

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112919\
 Data File : VN059440.D
 Acq On : 29 Nov 2019 12:12
 Operator : JC/SP
 Sample : PB125144TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125144TB

Quant Time: Nov 29 23:07:22 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	373450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	569654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	489395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	185455	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	207838	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	7.57	113	171635	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.08	98	687831	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	217842	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	

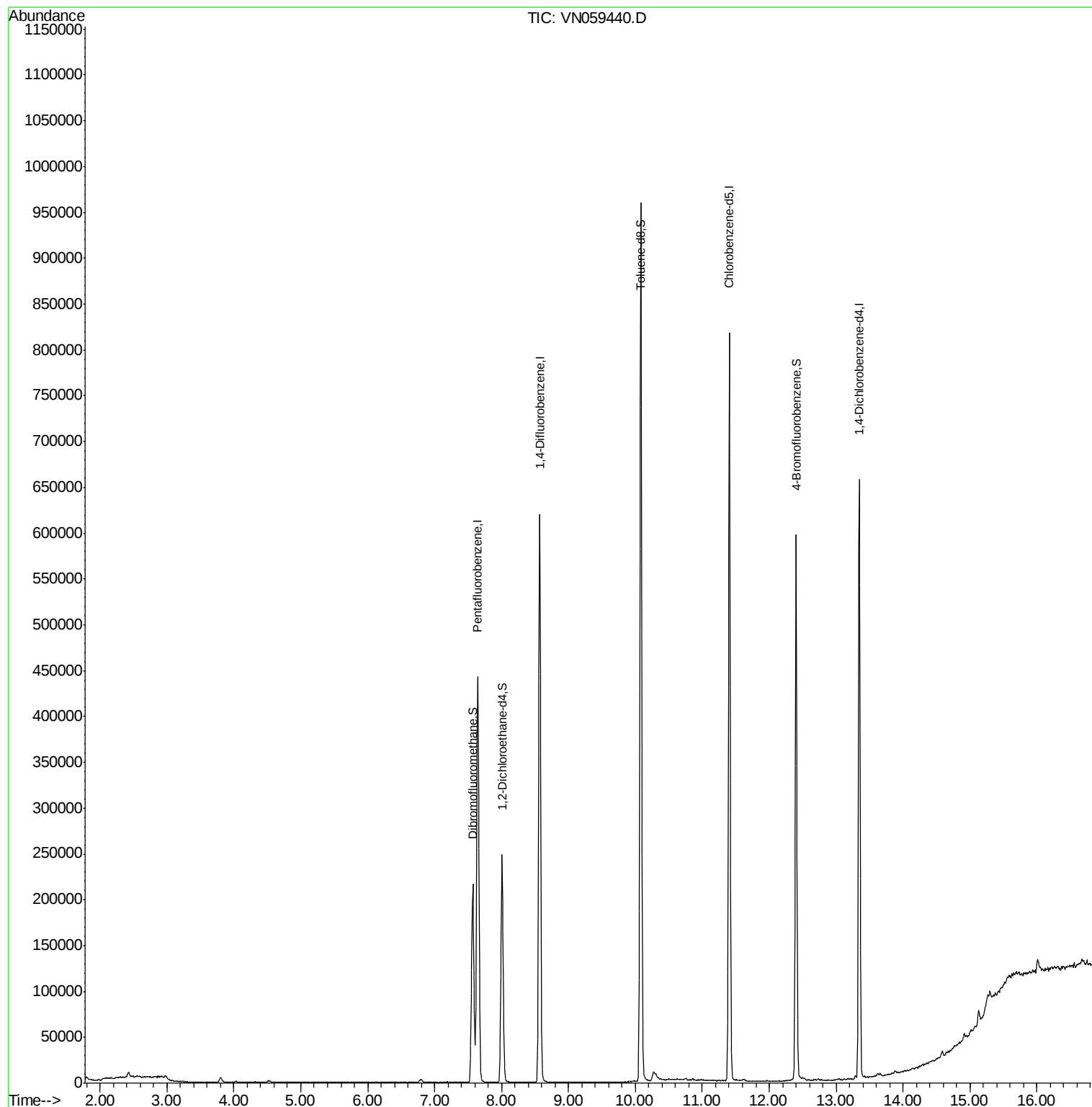
Target Compounds	Qvalue

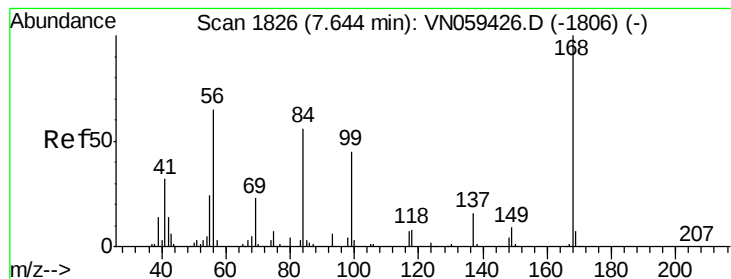
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112919\
Data File : VN059440.D
Acq On : 29 Nov 2019 12:12
Operator : JC/SP
Sample : PB125144TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB125144TB

Quant Time: Nov 29 23:07:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 16:56:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059440.D

Acq: 29 Nov 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

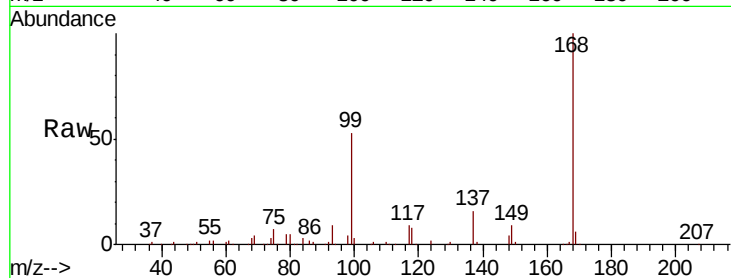
PB125144TB

Tot Ion:168 Resp: 373450

Ion Ratio Lower Upper

168 100

99 53.4 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

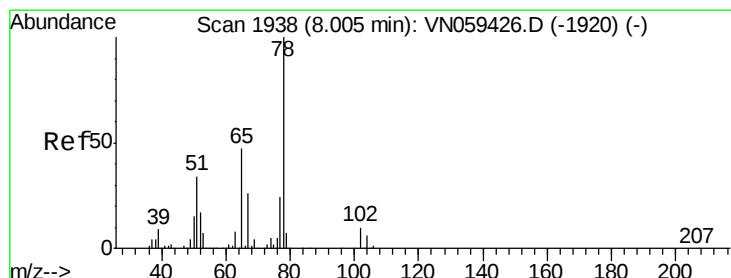
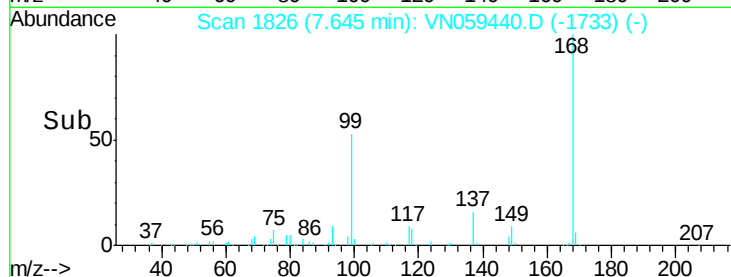
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.510 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059440.D

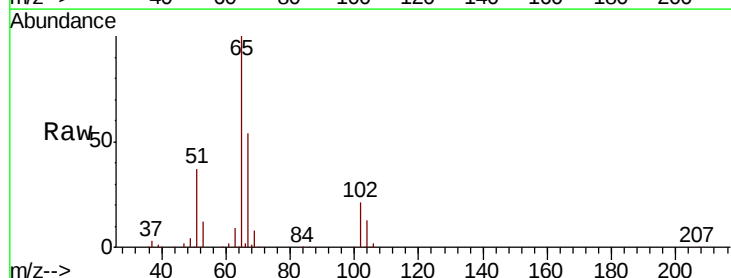
Acq: 29 Nov 2019 12:12

Tgt Ion: 65 Resp: 207838

Ion Ratio Lower Upper

65 100

67 54.6 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

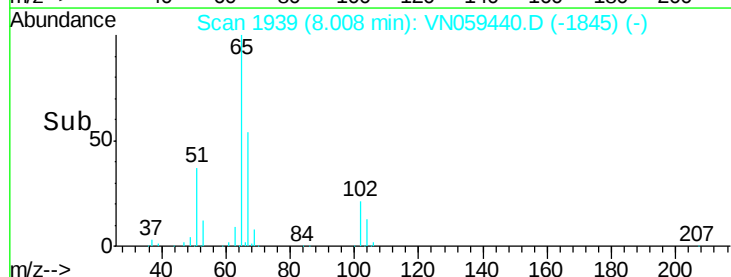
40000

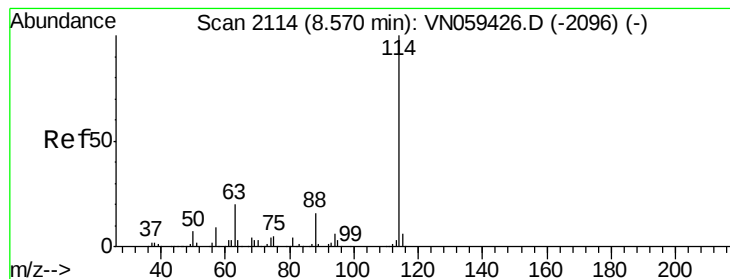
20000

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: VN059440.D

Acq: 29 Nov 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

PB125144TB

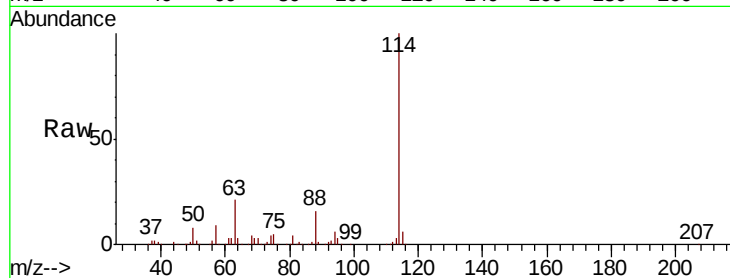
Tot Ion:114 Resp: 569654

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.4

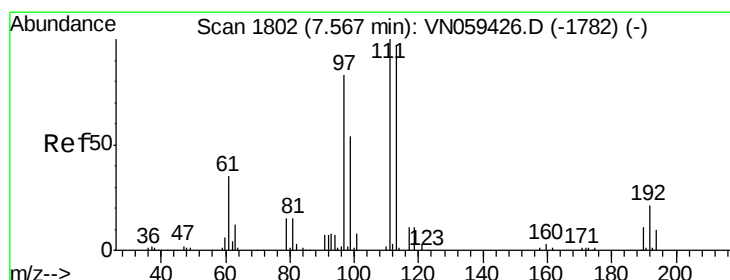
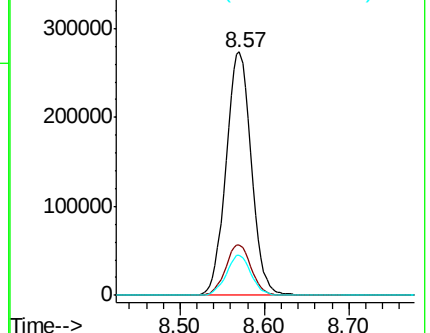
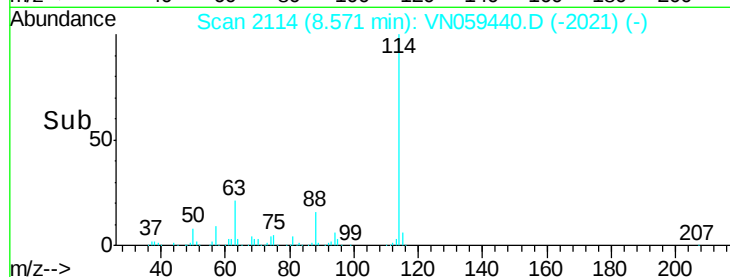
88 16.3 0.0 32.2



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: 49.464 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059440.D

Acq: 29 Nov 2019 12:12

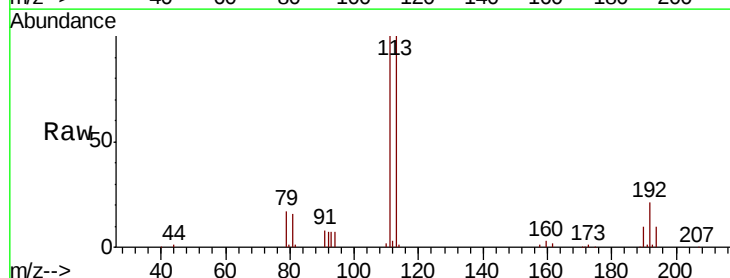
Tgt Ion:113 Resp: 171635

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

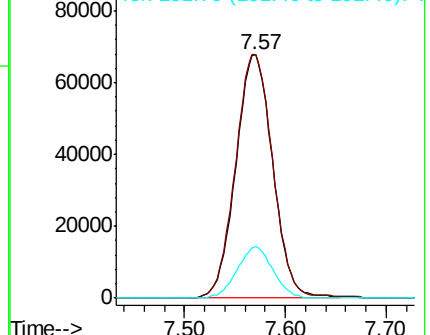
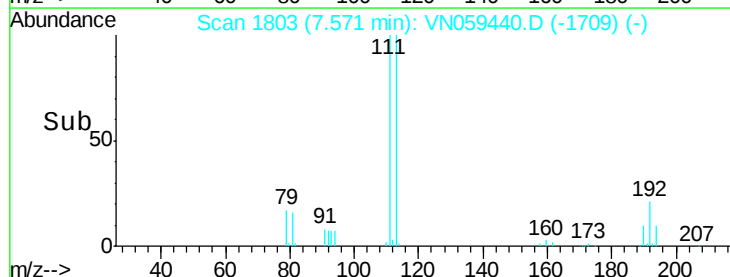
192 20.5 16.6 24.8

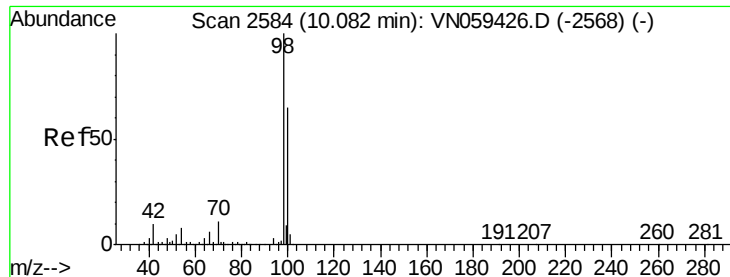


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.750 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059440.D

Acq: 29 Nov 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

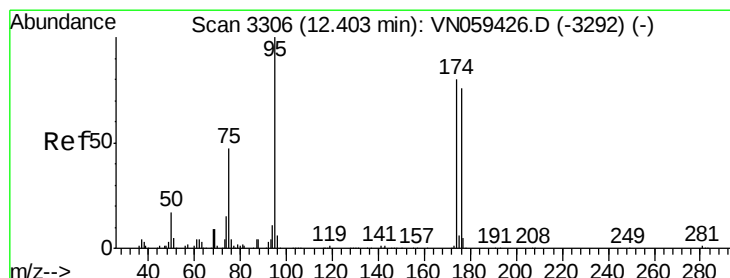
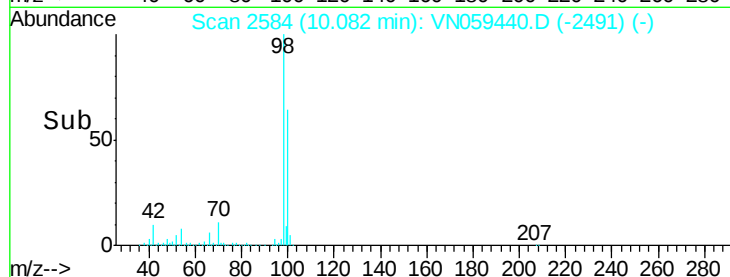
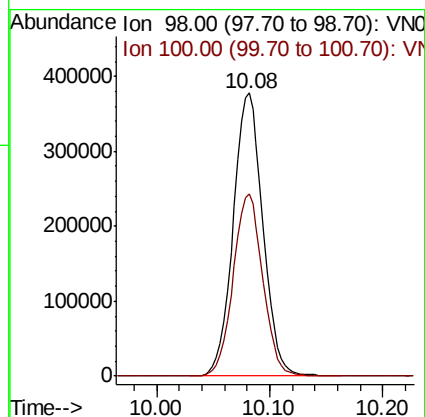
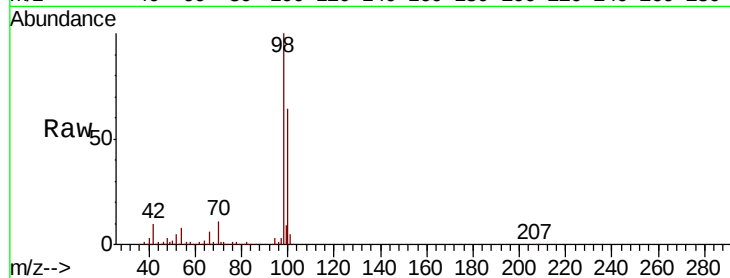
PB125144TB

Tot Ion: 98 Resp: 687831

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.253 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059440.D

Acq: 29 Nov 2019 12:12

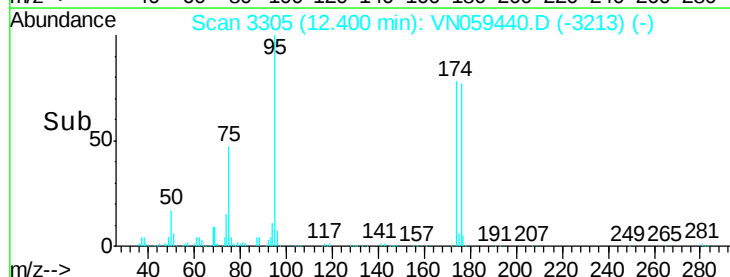
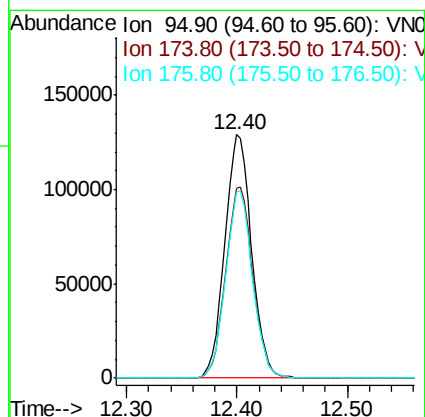
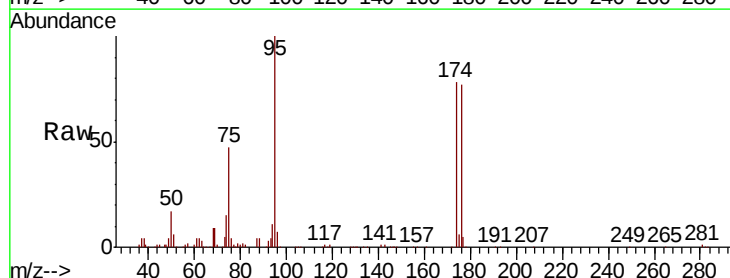
Tgt Ion: 95 Resp: 217842

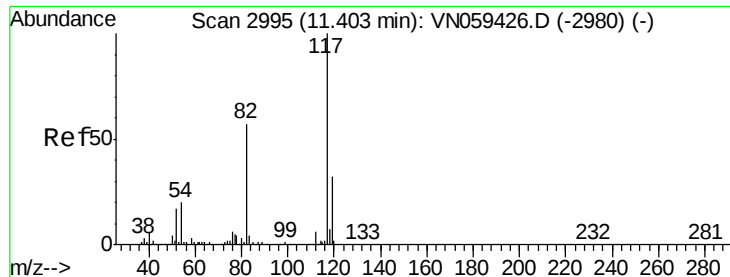
Ion Ratio Lower Upper

95 100

174 79.3 0.0 158.0

176 76.9 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: VN059440.D

Acq: 29 Nov 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

PB125144TB

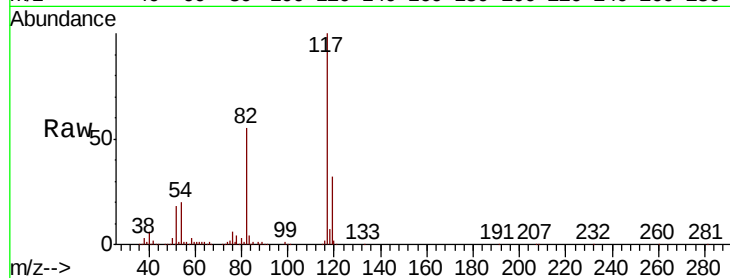
Tot Ion:117 Resp: 489395

Ion Ratio Lower Upper

117 100

82 55.1 45.4 68.0

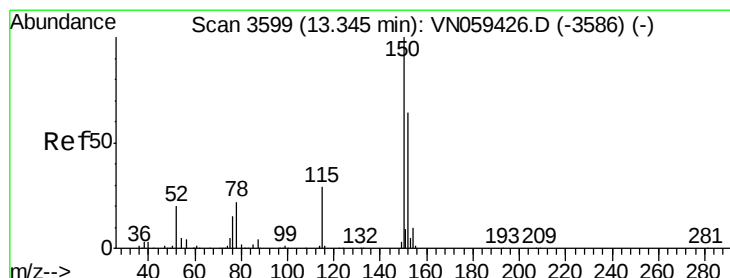
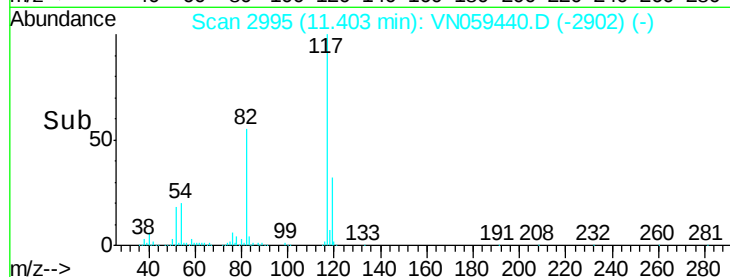
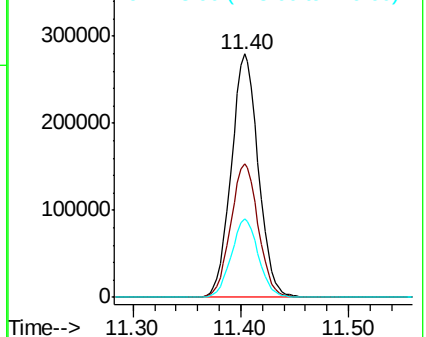
119 32.3 25.6 38.4



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: VN059440.D

Acq: 29 Nov 2019 12:12

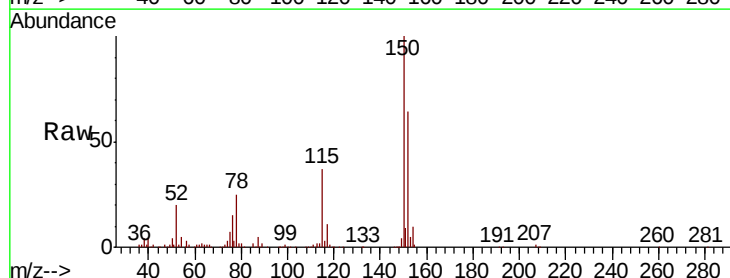
Tgt Ion:152 Resp: 185455

Ion Ratio Lower Upper

152 100

115 59.1 29.5 88.6

150 157.2 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

