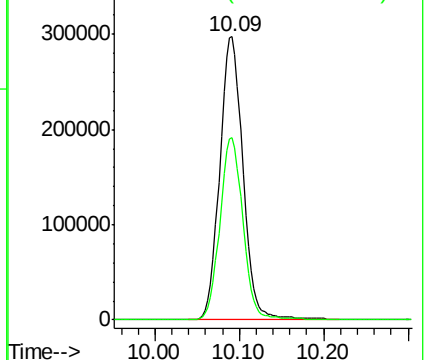
98 100

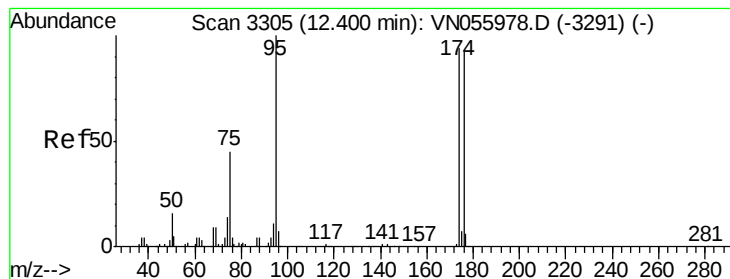
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.971 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056230.D

Acq: 11 Jun 2019 18:08

Instrument :

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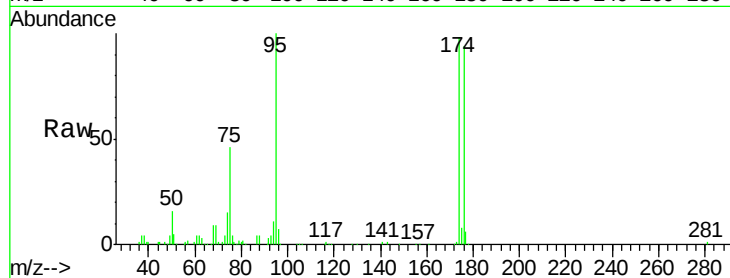
Tot Ion: 95 Resp: 172760

Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.0

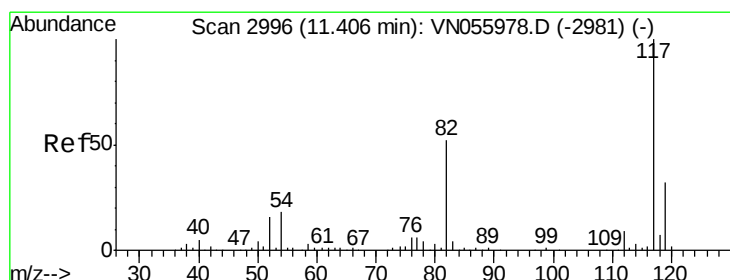
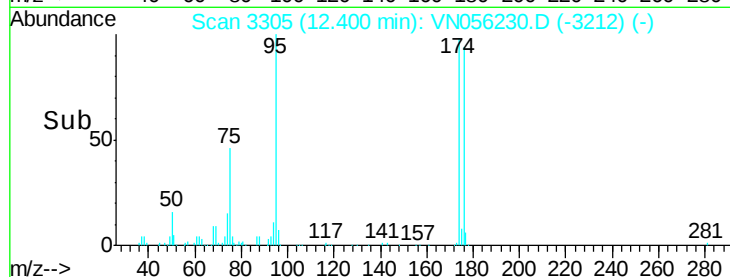
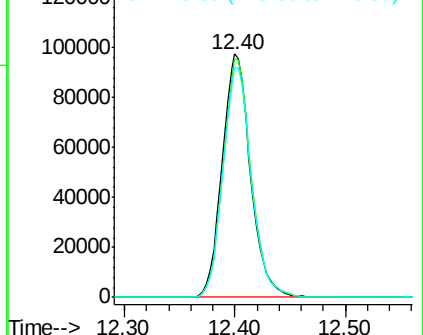
176 95.1 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056230.D

Acq: 11 Jun 2019 18:08

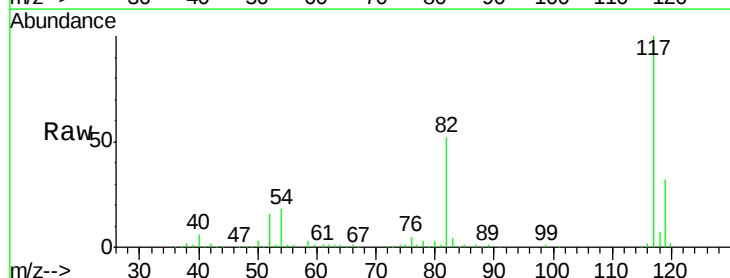
Tgt Ion: 117 Resp: 420606

Ion Ratio Lower Upper

117 100

82 51.8 41.8 62.8

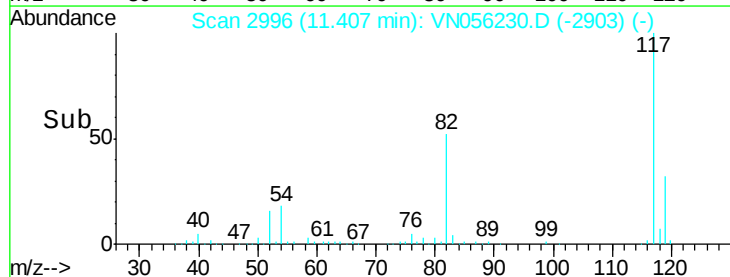
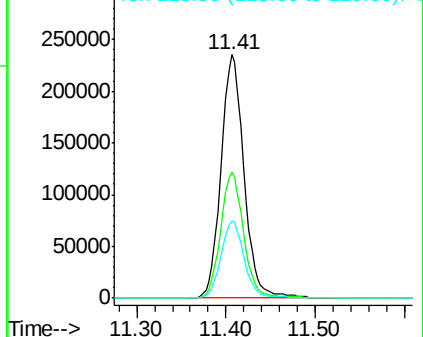
119 31.9 25.4 38.0

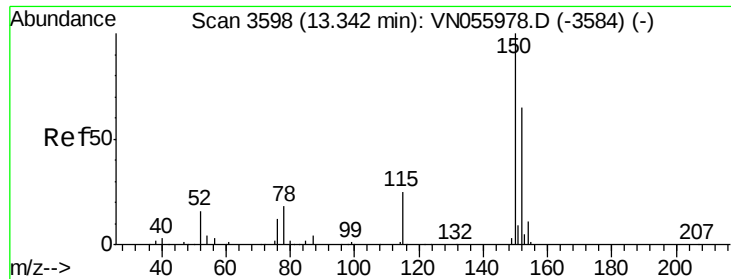


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056230.D

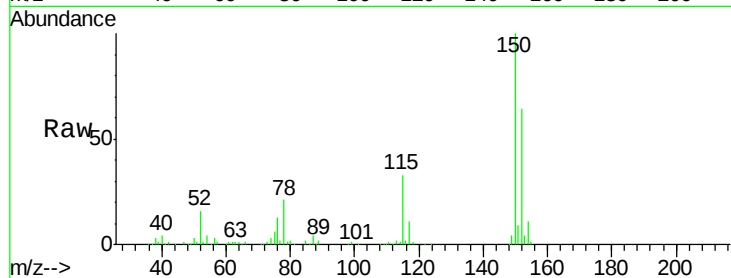
Acq: 11 Jun 2019 18:08

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-AOC22-MW10-20190609



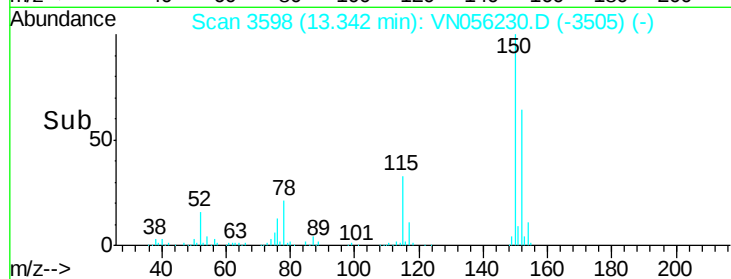
Tot Ion:152 Resp: 130088

Ion Ratio Lower Upper

152 100

115 51.0 27.0 81.0

150 153.7 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

