

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056289.D
 Acq On : 13 Jun 2019 18:18
 Operator : JC/SP
 Sample : K3345-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-MW-11_061119

Quant Time: Jun 14 02:10:13 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

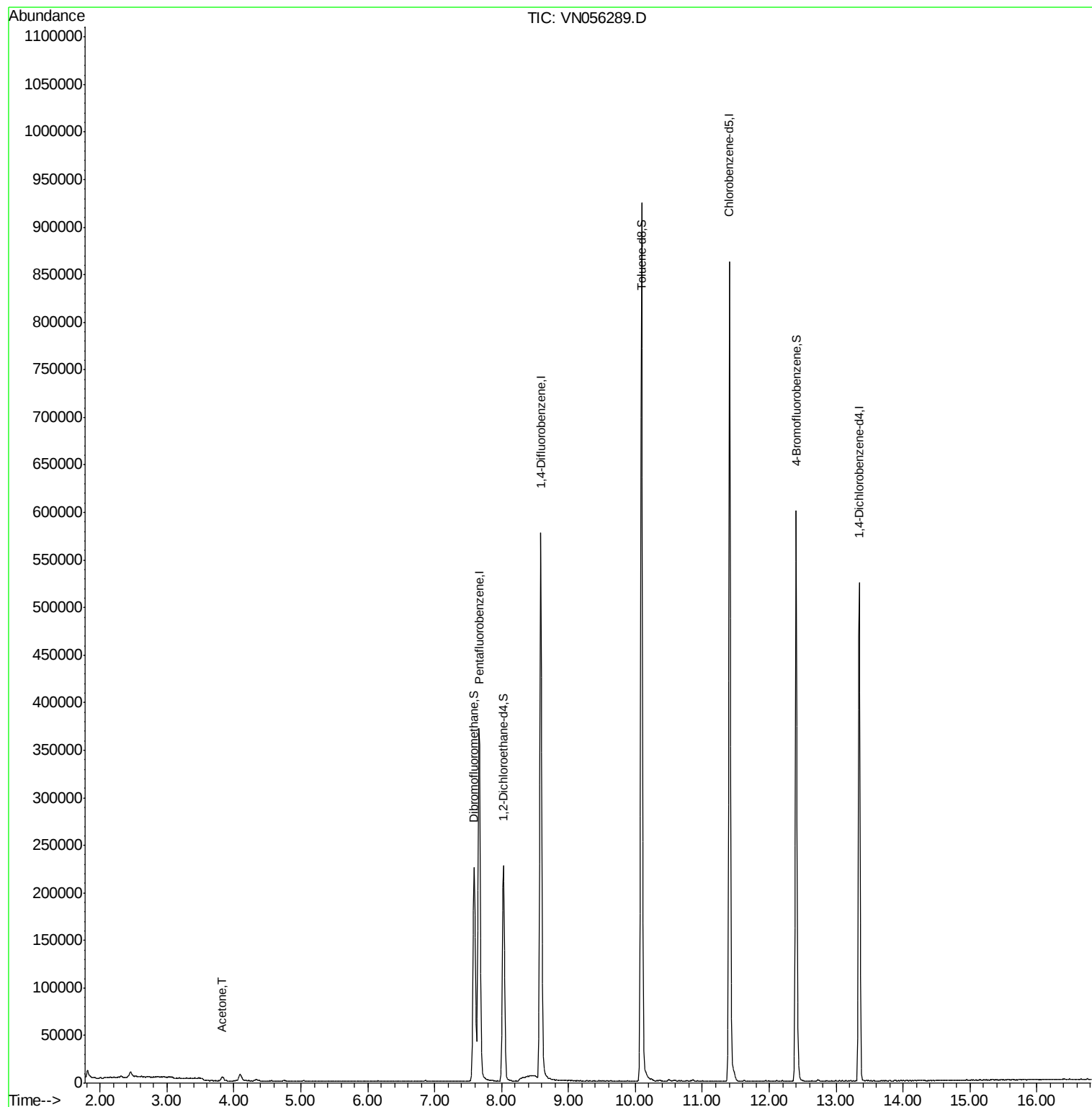
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	341009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	557994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	548384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	156935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	191523	56.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.12%	
35) Dibromofluoromethane	7.59	113	175385	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
50) Toluene-d8	10.09	98	688087	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.40	95	214843	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
16) Acetone	3.82	43	7975	4.925	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: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056289.D

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MSVOA_N

ClientSampleId :

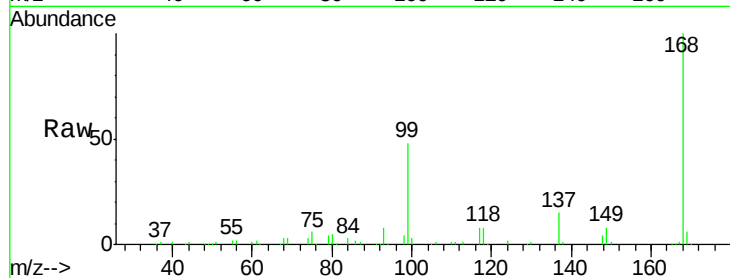
C-MW-11_061119

Tot Ion:168 Resp: 341009

Ion Ratio Lower Upper

168 100

99 48.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

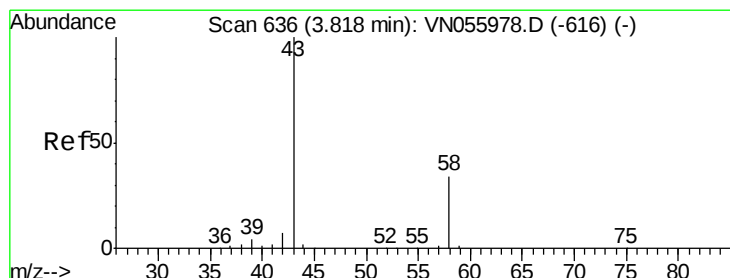
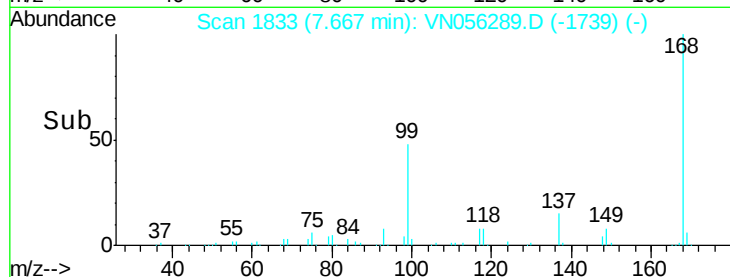
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 4.925 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056289.D

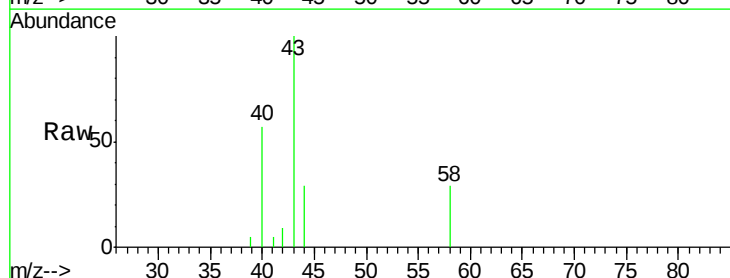
Acq: 13 Jun 2019 18:18

Tgt Ion: 43 Resp: 7975

Ion Ratio Lower Upper

43 100

58 29.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

3000

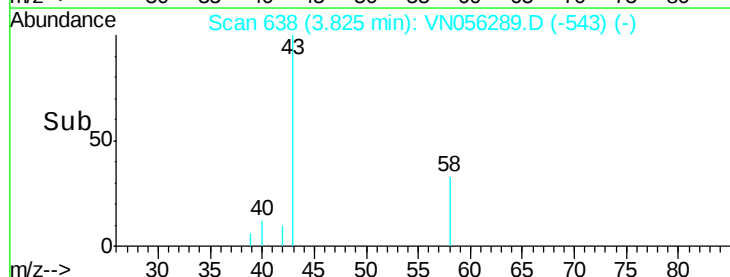
2000

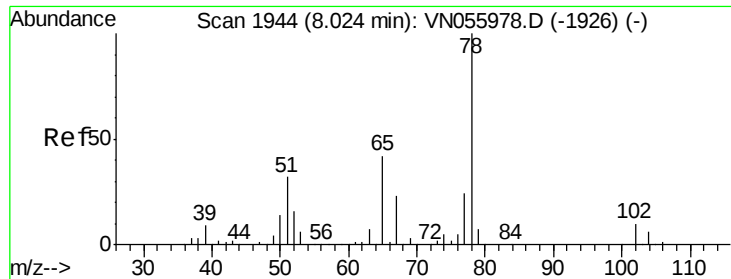
1000

0

3.75 3.80 3.85 3.90 3.95

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.564 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056289.D

Acq: 13 Jun 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

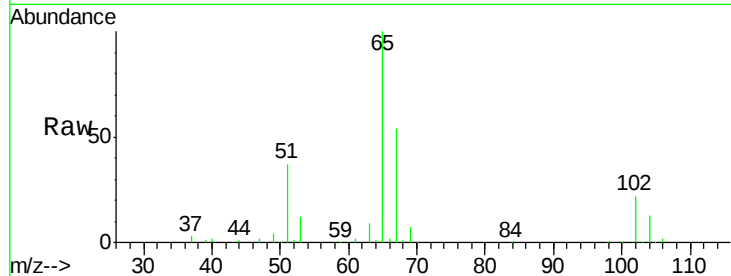
C-MW-11_061119

Tot Ion: 65 Resp: 191523

Ion Ratio Lower Upper

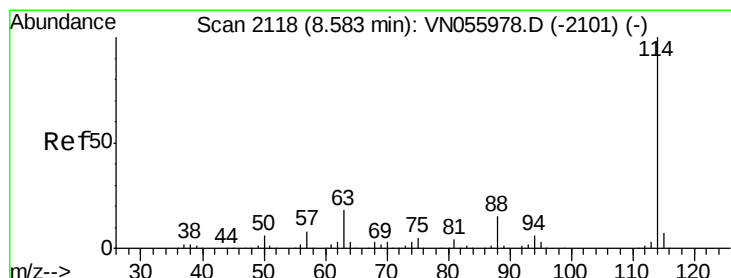
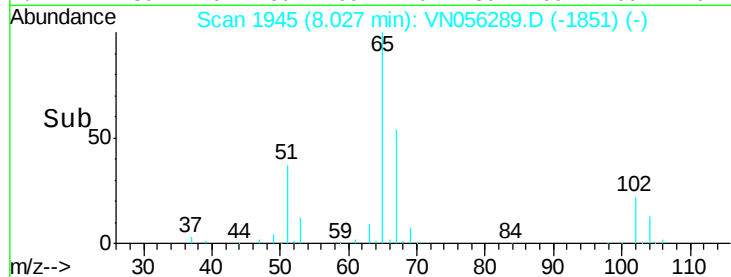
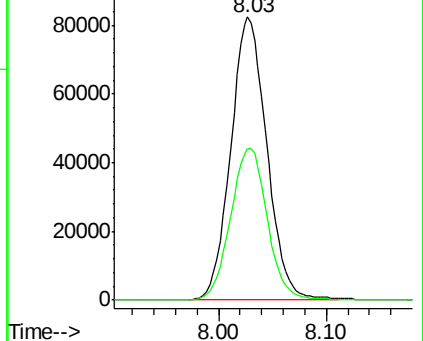
65 100

67 54.8 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056289.D

Acq: 13 Jun 2019 18:18

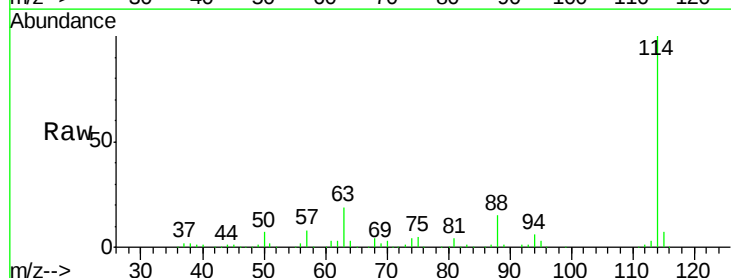
Tgt Ion: 114 Resp: 557994

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

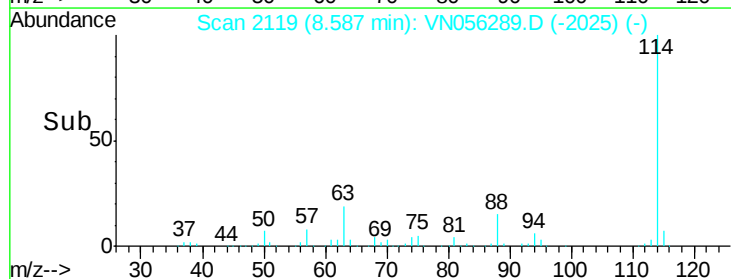
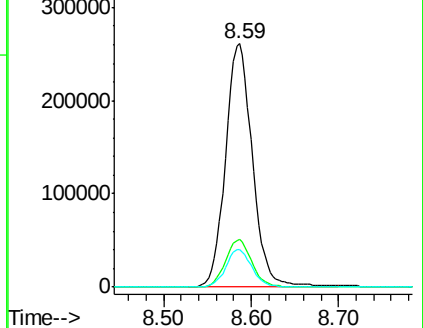
88 15.3 0.0 31.0

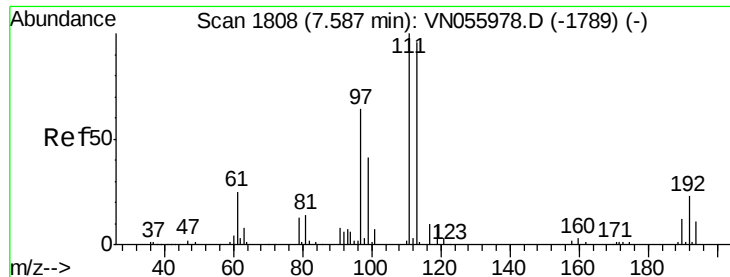


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

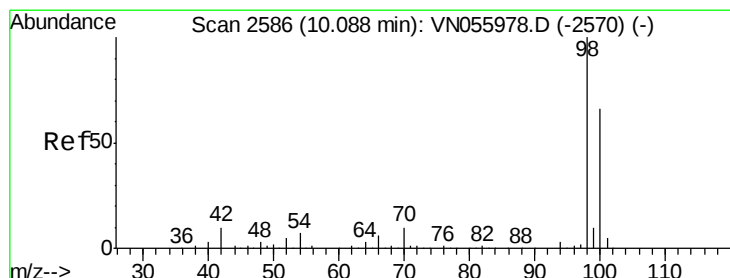
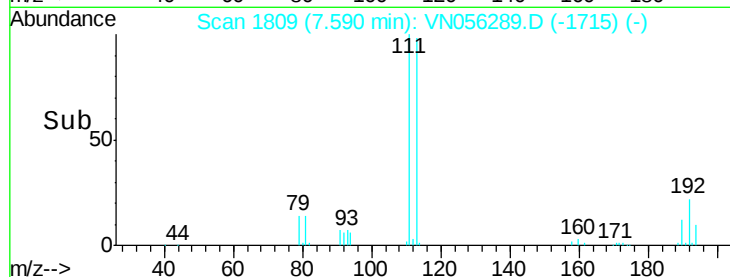
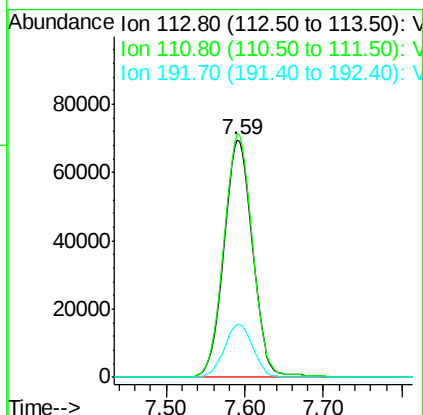
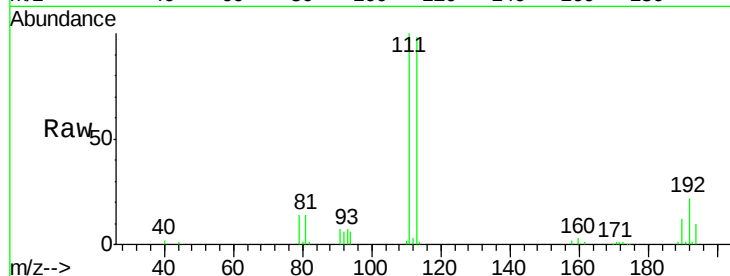




#35
 Dibromofluoromethane
 Concen: 51.230 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056289.D
 Acq: 13 Jun 2019 18:18

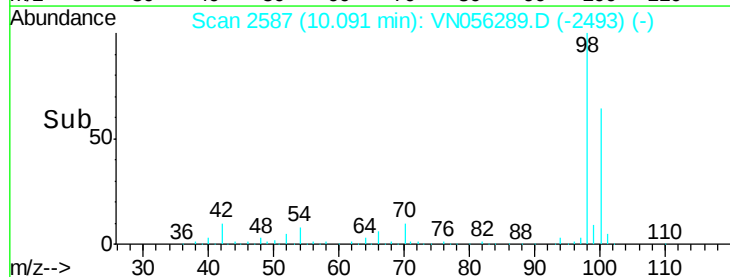
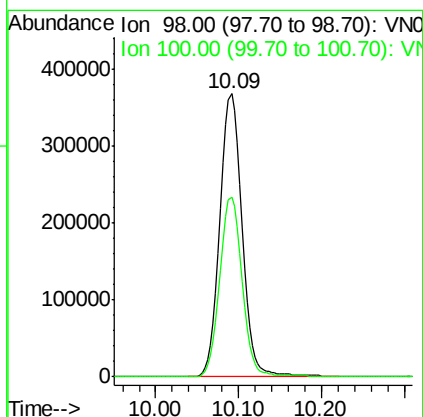
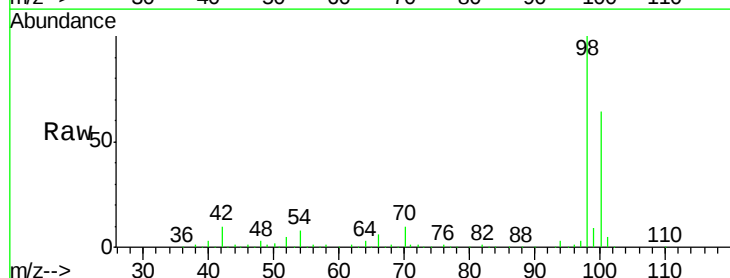
Instrument :
 MSVOA_N
 ClientSampleId :
 C-MW-11_061119

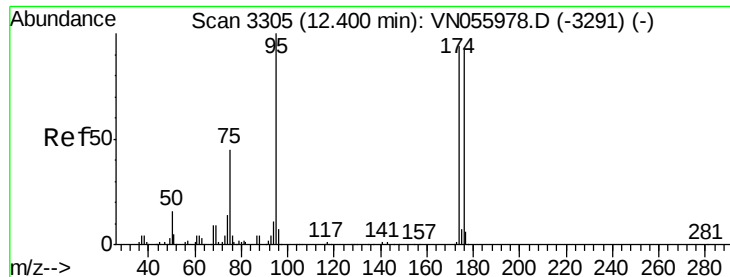
Tot Ion:113 Resp: 175385
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.9 122.9
 192 22.3 19.5 29.3



#50
 Toluene-d8
 Concen: 52.232 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056289.D
 Acq: 13 Jun 2019 18:18

Tgt Ion: 98 Resp: 688087
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 47.956 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056289.D

Acq: 13 Jun 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

C-MW-11_061119

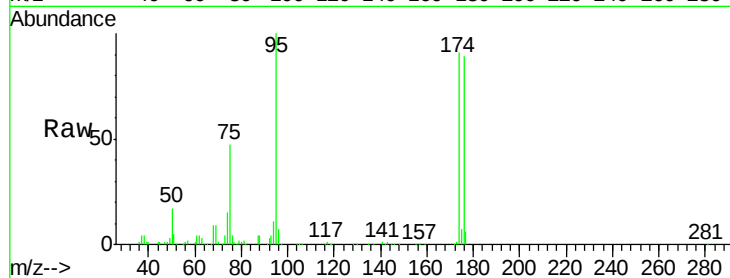
Tot Ion: 95 Resp: 214843

Ion Ratio Lower Upper

95 100

174 92.6 0.0 191.0

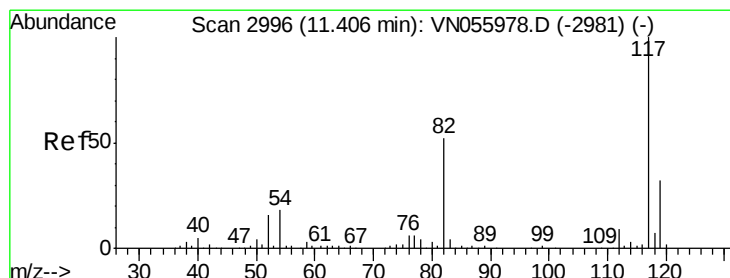
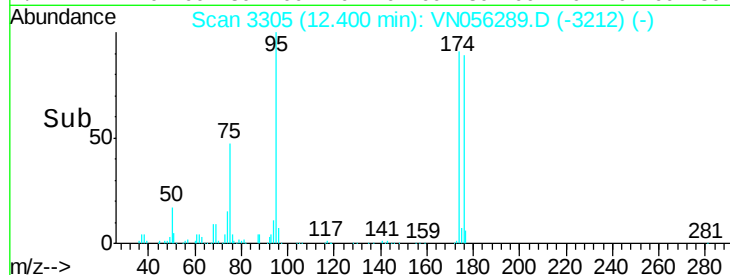
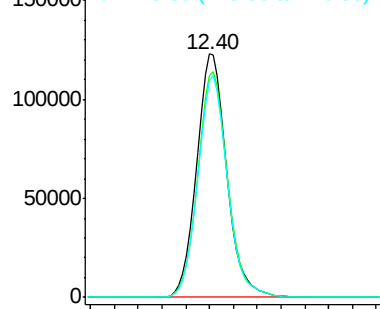
176 89.9 0.0 185.2



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: VN056289.D

Acq: 13 Jun 2019 18:18

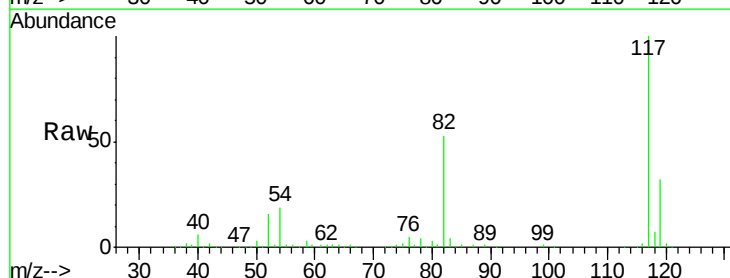
Tgt Ion: 117 Resp: 548384

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

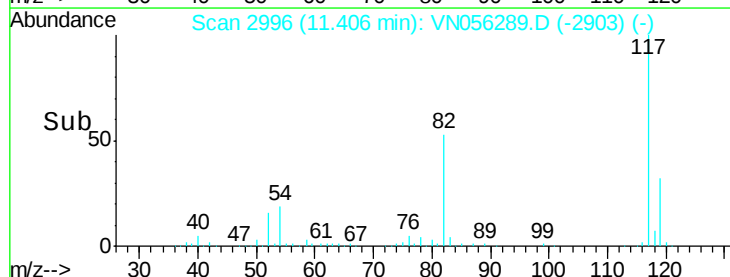
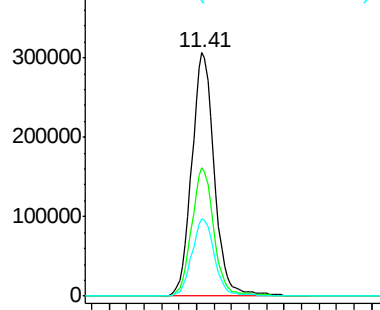
119 31.8 25.4 38.0

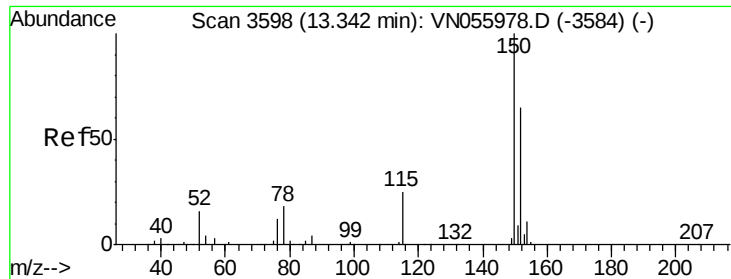


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

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: VN056289.D

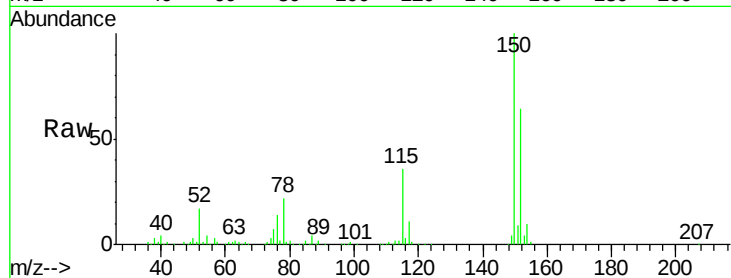
Acq: 13 Jun 2019 18:18

Instrument :

MSVOA_N

ClientSampleId :

C-MW-11_061119



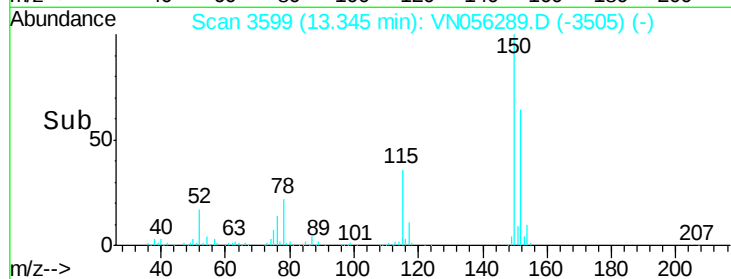
Tot Ion:152 Resp: 156935

Ion Ratio Lower Upper

152 100

115 56.4 27.0 81.0

150 158.0 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

