

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059429.D
 Acq On : 27 Nov 2019 18:26
 Operator : JC/SP
 Sample : VN1127WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBL01

Quant Time: Nov 29 03:11:19 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	349650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	540224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	469731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	180854	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	197463	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.57	113	161030	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	10.08	98	644997	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	210399	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	

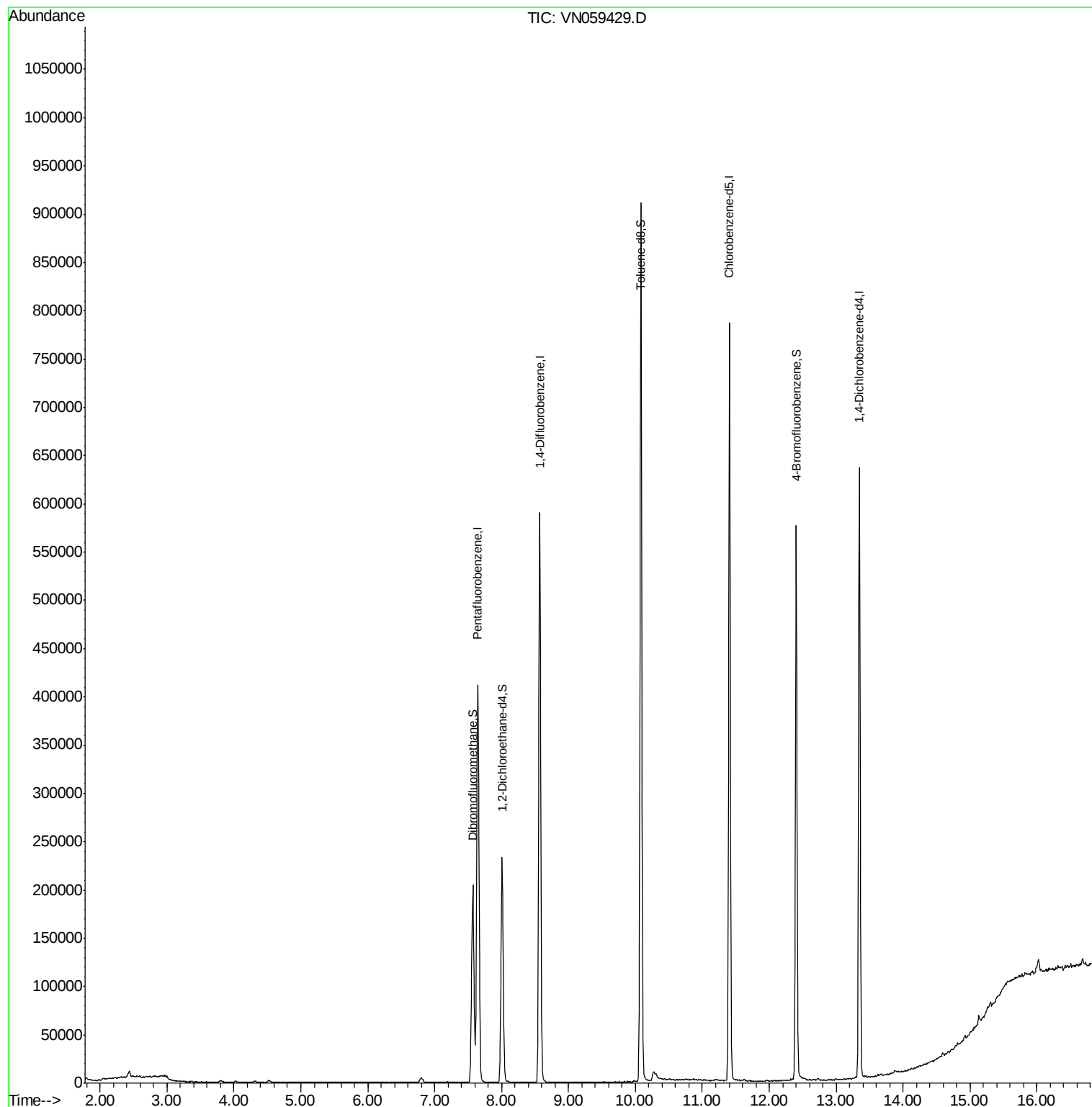
Target Compounds	Qvalue

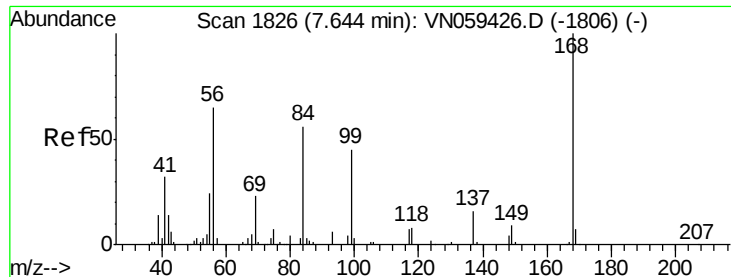
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059429.D

Acq: 27 Nov 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

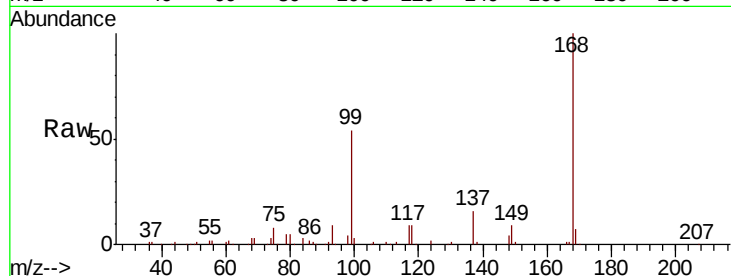
VN1127WBL01

Tot Ion:168 Resp: 349650

Ion Ratio Lower Upper

168 100

99 54.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

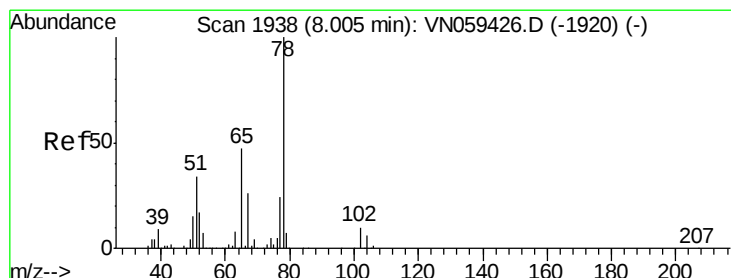
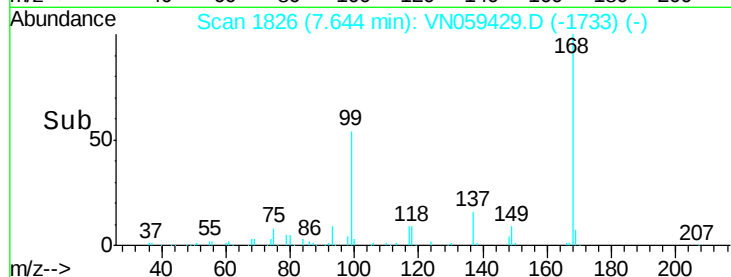
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 48.211 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059429.D

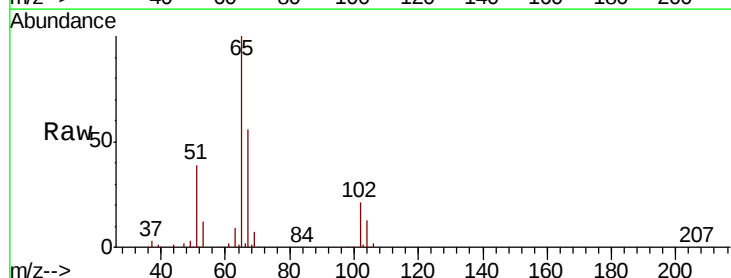
Acq: 27 Nov 2019 18:26

Tgt Ion: 65 Resp: 197463

Ion Ratio Lower Upper

65 100

67 54.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

100000

80000

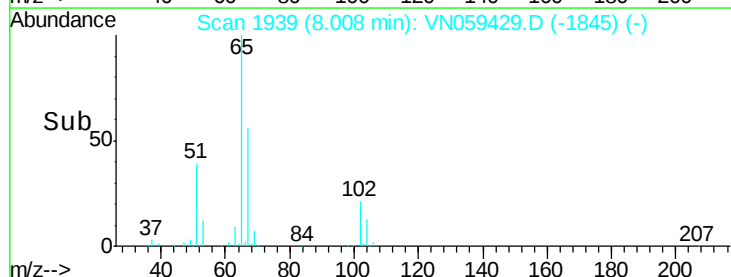
60000

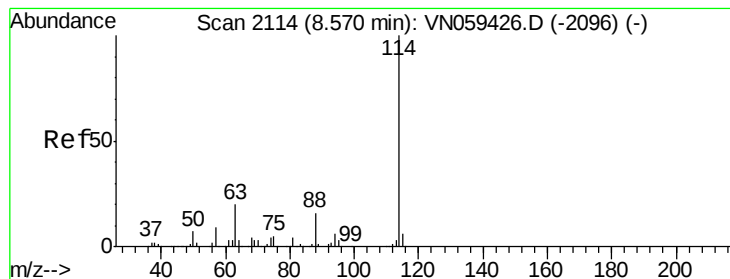
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059429.D

Acq: 27 Nov 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBL01

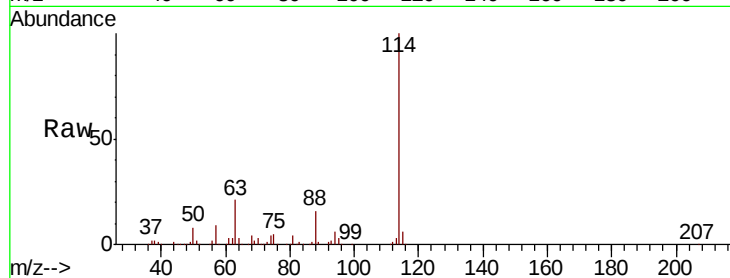
Tot Ion:114 Resp: 540224

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.4

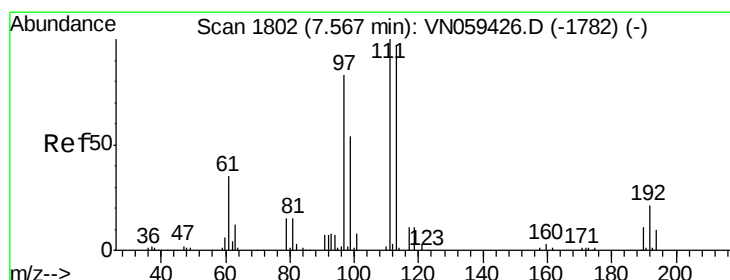
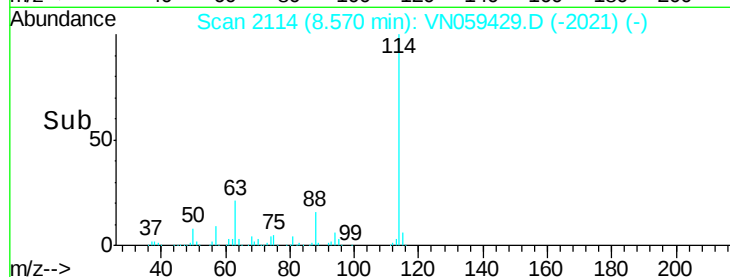
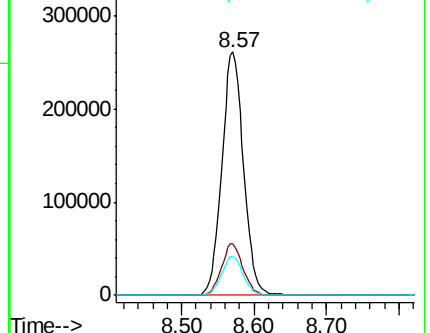
88 16.0 0.0 32.2



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: 48.936 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059429.D

Acq: 27 Nov 2019 18:26

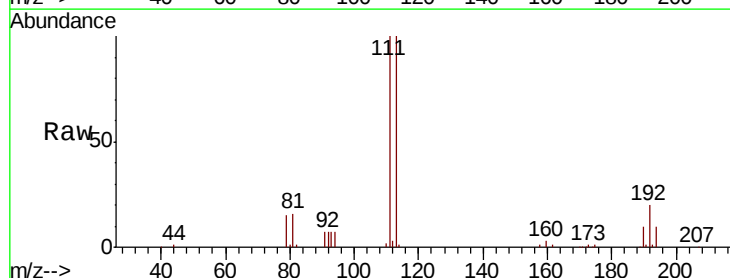
Tgt Ion:113 Resp: 161030

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

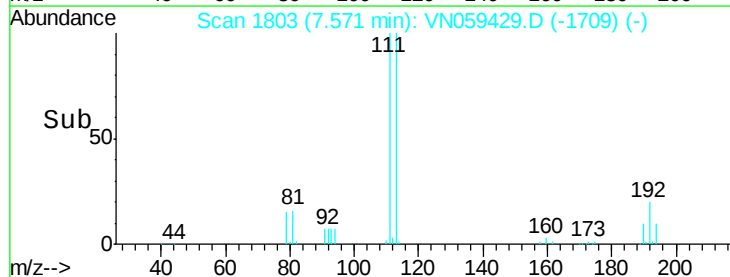
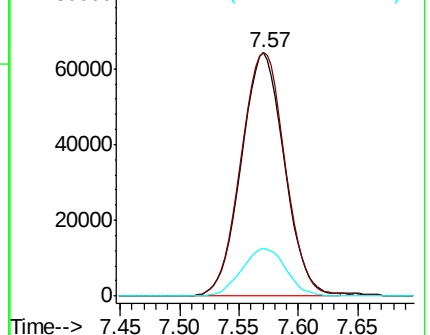
192 20.2 16.6 24.8

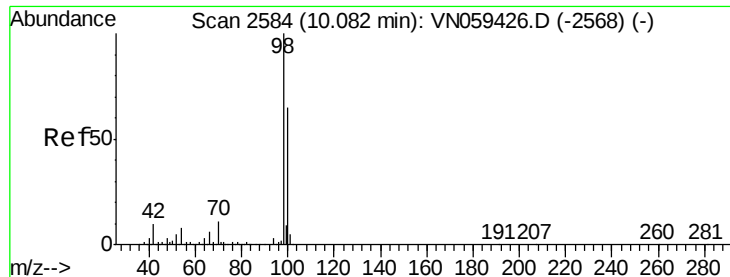


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.193 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059429.D

Acq: 27 Nov 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

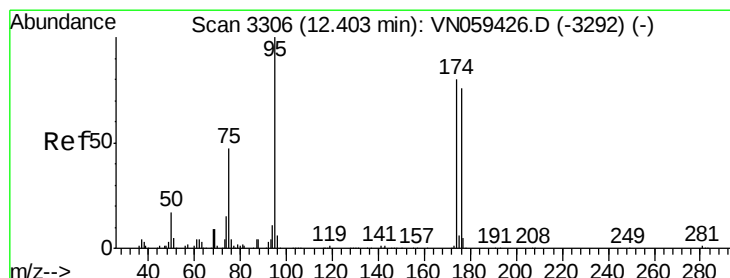
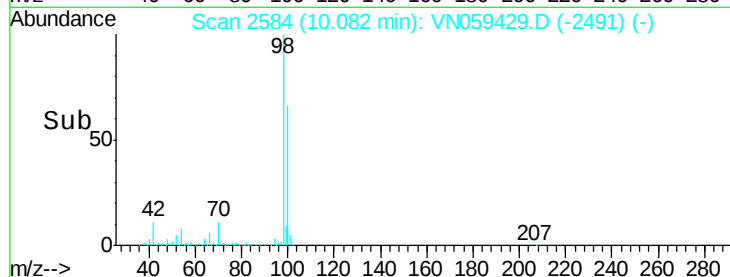
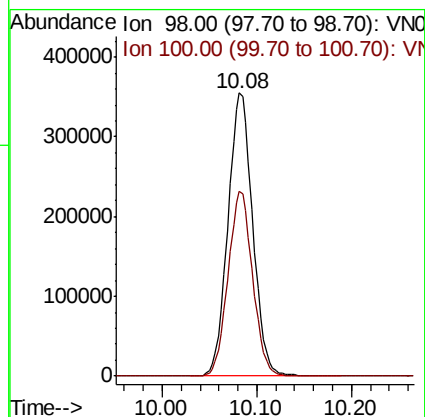
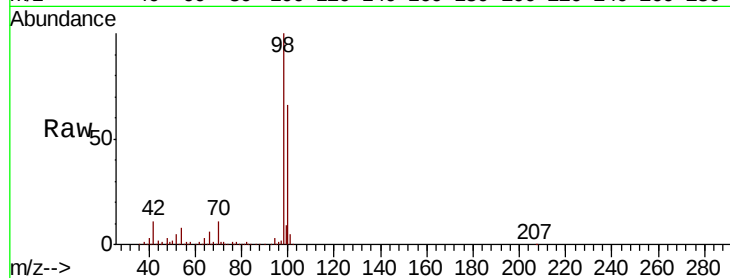
VN1127WBL01

Tot Ion: 98 Resp: 644997

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.087 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059429.D

Acq: 27 Nov 2019 18:26

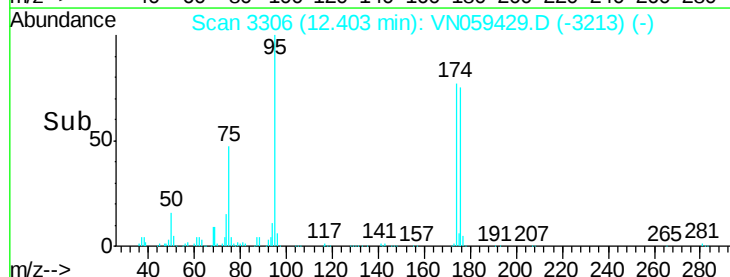
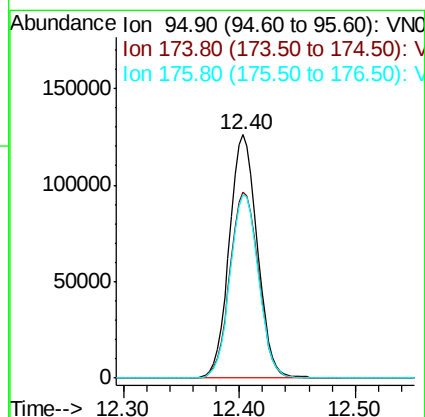
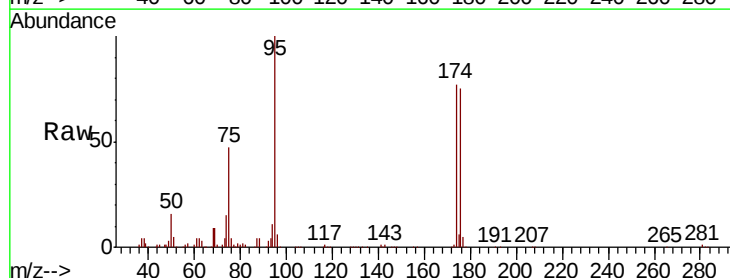
Tgt Ion: 95 Resp: 210399

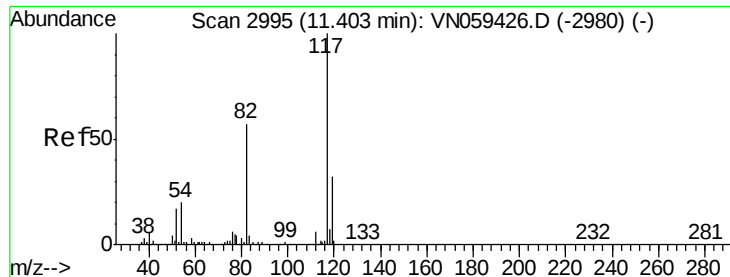
Ion Ratio Lower Upper

95 100

174 78.8 0.0 158.0

176 76.8 0.0 153.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059429.D

Acq: 27 Nov 2019 18:26

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBL01

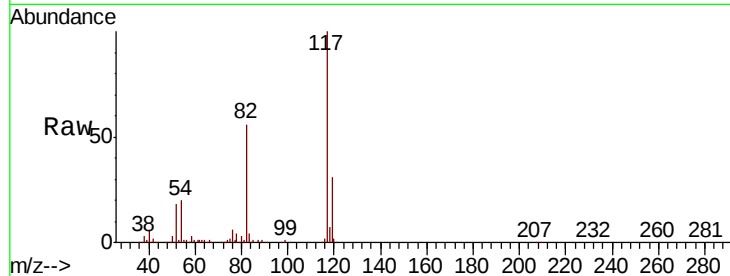
Tot Ion:117 Resp: 469731

Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.0

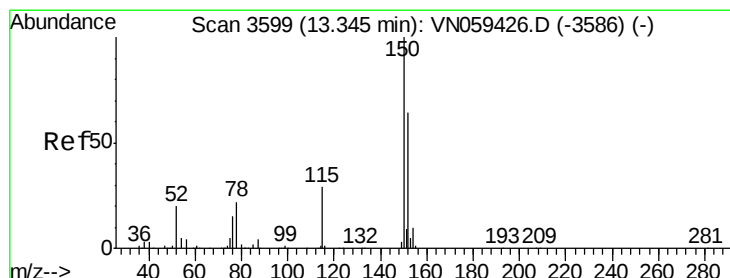
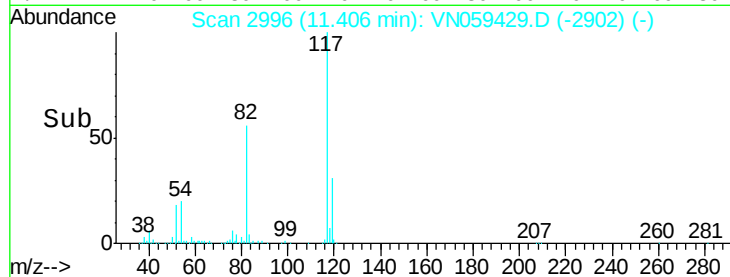
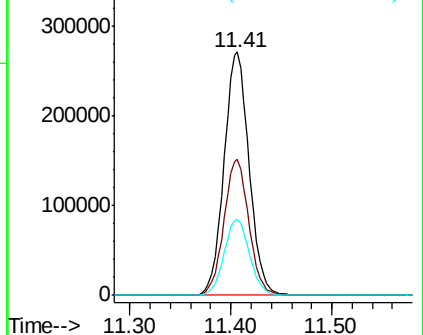
119 31.3 25.6 38.4



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# 3600

Delta R.T. 0.00 min

Lab File: VN059429.D

Acq: 27 Nov 2019 18:26

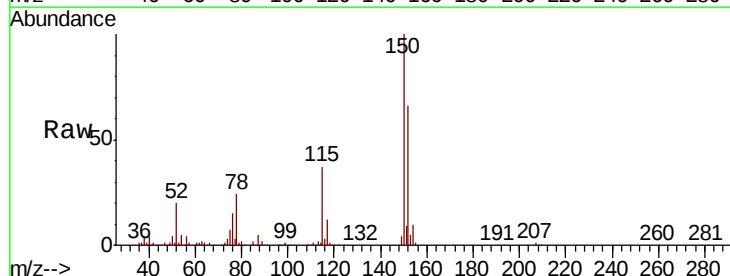
Tgt Ion:152 Resp: 180854

Ion Ratio Lower Upper

152 100

115 57.9 29.5 88.6

150 154.8 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

