

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112919\
 Data File : VN059441.D
 Acq On : 29 Nov 2019 12:33
 Operator : JC/SP
 Sample : K6024-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-3-(0.5-1.0)

Quant Time: Nov 29 23:13:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	346836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	526532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	453746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168306	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	194521	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	7.57	113	162211	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	10.08	98	634592	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	201389	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	

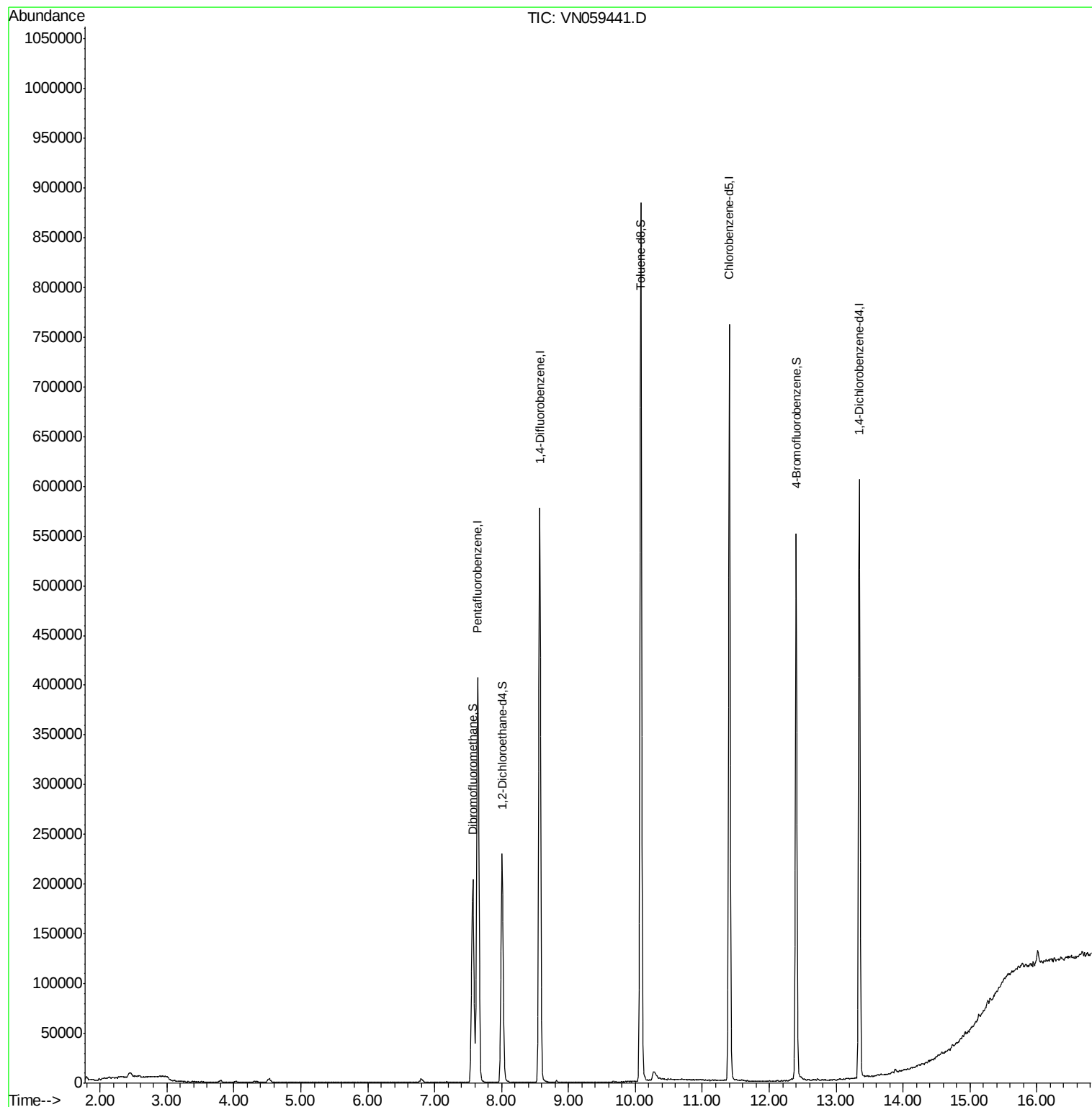
Target Compounds	Qvalue

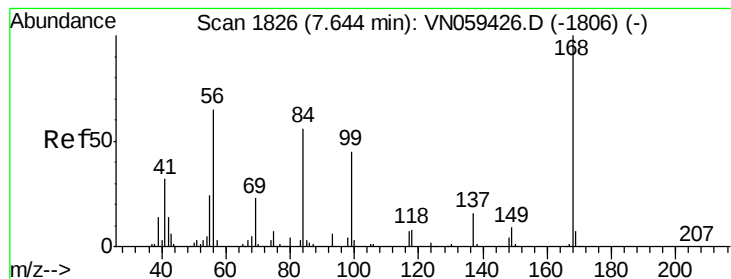
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 16:56:05 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059441.D

Acq: 29 Nov 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

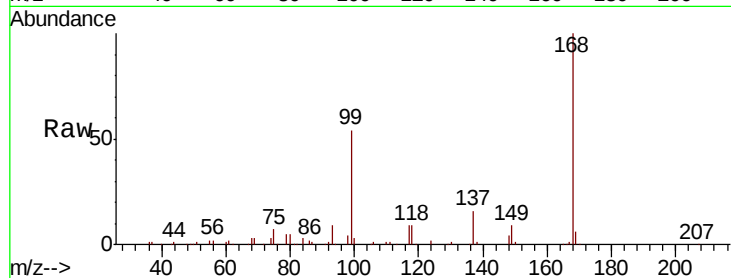
B-3-(0.5-1.0)

Tot Ion:168 Resp: 346836

Ion Ratio Lower Upper

168 100

99 53.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

150000

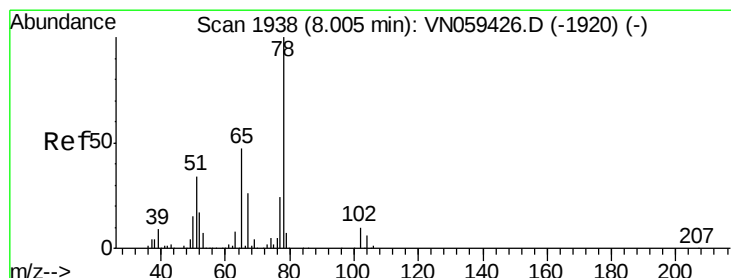
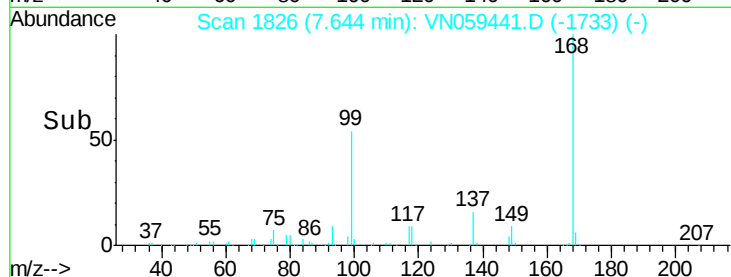
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.878 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059441.D

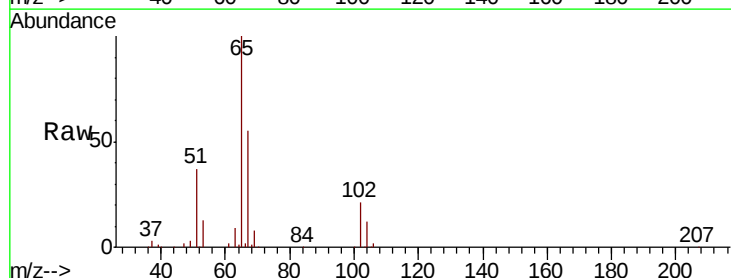
Acq: 29 Nov 2019 12:33

Tgt Ion: 65 Resp: 194521

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

100000

80000

60000

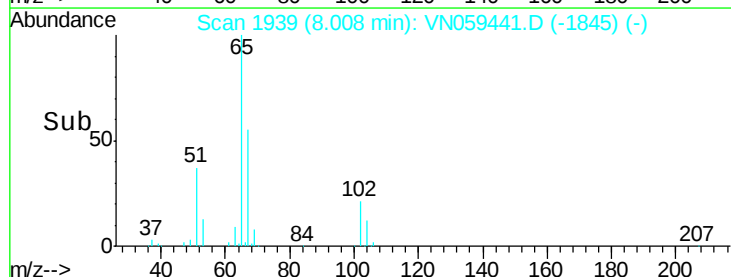
40000

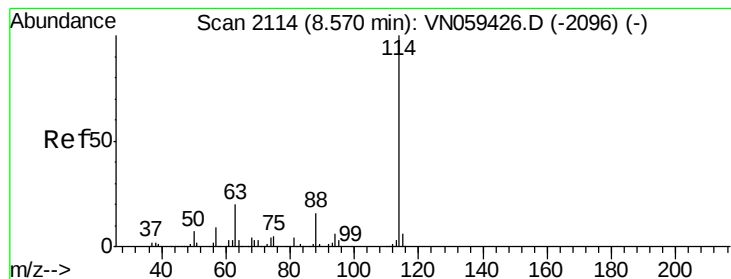
20000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059441.D

Acq: 29 Nov 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

B-3-(0.5-1.0)

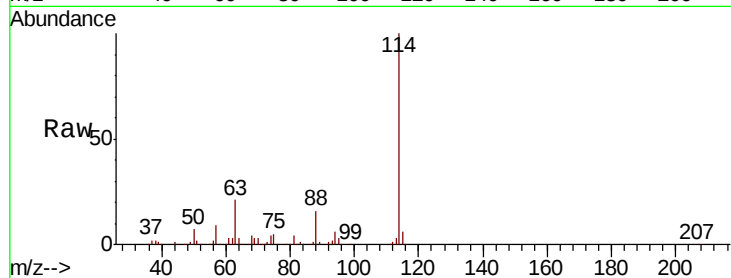
Tot Ion:114 Resp: 526532

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.4

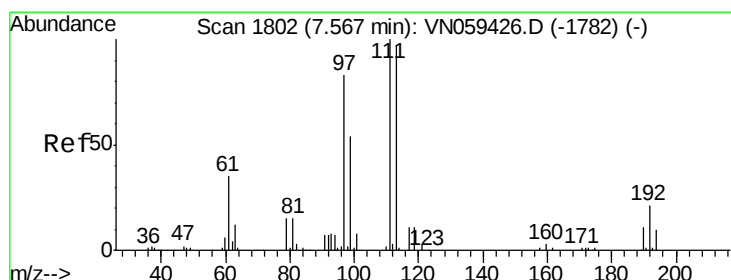
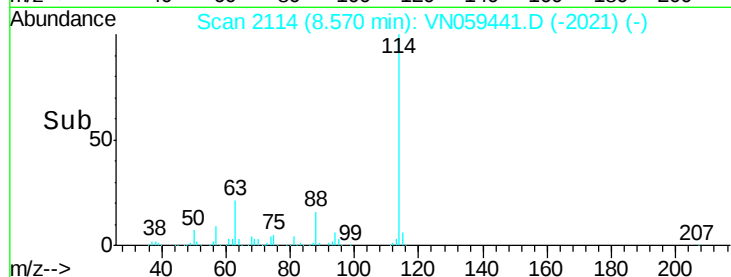
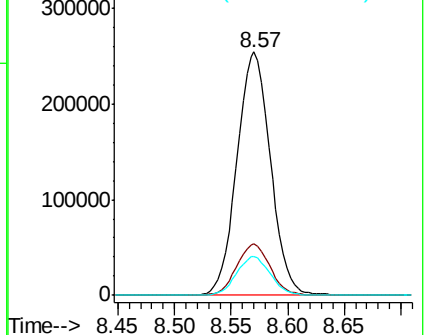
88 16.1 0.0 32.2



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: 50.577 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059441.D

Acq: 29 Nov 2019 12:33

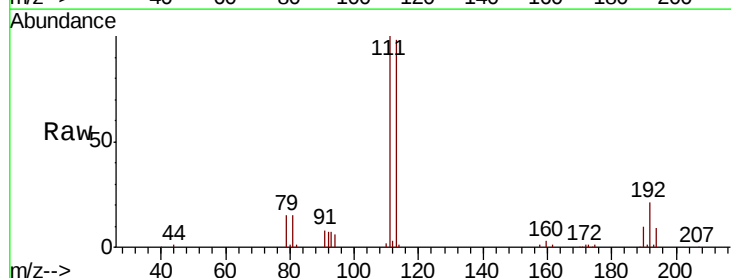
Tgt Ion:113 Resp: 162211

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

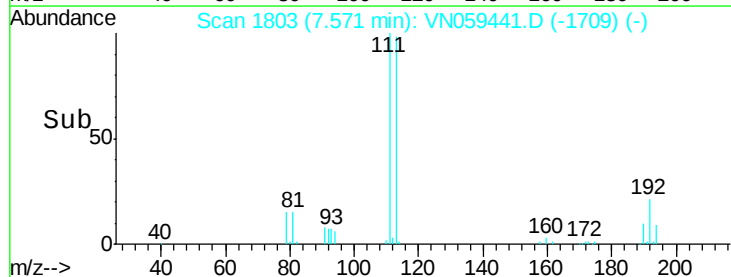
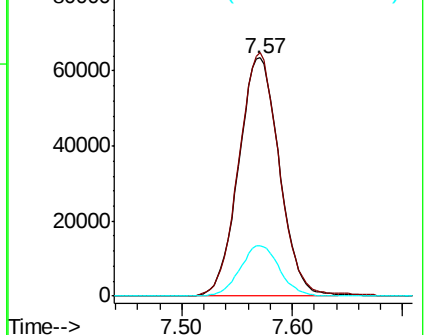
192 20.5 16.6 24.8

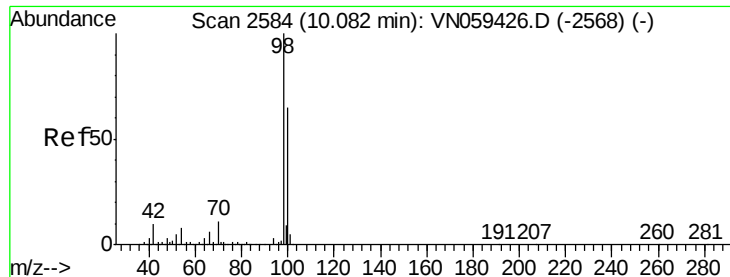


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.658 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059441.D

Acq: 29 Nov 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

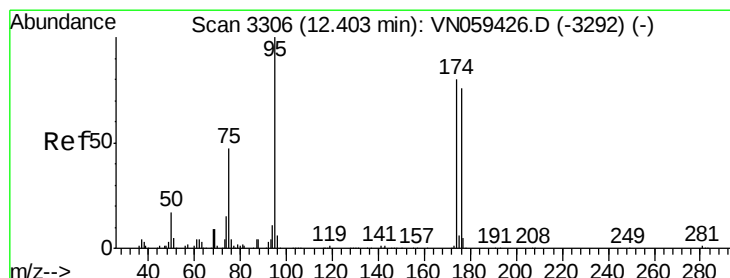
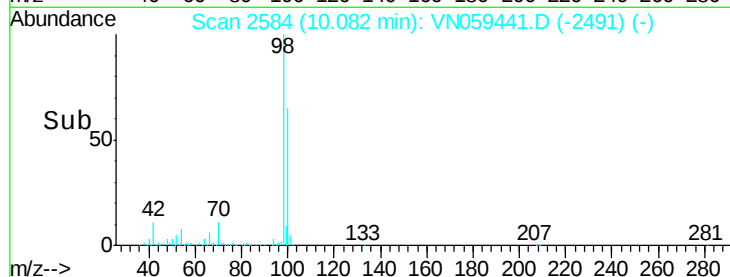
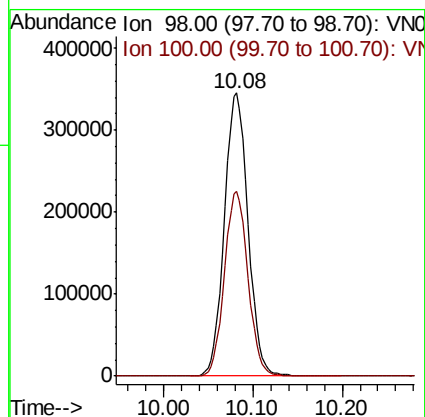
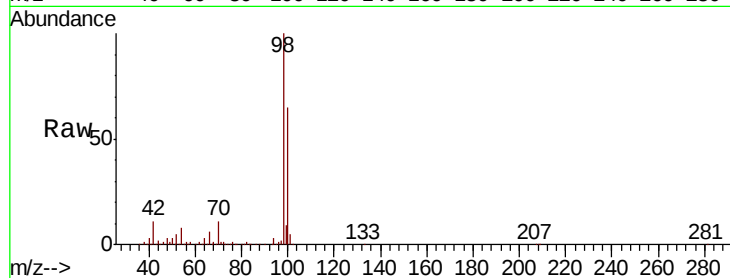
B-3-(0.5-1.0)

Tot Ion: 98 Resp: 634592

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.261 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059441.D

Acq: 29 Nov 2019 12:33

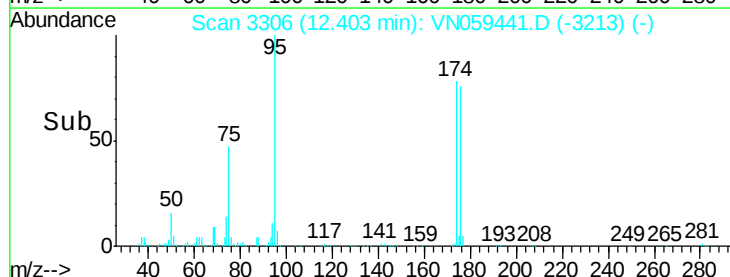
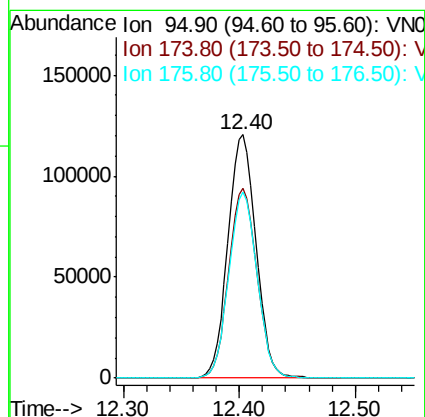
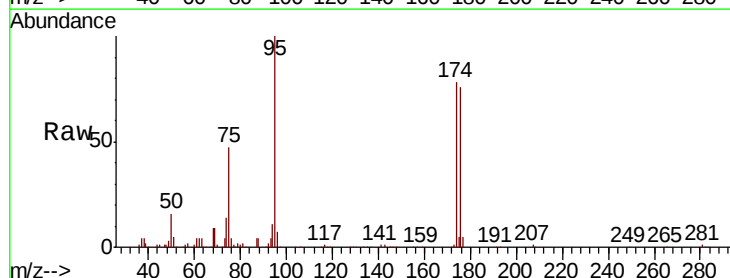
Tgt Ion: 95 Resp: 201389

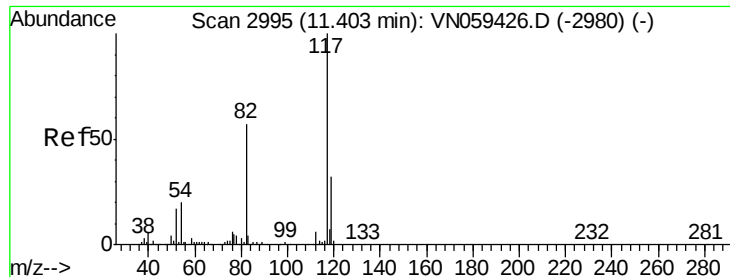
Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.0

176 76.7 0.0 153.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059441.D

Acq: 29 Nov 2019 12:33

Instrument :

MSVOA_N

ClientSampleId :

B-3-(0.5-1.0)

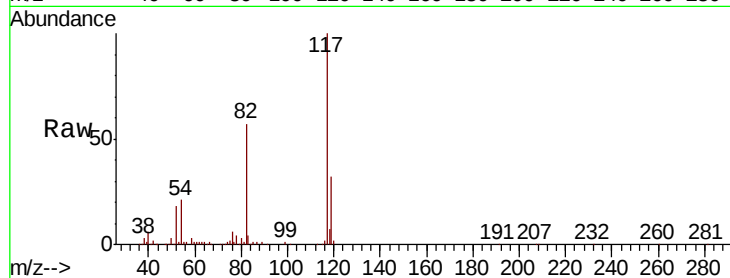
Tot Ion:117 Resp: 453746

Ion Ratio Lower Upper

117 100

82 57.0 45.4 68.0

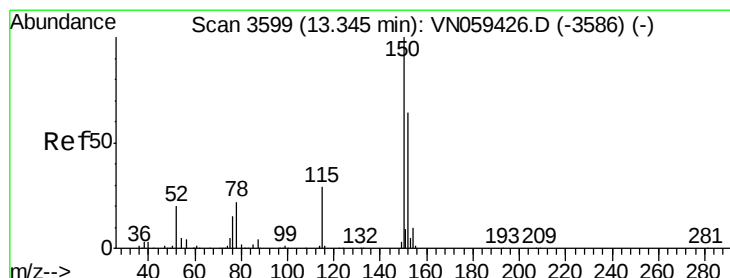
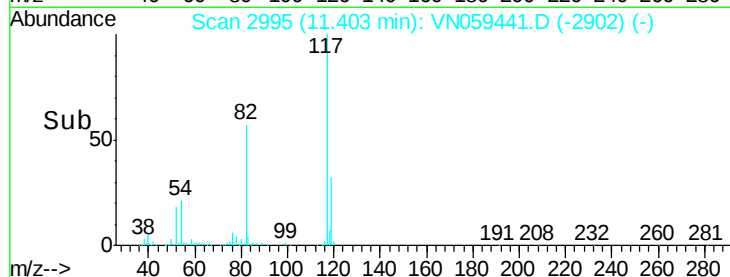
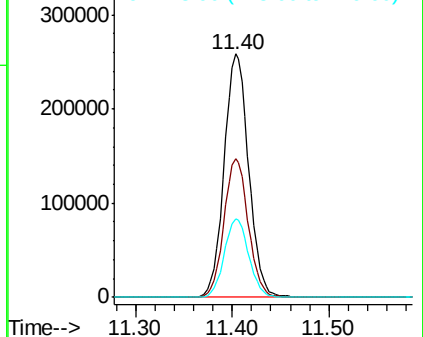
119 32.2 25.6 38.4



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059441.D

Acq: 29 Nov 2019 12:33

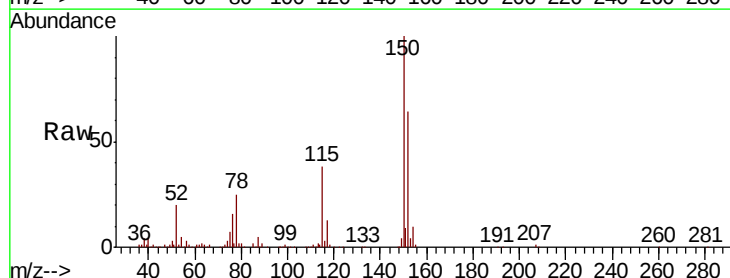
Tgt Ion:152 Resp: 168306

Ion Ratio Lower Upper

152 100

115 58.9 29.5 88.6

150 157.5 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

