

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061683.D
 Acq On : 5 Jun 2020 20:35
 Operator : JC/MD
 Sample : L2921-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF012MW029-200604

Quant Time: Jun 06 04:30:24 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	7.63	168	298755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	514788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	501937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	228638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	173269	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	7.55	113	148421	56.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.68%	
50) Toluene-d8	10.06	98	612188	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.38	95	221230	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

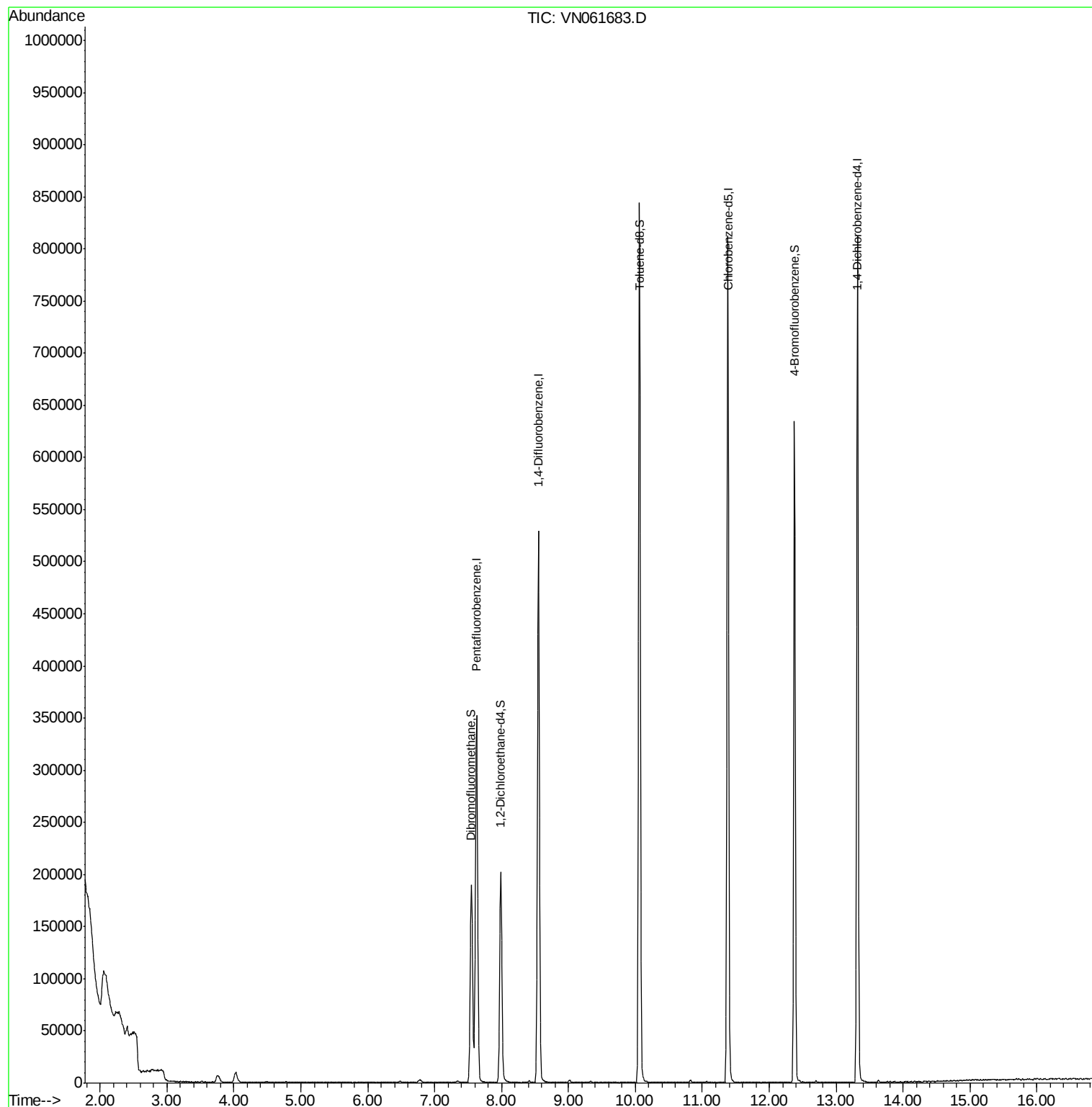
Target Compounds	Qvalue

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061683.D

Acq: 5 Jun 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

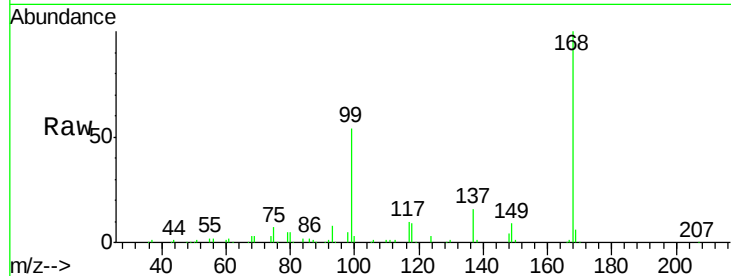
LF012MW029-200604

Tot Ion:168 Resp: 298755

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

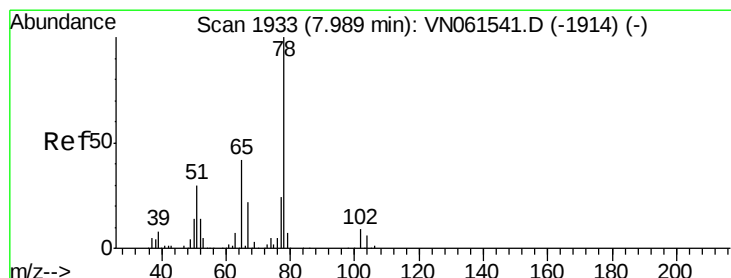
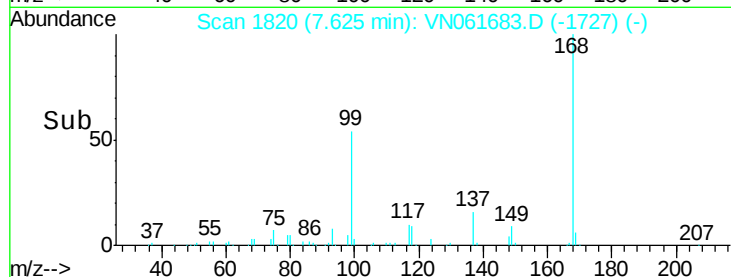
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 48.678 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061683.D

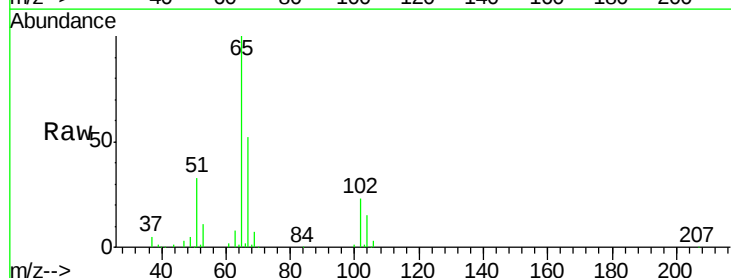
Acq: 5 Jun 2020 20:35

Tgt Ion: 65 Resp: 173269

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

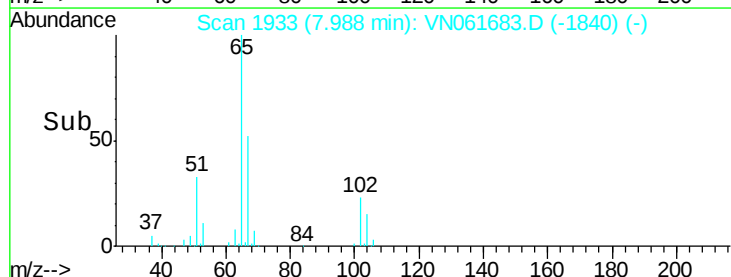
60000

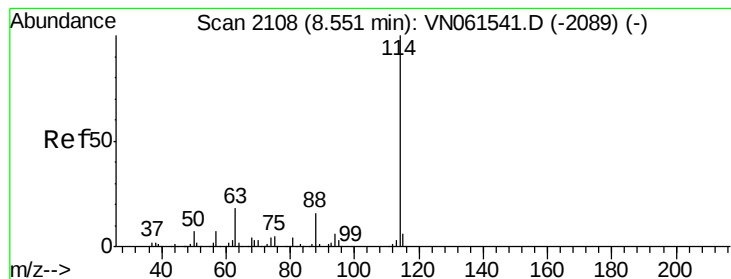
40000

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: VN061683.D

Acq: 5 Jun 2020 20:35

Instrument :

MSVOA_N

ClientSampleId :

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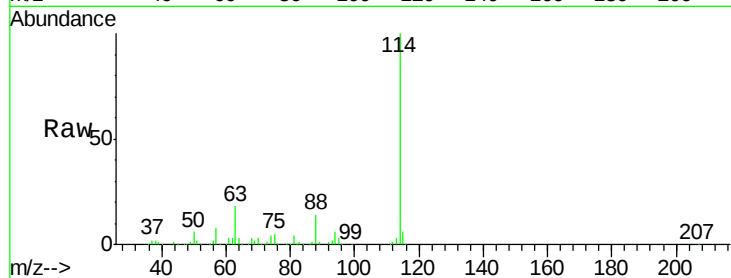
Tot Ion:114 Resp: 514788

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

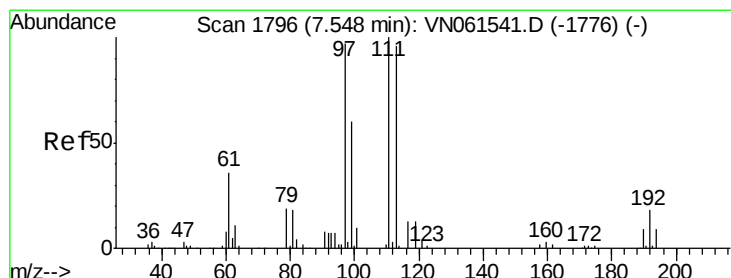
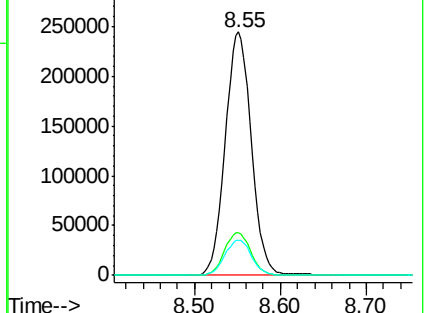
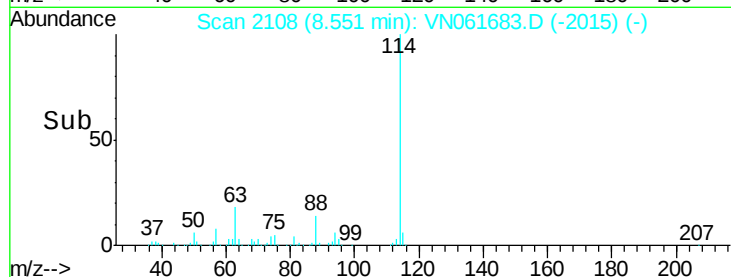
88 14.4 0.0 31.0



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: 56.835 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061683.D

Acq: 5 Jun 2020 20:35

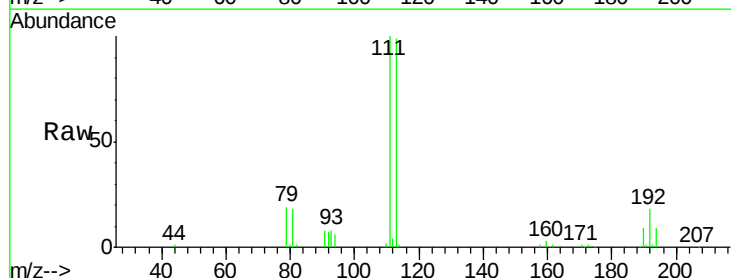
Tgt Ion:113 Resp: 148421

Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.0

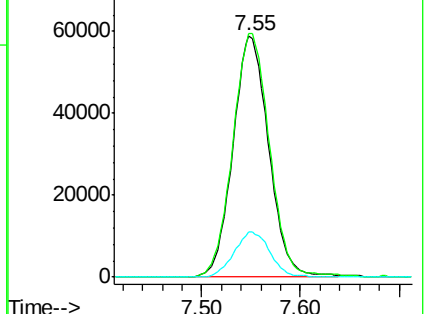
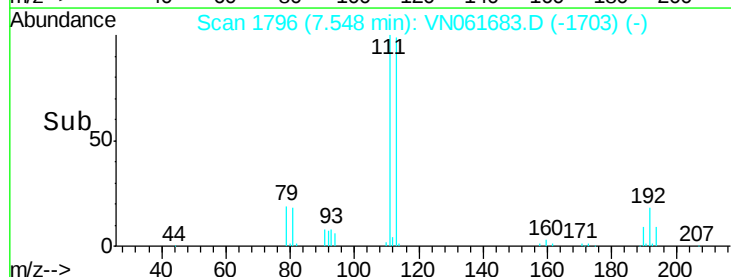
192 18.7 15.4 23.2

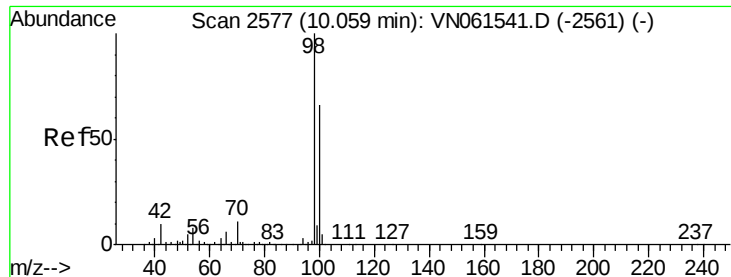


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.587 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061683.D

Acq: 5 Jun 2020 20:35

Instrument :

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ClientSampleId :

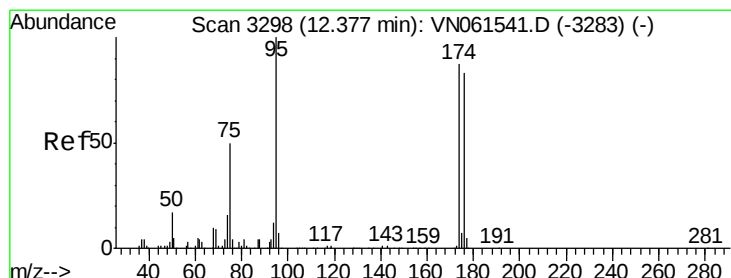
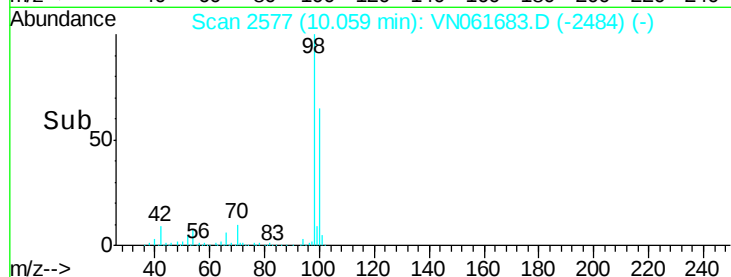
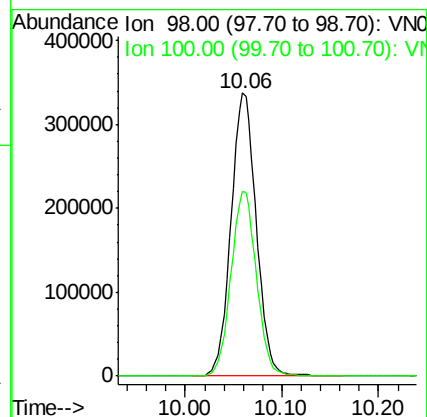
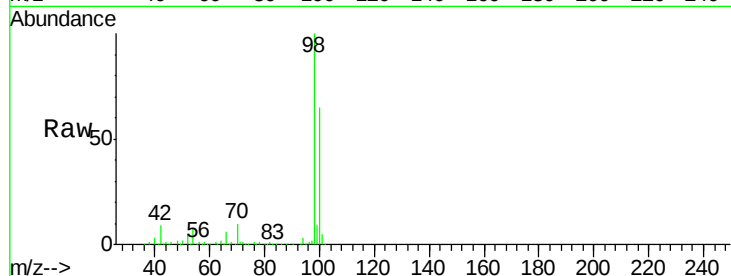
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Tot Ion: 98 Resp: 612188

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 50.107 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061683.D

Acq: 5 Jun 2020 20:35

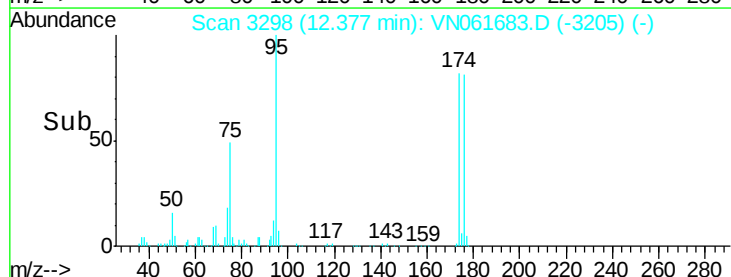
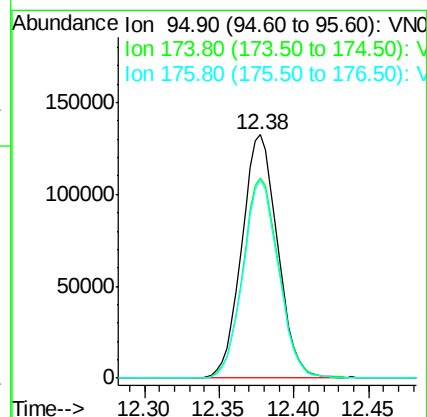
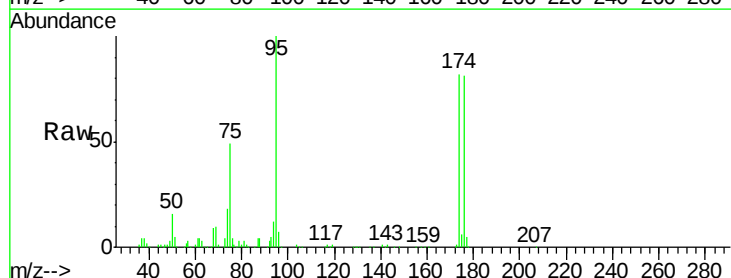
Tgt Ion: 95 Resp: 221230

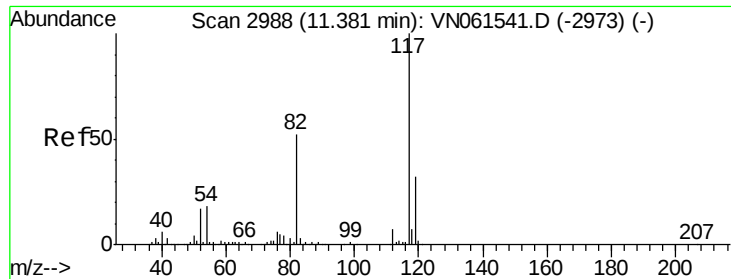
Ion Ratio Lower Upper

95 100

174 82.9 0.0 172.8

176 80.7 0.0 164.8

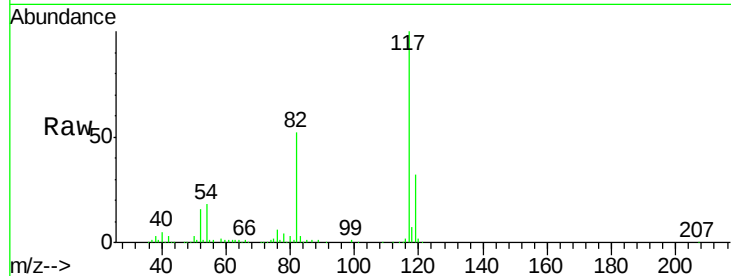




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061683.D
Acq: 5 Jun 2020 20:35

Instrument :
MSVOA_N
ClientSampleId :
LF012MW029-200604

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.5	62.3
119	32.3	25.6	38.4

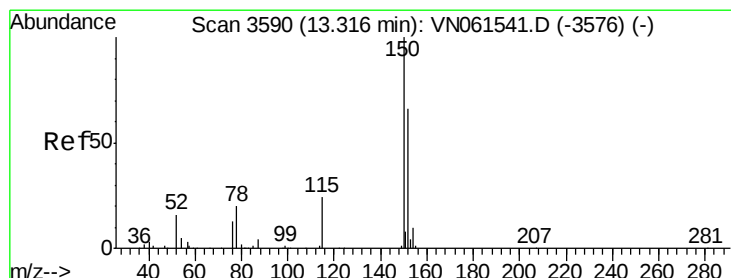
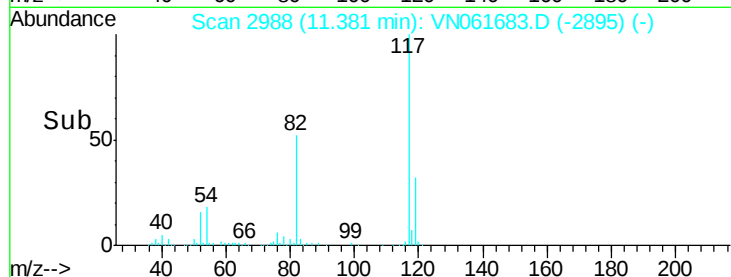
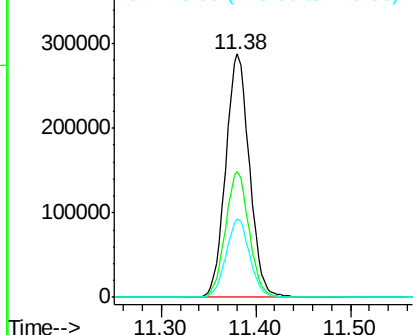


Abundance

Ion 116.90 (116.60 to 117.60): V

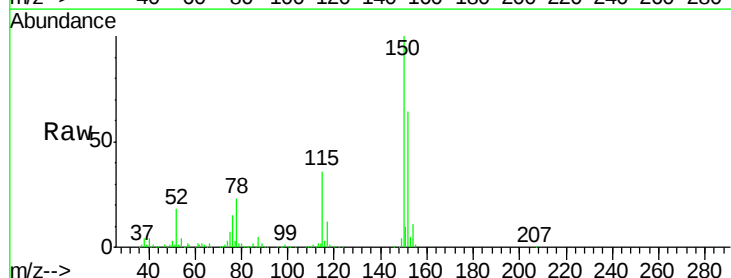
Ion 82.00 (81.70 to 82.70): V

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: VN061683.D
Acq: 5 Jun 2020 20:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.0	84.0
150	158.9	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

