

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055611.D
 Acq On : 17 May 2019 15:35
 Operator : JC/SP
 Sample : K2918-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: May 18 03:33:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	413412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	588189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	493616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189182	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	194379	42.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.78%	
35) Dibromofluoromethane	7.59	113	179935	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.09	98	682447	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.40	95	216740	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	

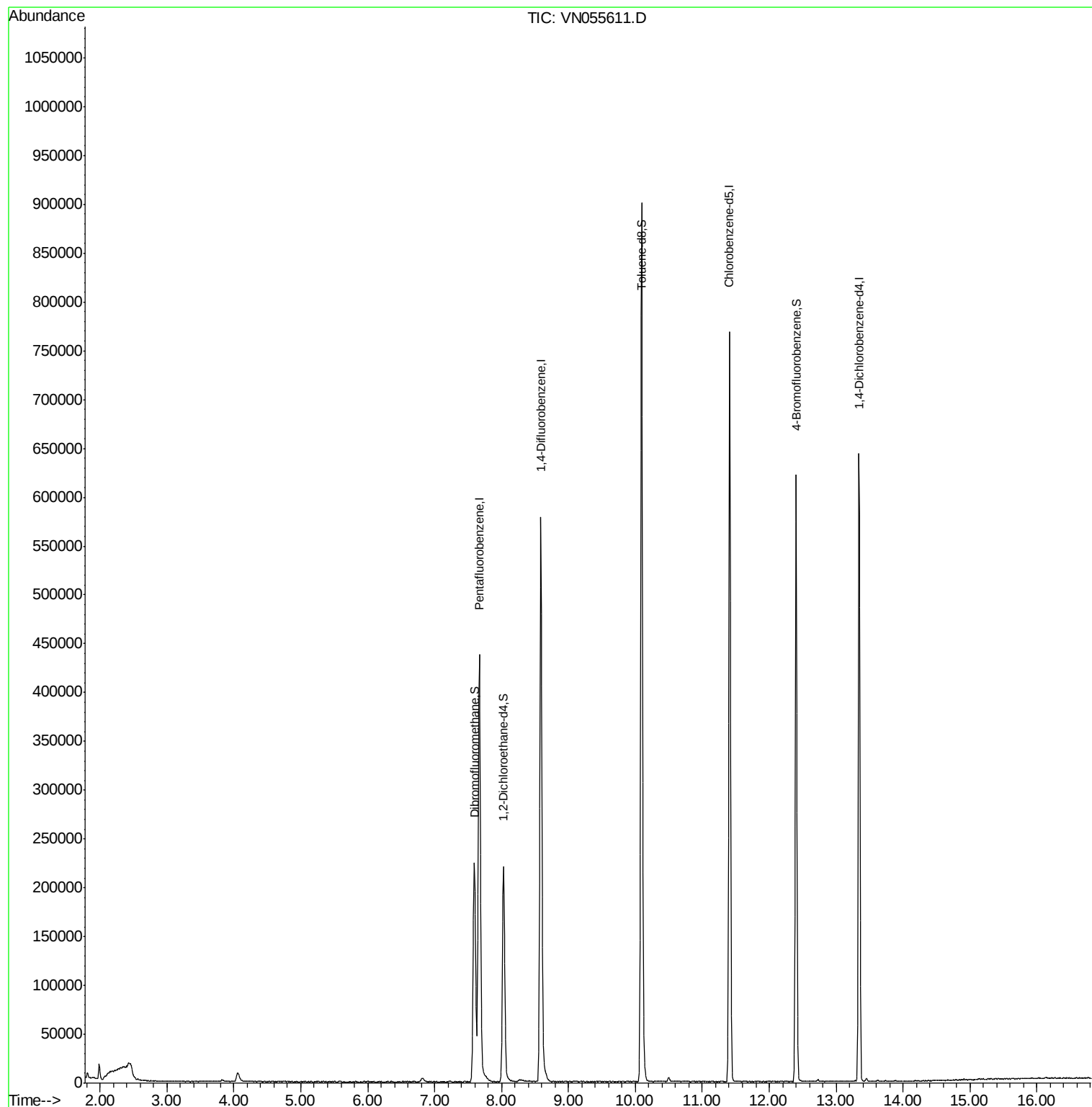
Target Compounds	Qvalue

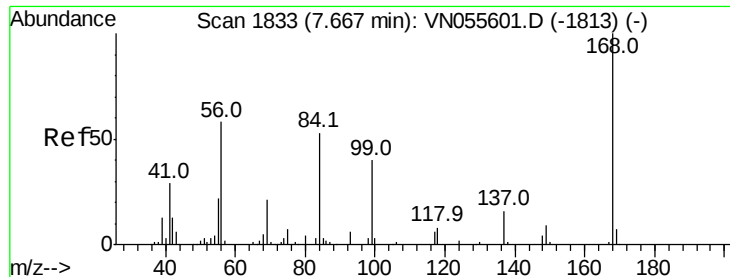
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055611.D

Acq: 17 May 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

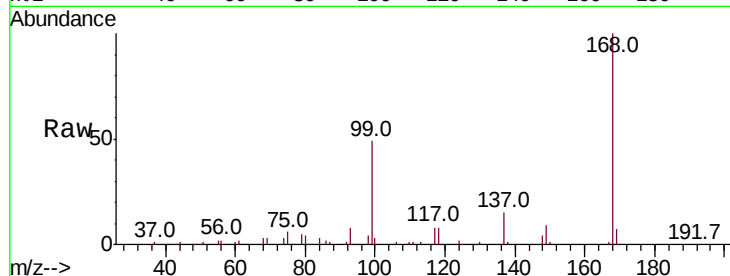
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 413412

Ion Ratio Lower Upper

168 100

99 48.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

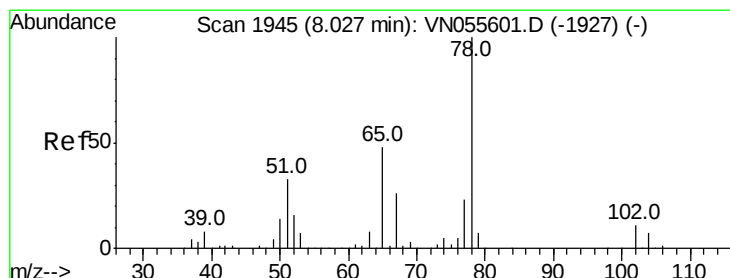
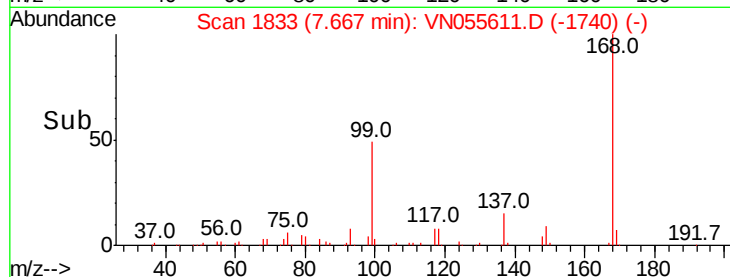
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.892 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055611.D

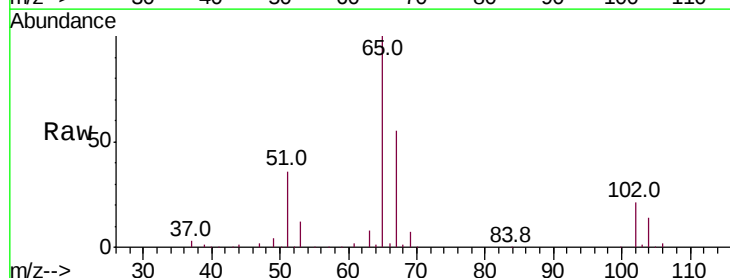
Acq: 17 May 2019 15:35

Tgt Ion: 65 Resp: 194379

Ion Ratio Lower Upper

65 100

67 55.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

80000

60000

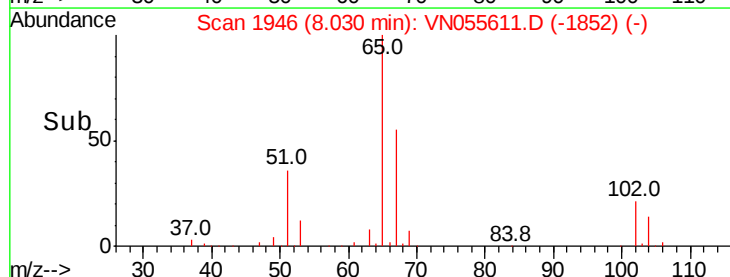
40000

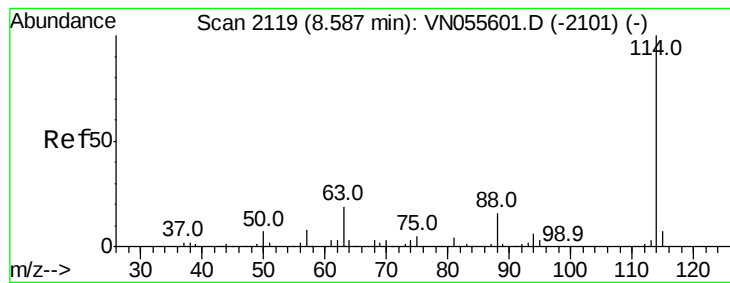
20000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055611.D

Acq: 17 May 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

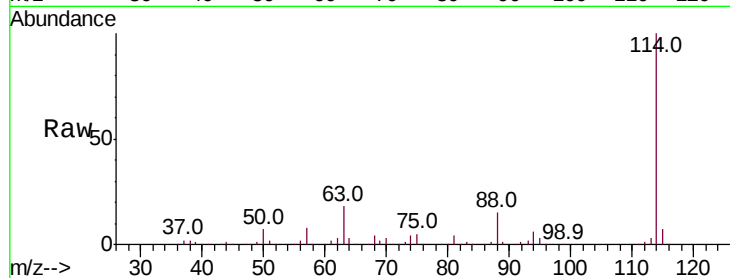
Tot Ion:114 Resp: 588189

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.2

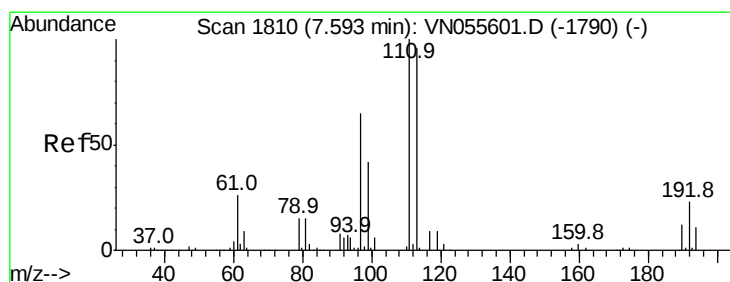
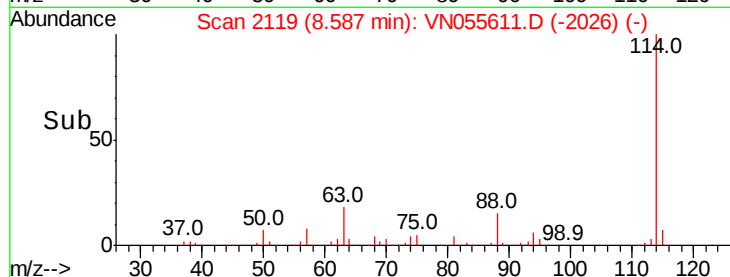
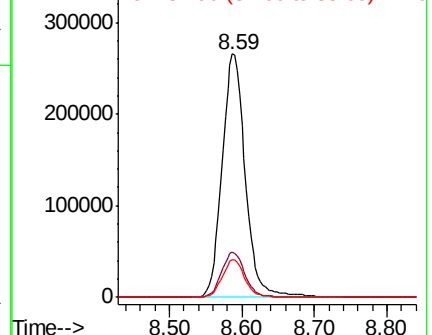
88 15.4 0.0 31.0



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: 48.157 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055611.D

Acq: 17 May 2019 15:35

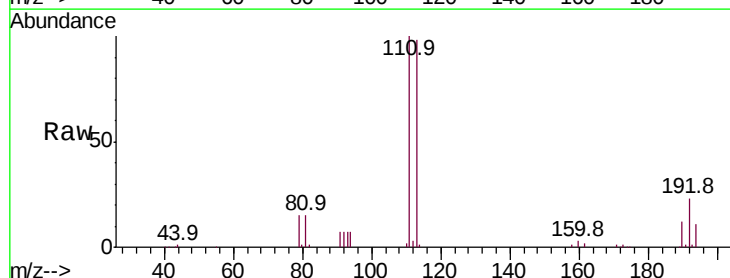
Tgt Ion:113 Resp: 179935

Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

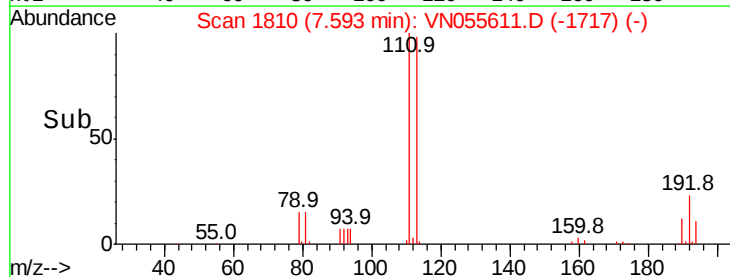
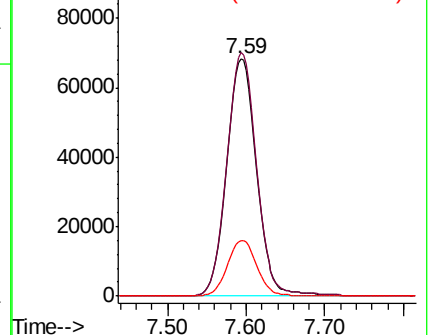
192 23.1 18.7 28.1

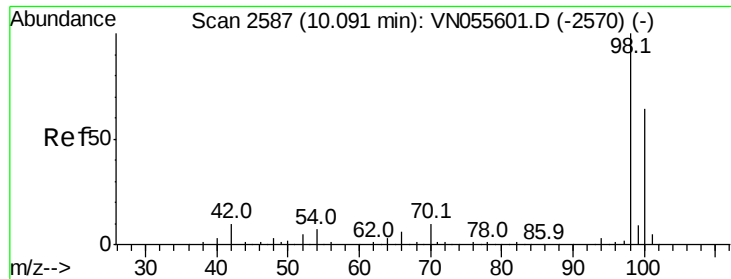


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.305 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055611.D

Acq: 17 May 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

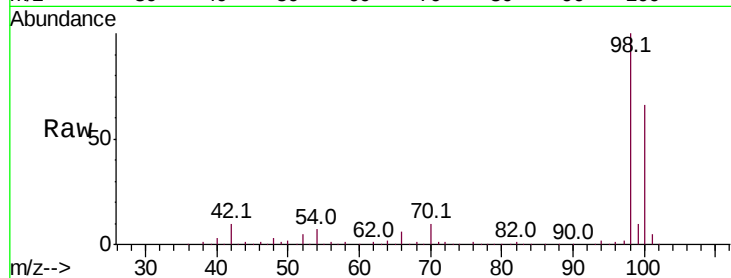
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 682447

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

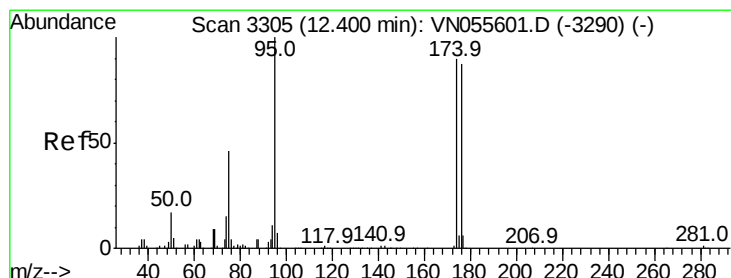
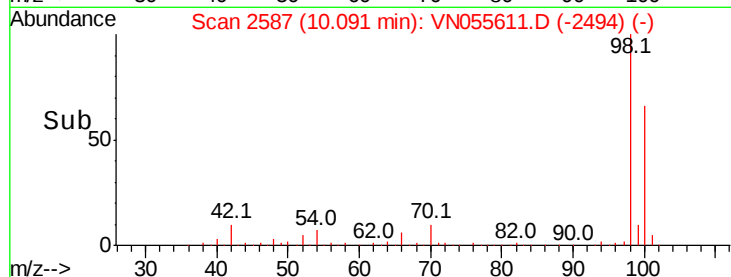
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.427 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055611.D

Acq: 17 May 2019 15:35

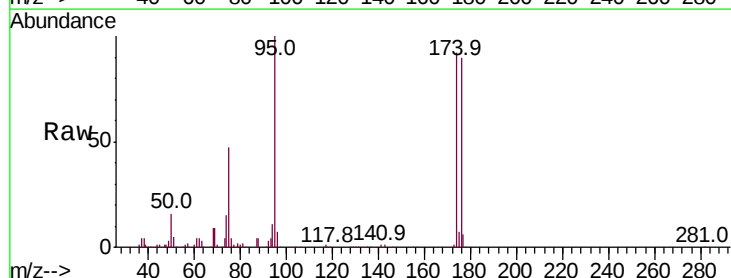
Tgt Ion: 95 Resp: 216740

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.6

176 90.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

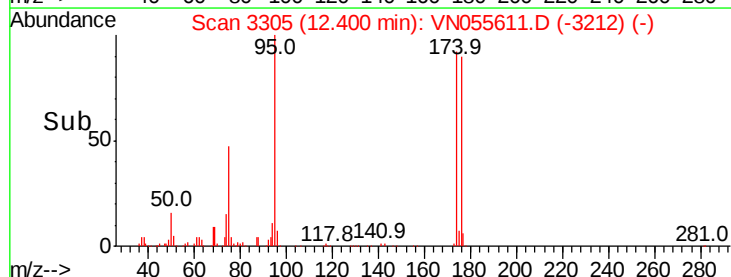
150000

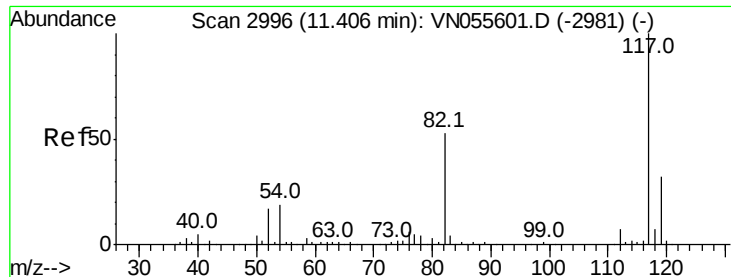
100000

50000

0

Time-->

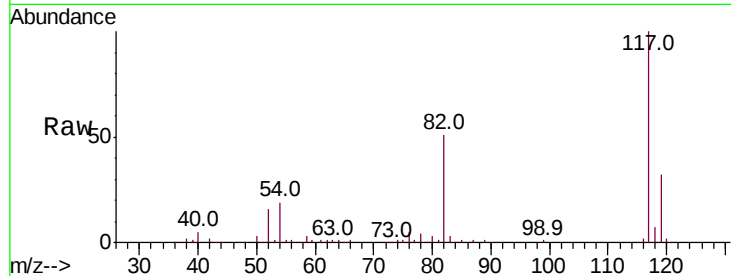




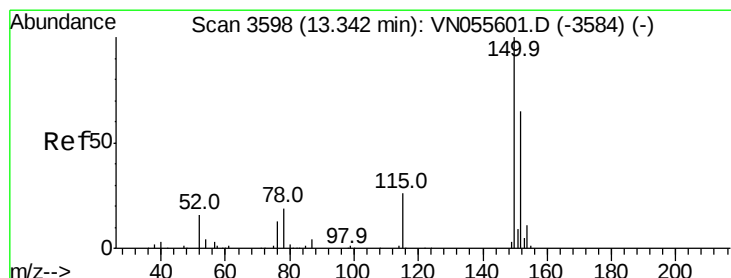
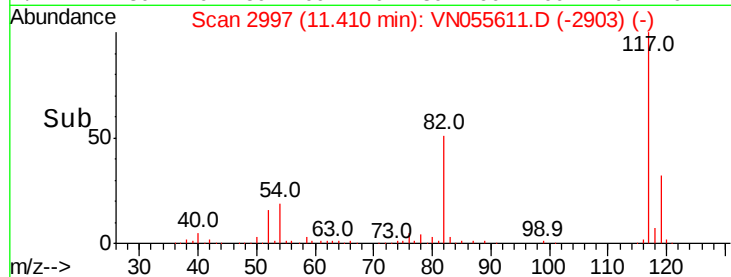
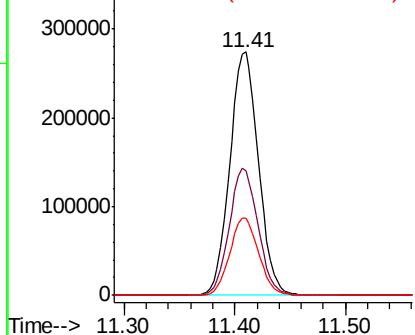
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055611.D
Acq: 17 May 2019 15:35

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 493616
Ion Ratio Lower Upper
117 100
82 51.4 42.3 63.5
119 31.8 25.4 38.2

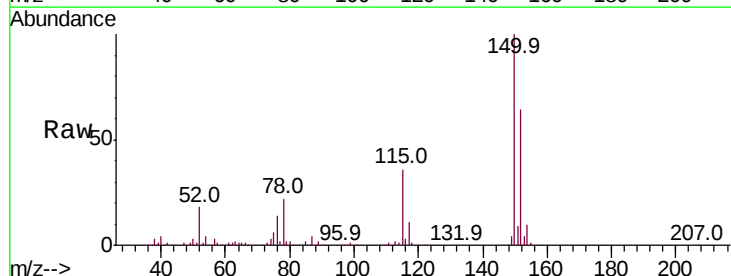


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055611.D
Acq: 17 May 2019 15:35

Tgt Ion:152 Resp: 189182
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.2
150 156.3 0.0 348.0



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

