

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057000.D
 Acq On : 31 Jul 2019 9:28
 Operator : JC/SP
 Sample : VN0731WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBL01

Quant Time: Aug 01 01:32:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	530089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	766476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	612989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	263723	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.58	113	239603	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	10.08	98	895057	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	12.40	95	219891	36.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.20%	

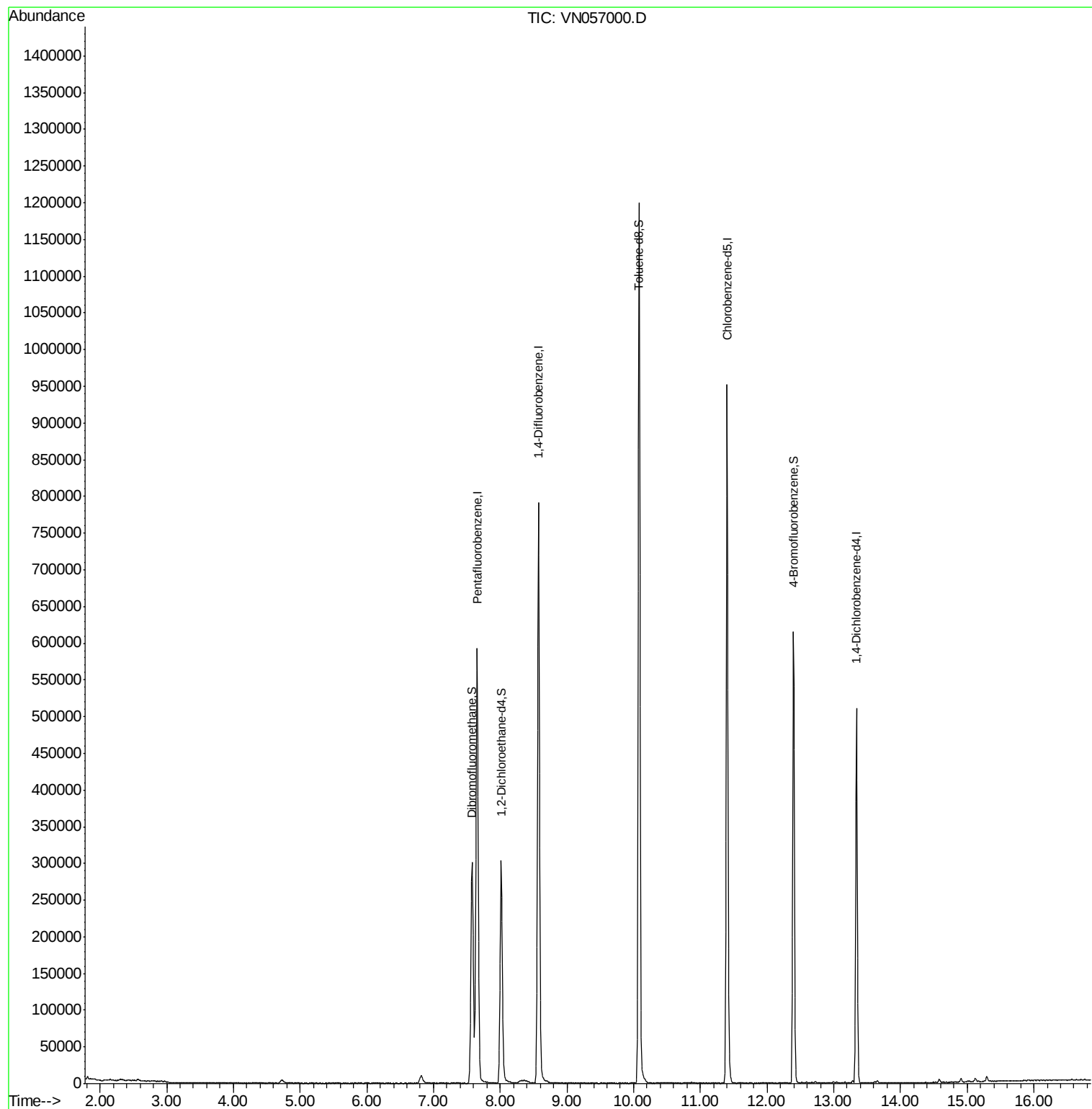
Target Compounds	Qvalue

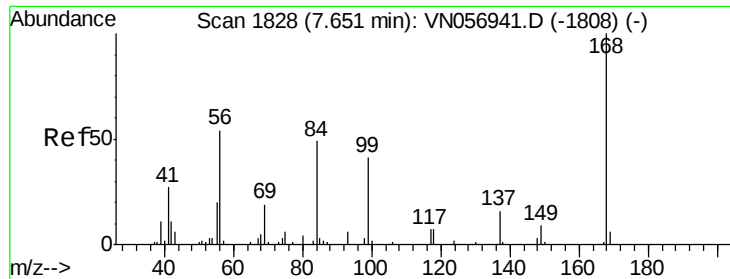
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 27 01:33:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057000.D

Acq: 31 Jul 2019 9:28

Instrument :

MSVOA_N

ClientSampled :

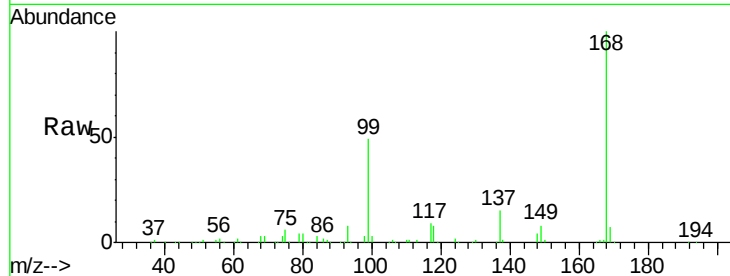
VN0731WBL01

Tot Ion:168 Resp: 530089

Ion Ratio Lower Upper

168 100

99 48.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

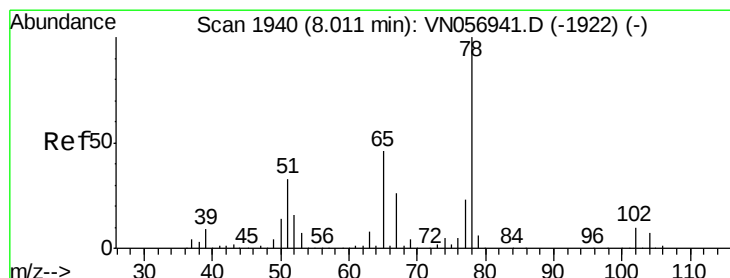
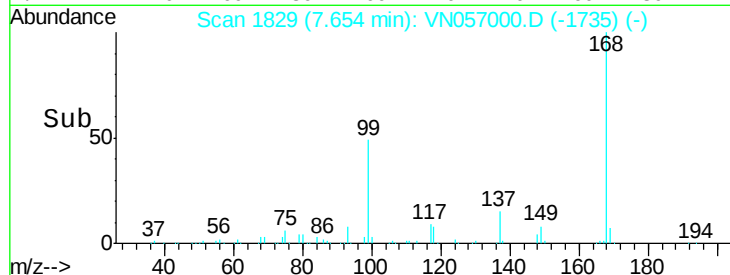
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.602 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057000.D

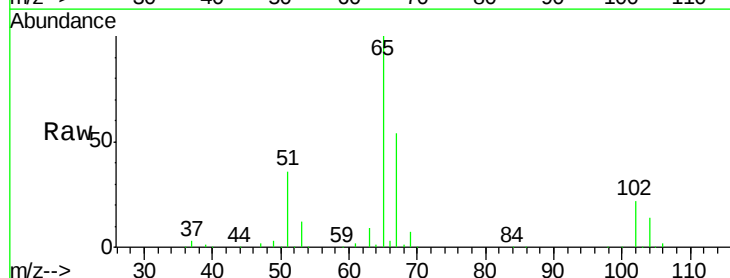
Acq: 31 Jul 2019 9:28

Tgt Ion: 65 Resp: 263723

Ion Ratio Lower Upper

65 100

67 53.0 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

120000

100000

80000

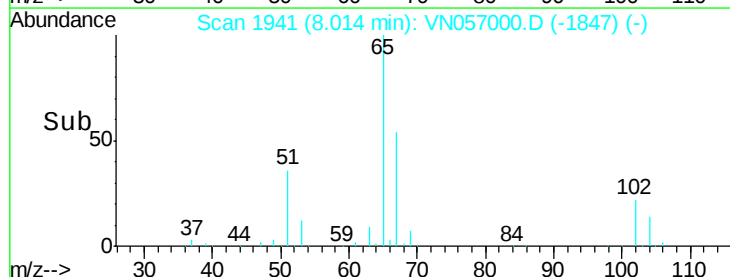
60000

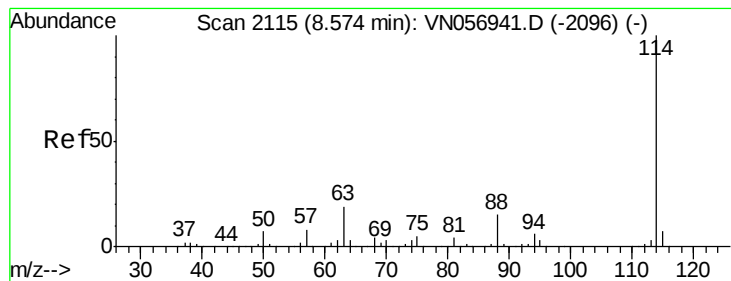
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN057000.D

Acq: 31 Jul 2019 9:28

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL01

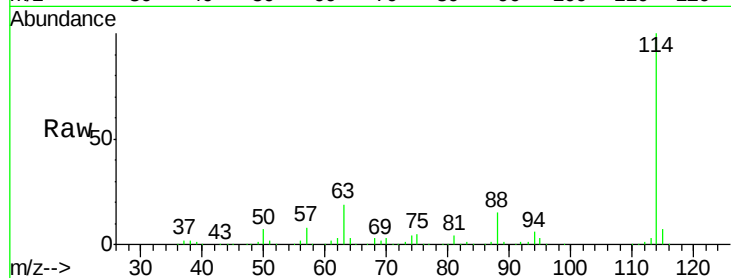
Tot Ion:114 Resp: 766476

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.0

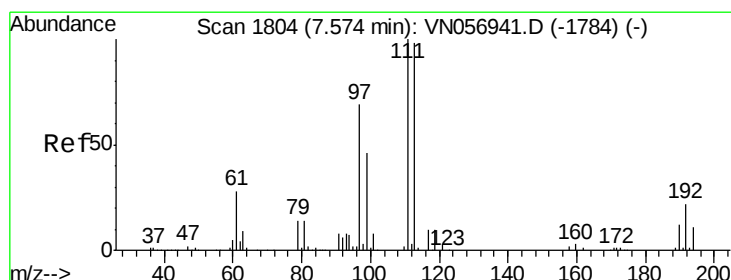
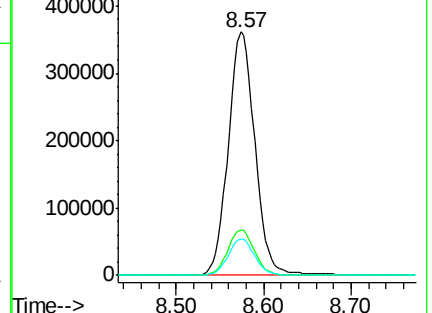
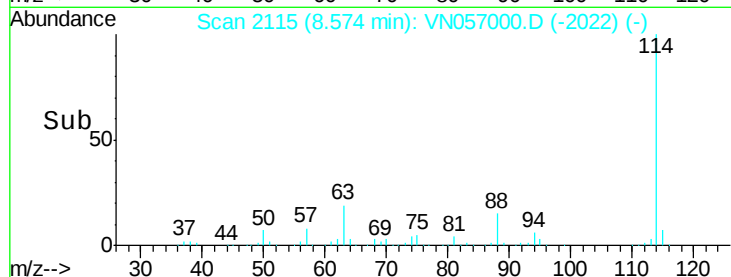
88 14.9 0.0 30.0



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: 48.832 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057000.D

Acq: 31 Jul 2019 9:28

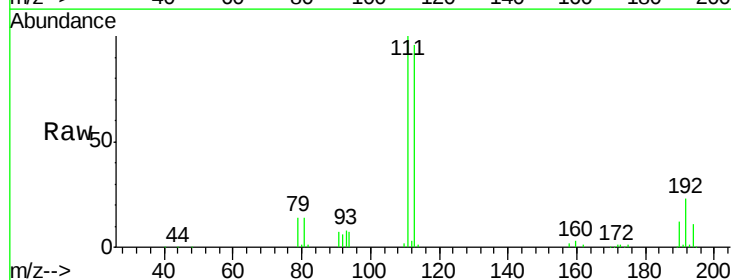
Tgt Ion:113 Resp: 239603

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

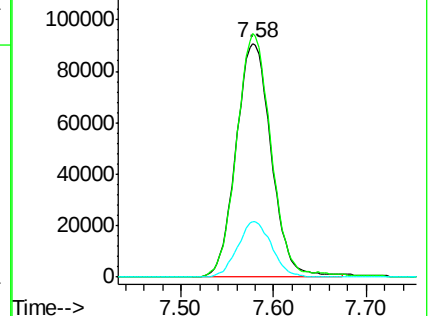
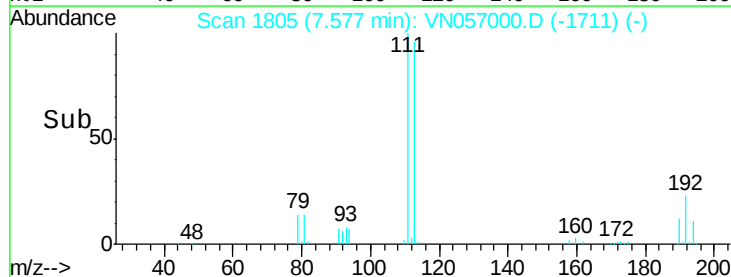
192 23.1 18.4 27.6

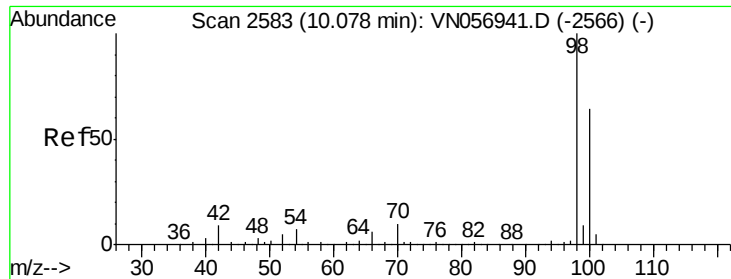


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.834 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057000.D

Acq: 31 Jul 2019 9:28

Instrument :

MSVOA_N

ClientSampleId :

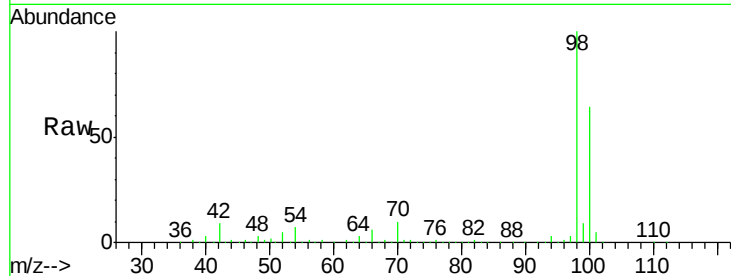
VN0731WBL01

Tot Ion: 98 Resp: 895057

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056941.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056941.D (-2566) (-)

10.08

500000

400000

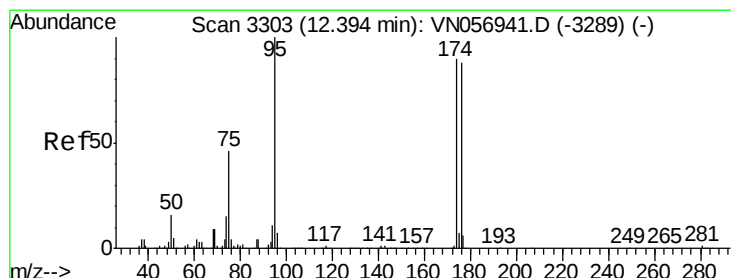
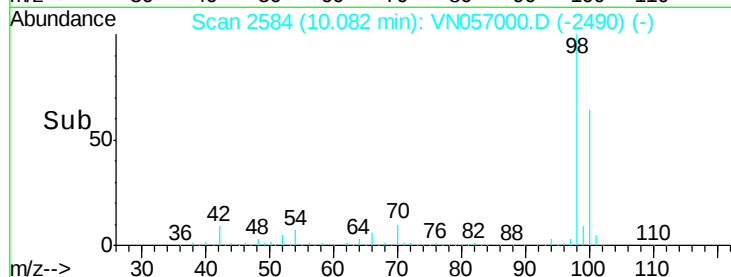
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 36.098 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057000.D

Acq: 31 Jul 2019 9:28

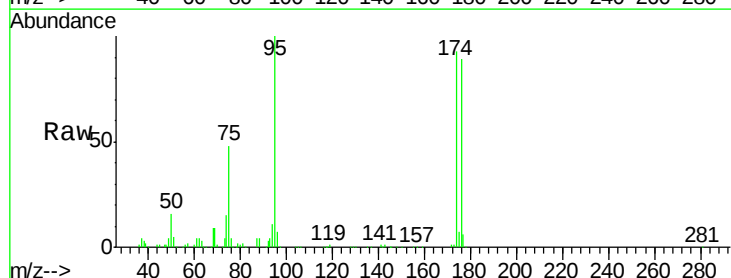
Tgt Ion: 95 Resp: 219891

Ion Ratio Lower Upper

95 100

174 94.5 0.0 182.2

176 90.5 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)

12.40

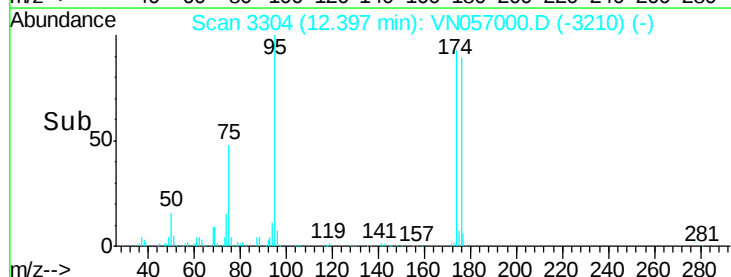
150000

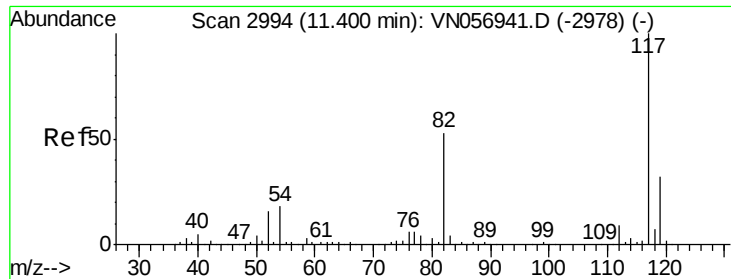
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN057000.D

Acq: 31 Jul 2019 9:28

Instrument :

MSVOA_N

ClientSampled :

VN0731WBL01

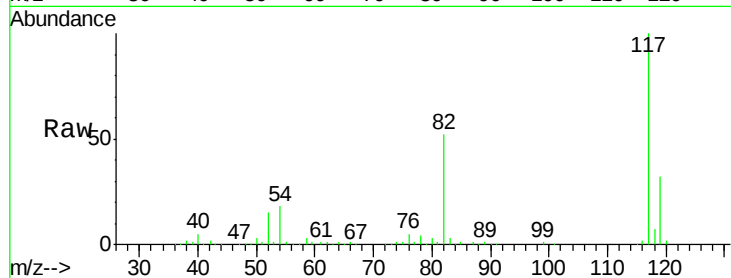
Tot Ion:117 Resp: 612989

Ion Ratio Lower Upper

117 100

82 52.1 42.2 63.4

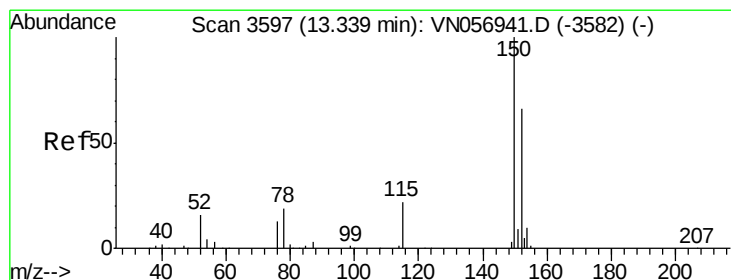
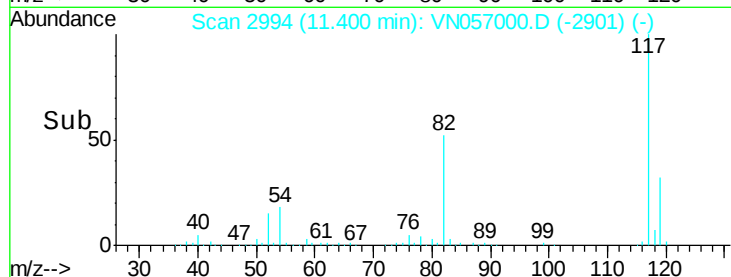
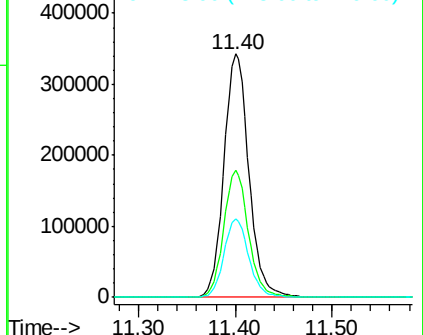
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN057000.D

Acq: 31 Jul 2019 9:28

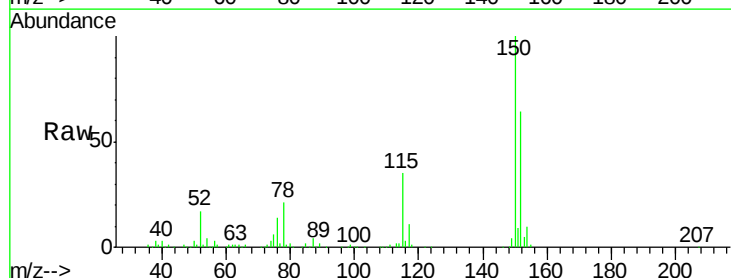
Tgt Ion:152 Resp: 155115

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.6

150 157.0 0.0 349.4



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

