

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041419\
 Data File : VN055028.D
 Acq On : 13 Apr 2019 14:35
 Operator : JC/SP
 Sample : K2371-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Apr 14 03:45:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	528364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	828805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	693496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	229170	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	331139	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
35) Dibromofluoromethane	7.59	113	260018	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
50) Toluene-d8	10.09	98	976496	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.40	95	298229	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	

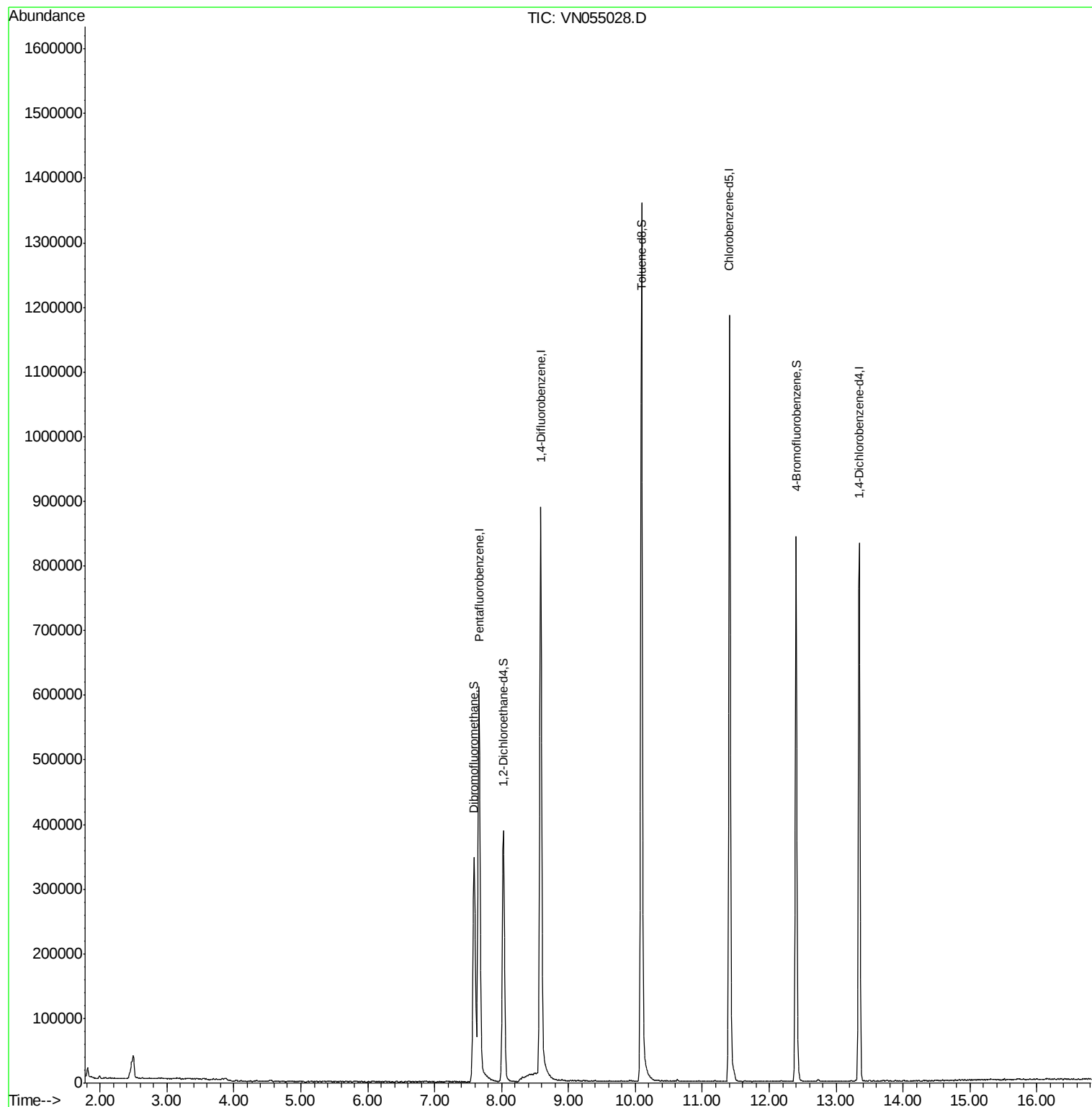
Target Compounds	Qvalue
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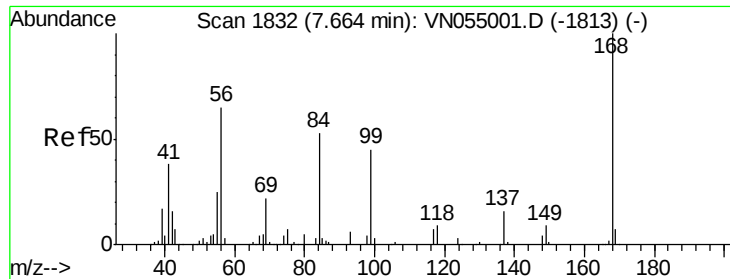
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 13 03:34:24 2019
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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: VN055028.D

Acq: 13 Apr 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

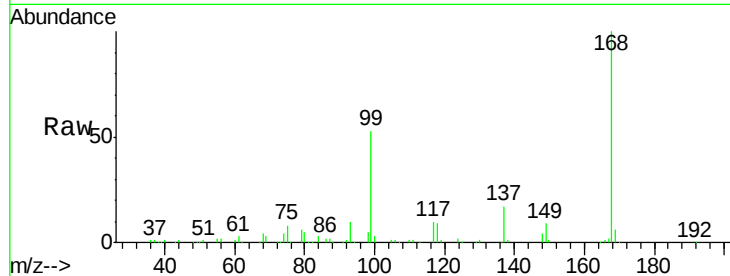
TRIP-BLANK

Tot Ion:168 Resp: 528364

Ion Ratio Lower Upper

168 100

99 53.2 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055001.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055001.D (-1813) (-)

7.66

250000

200000

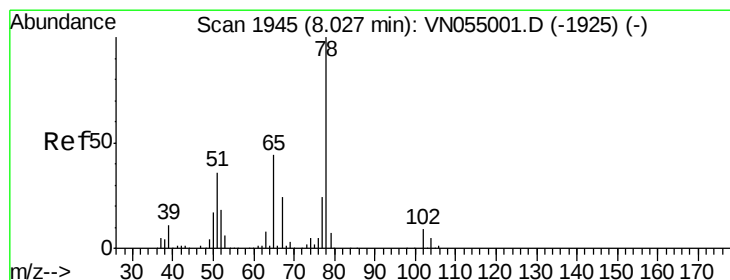
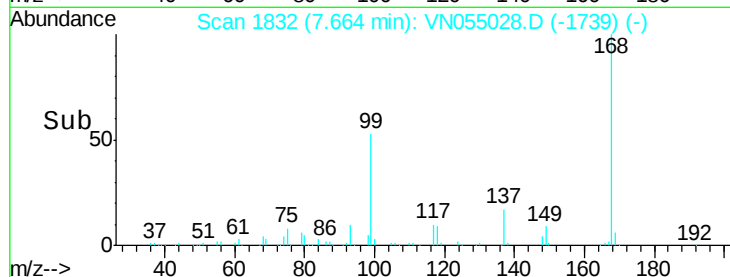
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.941 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055028.D

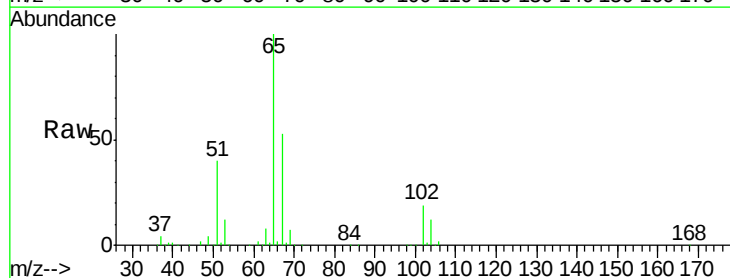
Acq: 13 Apr 2019 14:35

Tgt Ion: 65 Resp: 331139

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN055001.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN055001.D (-1925) (-)

8.03

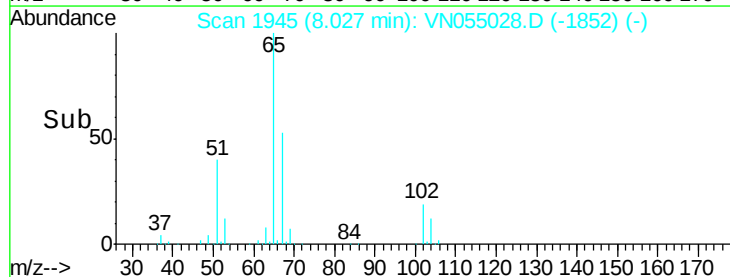
150000

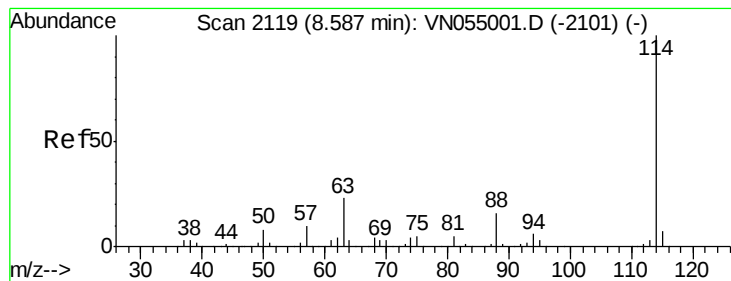
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055028.D

Acq: 13 Apr 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

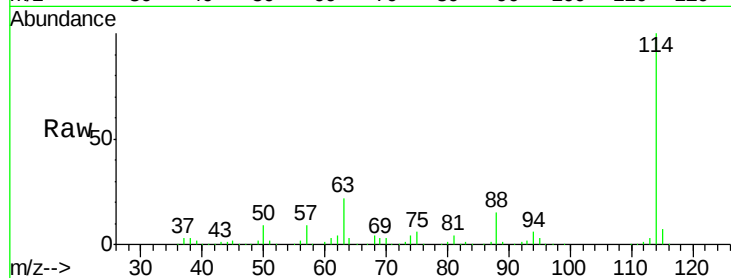
Tot Ion:114 Resp: 828805

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

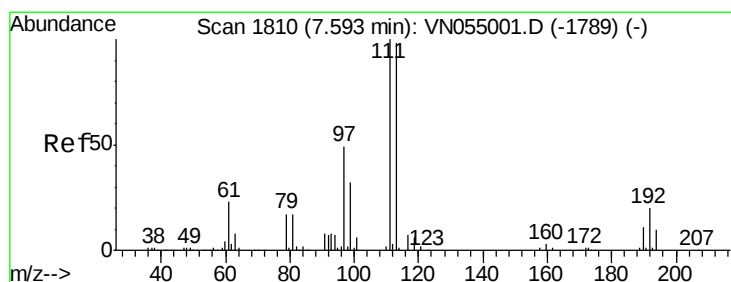
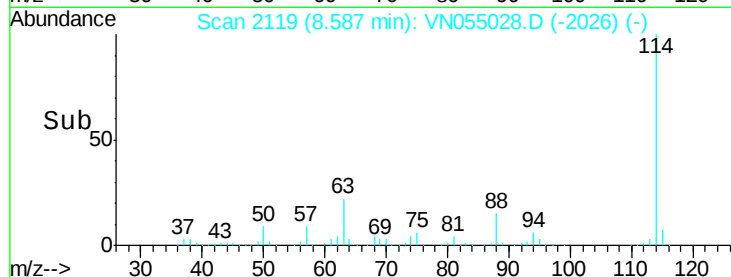
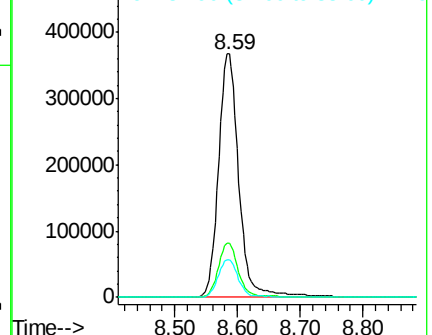
88 15.5 0.0 31.8



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: 49.214 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055028.D

Acq: 13 Apr 2019 14:35

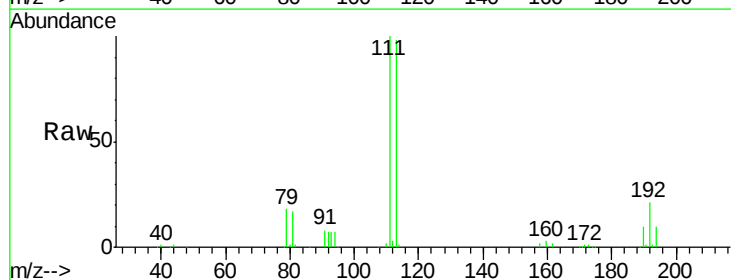
Tgt Ion:113 Resp: 260018

Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

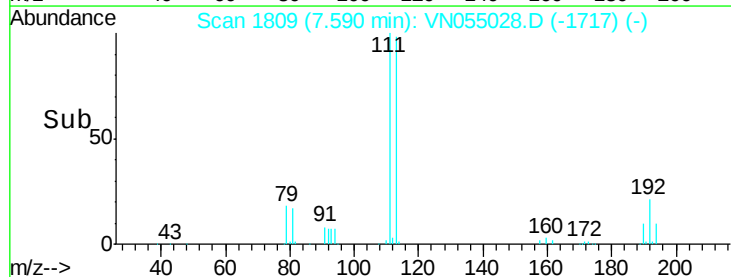
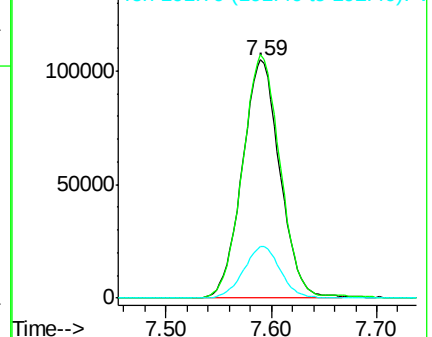
192 21.3 16.5 24.7

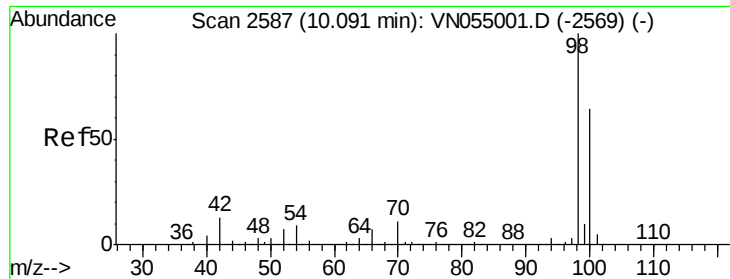


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.321 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055028.D

Acq: 13 Apr 2019 14:35

Instrument :

MSVOA_N

ClientSampled :

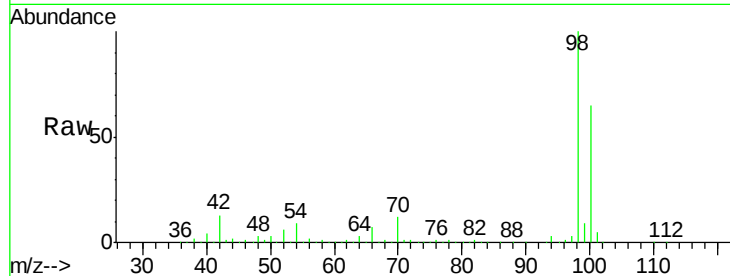
TRIP-BLANK

Tot Ion: 98 Resp: 976496

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055001.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055001.D (-2569) (-)

10.09

500000

400000

300000

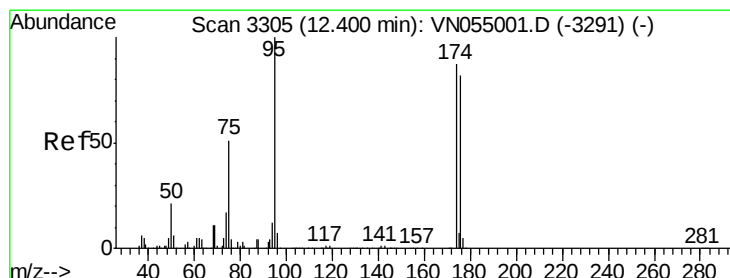
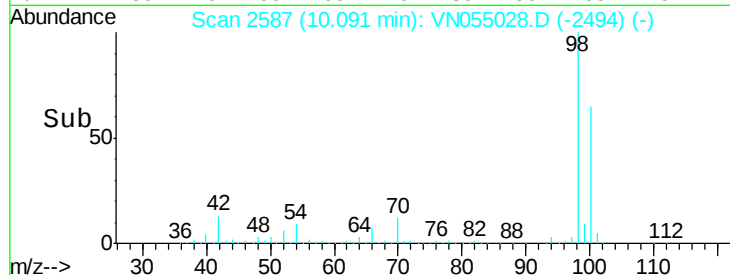
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 45.625 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055028.D

Acq: 13 Apr 2019 14:35

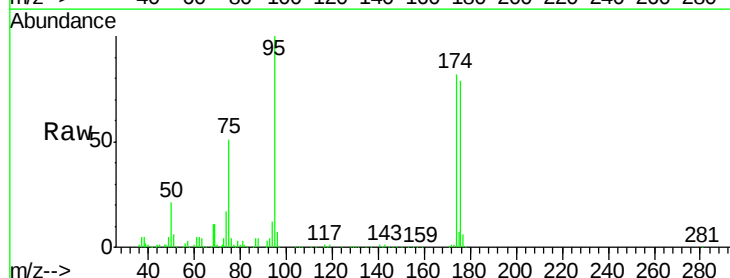
Tgt Ion: 95 Resp: 298229

Ion Ratio Lower Upper

95 100

174 83.4 0.0 174.4

176 81.0 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055001.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055001.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055001.D (-3291) (-)

12.40

200000

150000

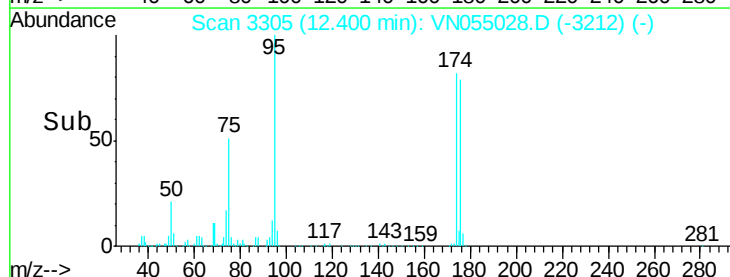
100000

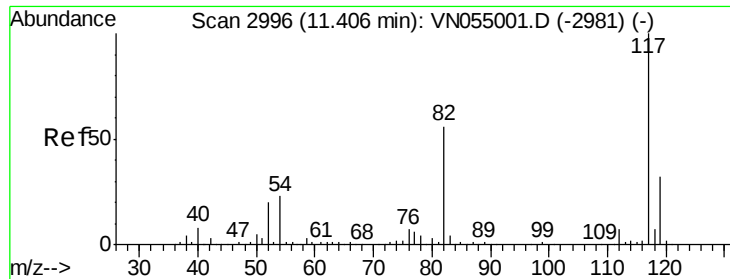
50000

0

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: VN055028.D

Acq: 13 Apr 2019 14:35

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

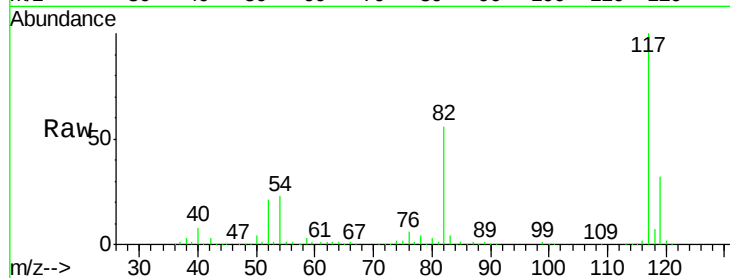
Tot Ion:117 Resp: 693496

Ion Ratio Lower Upper

117 100

82 55.8 44.6 66.8

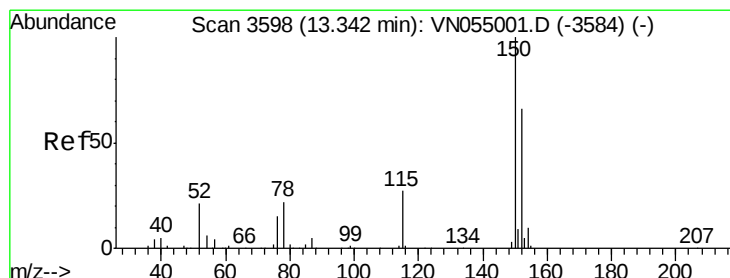
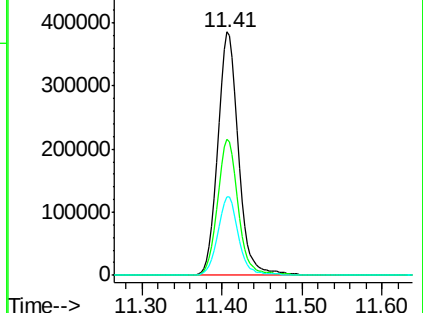
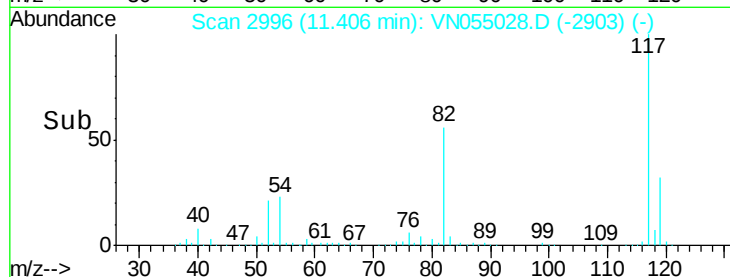
119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055028.D

Acq: 13 Apr 2019 14:35

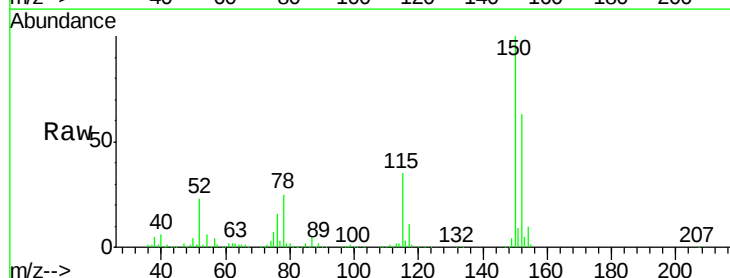
Tgt Ion:152 Resp: 229170

Ion Ratio Lower Upper

152 100

115 57.0 28.5 85.6

150 158.0 0.0 347.2



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

