

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061669.D
 Acq On : 5 Jun 2020 15:07
 Operator : JC/MD
 Sample : L2903-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRW-2

Quant Time: Jun 06 03:54:42 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	309523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	540607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	521309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244102	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177260	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.55	113	153368	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
50) Toluene-d8	10.06	98	639351	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.38	95	238140	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	

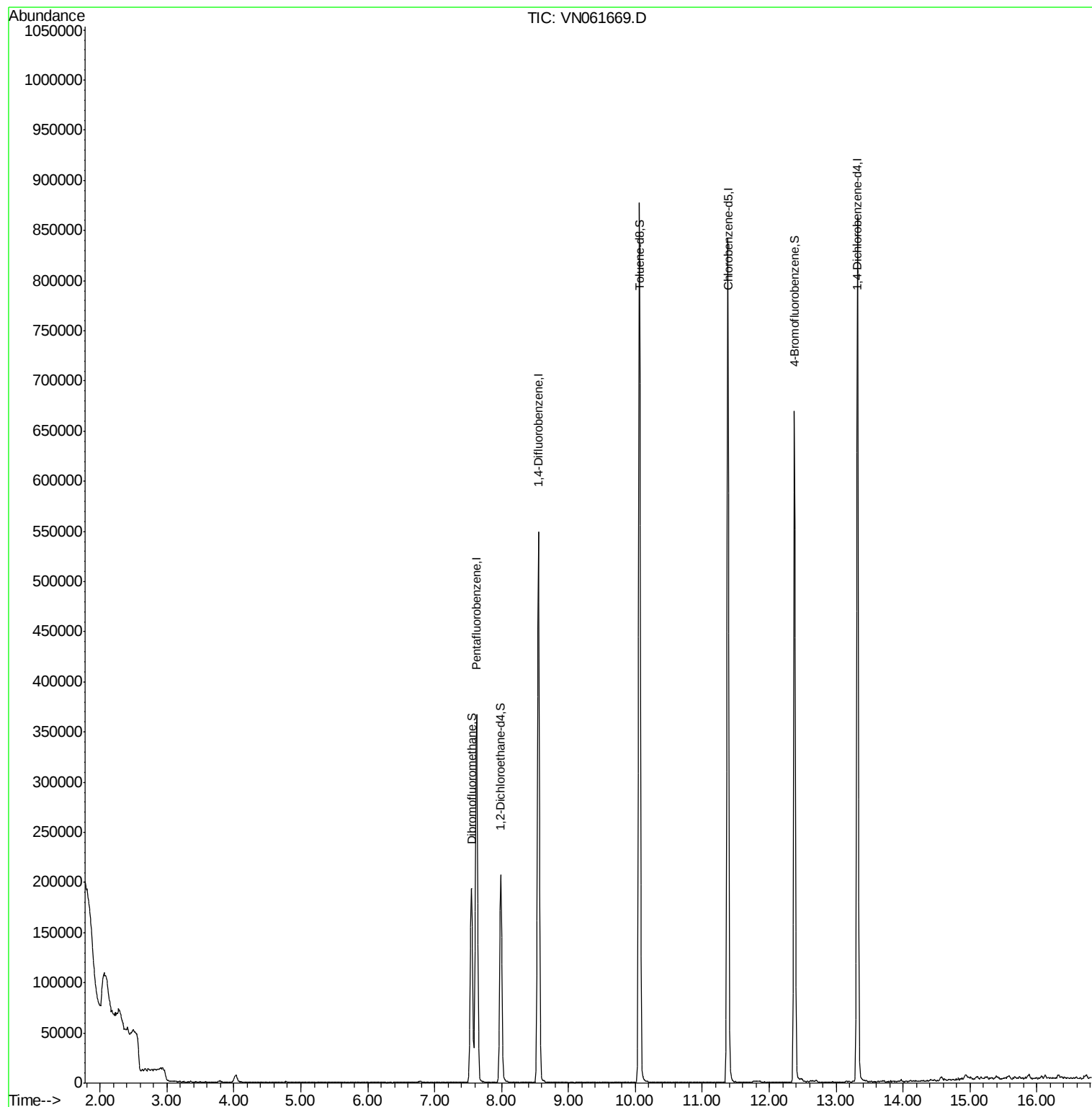
Target Compounds	Qvalue

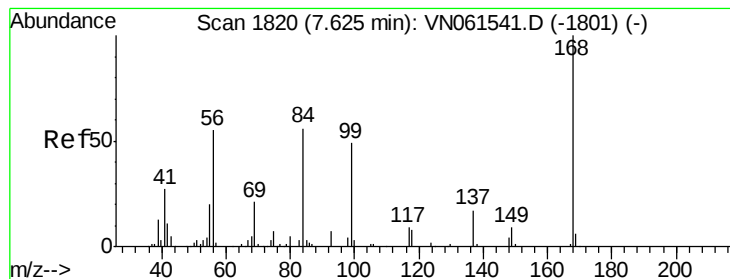
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061669.D

Acq: 5 Jun 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

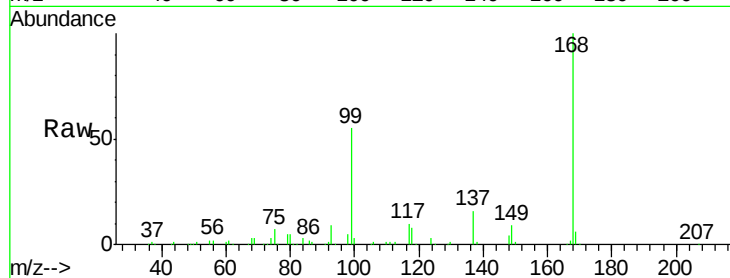
DRW-2

Tot Ion:168 Resp: 309523

Ion Ratio Lower Upper

168 100

99 54.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061541.D (-1801) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1801) (-)

7.63

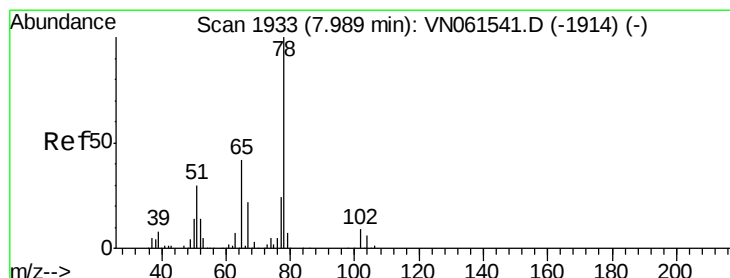
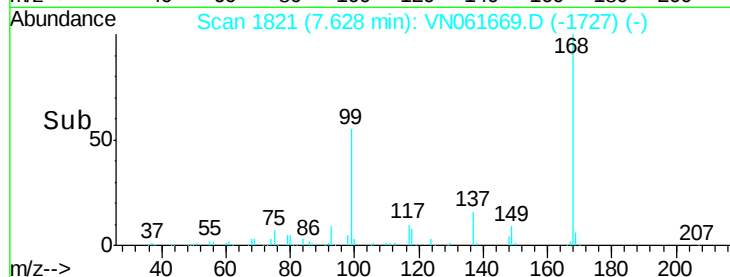
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 48.067 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061669.D

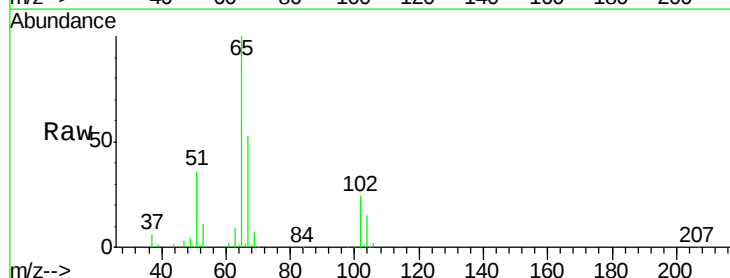
Acq: 5 Jun 2020 15:07

Tgt Ion: 65 Resp: 177260

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061541.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061541.D (-1914) (-)

7.99

80000

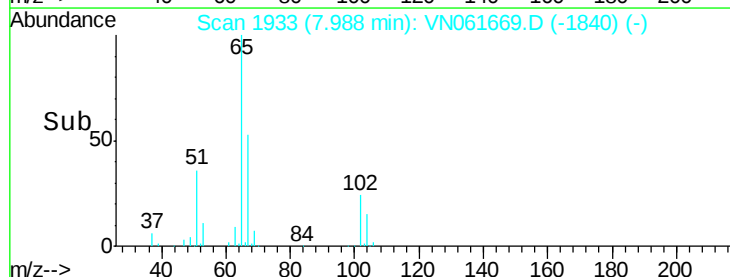
60000

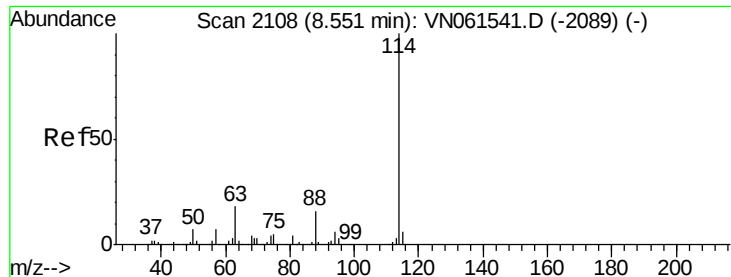
40000

20000

0

Time--> 7.90 8.00 8.10

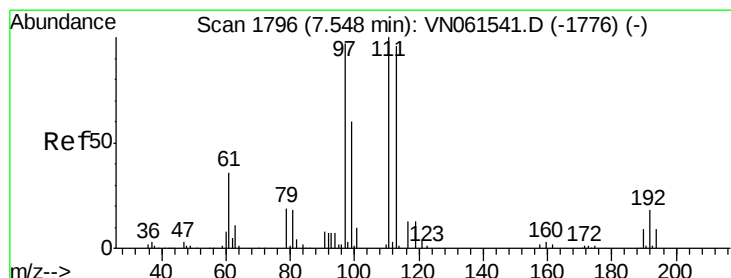
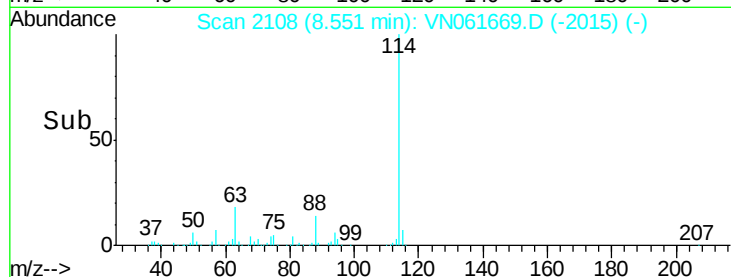
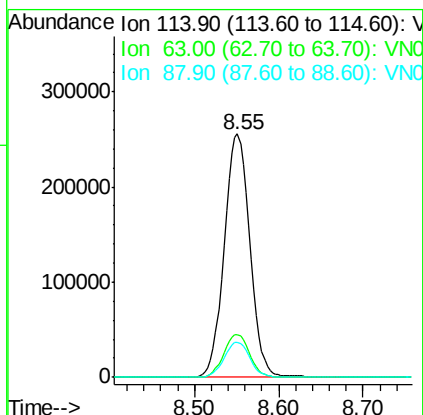
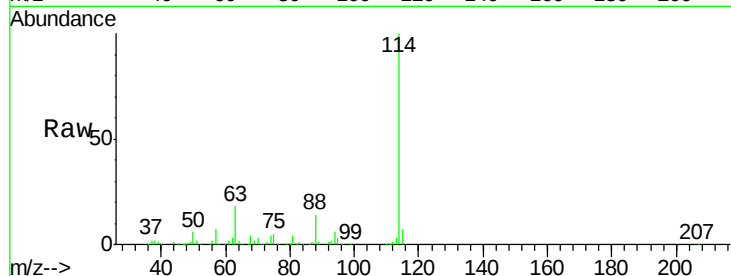




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061669.D
 Acq: 5 Jun 2020 15:07

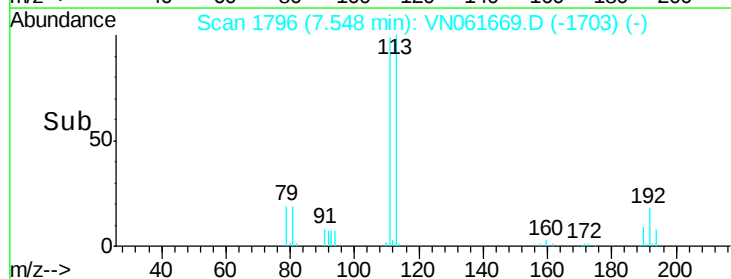
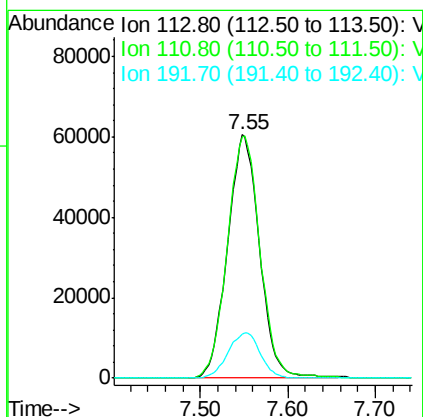
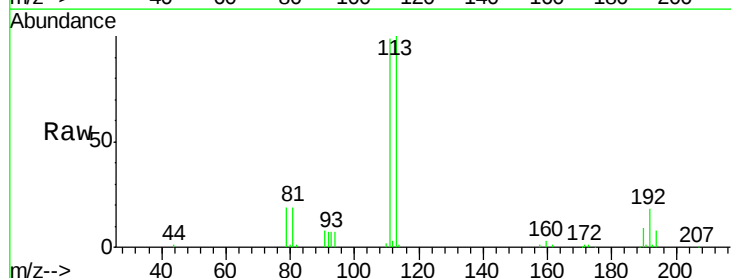
Instrument :
 MSVOA_N
 ClientSampleId :
 DRW-2

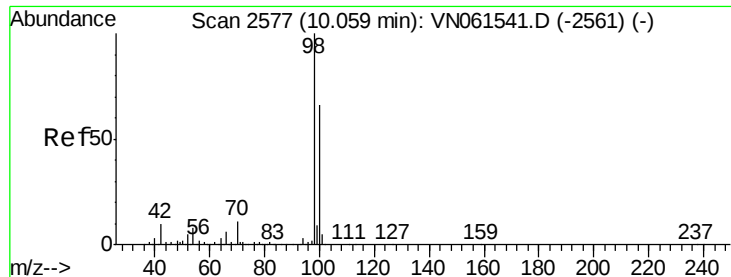
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.8
88	14.4	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 55.925 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061669.D
 Acq: 5 Jun 2020 15:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.0
192	18.8	15.4	23.2





#50

Toluene-d8

Concen: 50.308 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061669.D

Acq: 5 Jun 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

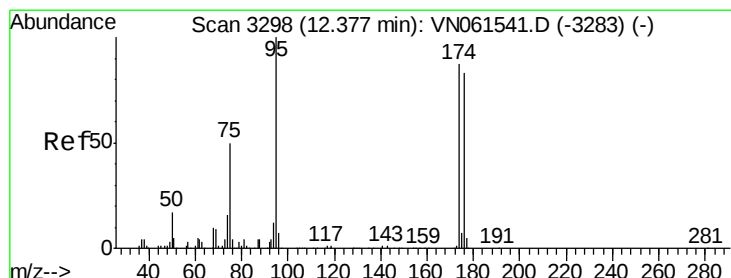
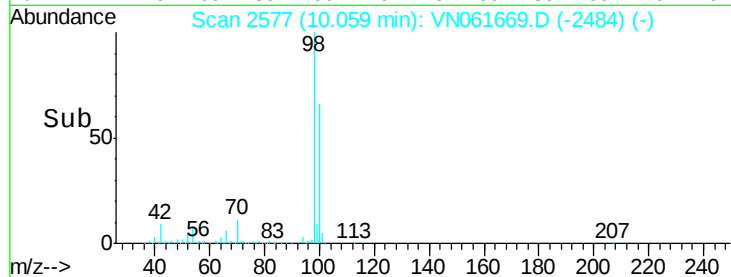
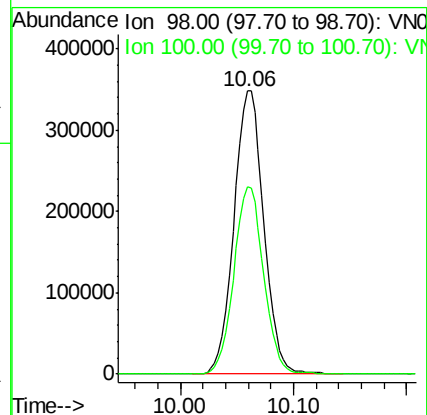
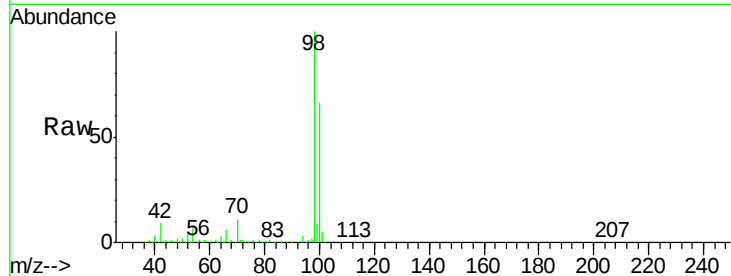
DRW-2

Tot Ion: 98 Resp: 639351

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 51.361 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061669.D

Acq: 5 Jun 2020 15:07

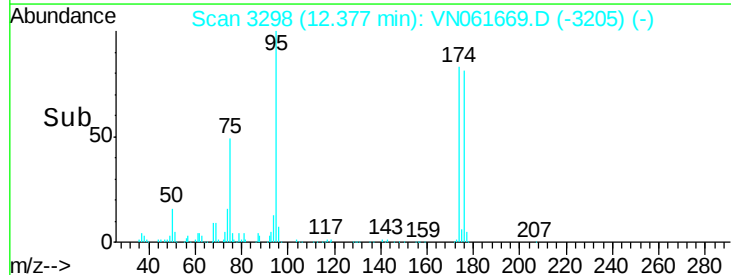
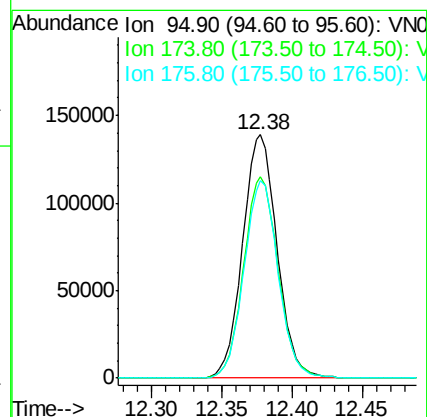
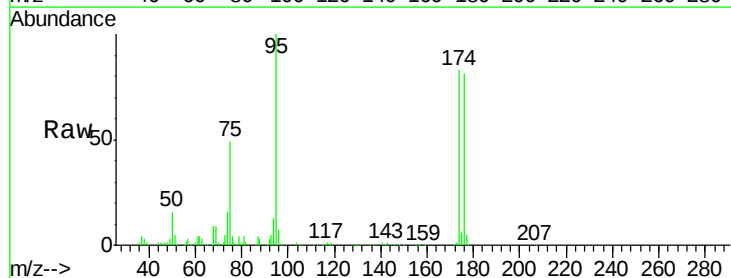
Tgt Ion: 95 Resp: 238140

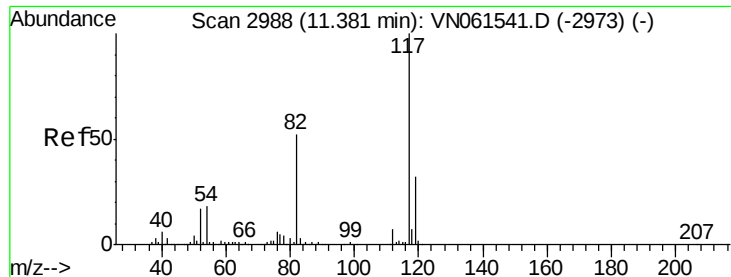
Ion Ratio Lower Upper

95 100

174 83.1 0.0 172.8

176 80.4 0.0 164.8

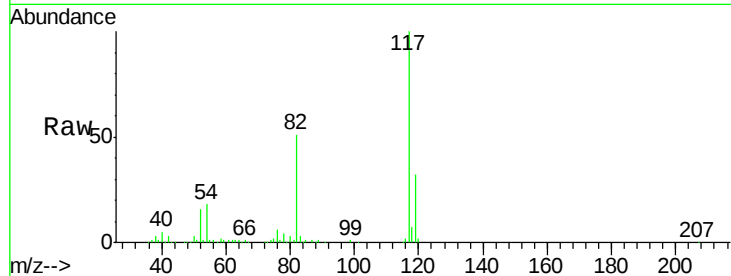




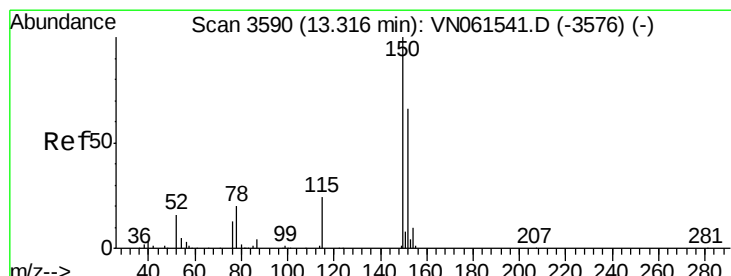
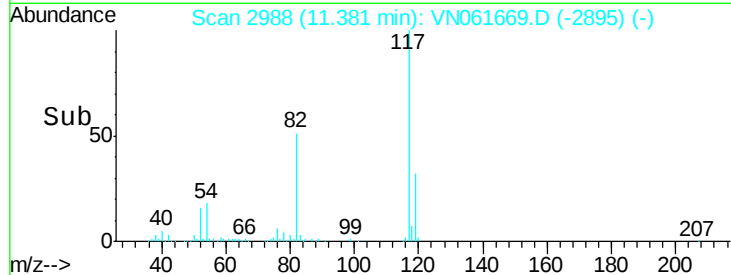
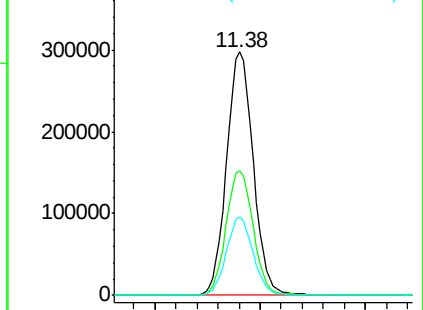
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061669.D
Acq: 5 Jun 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
DRW-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.5	62.3
119	32.4	25.6	38.4

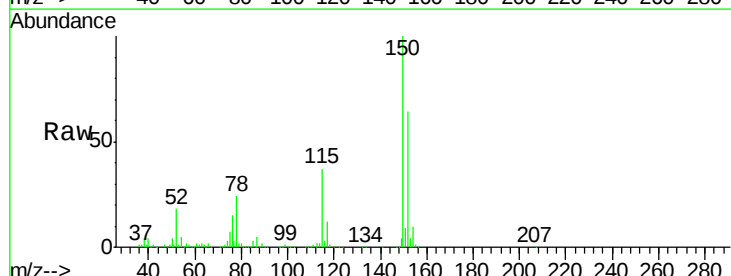


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061669.D
Acq: 5 Jun 2020 15:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.0	84.0
150	160.1	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

