

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056167.D
 Acq On : 10 Jun 2019 14:07
 Operator : JC/SP
 Sample : K3255-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20190603

Quant Time: Jun 11 03:58:41 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

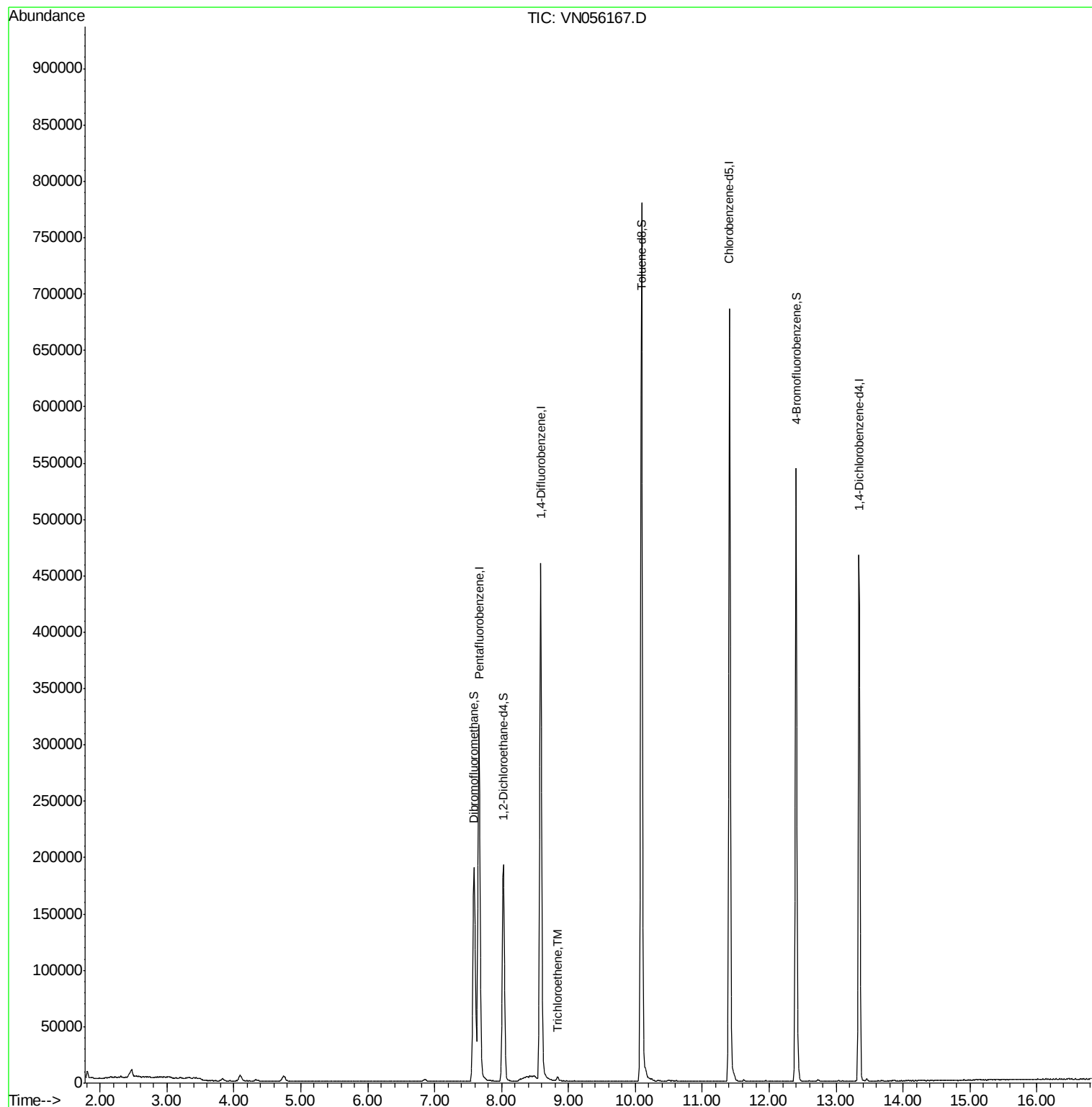
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	295899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	457822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	446012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	143076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	162379	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.54%	
35) Dibromofluoromethane	7.59	113	146824	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	10.09	98	589036	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
62) 4-Bromofluorobenzene	12.40	95	190784	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
Target Compounds						
44) Trichloroethene	8.83	130	1515	0.441	ug/l	Qvalue 90

(#) = 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: VN056167.D

Acq: 10 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

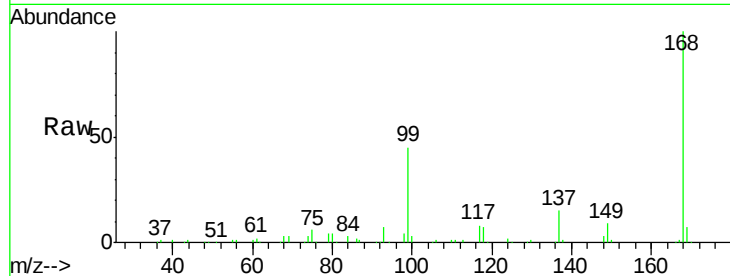
RE117D2-20190603

Tot Ion:168 Resp: 295899

Ion Ratio Lower Upper

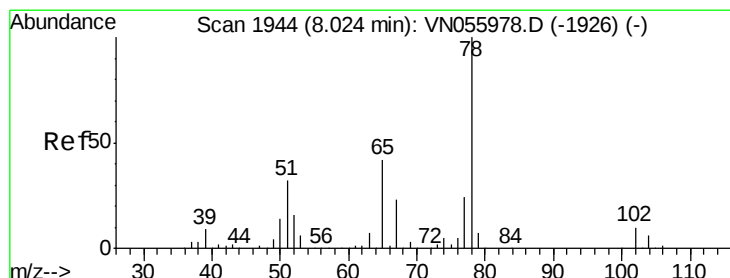
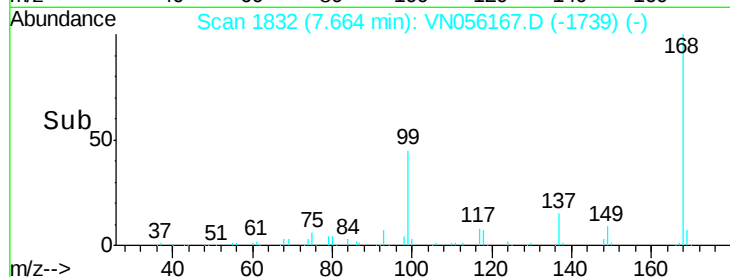
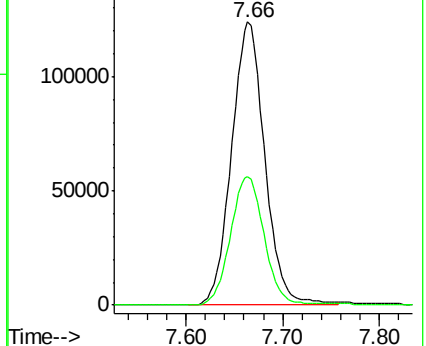
168 100

99 45.3 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: 55.268 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056167.D

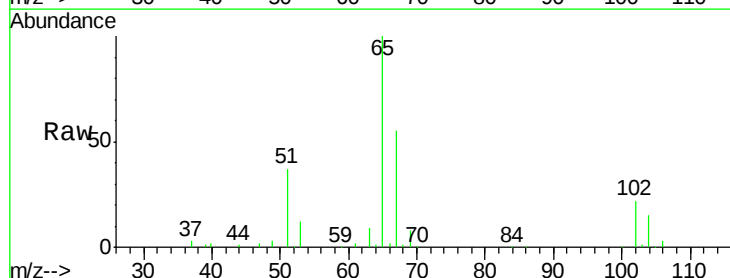
Acq: 10 Jun 2019 14:07

Tgt Ion: 65 Resp: 162379

Ion Ratio Lower Upper

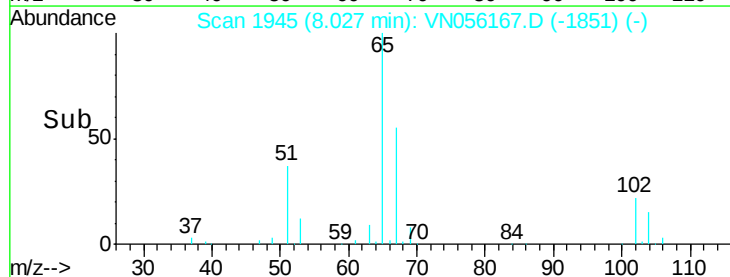
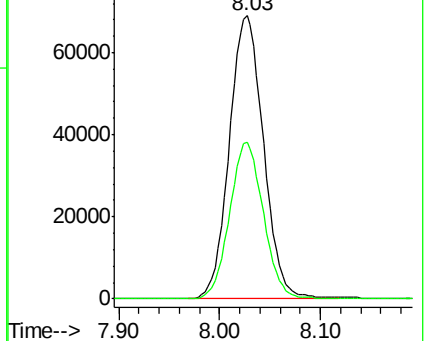
65 100

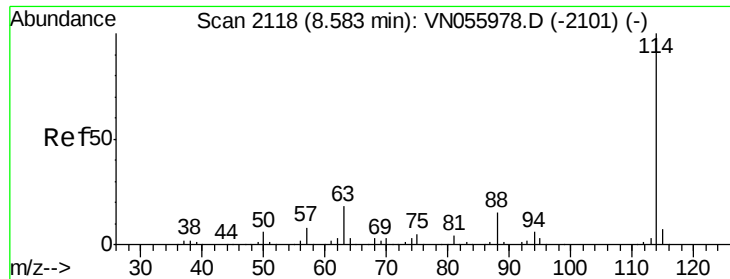
67 54.6 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

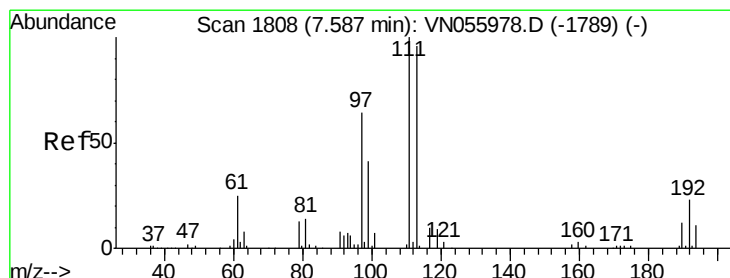
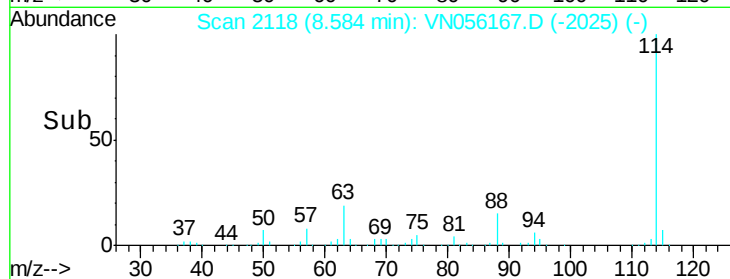
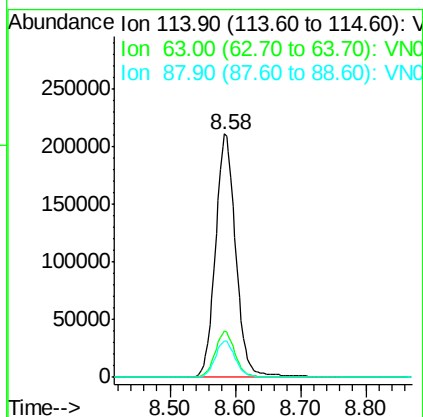
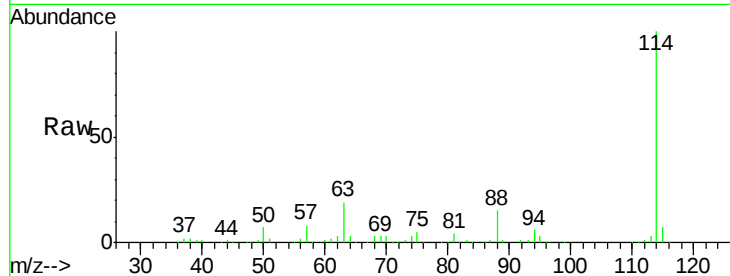




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056167.D
 Acq: 10 Jun 2019 14:07

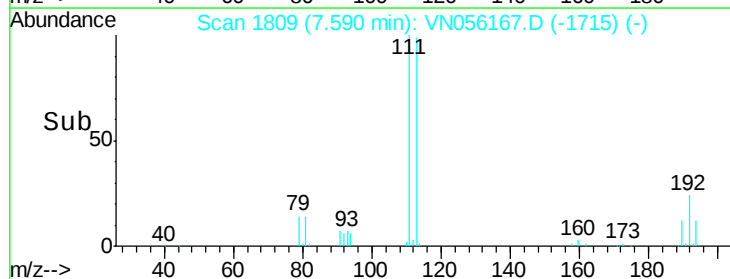
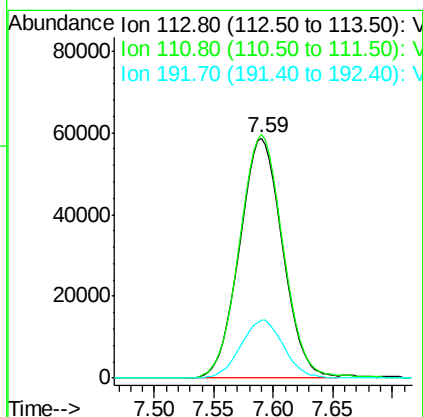
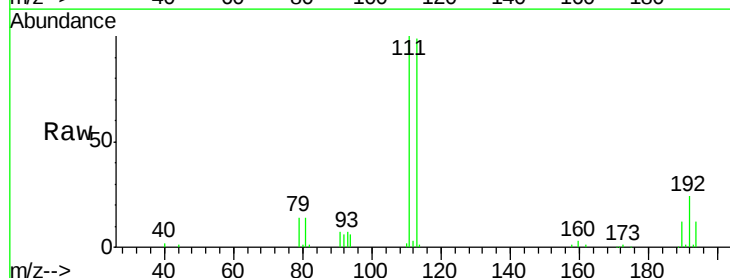
Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20190603

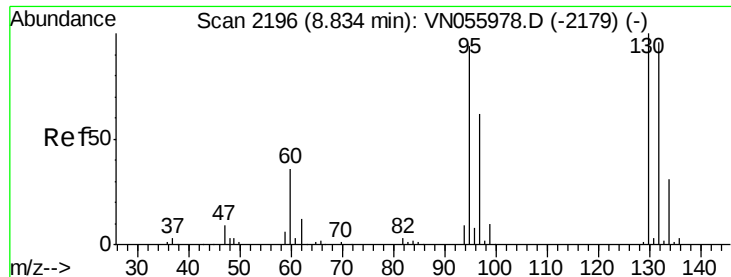
Tot Ion:114 Resp: 457822
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.0 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 52.271 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056167.D
 Acq: 10 Jun 2019 14:07

Tgt Ion:113 Resp: 146824
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 24.1 19.5 29.3





#44

Trichloroethene

Concen: 0.441 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056167.D

Acq: 10 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

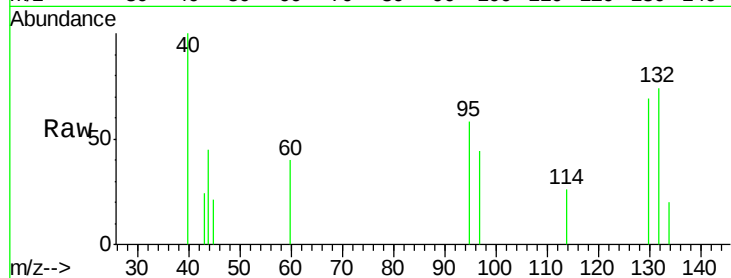
RE117D2-20190603

Tot Ion:130 Resp: 1515

Ion Ratio Lower Upper

130 100

95 84.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.83

800

600

400

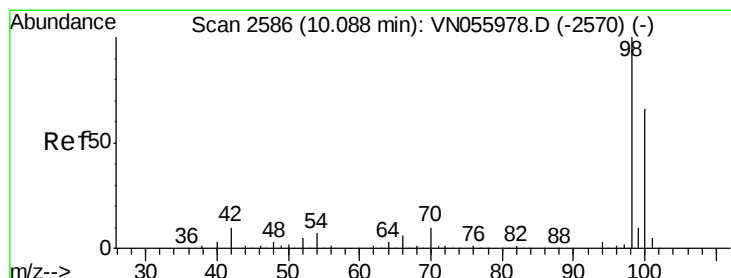
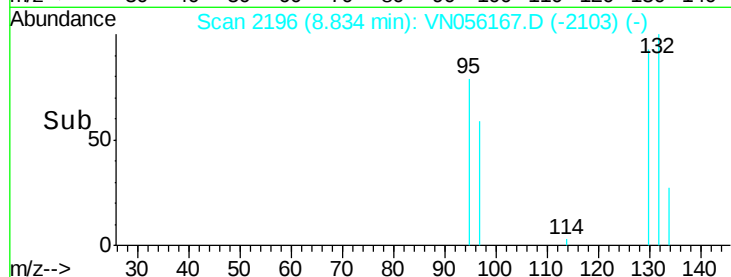
200

0

8.80

8.85

Time-->



#50

Toluene-d8

Concen: 54.497 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056167.D

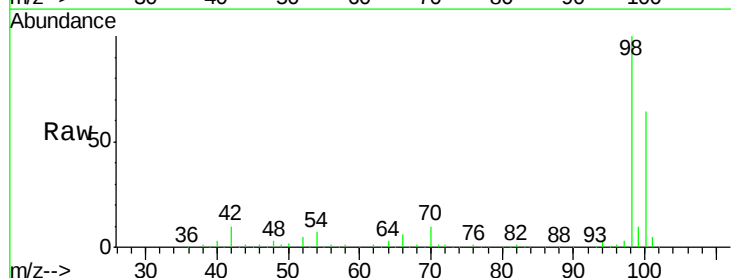
Acq: 10 Jun 2019 14:07

Tgt Ion: 98 Resp: 589036

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

200000

100000

0

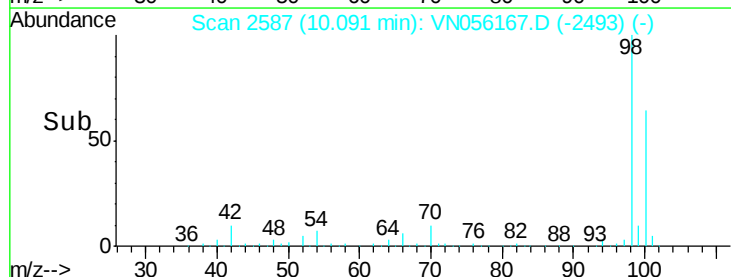
10.00

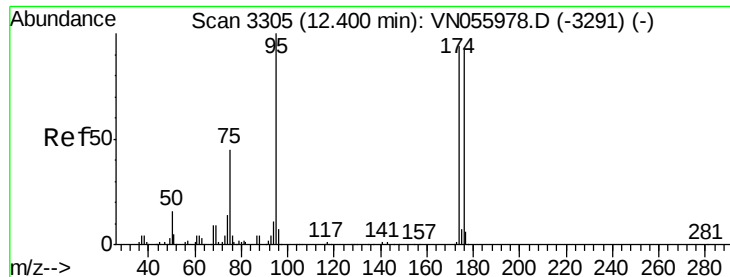
10.10

10.20

10.30

Time-->





#62

4-Bromofluorobenzene

Concen: 51.903 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056167.D

Acq: 10 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

RE117D2-20190603

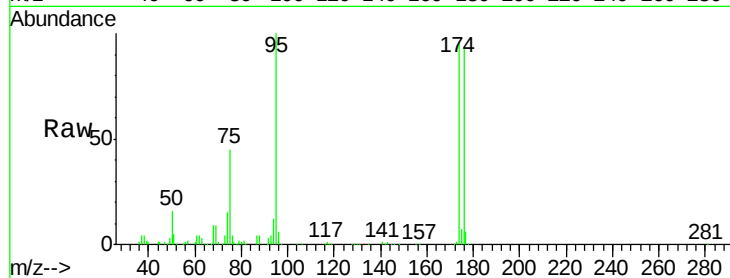
Tot Ion: 95 Resp: 190784

Ion Ratio Lower Upper

95 100

174 97.4 0.0 191.0

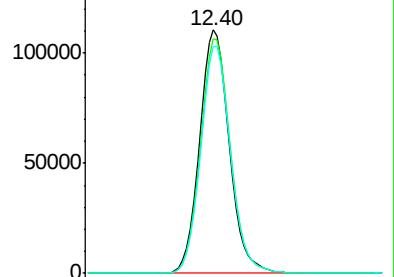
176 93.9 0.0 185.2



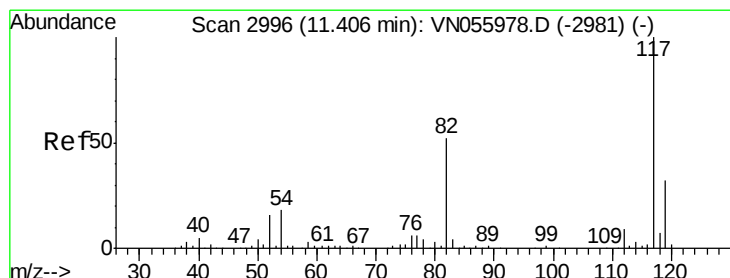
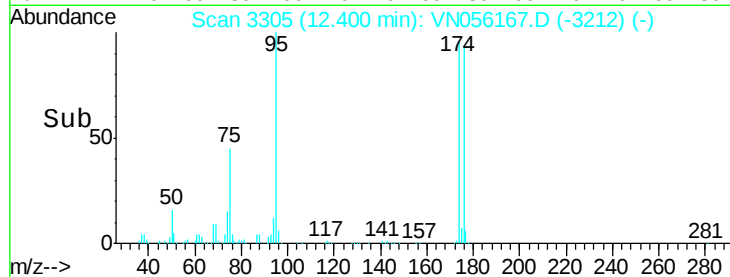
Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

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

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



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056167.D

Acq: 10 Jun 2019 14:07

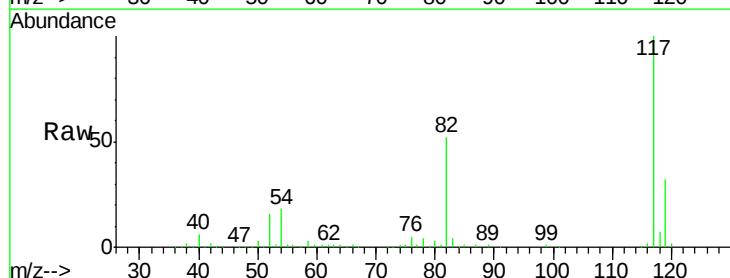
Tgt Ion: 117 Resp: 446012

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.8

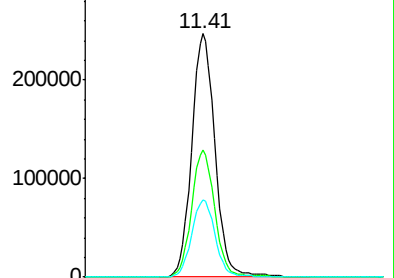
119 31.9 25.4 38.0



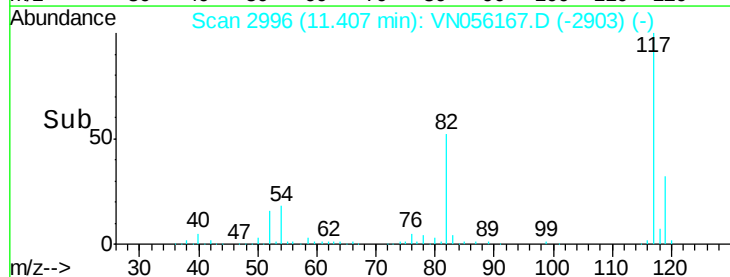
Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

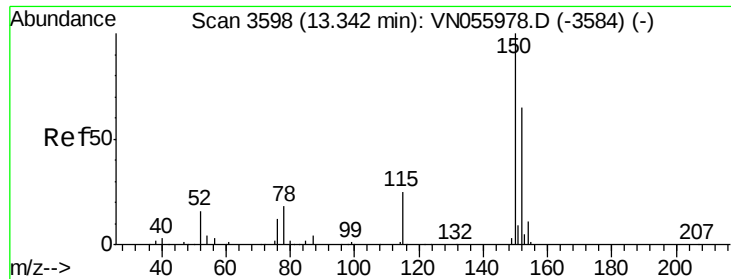
Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

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



Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN056167.D

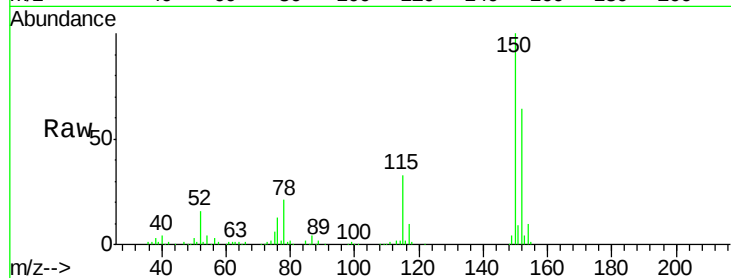
Acq: 10 Jun 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

RE117D2-20190603



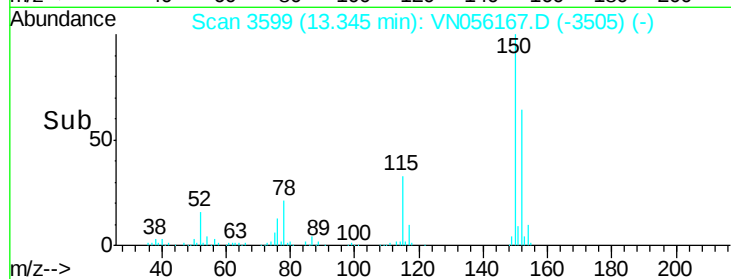
Tot Ion:152 Resp: 143076

Ion Ratio Lower Upper

152 100

115 52.3 27.0 81.0

150 156.7 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

