

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061668.D
 Acq On : 5 Jun 2020 14:44
 Operator : JC/MD
 Sample : L2904-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP

Quant Time: Jun 06 03:51:54 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	314951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	544060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	535163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	253282	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	179011	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
35) Dibromofluoromethane	7.55	113	153777	55.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.44%	
50) Toluene-d8	10.06	98	646488	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.38	95	244618	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

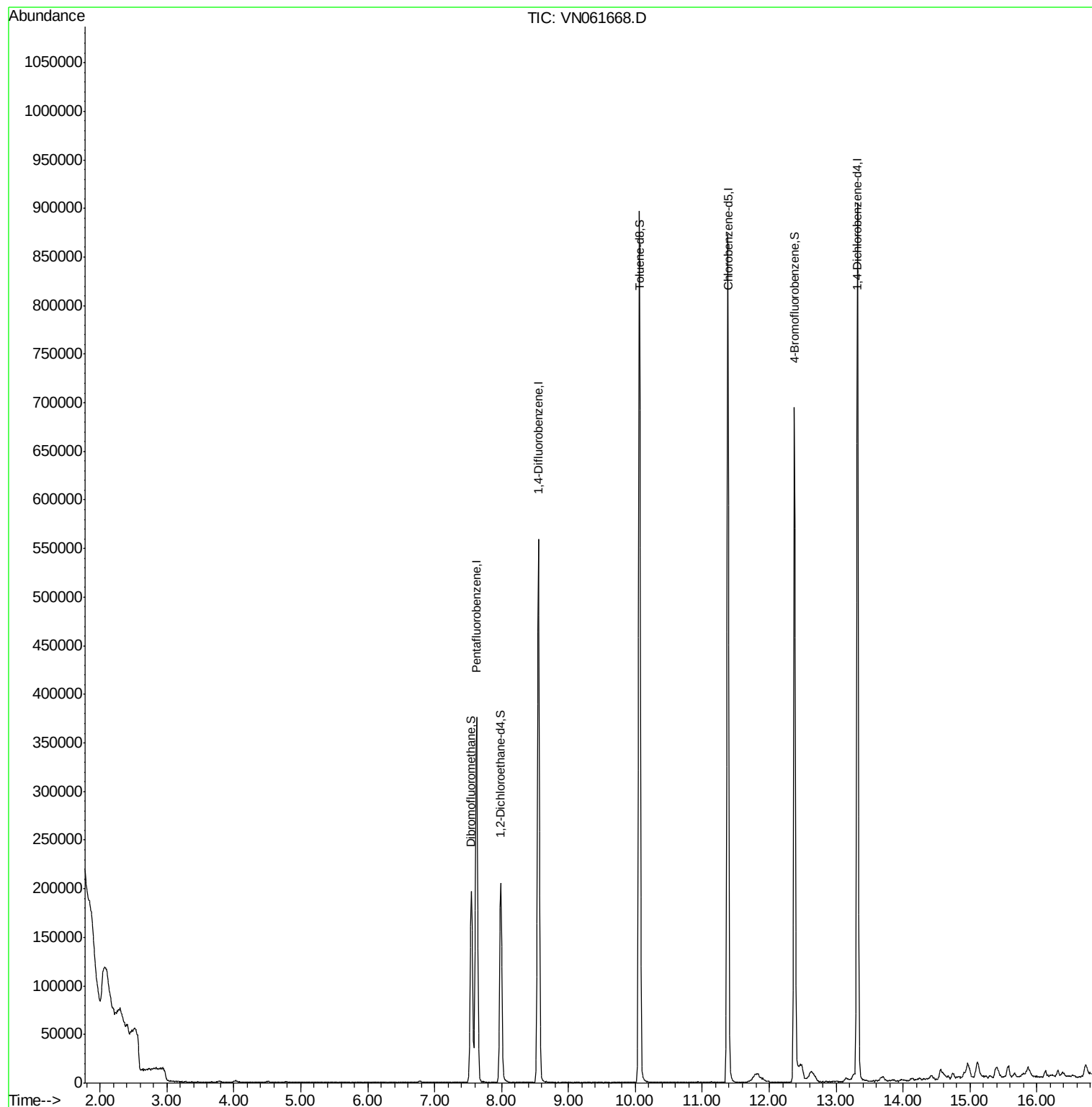
Target Compounds	Qvalue

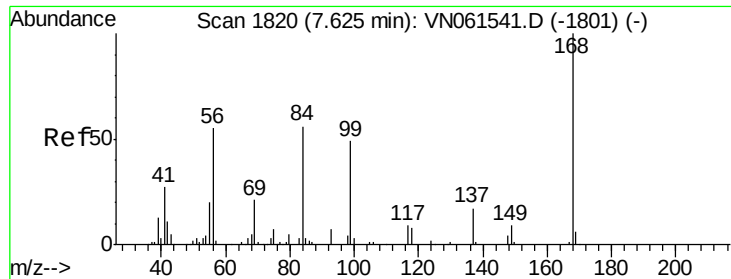
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061668.D

Acq: 5 Jun 2020 14:44

Instrument :

MSVOA_N

ClientSampled :

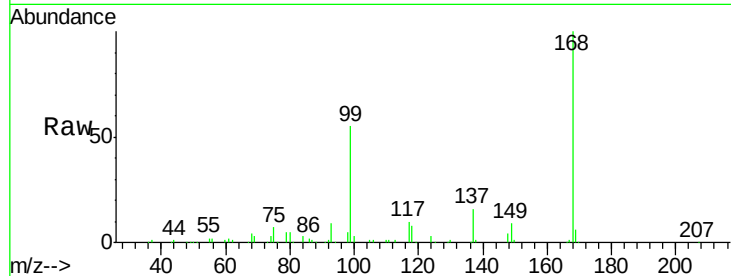
DUP

Tot Ion:168 Resp: 314951

Ion Ratio Lower Upper

168 100

99 55.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

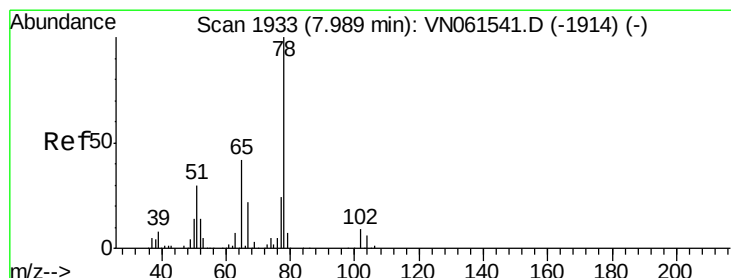
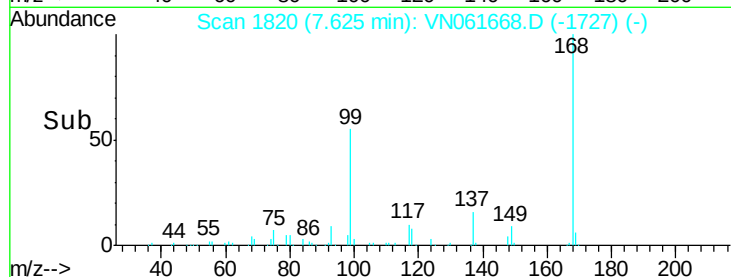
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.705 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061668.D

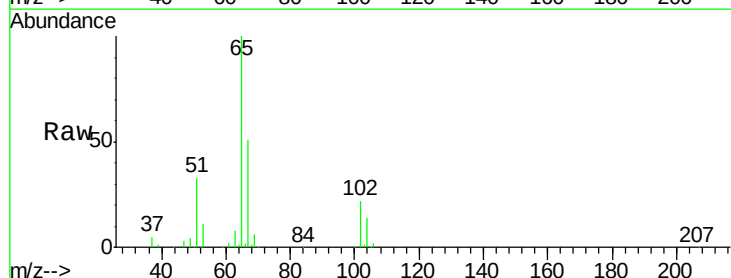
Acq: 5 Jun 2020 14:44

Tgt Ion: 65 Resp: 179011

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

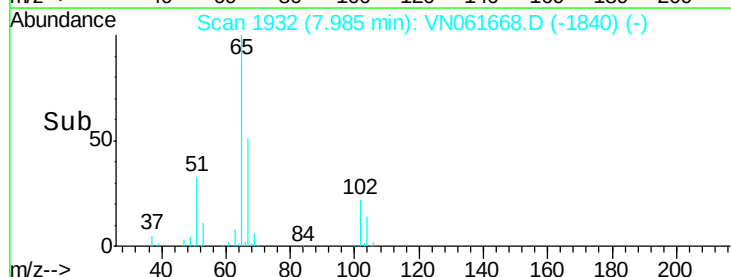
60000

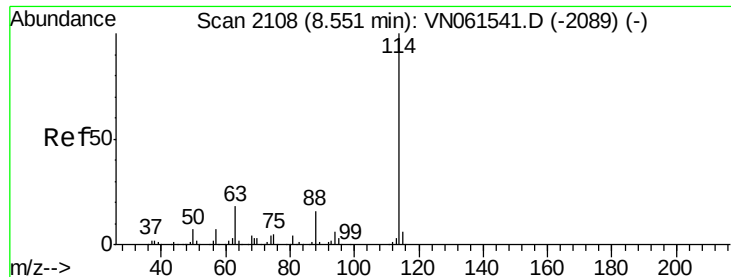
40000

20000

0

Time--> 7.90 8.00 8.10

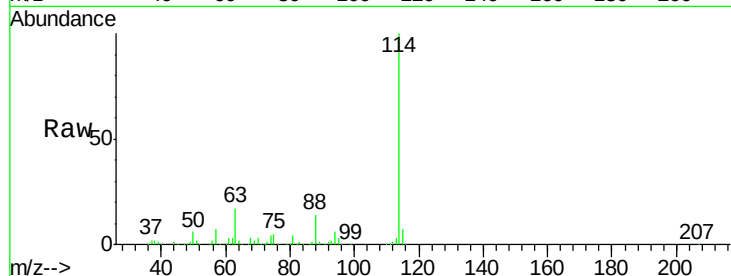




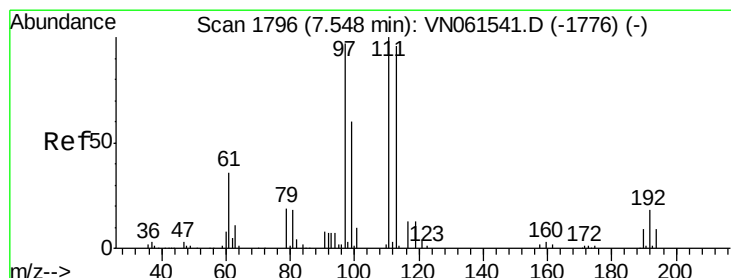
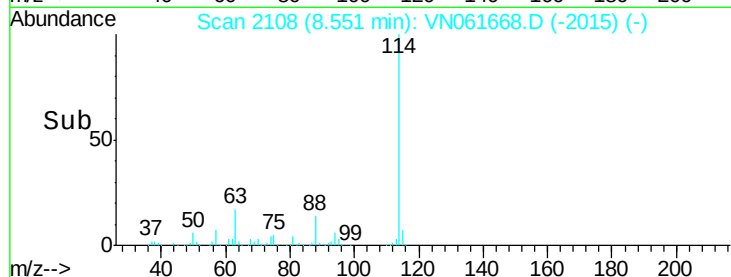
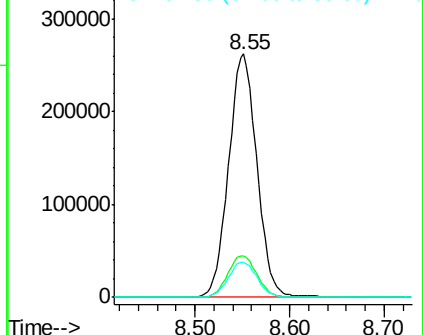
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061668.D
Acq: 5 Jun 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
DUP

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	35.8
88	14.2	0.0	31.0

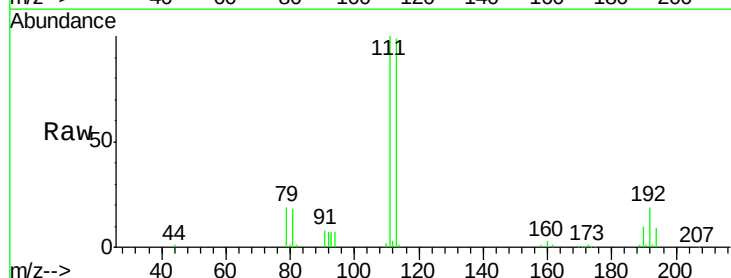


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

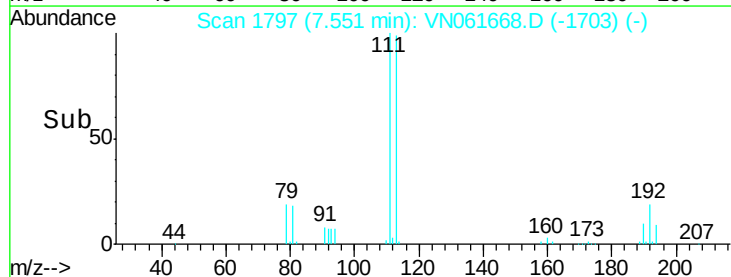
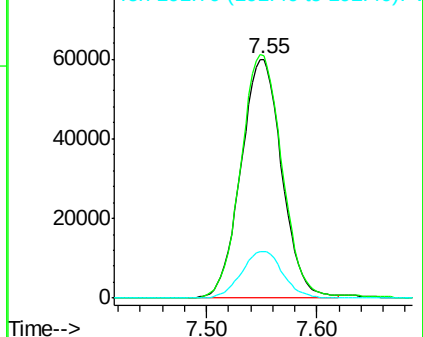


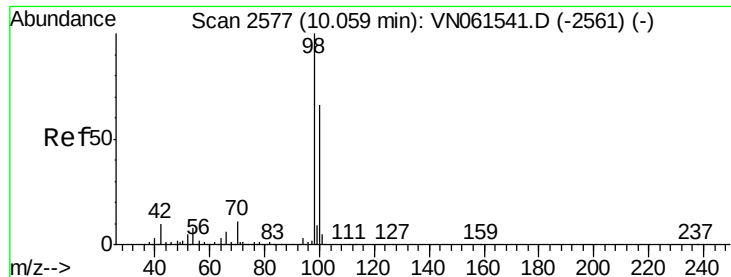
#35
Dibromofluoromethane
Concen: 55.718 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN061668.D
Acq: 5 Jun 2020 14:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.0
192	19.8	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: 50.547 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061668.D

Acq: 5 Jun 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

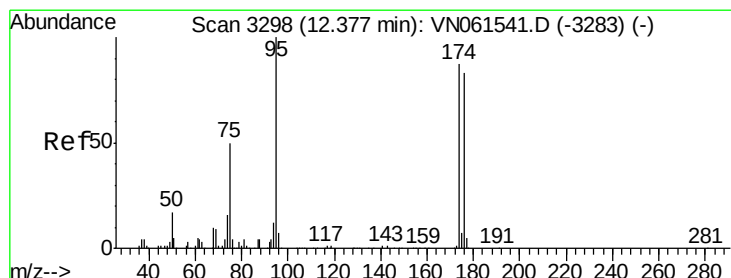
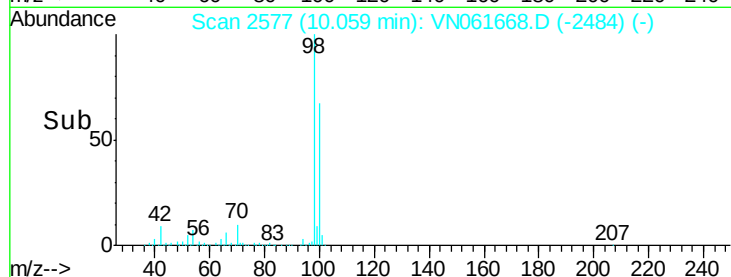
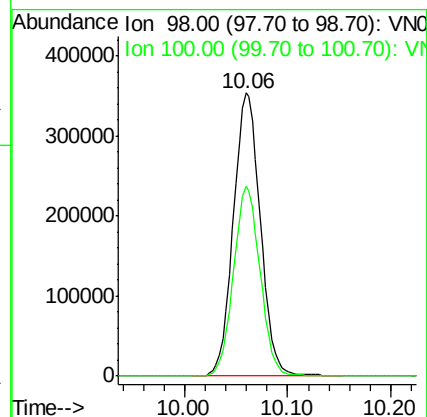
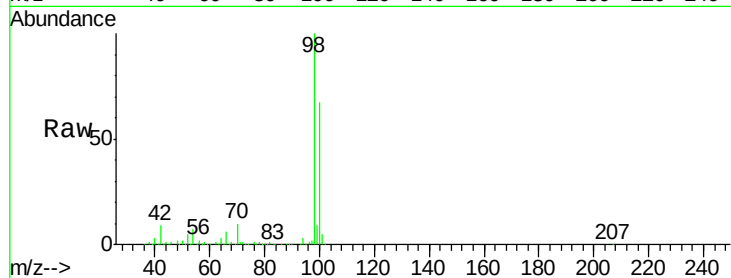
DUP

Tot Ion: 98 Resp: 646488

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 52.424 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061668.D

Acq: 5 Jun 2020 14:44

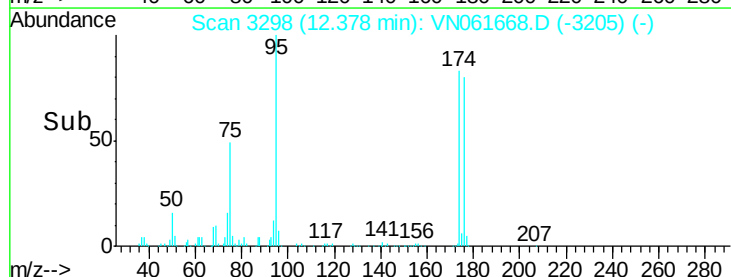
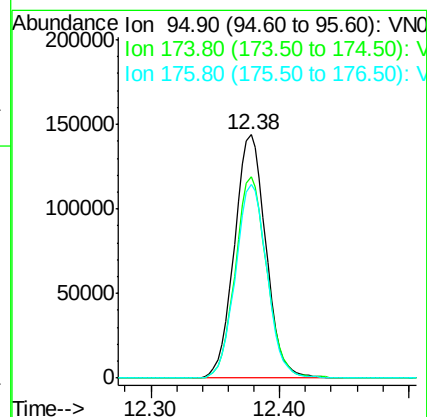
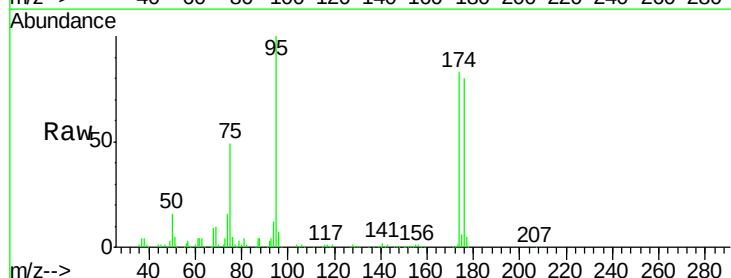
Tgt Ion: 95 Resp: 244618

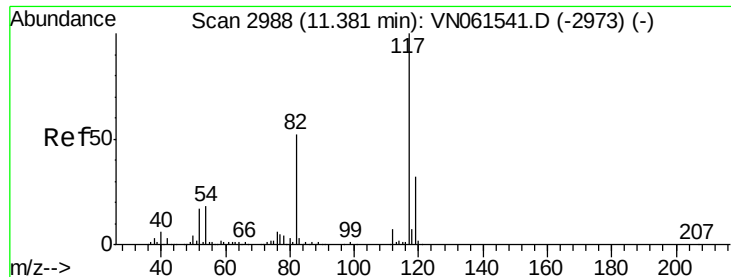
Ion Ratio Lower Upper

95 100

174 82.6 0.0 172.8

176 79.7 0.0 164.8

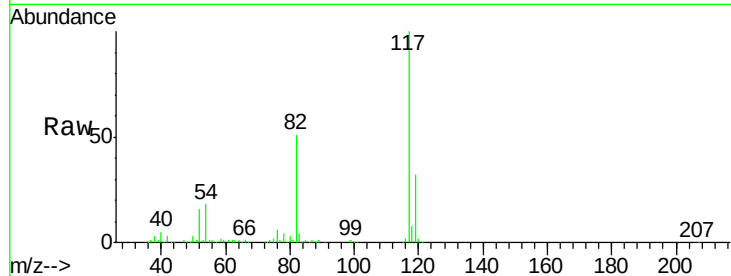




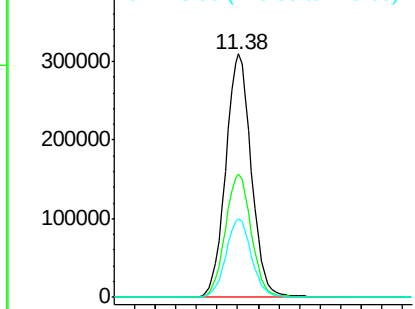
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061668.D
Acq: 5 Jun 2020 14:44

Instrument :
MSVOA_N
ClientSampled :
DUP

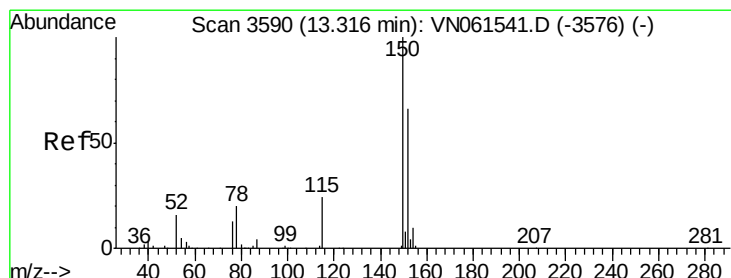
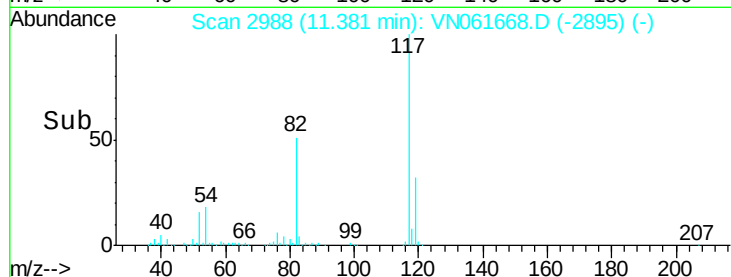
Tot Ion:117 Resp: 535163
Ion Ratio Lower Upper
117 100
82 50.6 41.5 62.3
119 32.3 25.6 38.4



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

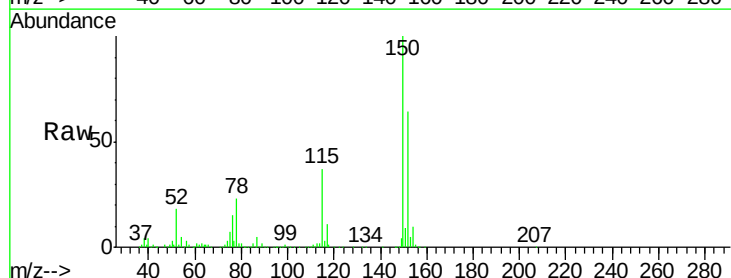


Time-->

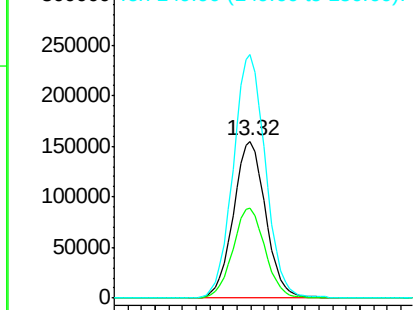


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061668.D
Acq: 5 Jun 2020 14:44

Tgt Ion:152 Resp: 253282
Ion Ratio Lower Upper
152 100
115 57.2 28.0 84.0
150 156.5 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



Time-->

