

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061670.D
 Acq On : 5 Jun 2020 15:31
 Operator : JC/MD
 Sample : L2903-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Jun 06 03:56:25 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	306832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	520912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	512055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	233523	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171901	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	7.55	113	150369	56.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.80%	
50) Toluene-d8	10.06	98	625952	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.38	95	231178	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

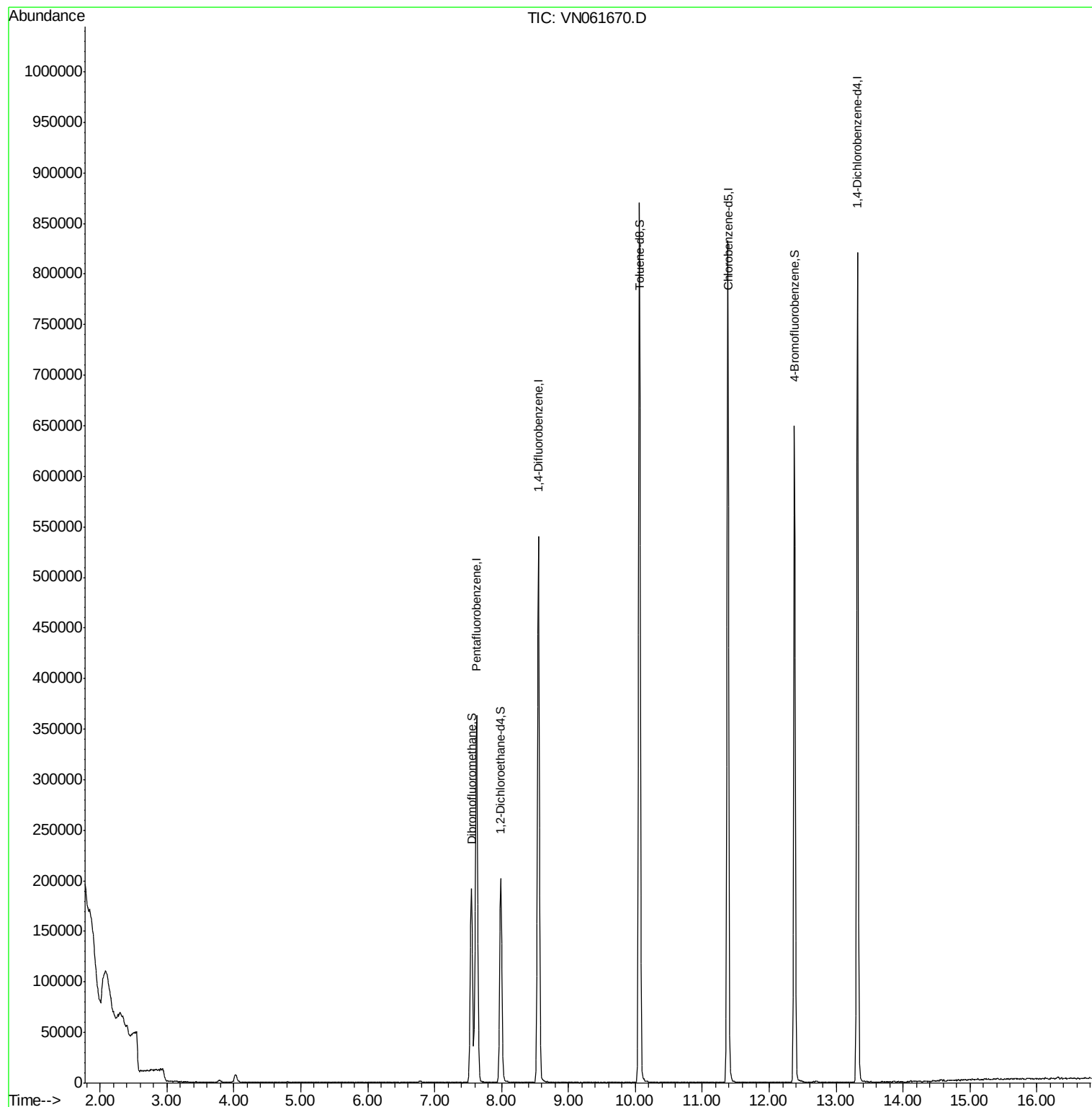
Target Compounds	Qvalue

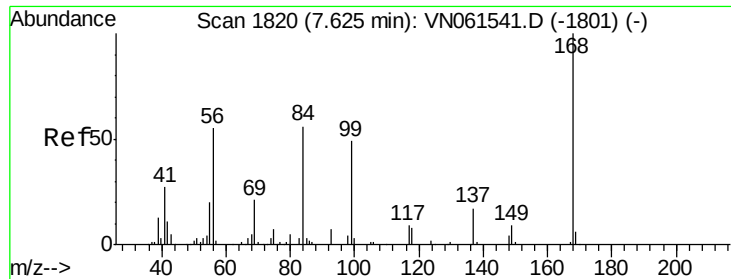
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061670.D

Acq: 5 Jun 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

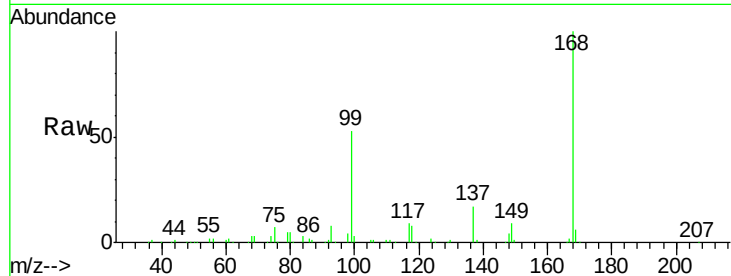
MW-3

Tot Ion:168 Resp: 306832

Ion Ratio Lower Upper

168 100

99 52.6 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

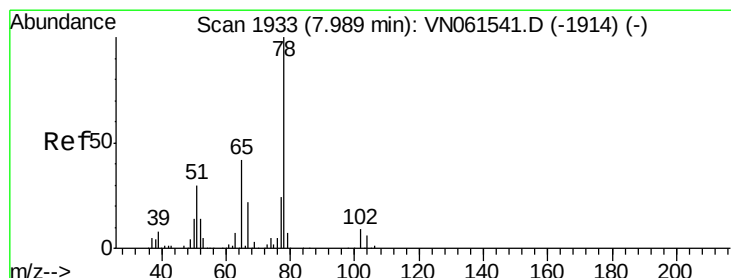
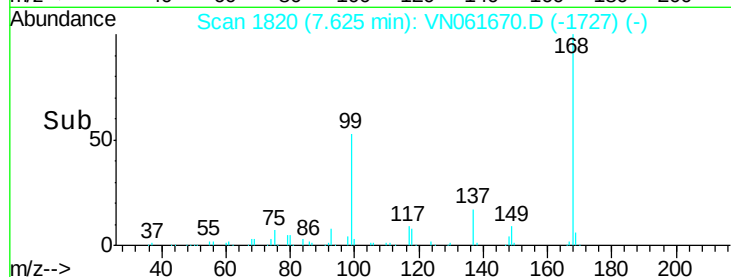
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.023 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061670.D

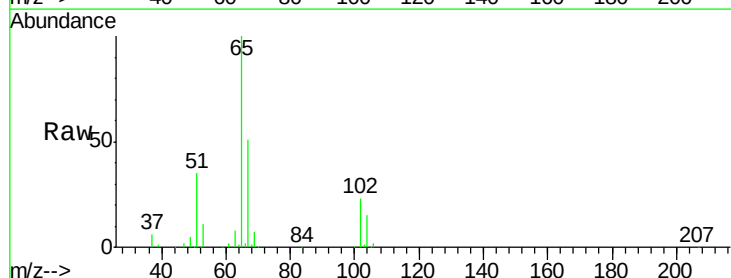
Acq: 5 Jun 2020 15:31

Tgt Ion: 65 Resp: 171901

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

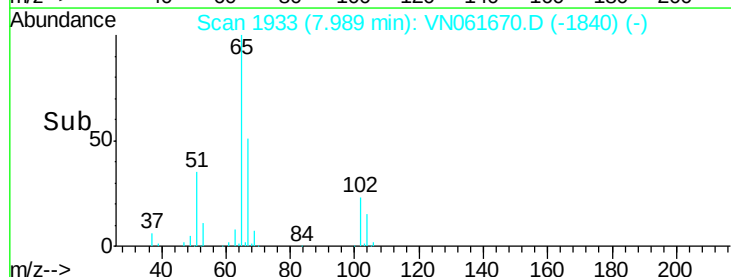
60000

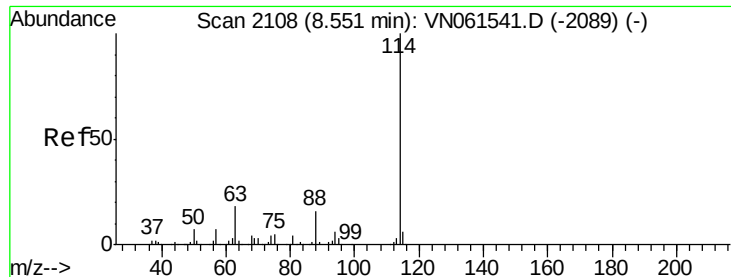
40000

20000

0

Time--> 7.90 8.00 8.10

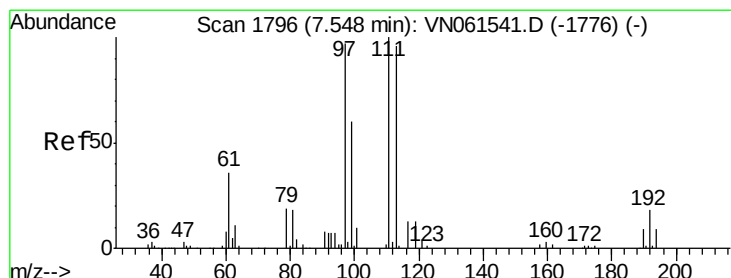
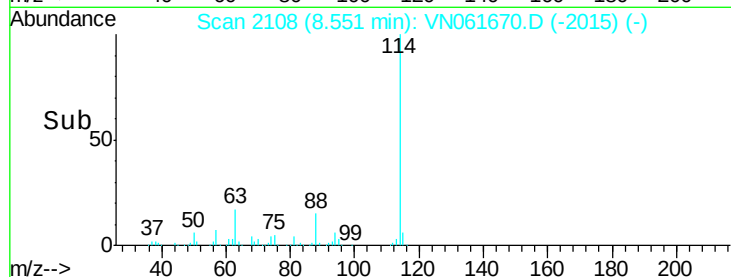
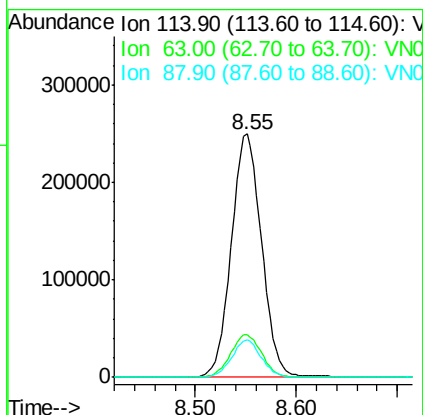
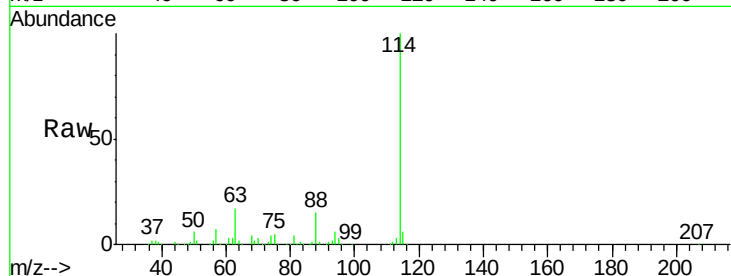




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN061670.D
Acq: 5 Jun 2020 15:31

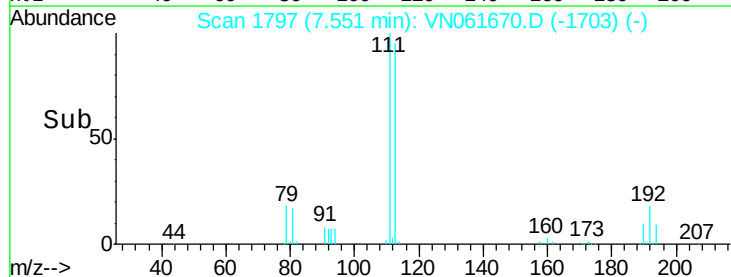
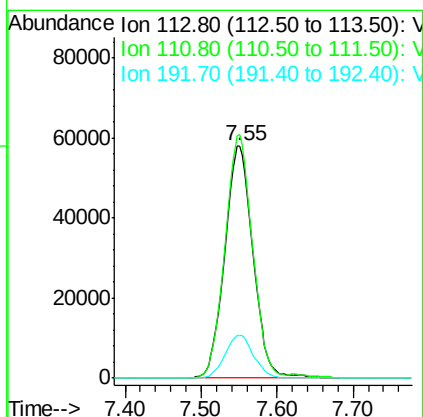
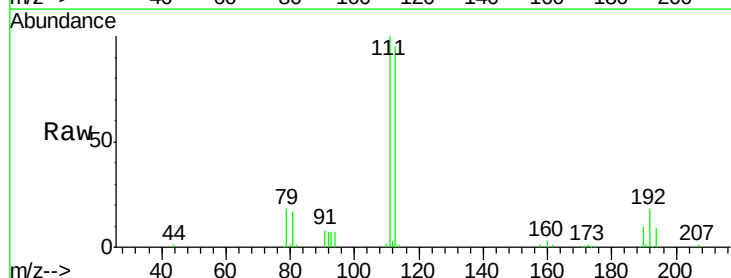
Instrument :
MSVOA_N
ClientSampleId :
MW-3

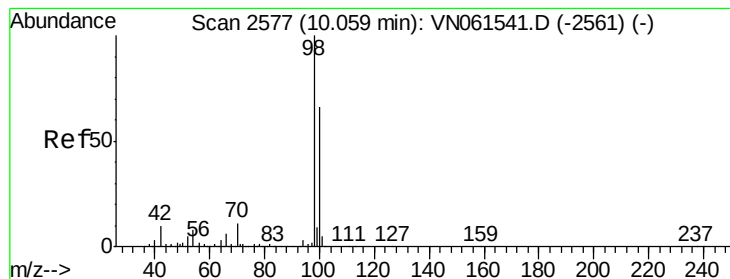
Tot Ion:114 Resp: 520912
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.8
88 15.2 0.0 31.0



#35
Dibromofluoromethane
Concen: 56.904 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN061670.D
Acq: 5 Jun 2020 15:31

Tgt Ion:113 Resp: 150369
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.0
192 18.5 15.4 23.2





#50

Toluene-d8

Concen: 51.116 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061670.D

Acq: 5 Jun 2020 15:31

Instrument :

MSVOA_N

ClientSampled :

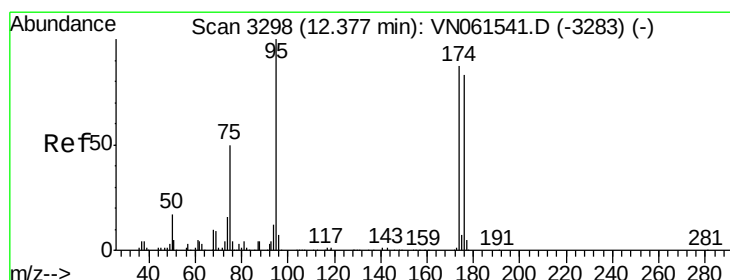
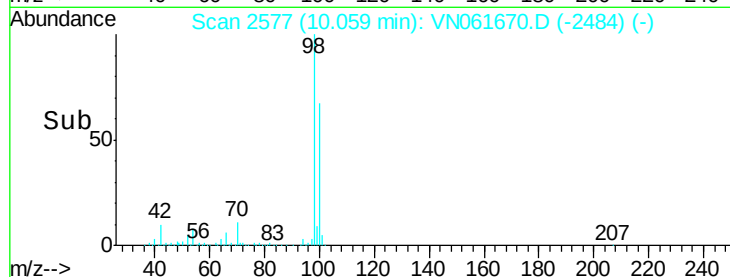
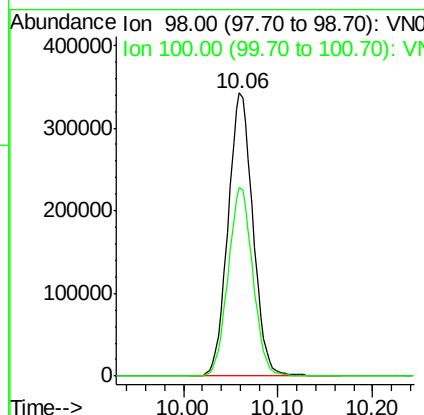
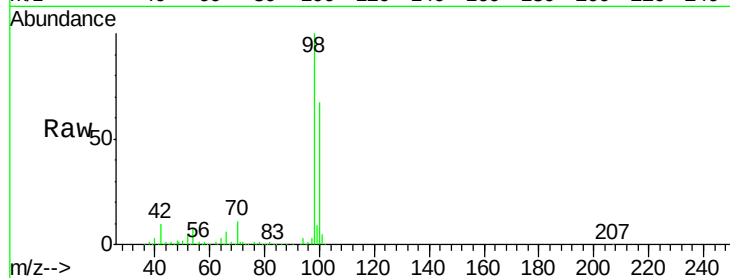
MW-3

Tot Ion: 98 Resp: 625952

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 51.745 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061670.D

Acq: 5 Jun 2020 15:31

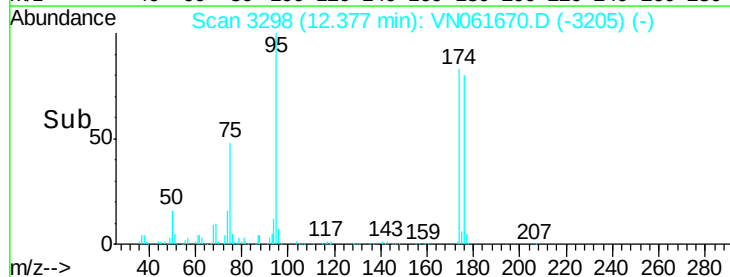
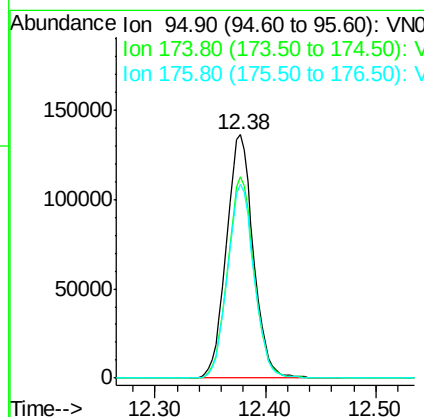
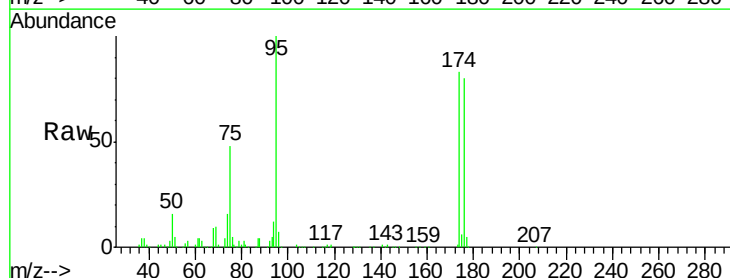
Tgt Ion: 95 Resp: 231178

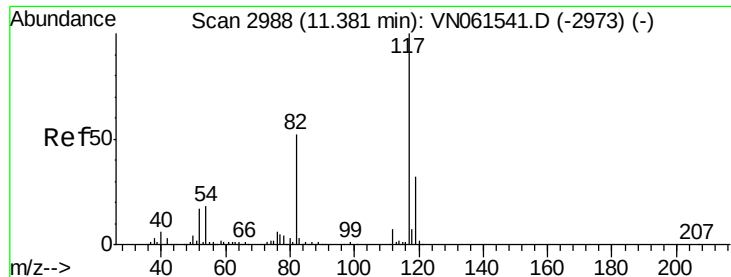
Ion Ratio Lower Upper

95 100

174 81.2 0.0 172.8

176 78.6 0.0 164.8

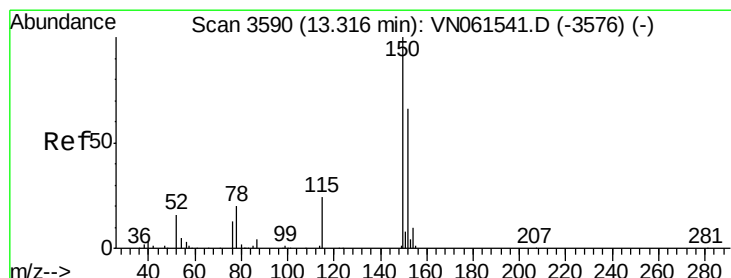
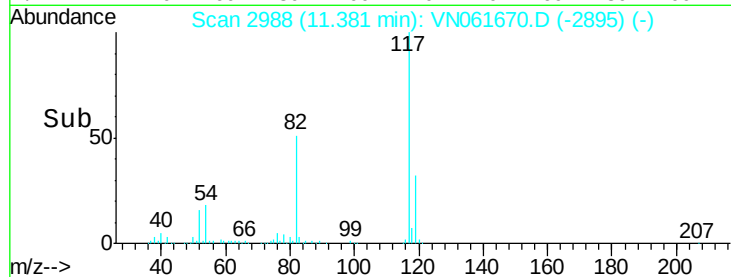
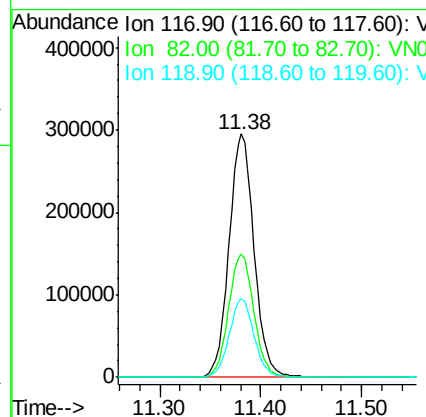
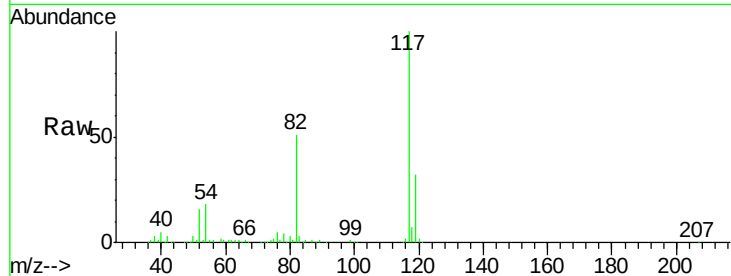




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061670.D
Acq: 5 Jun 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.5	62.3
119	32.4	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061670.D
Acq: 5 Jun 2020 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.0	84.0
150	158.0	0.0	344.0

