

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061659.D
 Acq On : 5 Jun 2020 11:05
 Operator : JC/MD
 Sample : VN0605WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBL01

Quant Time: Jun 06 03:33:54 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	7.62	168	270491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	461429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	429906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175682	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	150266	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	7.54	113	128895	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
50) Toluene-d8	10.06	98	539808	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.38	95	182625	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	

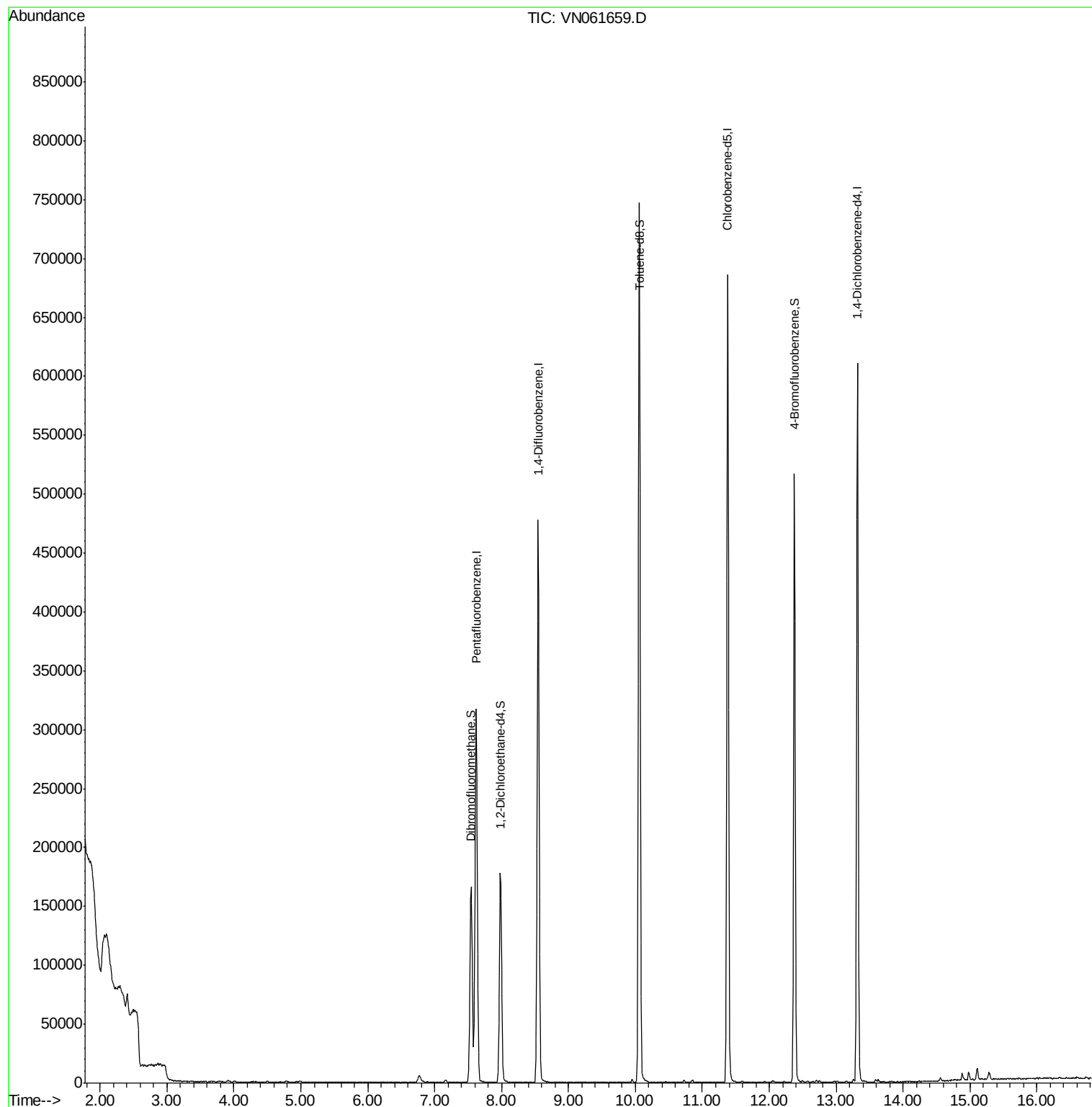
Target Compounds	Qvalue

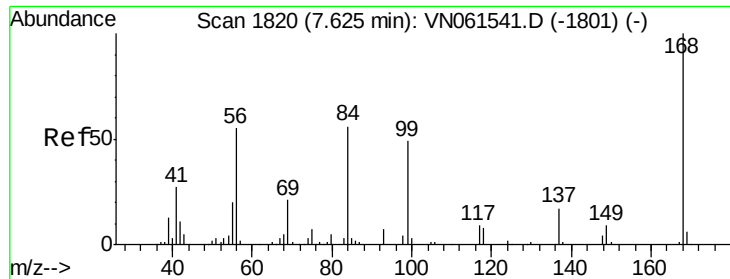
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 29 02:14:10 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061659.D

Acq: 5 Jun 2020 11:05

Instrument :

MSVOA_N

ClientSampled :

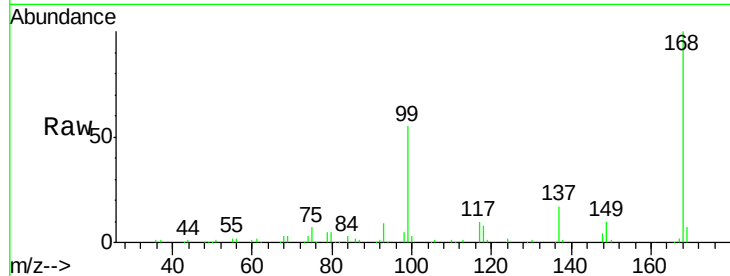
VN0605WBL01

Tot Ion:168 Resp: 270491

Ion Ratio Lower Upper

168 100

99 54.7 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

120000

100000

80000

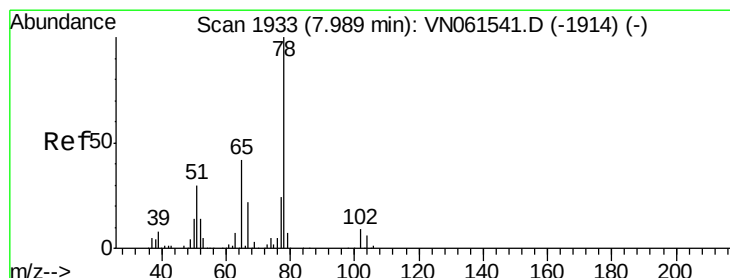
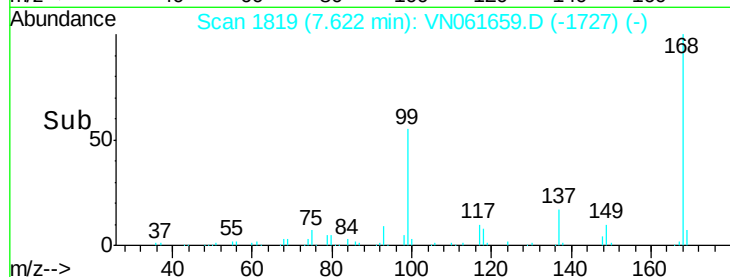
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 46.627 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN061659.D

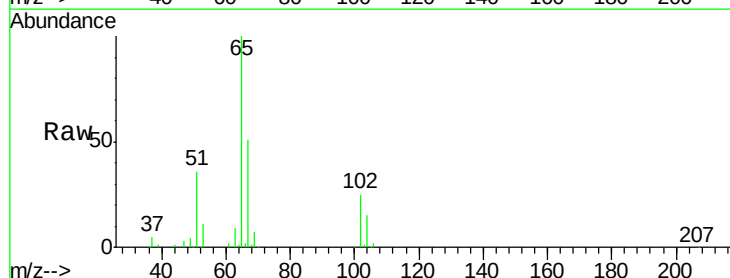
Acq: 5 Jun 2020 11:05

Tgt Ion: 65 Resp: 150266

Ion Ratio Lower Upper

65 100

67 52.0 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

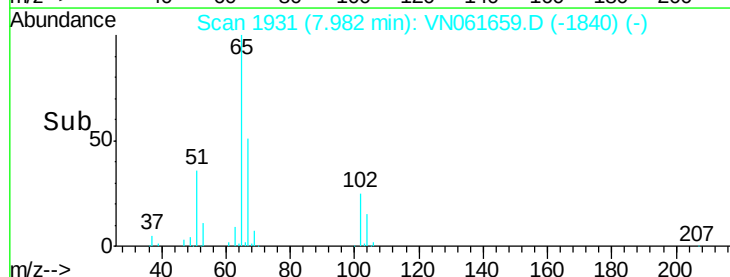
60000

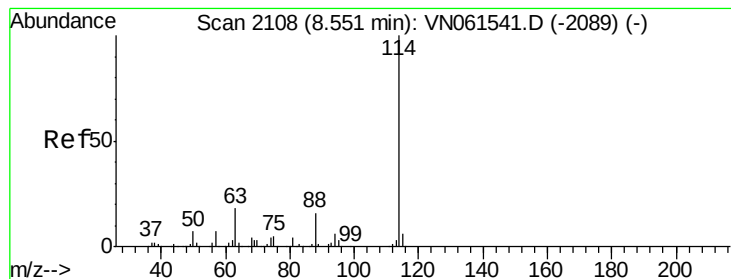
40000

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: VN061659.D

Acq: 5 Jun 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

VN0605WBL01

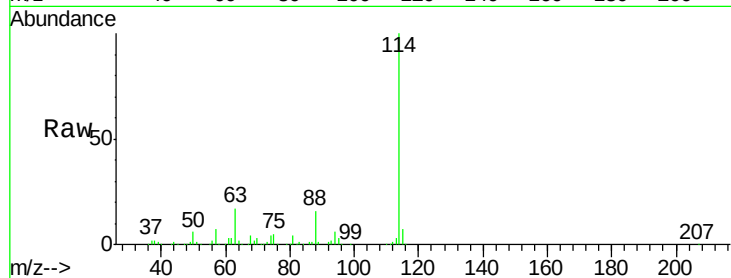
Tot Ion:114 Resp: 461429

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.8

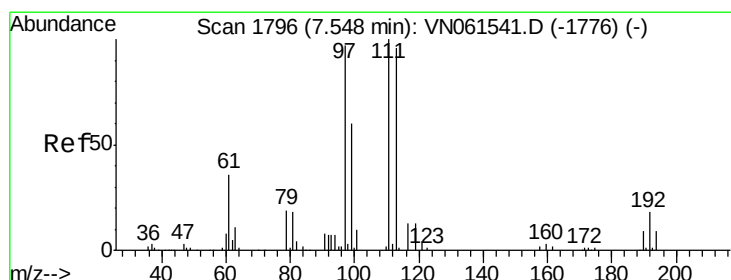
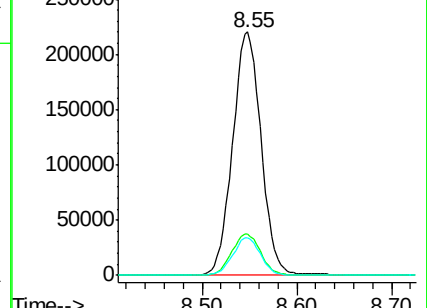
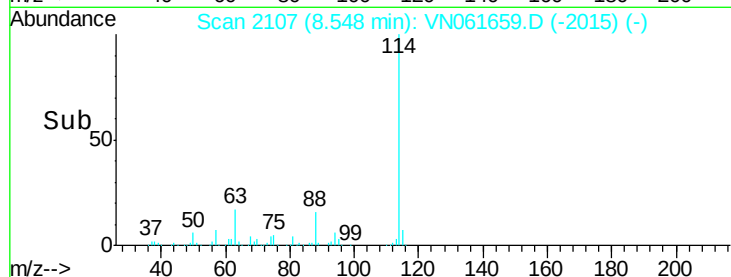
88 15.6 0.0 31.0



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: 55.066 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061659.D

Acq: 5 Jun 2020 11:05

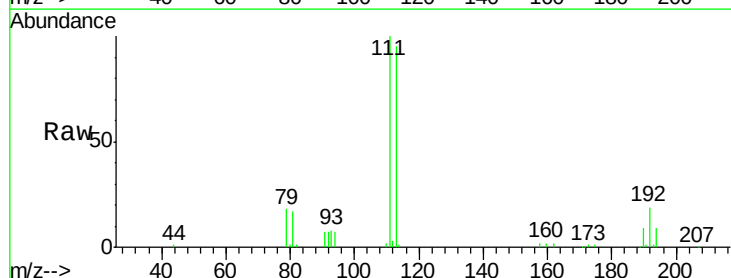
Tgt Ion:113 Resp: 128895

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.0

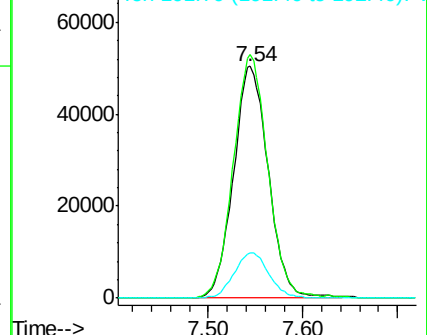
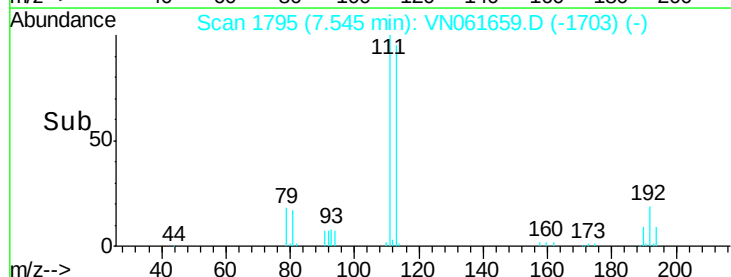
192 19.5 15.4 23.2

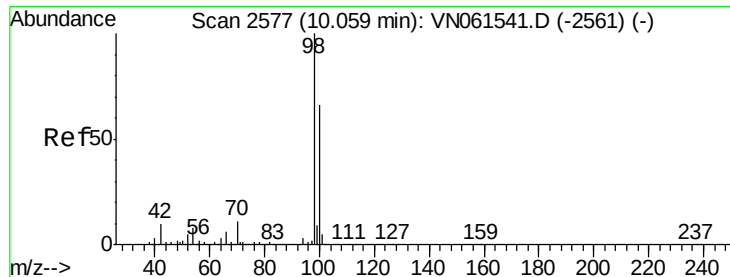


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.764 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061659.D

Acq: 5 Jun 2020 11:05

Instrument :

MSVOA_N

ClientSampleId :

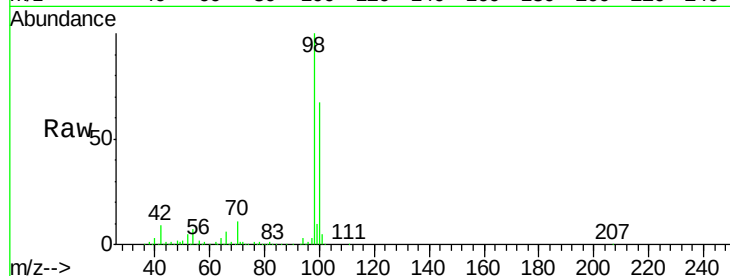
VN0605WBL01

Tot Ion: 98 Resp: 539808

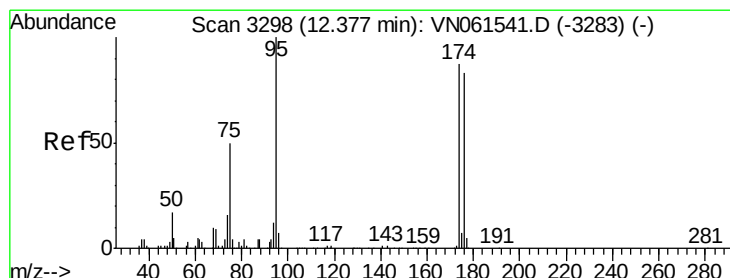
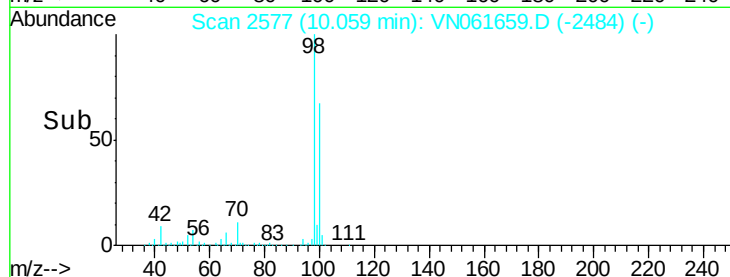
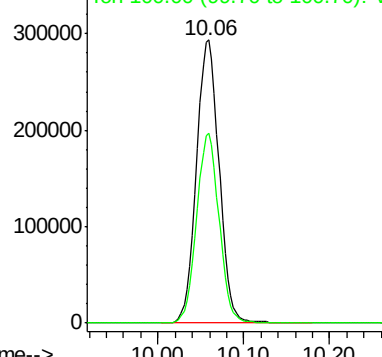
Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



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



#62

4-Bromofluorobenzene

Concen: 46.147 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061659.D

Acq: 5 Jun 2020 11:05

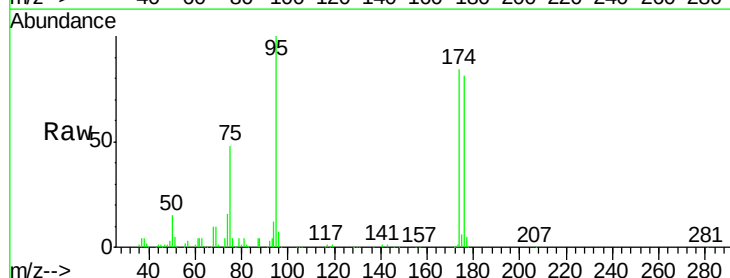
Tgt Ion: 95 Resp: 182625

Ion Ratio Lower Upper

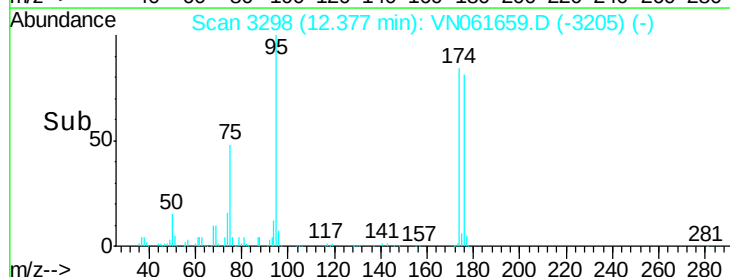
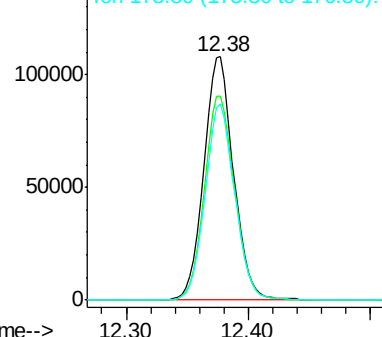
95 100

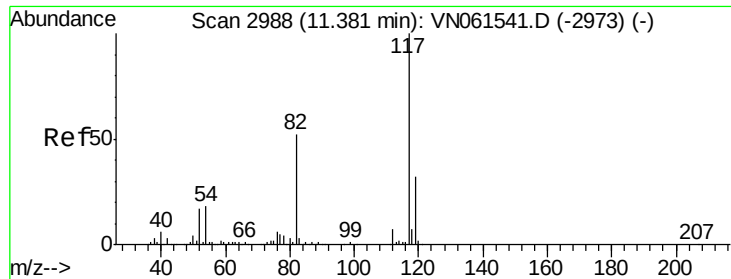
174 85.2 0.0 172.8

176 80.4 0.0 164.8



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

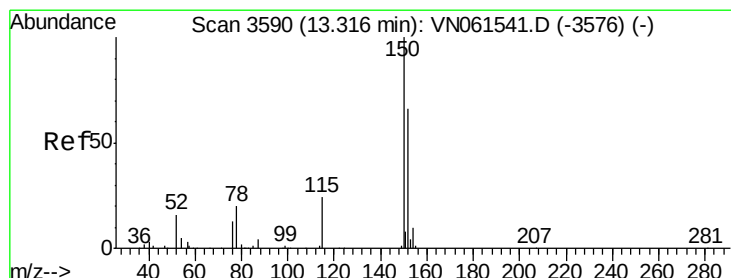
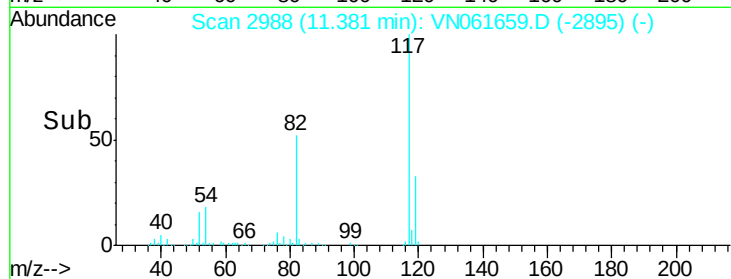
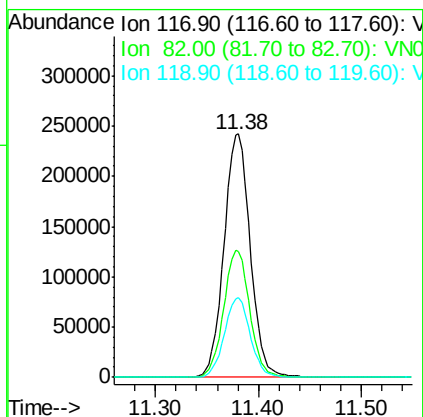
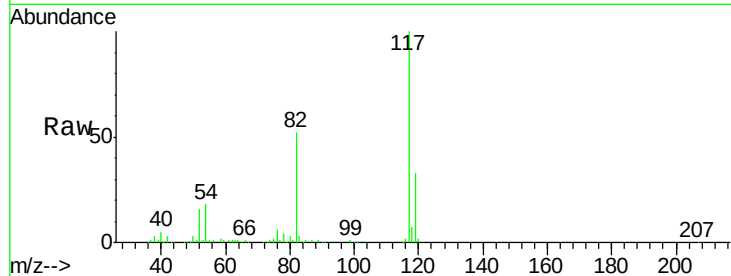




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061659.D
Acq: 5 Jun 2020 11:05

Instrument :
MSVOA_N
ClientSampleId :
VN0605WBL01

Tot Ion:117 Resp: 429906
Ion Ratio Lower Upper
117 100
82 51.8 41.5 62.3
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061659.D
Acq: 5 Jun 2020 11:05

Tgt Ion:152 Resp: 175682
Ion Ratio Lower Upper
152 100
115 56.6 28.0 84.0
150 157.2 0.0 344.0

