

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061743.D
 Acq On : 11 Jun 2020 13:36
 Operator : JC/MD
 Sample : VN0611WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBL01

Quant Time: Jun 12 05:22:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	289518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	475788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	466557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208847	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	157337	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	7.54	113	133139	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
50) Toluene-d8	10.06	98	564430	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.38	95	197190	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

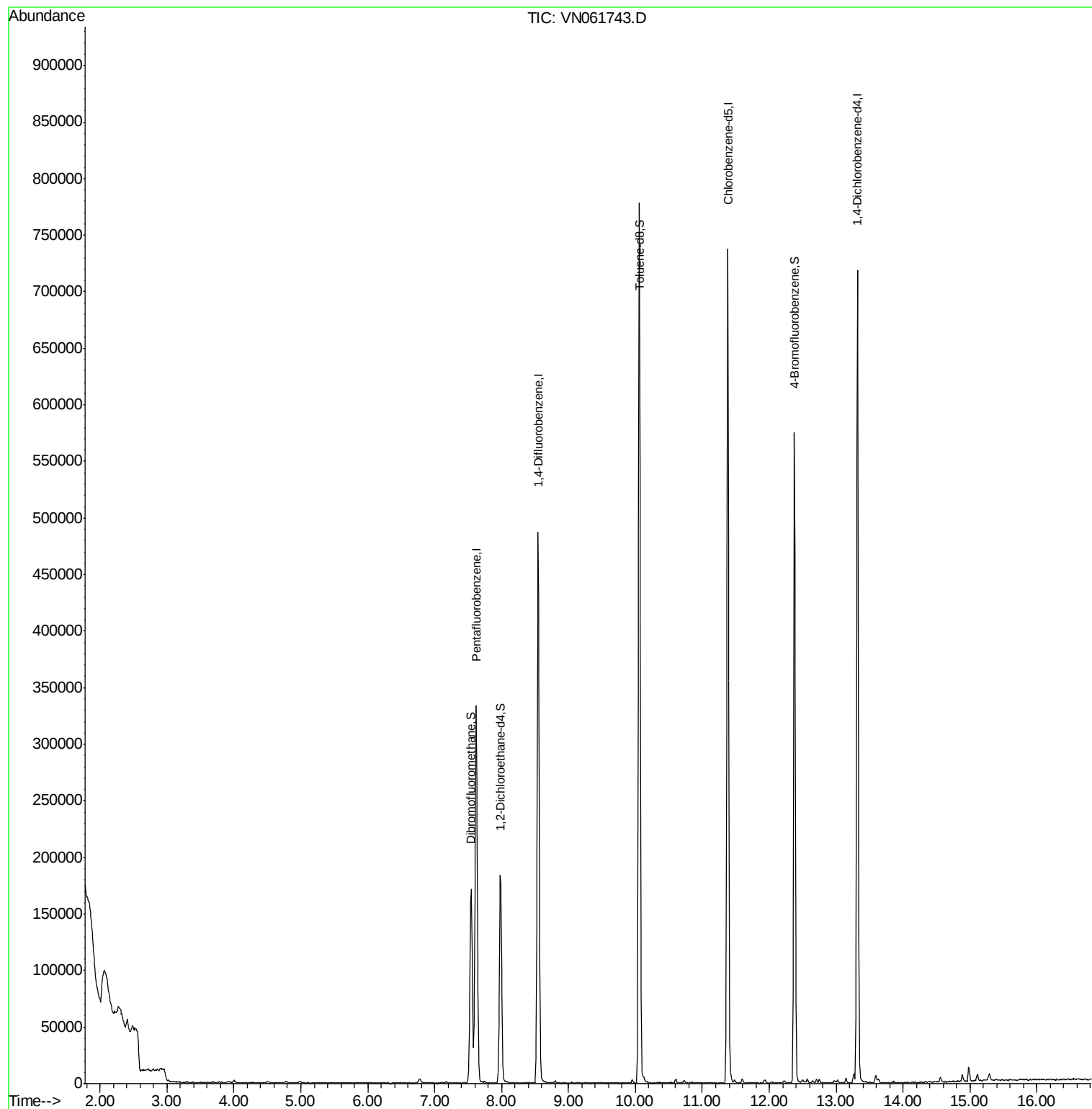
Target Compounds	Qvalue

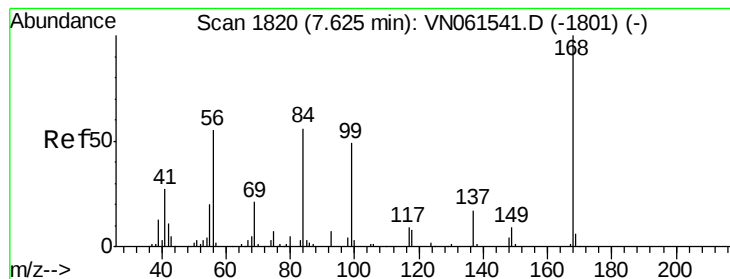
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

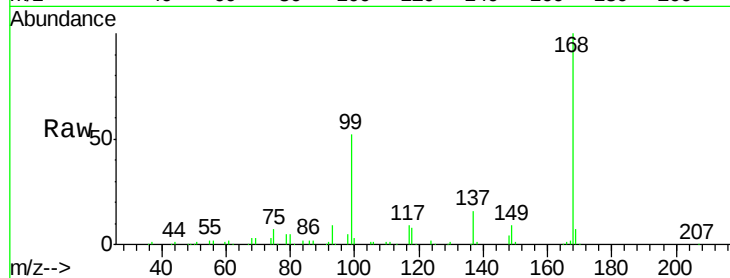
VN0611WBL01

Tot Ion:168 Resp: 289518

Ion Ratio Lower Upper

168 100

99 52.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

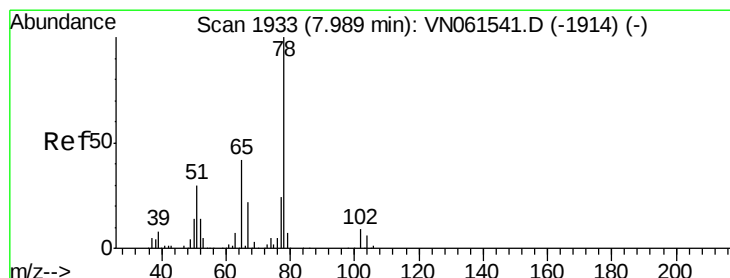
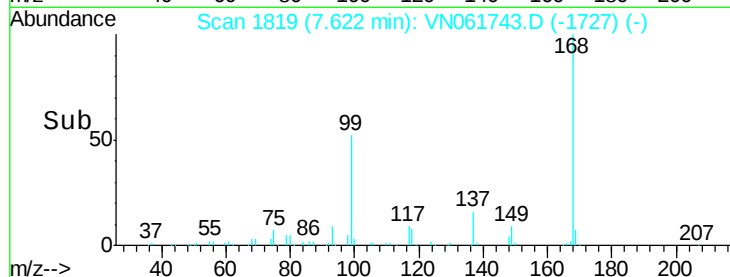
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 45.613 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN061743.D

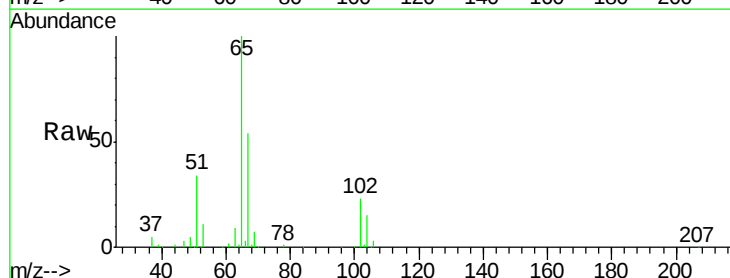
Acq: 11 Jun 2020 13:36

Tgt Ion: 65 Resp: 157337

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.98

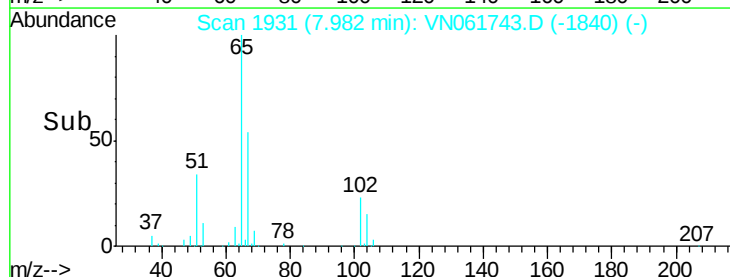
60000

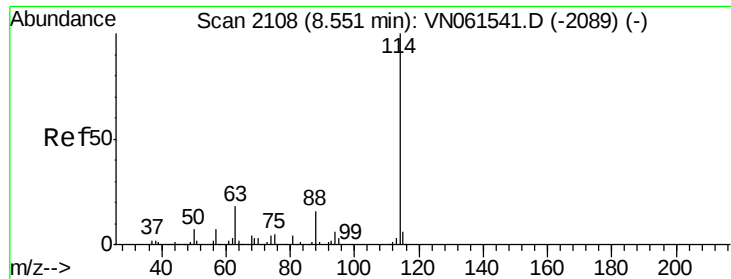
40000

20000

0

Time--> 7.90 8.00 8.10

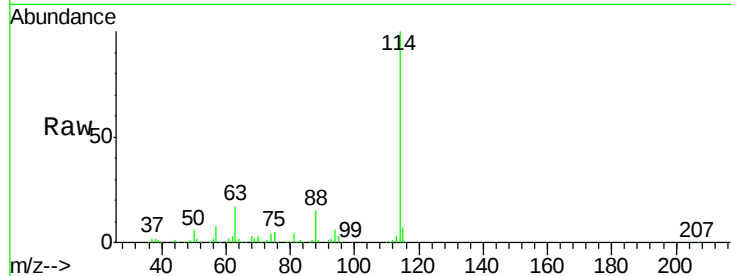




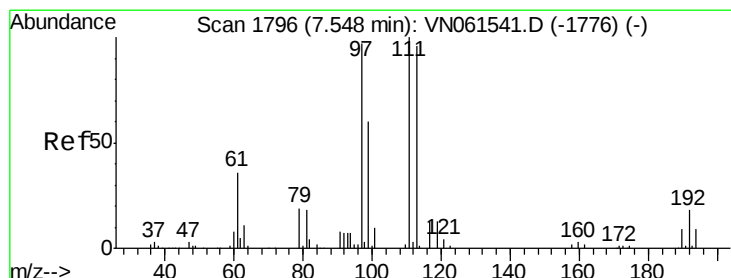
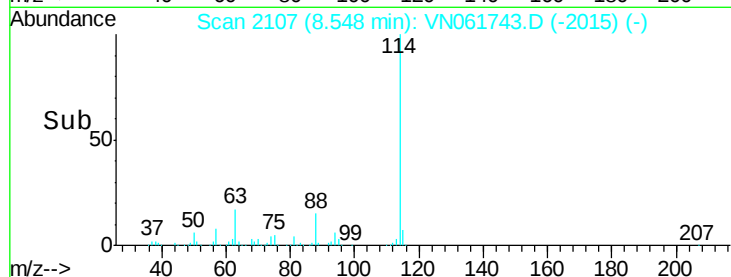
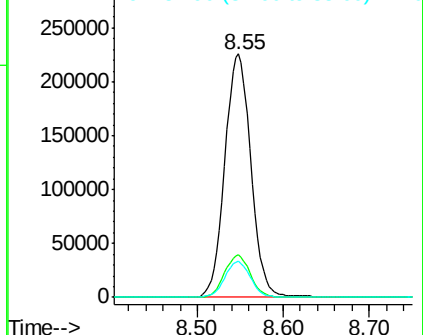
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tot Ion:114 Resp: 475788
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.8
88 14.8 0.0 31.0

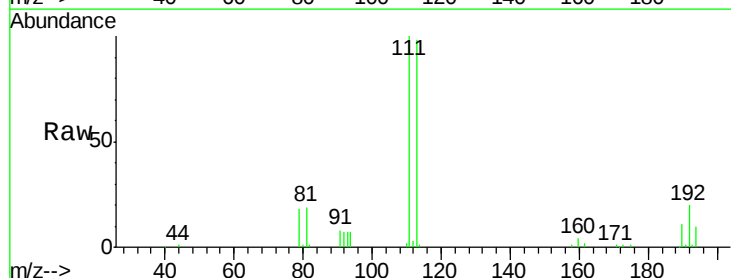


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

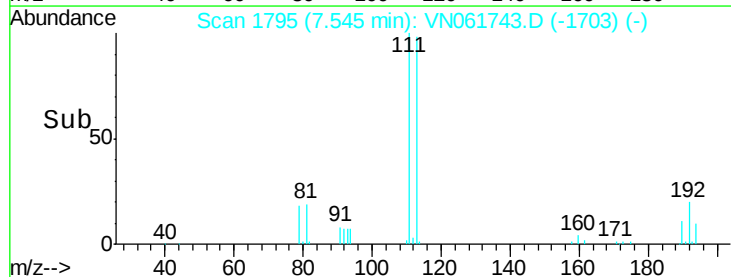
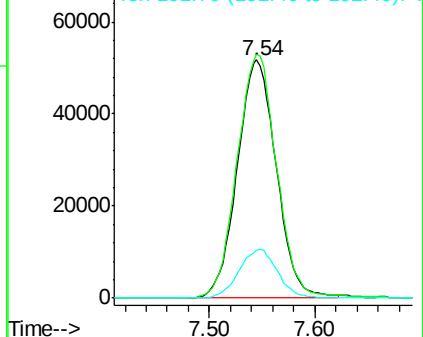


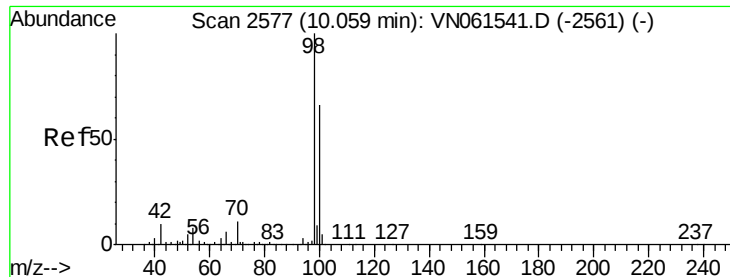
#35
Dibromofluoromethane
Concen: 55.162 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061743.D
Acq: 11 Jun 2020 13:36

Tgt Ion:113 Resp: 133139
Ion Ratio Lower Upper
113 100
111 103.2 83.4 125.0
192 20.1 15.4 23.2



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: 50.464 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

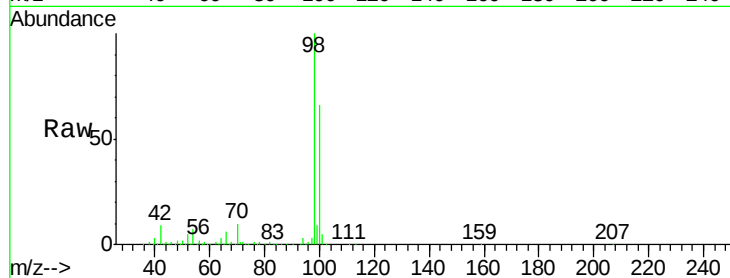
VN0611WBL01

Tot Ion: 98 Resp: 564430

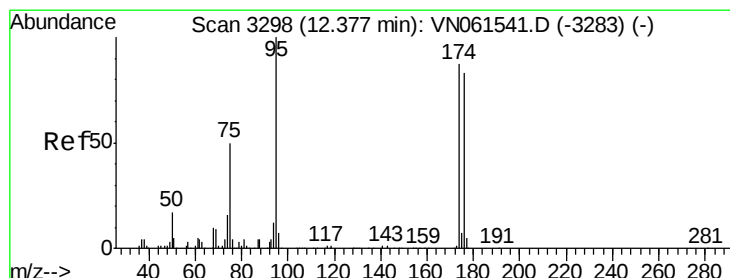
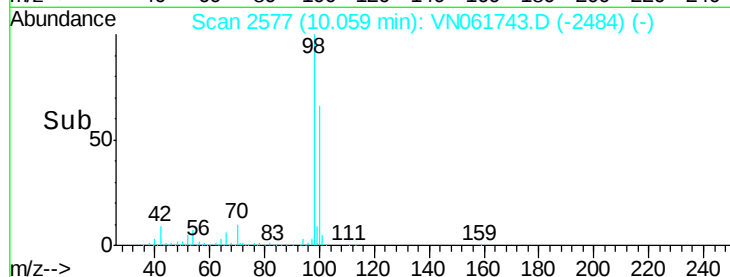
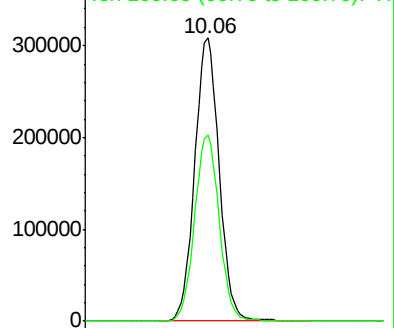
Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)



#62

4-Bromofluorobenzene

Concen: 48.323 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

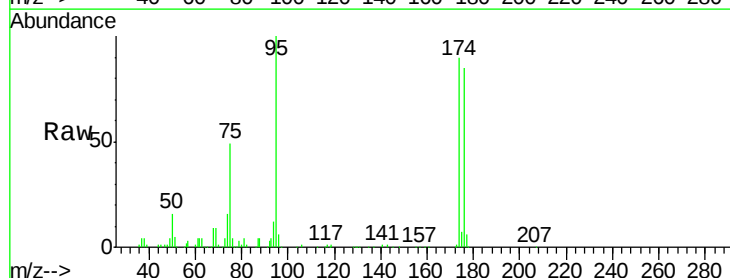
Tgt Ion: 95 Resp: 197190

Ion Ratio Lower Upper

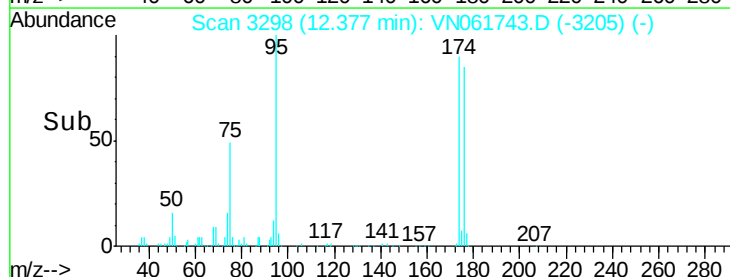
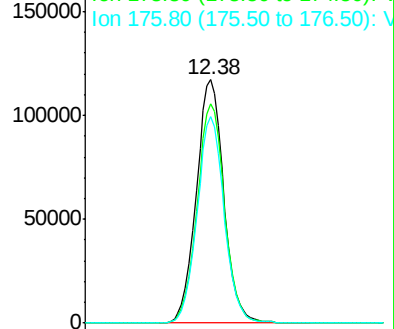
95 100

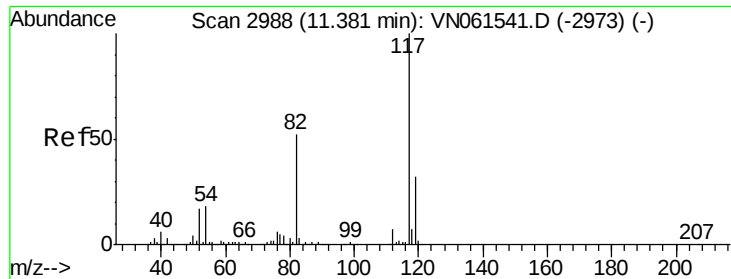
174 90.3 0.0 172.8

176 84.0 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0611WBL01

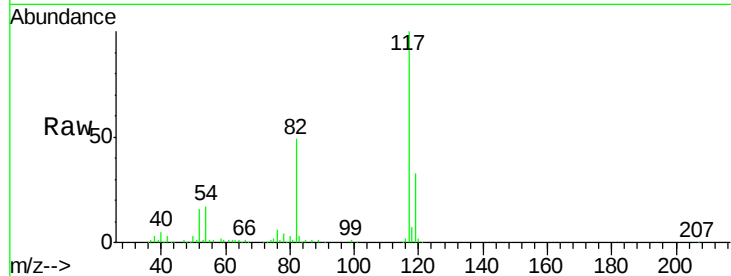
Tot Ion:117 Resp: 466557

Ion Ratio Lower Upper

117 100

82 49.4 41.5 62.3

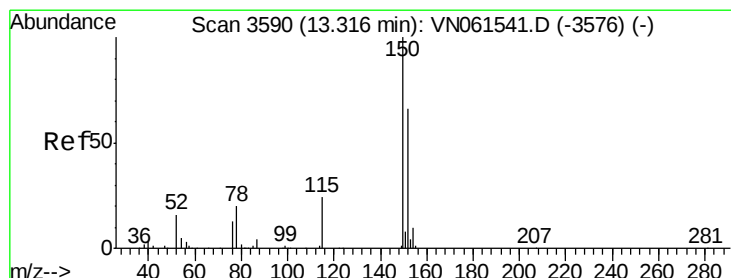
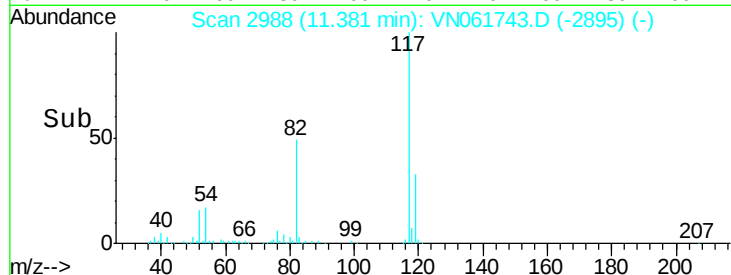
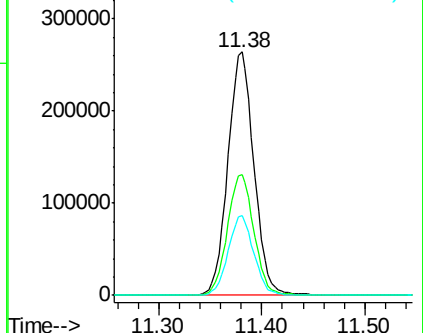
119 32.8 25.6 38.4



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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061743.D

Acq: 11 Jun 2020 13:36

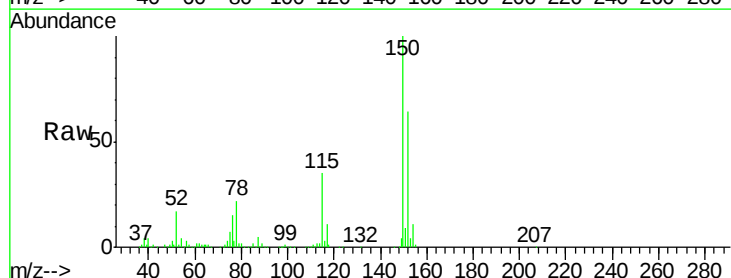
Tgt Ion:152 Resp: 208847

Ion Ratio Lower Upper

152 100

115 55.3 28.0 84.0

150 157.9 0.0 344.0



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

