

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051505.D
 Acq On : 26 Sep 2018 00:29
 Operator : MD\SY
 Sample : J5065-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RFK-RMAB-MW11-GW

Quant Time: Sep 27 13:11:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	653325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1004366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319183	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	460850	56.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.62%	
35) Dibromofluoromethane	7.59	113	397759	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	10.09	98	1415468	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	12.40	95	388338	39.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.38%	

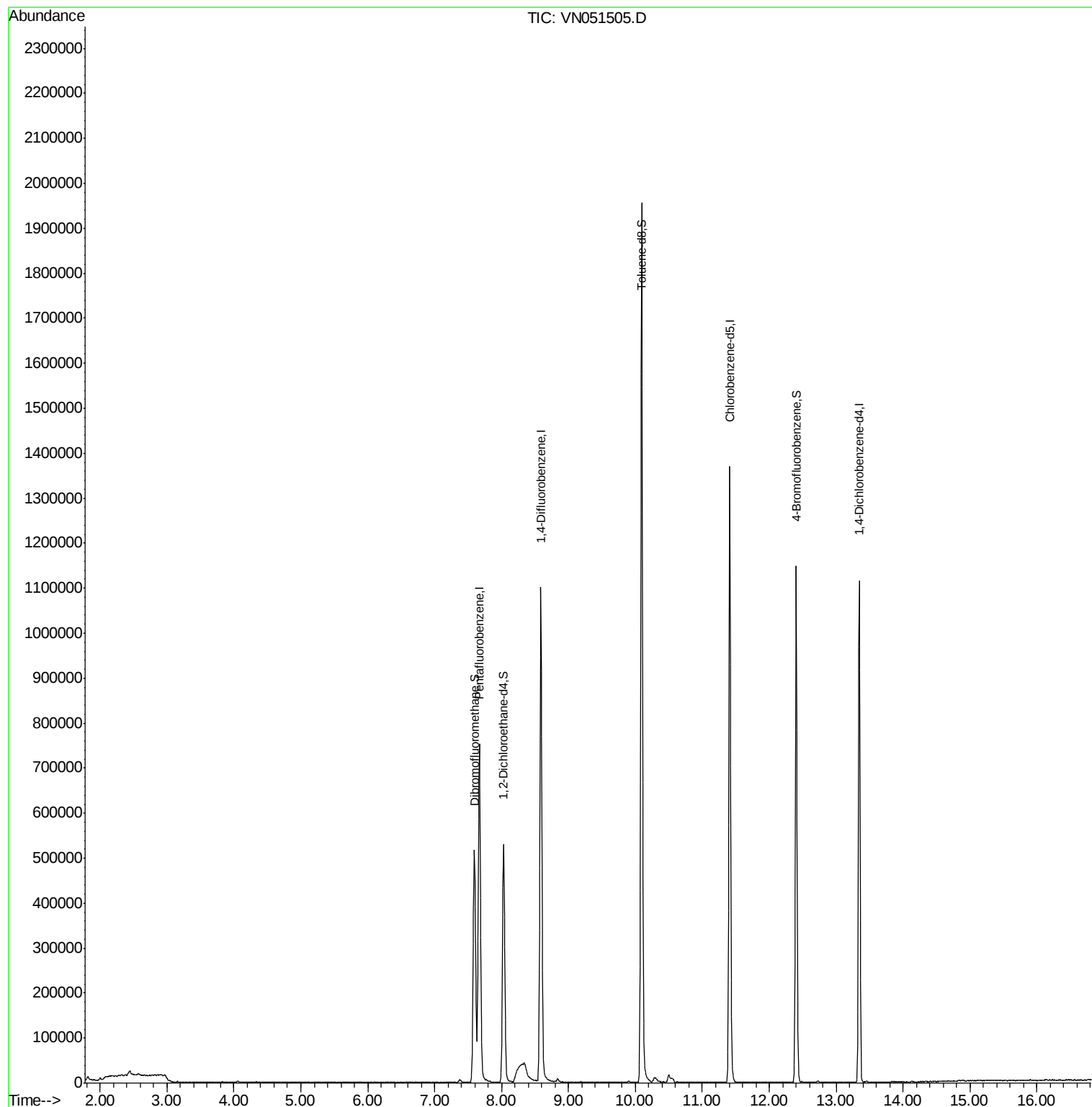
Target Compounds	Qvalue
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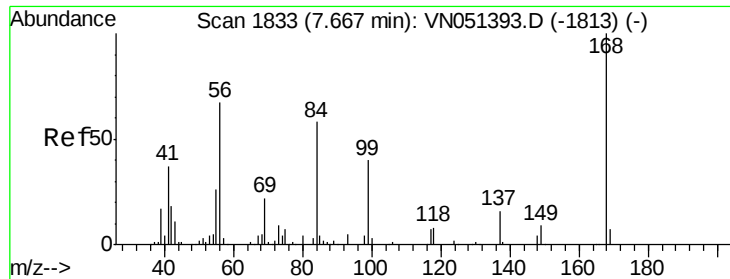
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051505.D

Acq: 26 Sep 2018 00:29

Instrument :

MSVOA_N

ClientSampleId :

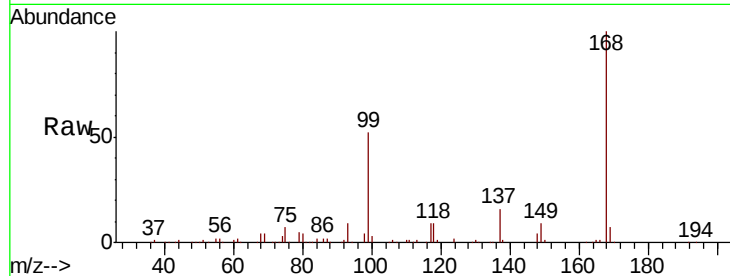
RFK-RMAB-MW11-GW

Tgt Ion:168 Resp: 653325

Ion Ratio Lower Upper

168 100

99 51.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

300000

250000

200000

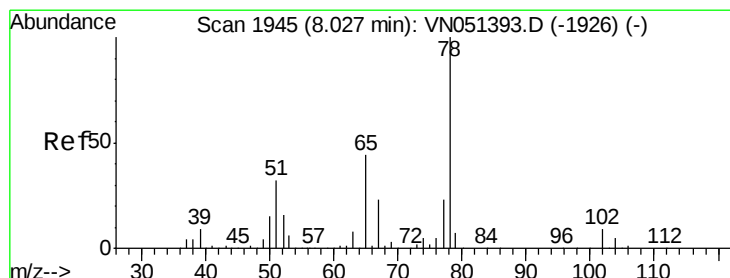
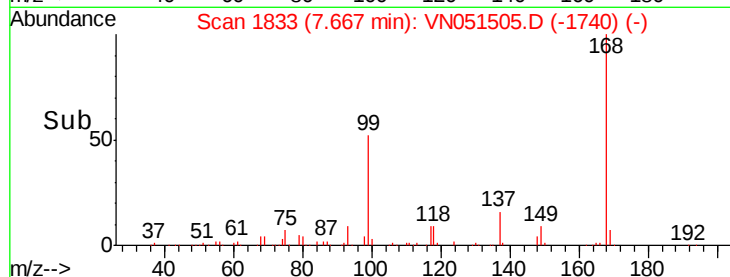
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.311 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051505.D

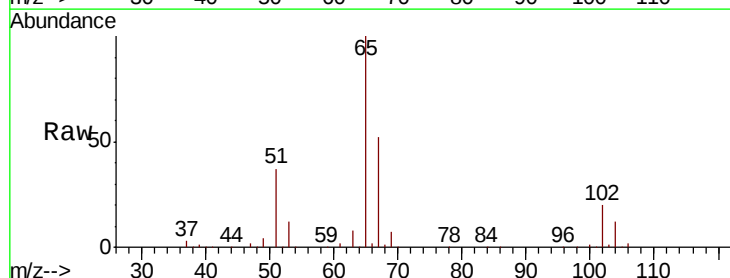
Acq: 26 Sep 2018 00:29

Tgt Ion: 65 Resp: 460850

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VN051393.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051393.D (-1926) (-)

8.03

200000

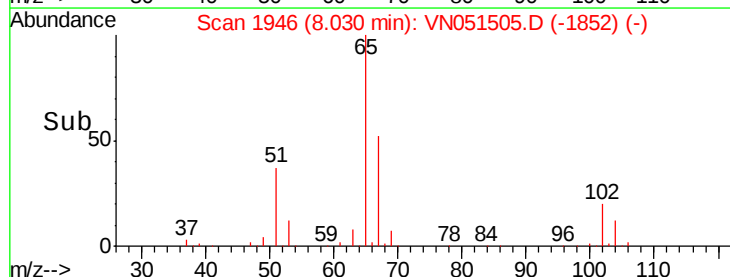
150000

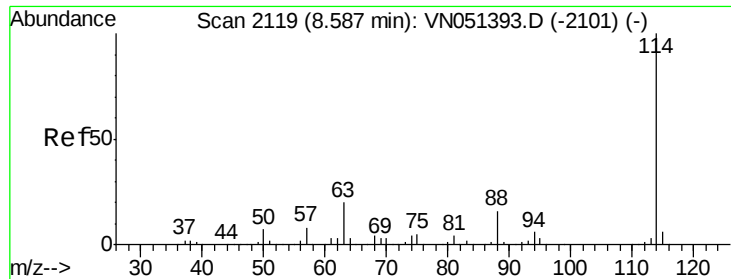
100000

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: VN051505.D

Acq: 26 Sep 2018 00:29

Instrument :

MSVOA_N

ClientSampleId :

RFK-RMAB-MW11-GW

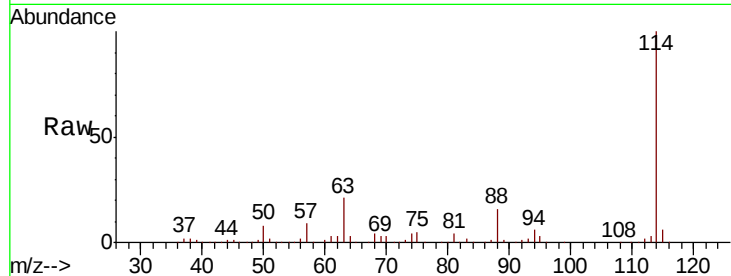
Tgt Ion:114 Resp: 1004366

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

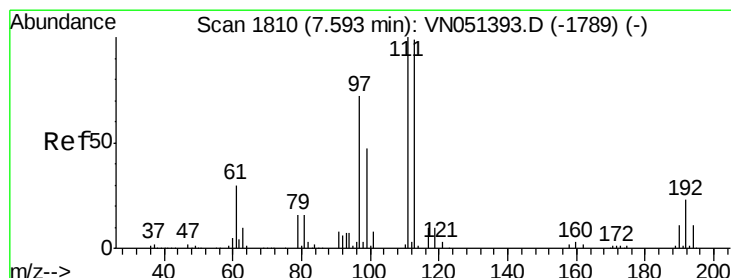
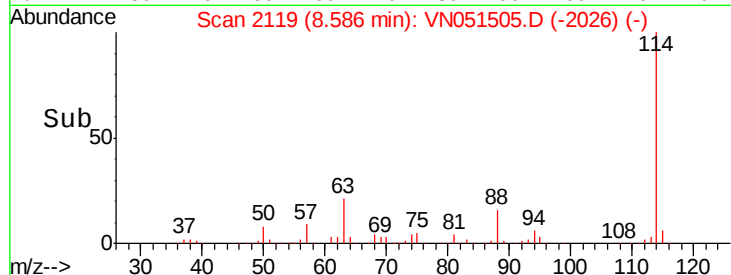
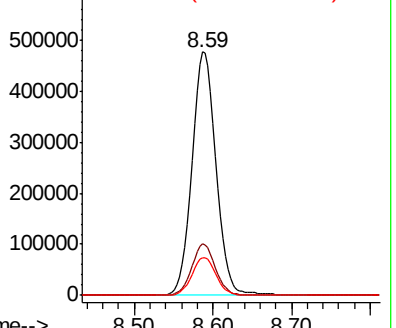
88 15.6 0.0 31.4



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: 49.525 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051505.D

Acq: 26 Sep 2018 00:29

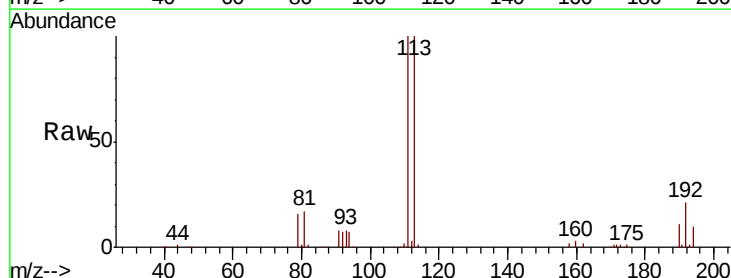
Tgt Ion:113 Resp: 397759

Ion Ratio Lower Upper

113 100

111 100.4 82.6 123.8

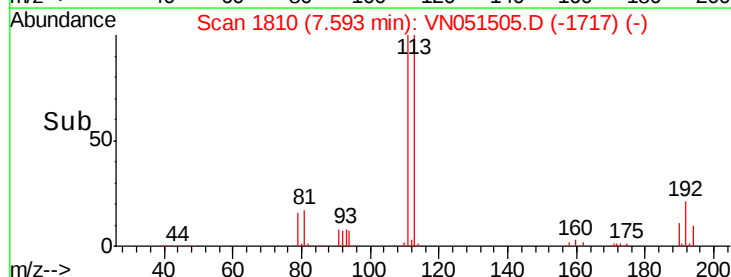
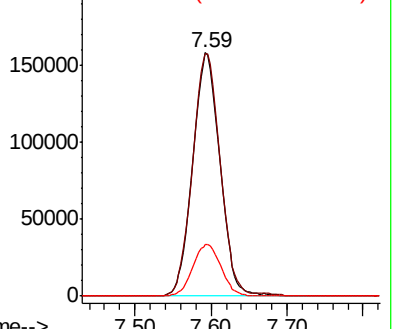
192 21.9 18.0 27.0

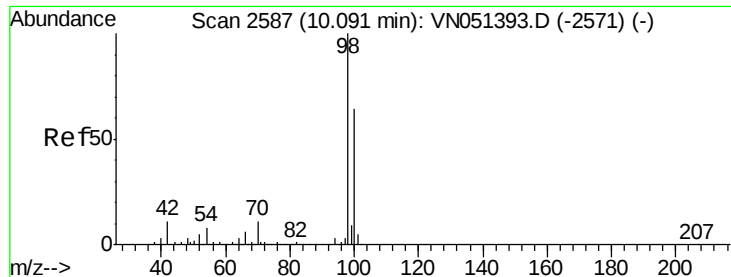


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.802 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051505.D

Acq: 26 Sep 2018 00:29

Instrument :

MSVOA_N

ClientSampleId :

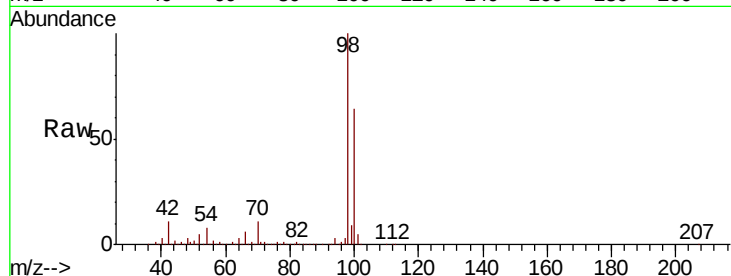
RFK-RMAB-MW11-GW

Tgt Ion: 98 Resp: 1415468

Ion Ratio Lower Upper

98 100

100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

10.09

800000

600000

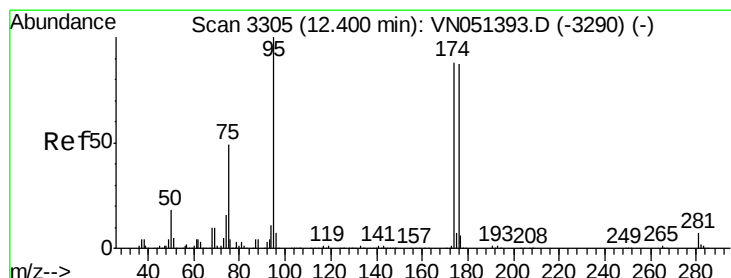
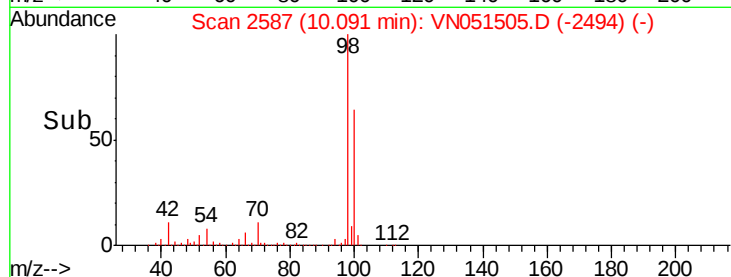
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 39.692 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051505.D

Acq: 26 Sep 2018 00:29

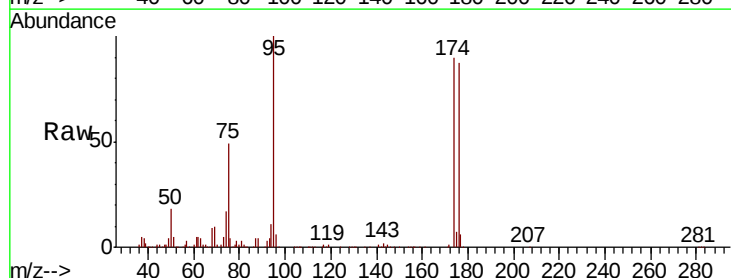
Tgt Ion: 95 Resp: 388338

Ion Ratio Lower Upper

95 100

174 90.7 0.0 181.6

176 86.2 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

12.40

300000

250000

200000

150000

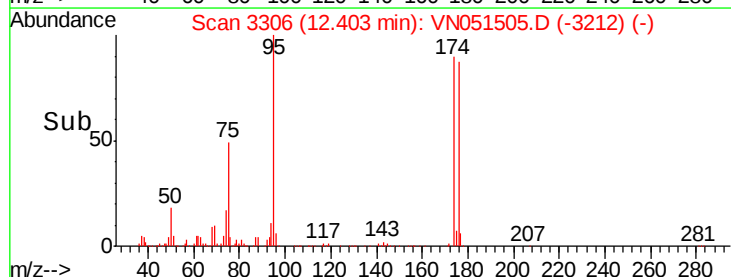
100000

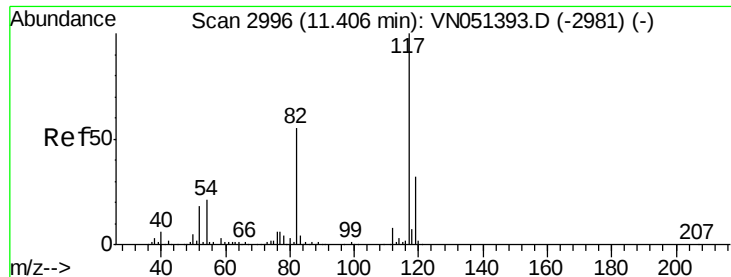
50000

0

12.30 12.40 12.50

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051505.D

Acq: 26 Sep 2018 00:29

Instrument :

MSVOA_N

ClientSampleId :

RFK-RMAB-MW11-GW

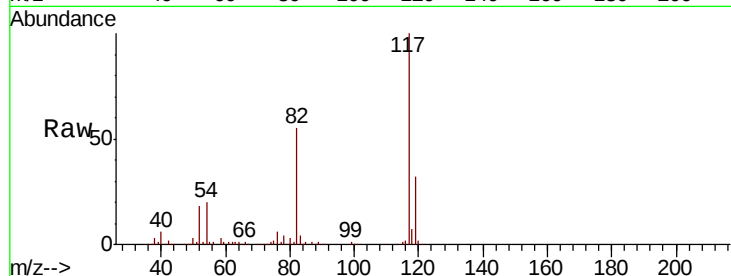
Tgt Ion:117 Resp: 846017

Ion Ratio Lower Upper

117 100

82 54.9 44.2 66.2

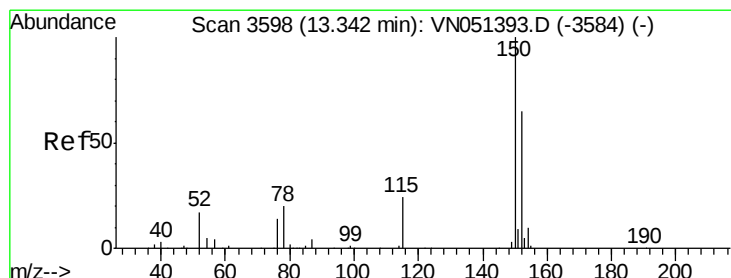
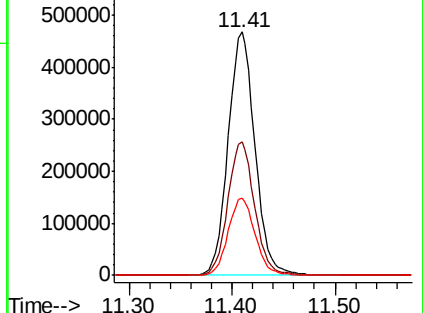
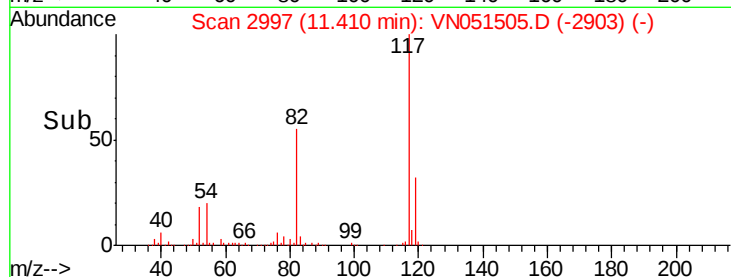
119 31.9 25.9 38.9



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: VN051505.D

Acq: 26 Sep 2018 00:29

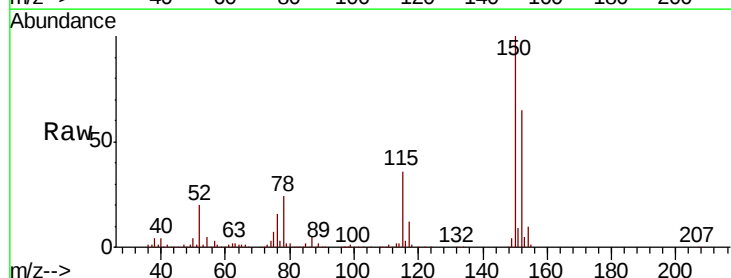
Tgt Ion:152 Resp: 319183

Ion Ratio Lower Upper

152 100

115 55.6 28.3 84.9

150 155.8 0.0 353.6



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

