

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062081.D
 Acq On : 24 Jun 2020 23:02
 Operator : JC/MD
 Sample : VN0624WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL02

Quant Time: Jun 25 05:35:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	218110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	392784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142407	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	158091	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
35) Dibromofluoromethane	7.55	113	131954	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	10.06	98	513548	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.38	95	169380	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	

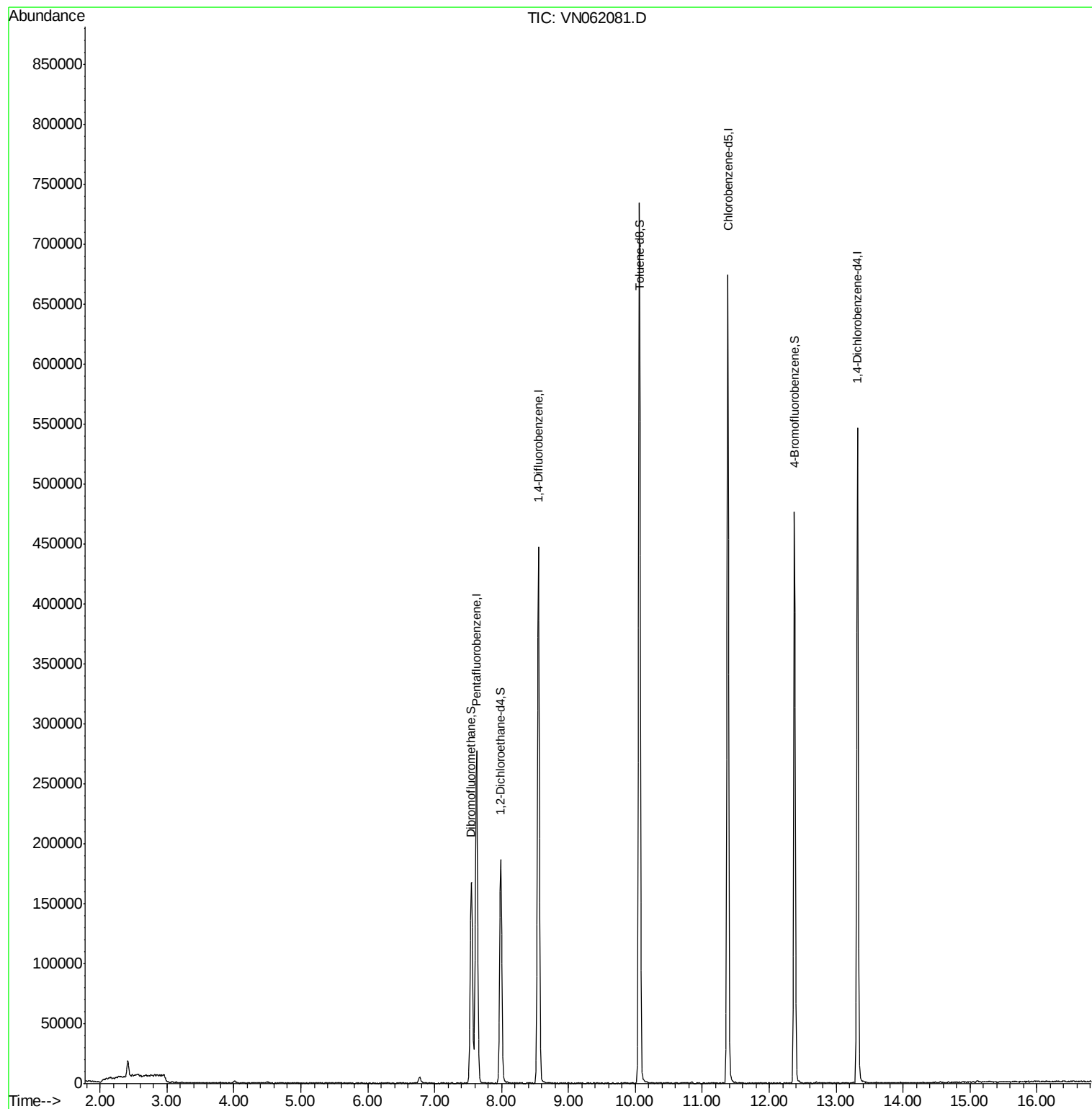
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

Instrument :

MSVOA_N

ClientSampleId :

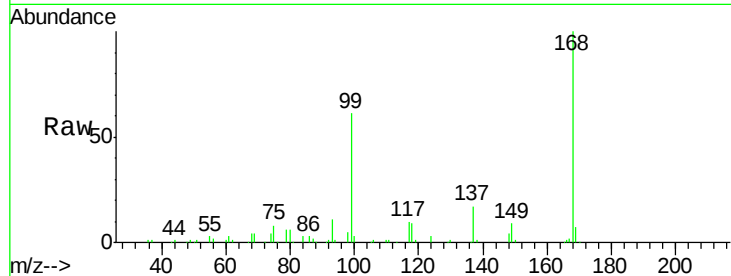
VN0624WBL02

Tot Ion:168 Resp: 218110

Ion Ratio Lower Upper

168 100

99 61.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

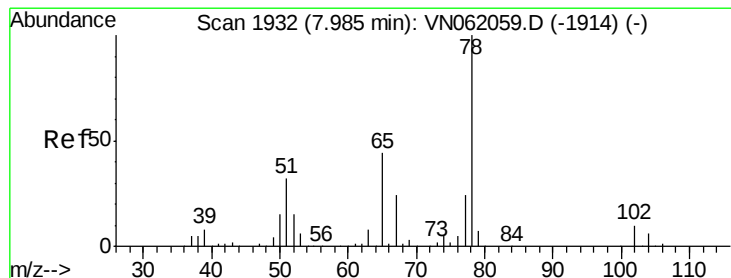
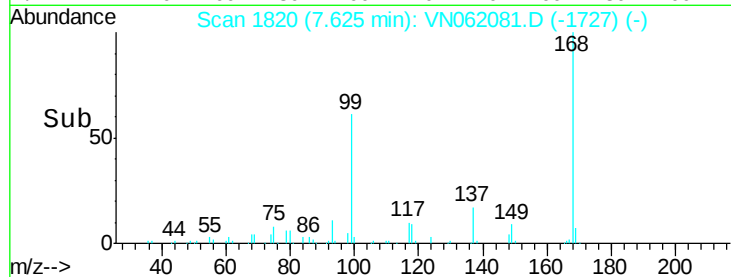
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.650 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062081.D

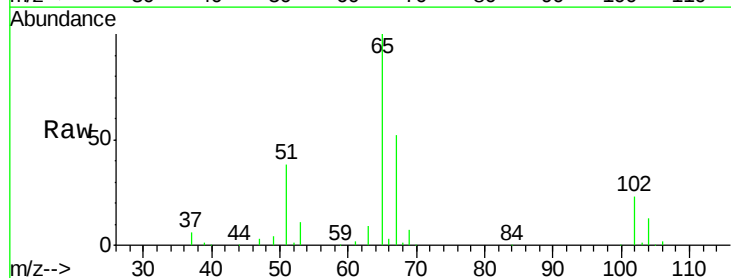
Acq: 24 Jun 2020 23:02

Tgt Ion: 65 Resp: 158091

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

80000

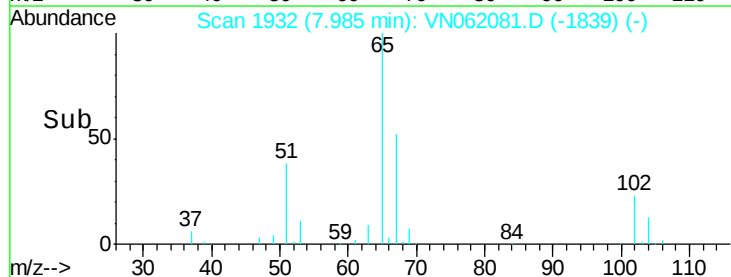
60000

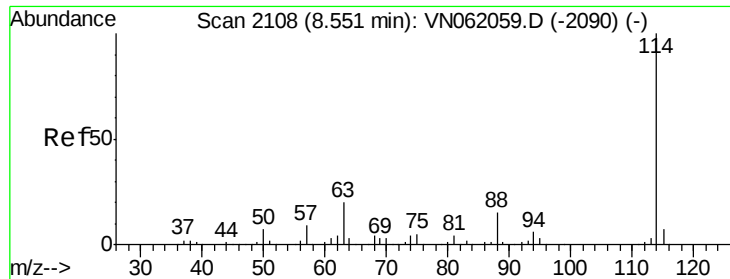
40000

20000

0

Time--> 7.90 8.00 8.10

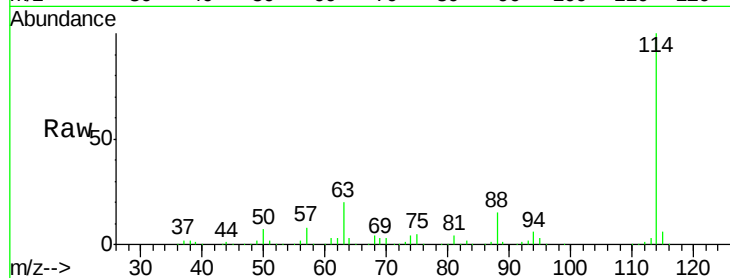




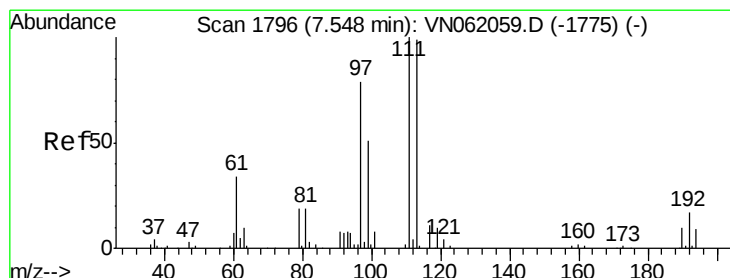
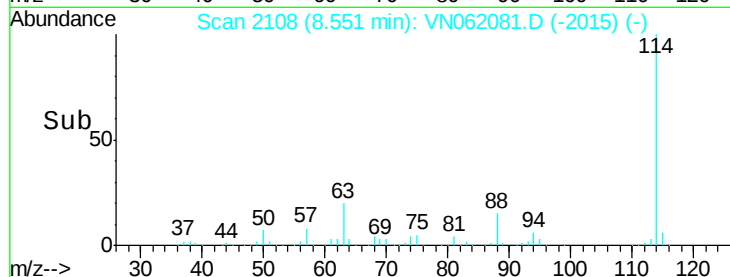
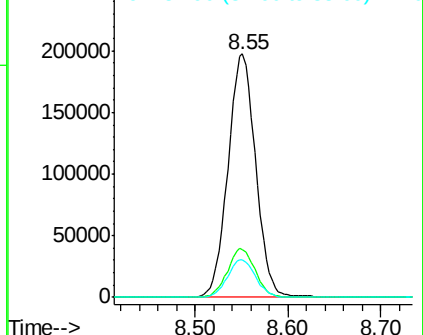
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062081.D
Acq: 24 Jun 2020 23:02

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL02

Tot Ion:114 Resp: 408771
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 15.2 0.0 30.8

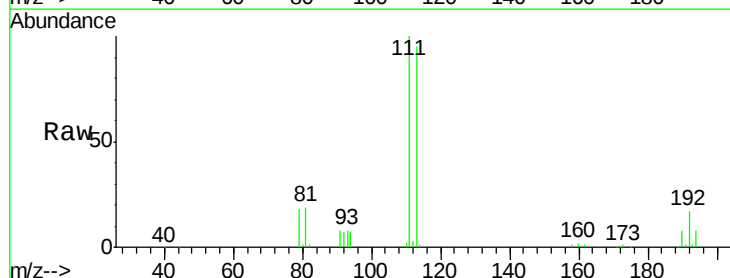


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

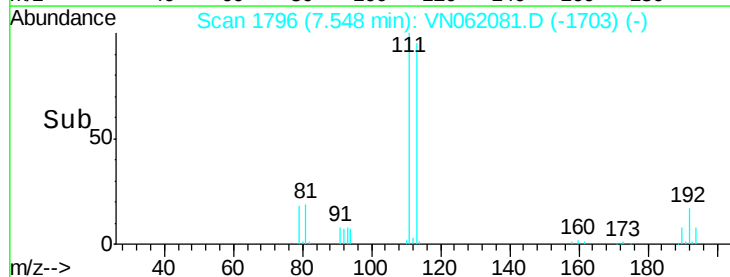
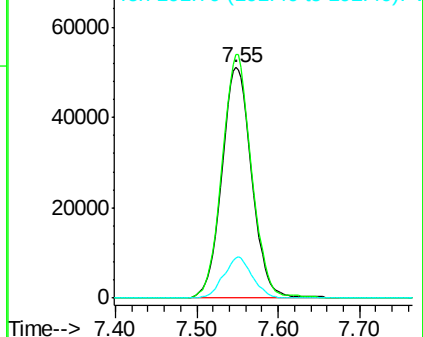


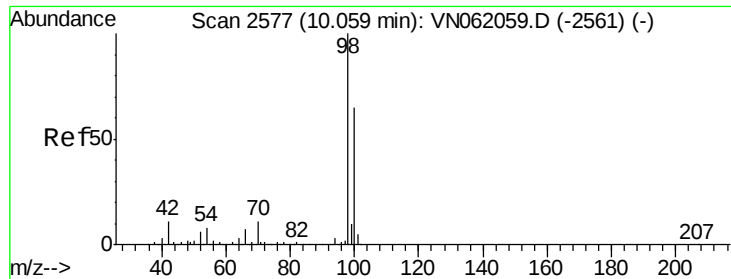
#35
Dibromofluoromethane
Concen: 50.317 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062081.D
Acq: 24 Jun 2020 23:02

Tgt Ion:113 Resp: 131954
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.0 14.0 21.0



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: 48.989 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

Instrument :

MSVOA_N

ClientSampleId :

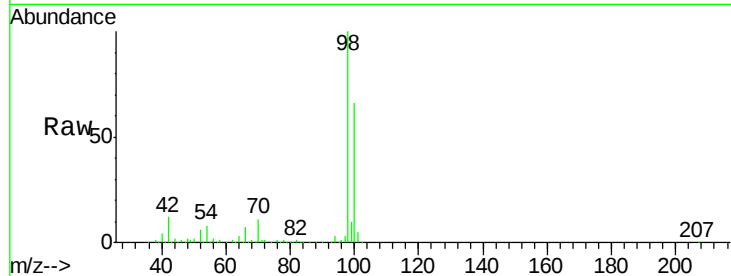
VN0624WBL02

Tot Ion: 98 Resp: 513548

Ion Ratio Lower Upper

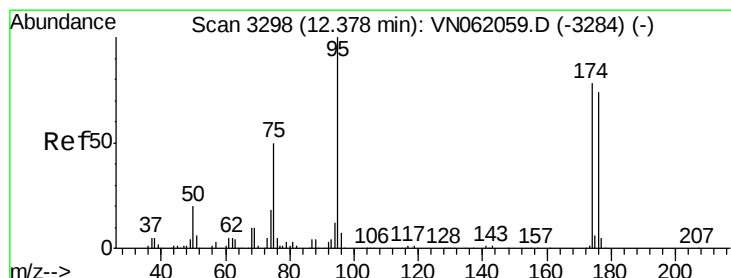
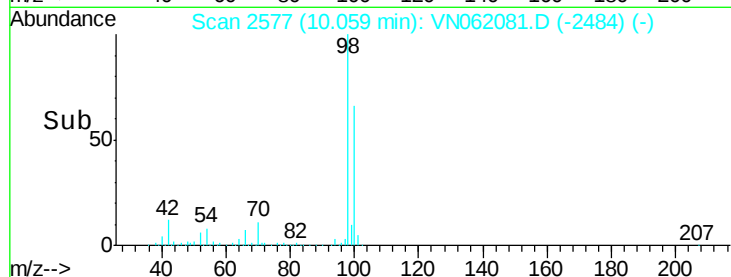
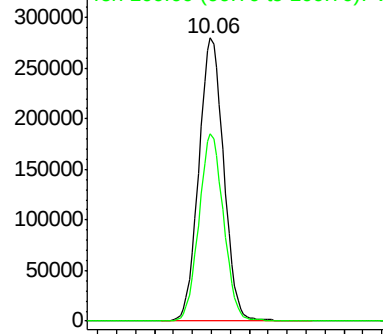
98 100

100 65.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.824 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

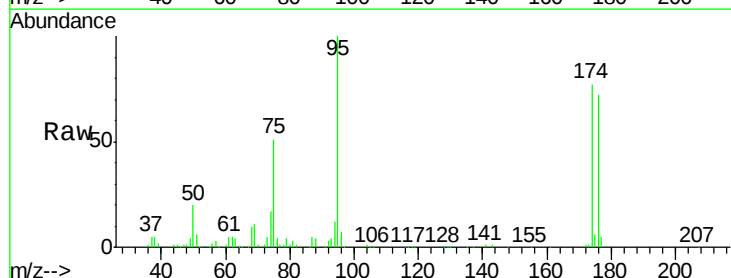
Tgt Ion: 95 Resp: 169380

Ion Ratio Lower Upper

95 100

174 75.3 0.0 154.8

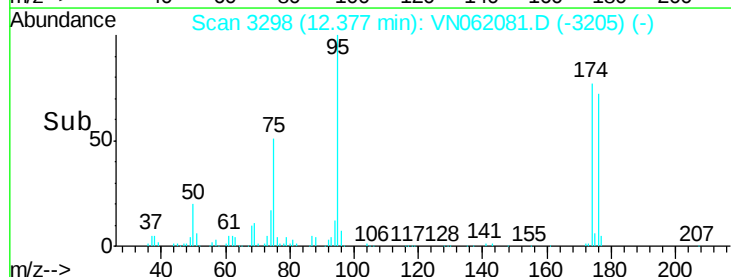
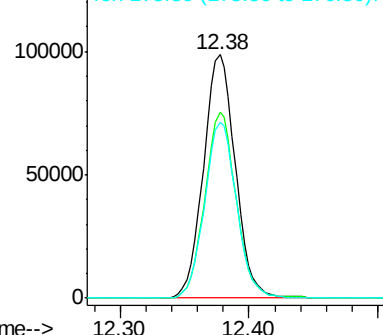
176 72.4 0.0 147.4

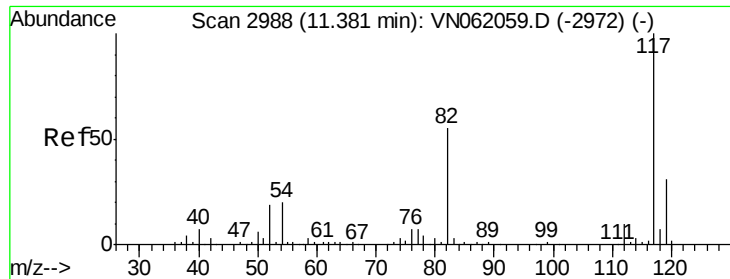


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBL02

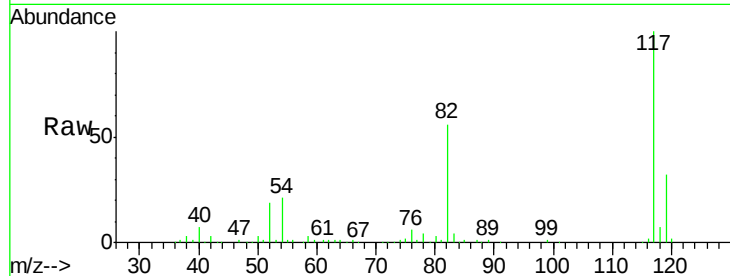
Tot Ion:117 Resp: 392784

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

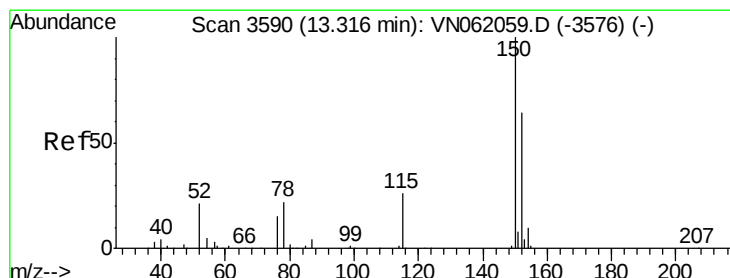
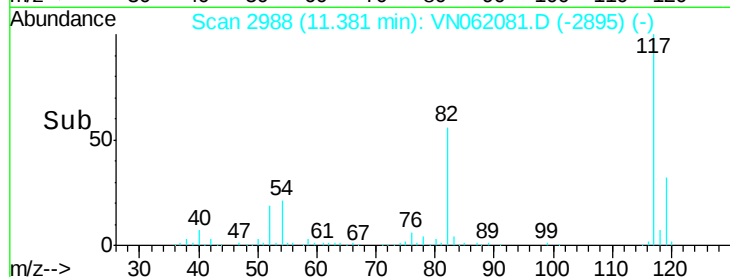
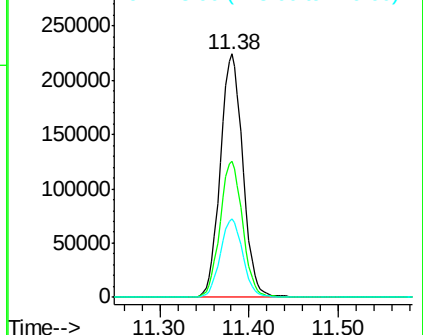
119 32.2 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062081.D

Acq: 24 Jun 2020 23:02

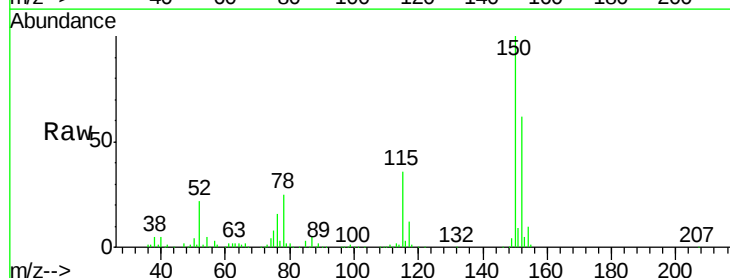
Tgt Ion:152 Resp: 142407

Ion Ratio Lower Upper

152 100

115 59.6 29.5 88.5

150 159.8 0.0 351.4



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

