

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059026.D
 Acq On : 31 Oct 2019 9:49
 Operator : JC/SP
 Sample : VN1031WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBL01

Quant Time: Nov 01 00:31:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	436962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	684777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	604811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	218990	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	302631	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
35) Dibromofluoromethane	7.57	113	225101	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.08	98	858105	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	272928	42.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.06%	

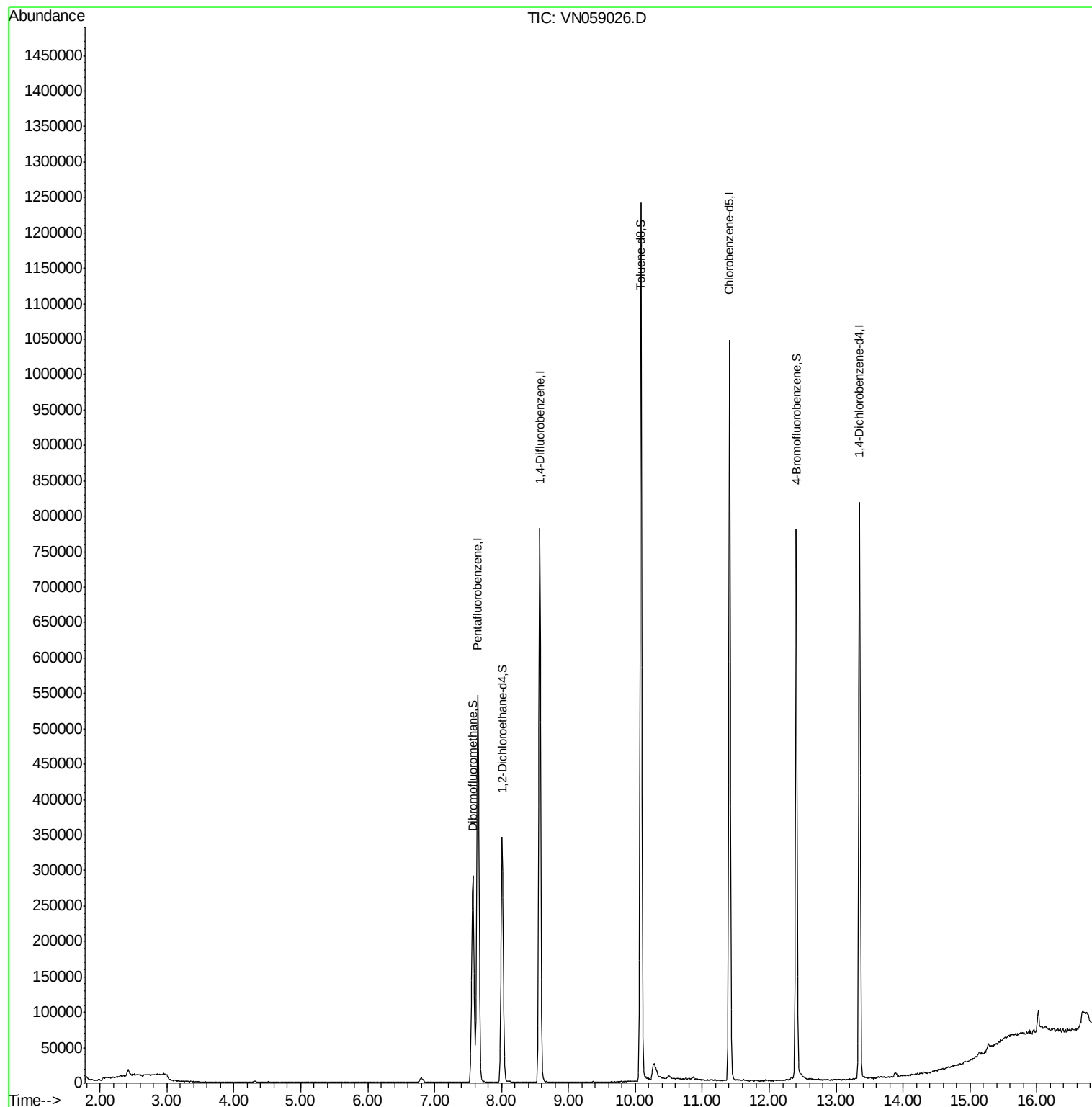
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

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Acq: 31 Oct 2019 9:49

Instrument :

MSVOA_N

ClientSampleId :

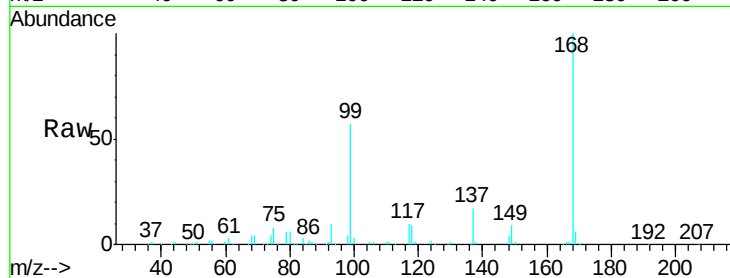
VN1031WBL01

Tgt Ion:168 Resp: 436962

Ion Ratio Lower Upper

168 100

99 56.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

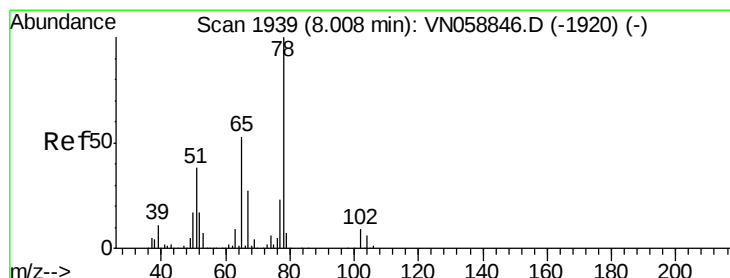
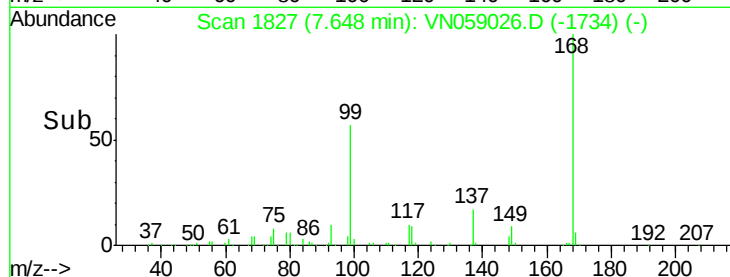
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 47.222 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059026.D

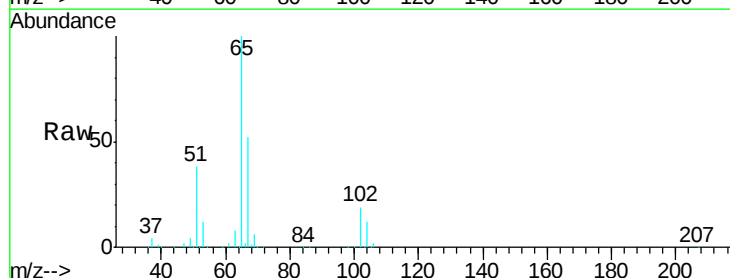
Acq: 31 Oct 2019 9:49

Tgt Ion: 65 Resp: 302631

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

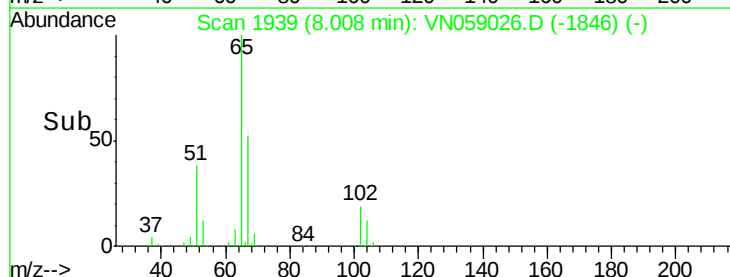
150000

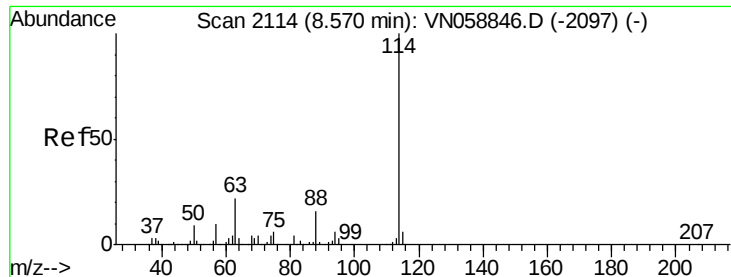
100000

50000

0

Time--> 7.90 8.00 8.10

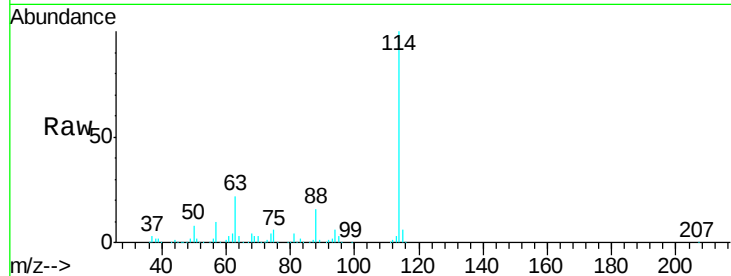




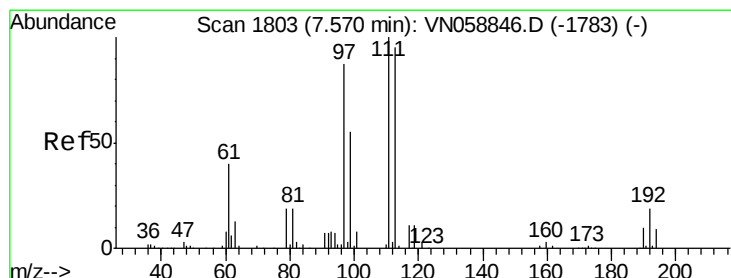
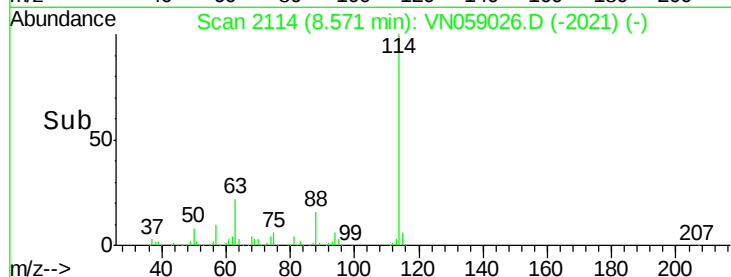
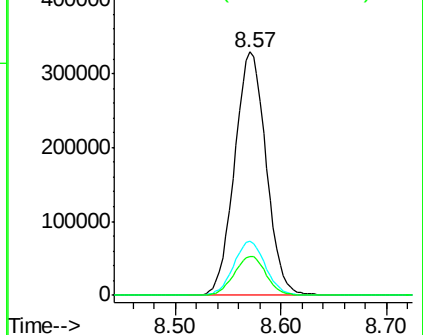
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059026.D
 Acq: 31 Oct 2019 9:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBL01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.4
88	16.2	0.0	31.4

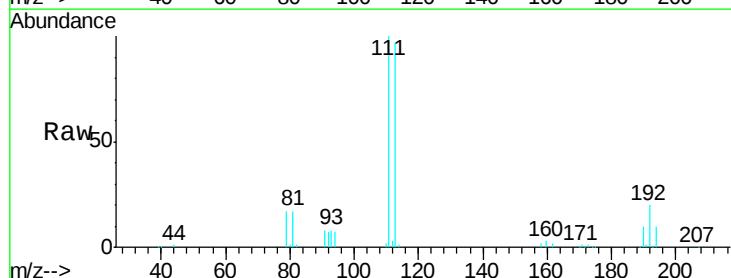


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

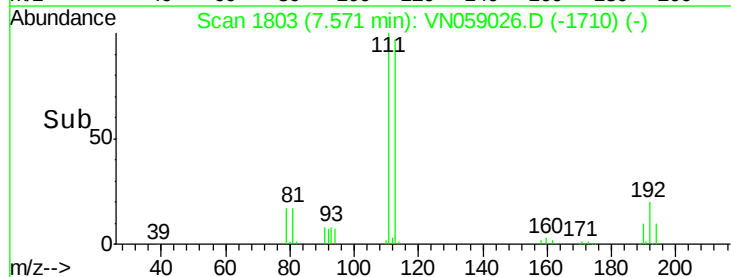
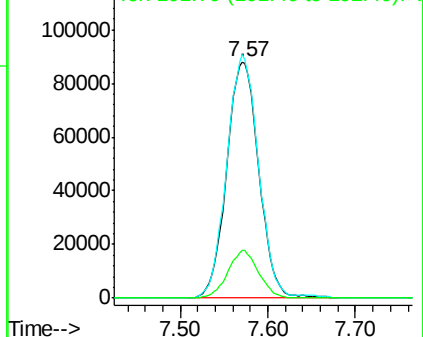


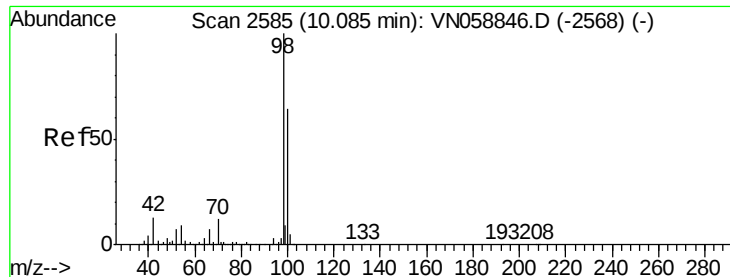
#35
 Dibromofluoromethane
 Concen: 49.998 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059026.D
 Acq: 31 Oct 2019 9:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	19.4	15.0	22.6



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: 49.099 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059026.D

Acq: 31 Oct 2019 9:49

Instrument :

MSVOA_N

ClientSampled :

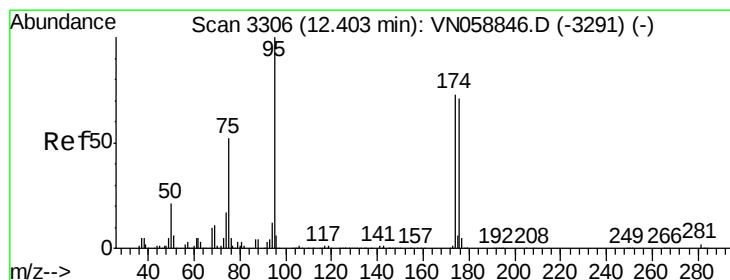
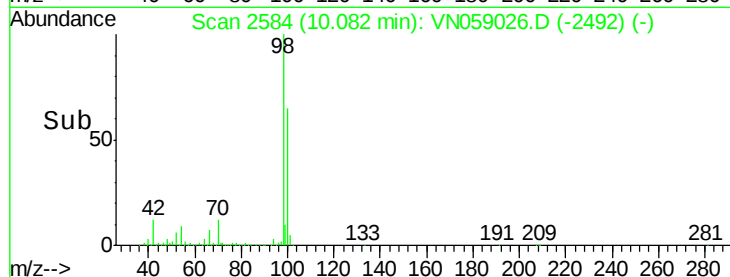
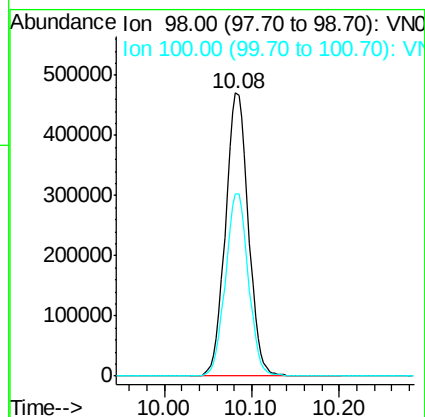
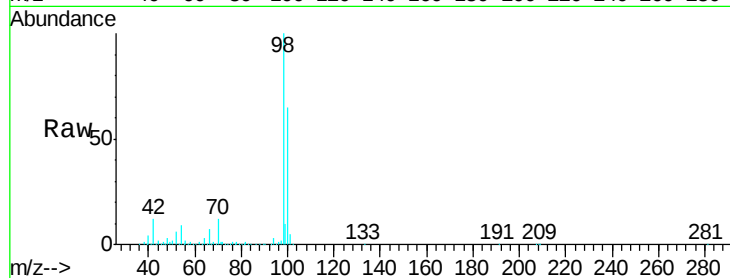
VN1031WBL01

Tgt Ion: 98 Resp: 858105

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 42.525 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059026.D

Acq: 31 Oct 2019 9:49

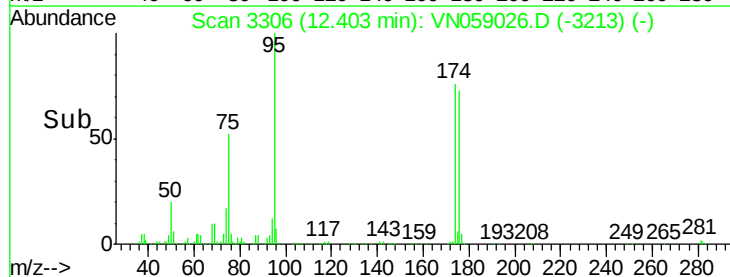
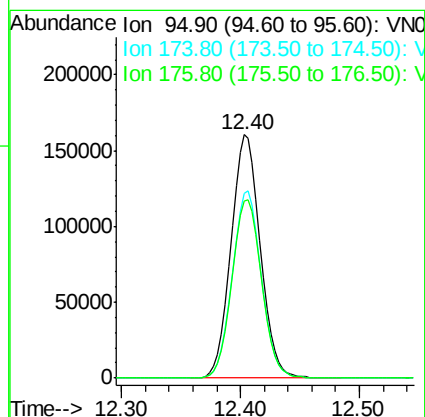
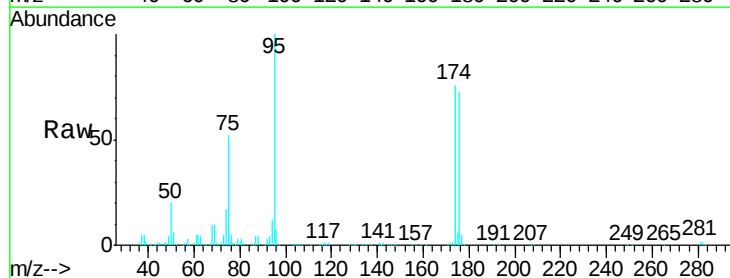
Tgt Ion: 95 Resp: 272928

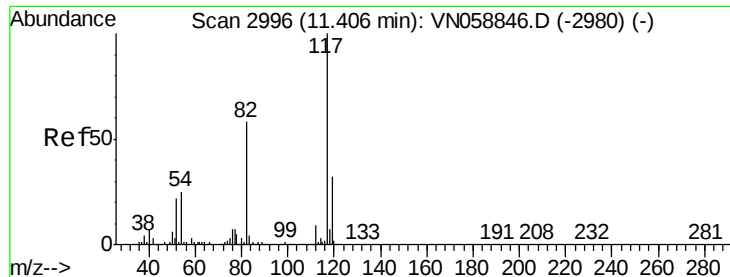
Ion Ratio Lower Upper

95 100

174 76.6 0.0 147.6

176 74.5 0.0 143.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059026.D

Acq: 31 Oct 2019 9:49

Instrument :

MSVOA_N

ClientSampled :

VN1031WBL01

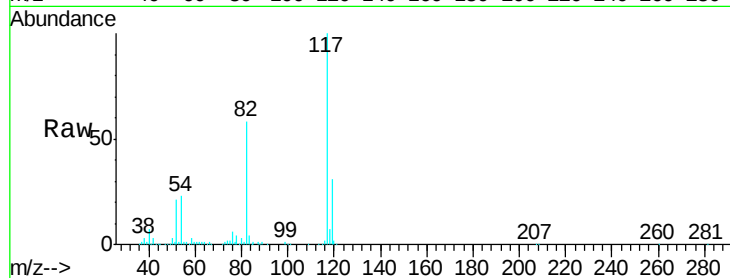
Tgt Ion:117 Resp: 604811

Ion Ratio Lower Upper

117 100

82 57.6 46.6 69.8

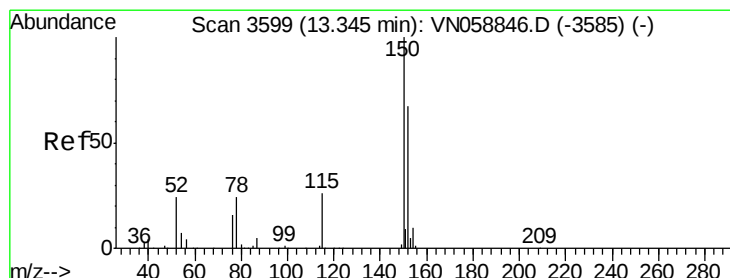
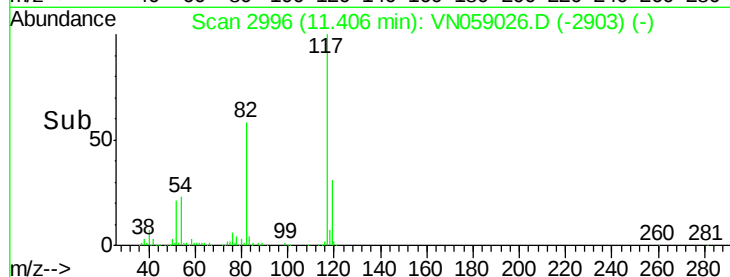
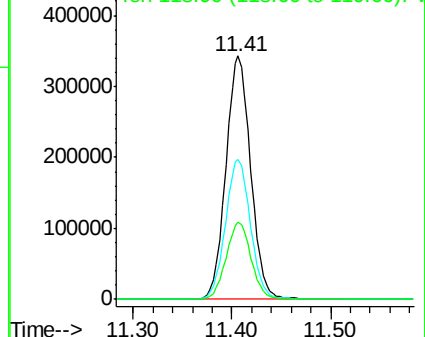
119 31.5 25.6 38.4



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# 3600

Delta R.T. 0.00 min

Lab File: VN059026.D

Acq: 31 Oct 2019 9:49

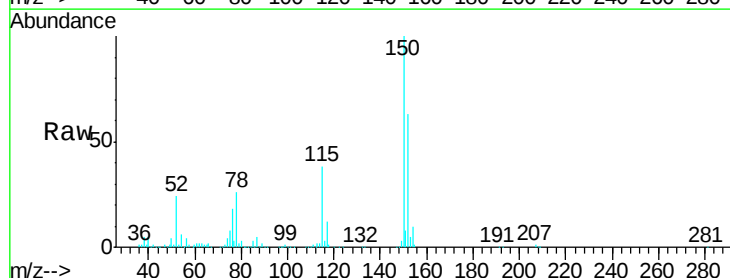
Tgt Ion:152 Resp: 218990

Ion Ratio Lower Upper

152 100

115 59.4 30.5 91.5

150 157.3 0.0 344.4



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

