

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061585.D
 Acq On : 1 Jun 2020 11:14
 Operator : JC/MD
 Sample : VN0601WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBL01

Quant Time: Jun 02 04:02:48 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	299958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	511315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	480129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	202922	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	173483	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	7.54	113	141185	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
50) Toluene-d8	10.06	98	608430	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.37	95	211916	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

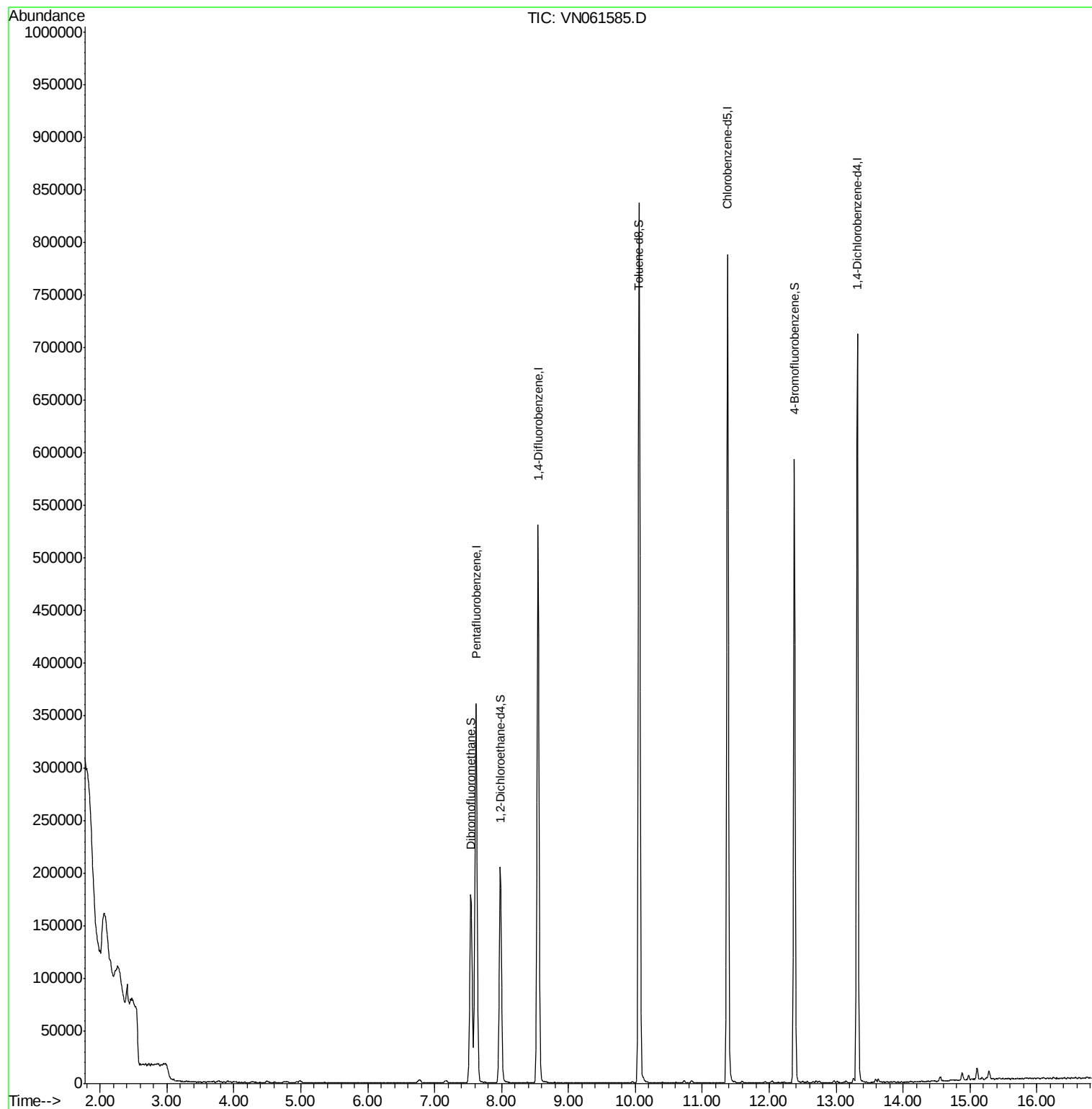
Target Compounds	Qvalue

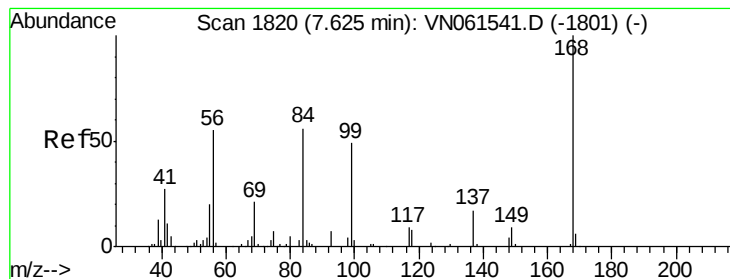
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. -0.01 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

Instrument :

MSVOA_N

ClientSampleId :

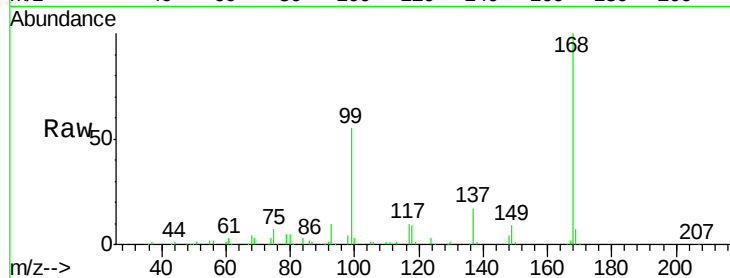
VN0601WBL01

Tot Ion:168 Resp: 299958

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

7.62

150000

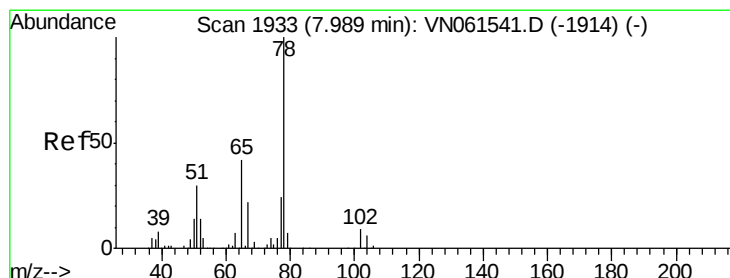
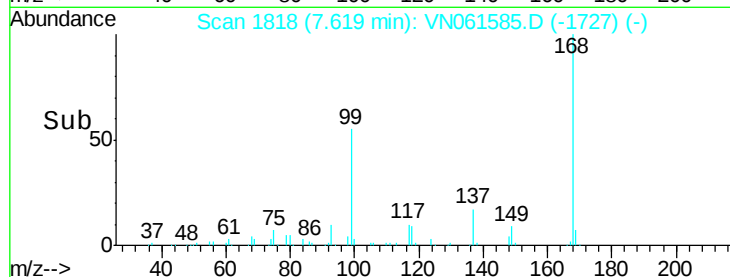
100000

50000

0

7.50 7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.543 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN061585.D

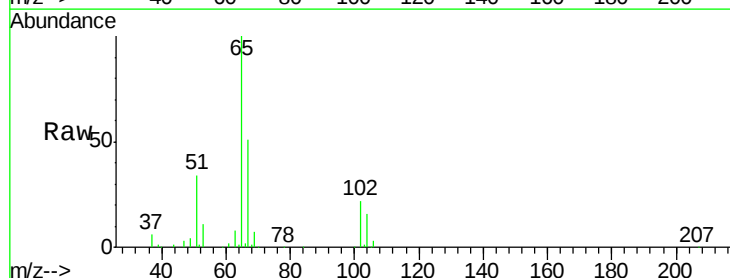
Acq: 1 Jun 2020 11:14

Tgt Ion: 65 Resp: 173483

Ion Ratio Lower Upper

65 100

67 51.9 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

80000

60000

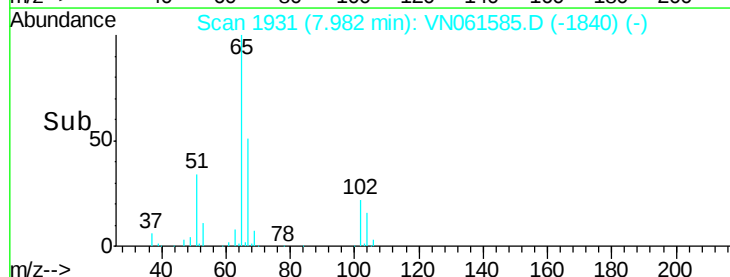
40000

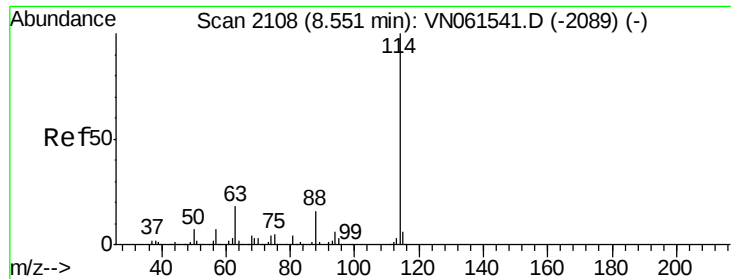
20000

0

7.90 8.00 8.10

Time-->

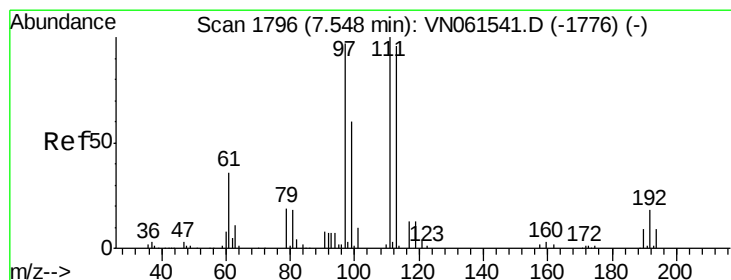
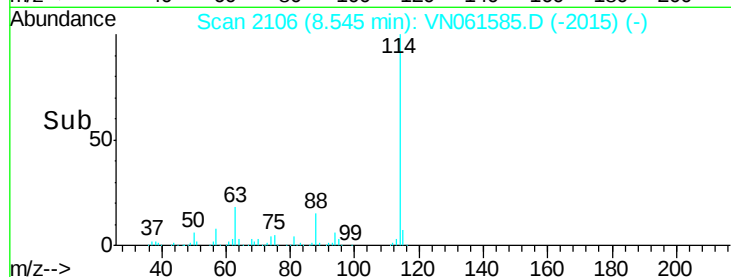
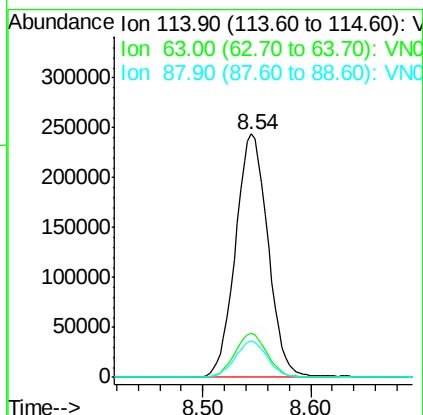
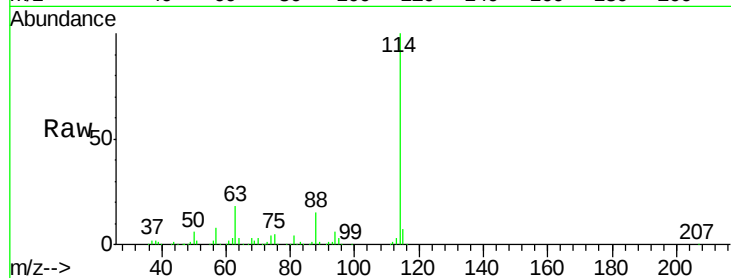




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN061585.D
 Acq: 1 Jun 2020 11:14

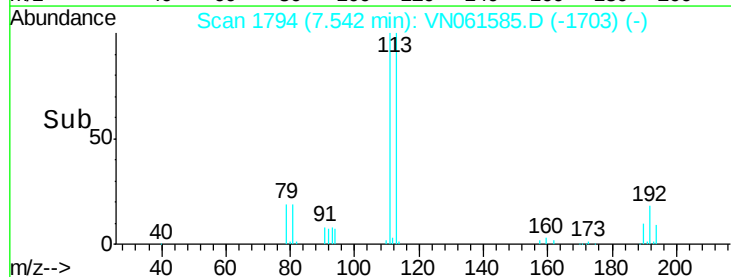
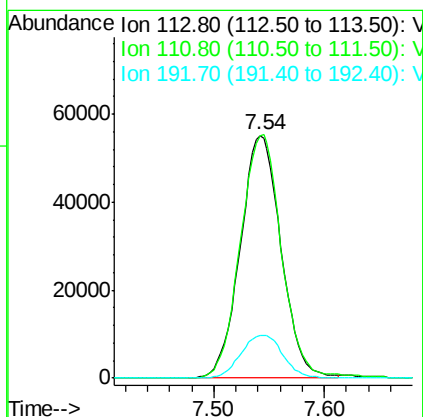
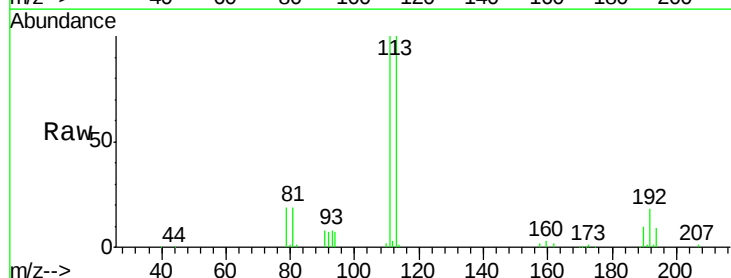
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBL01

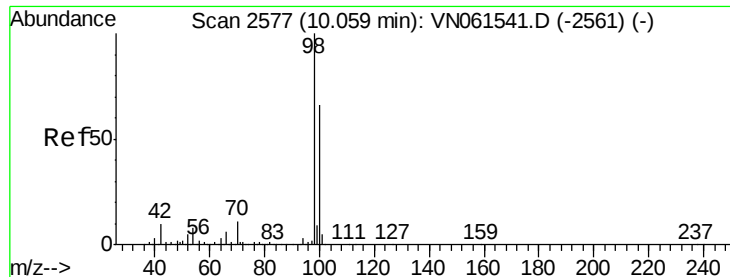
Tot Ion:114 Resp: 511315
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.8
 88 14.7 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 54.432 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN061585.D
 Acq: 1 Jun 2020 11:14

Tgt Ion:113 Resp: 141185
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.4 125.0
 192 18.2 15.4 23.2





#50

Toluene-d8

Concen: 50.618 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

Instrument :

MSVOA_N

ClientSampleId :

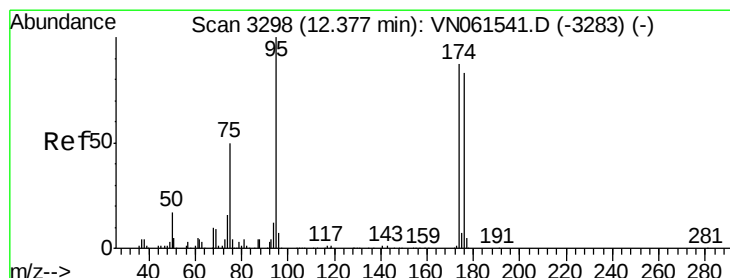
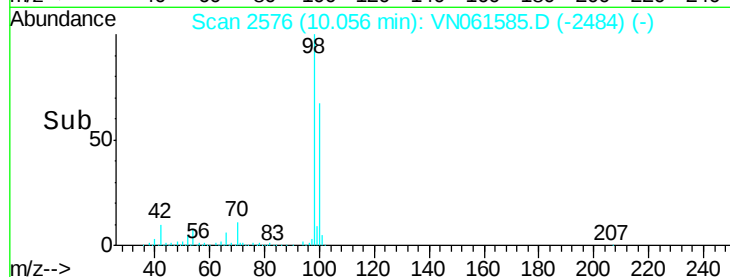
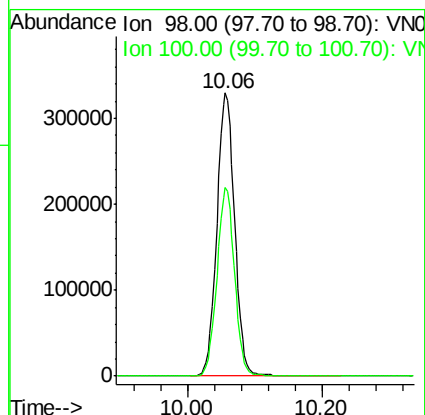
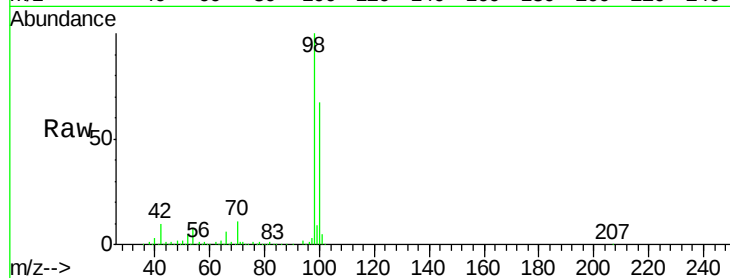
VN0601WBL01

Tot Ion: 98 Resp: 608430

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 48.324 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061585.D

Acq: 1 Jun 2020 11:14

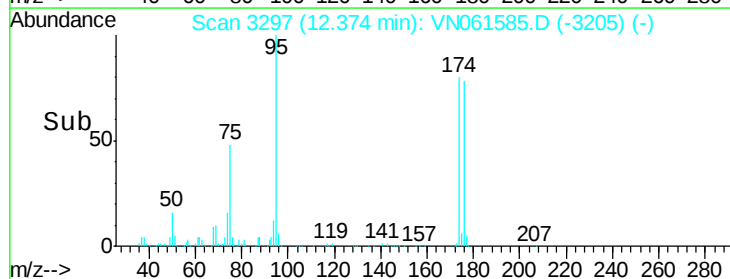
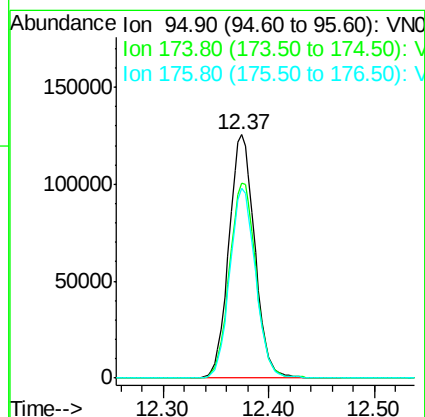
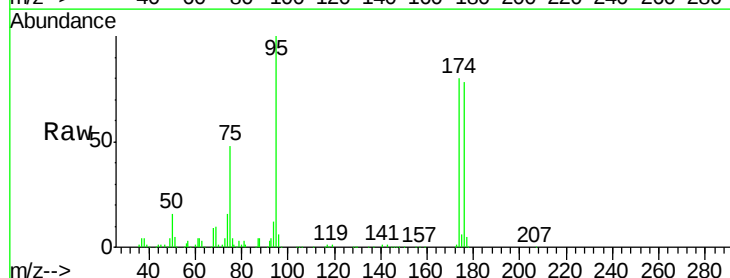
Tgt Ion: 95 Resp: 211916

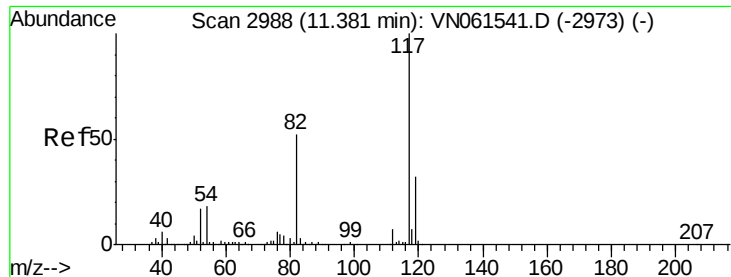
Ion Ratio Lower Upper

95 100

174 82.3 0.0 172.8

176 77.8 0.0 164.8

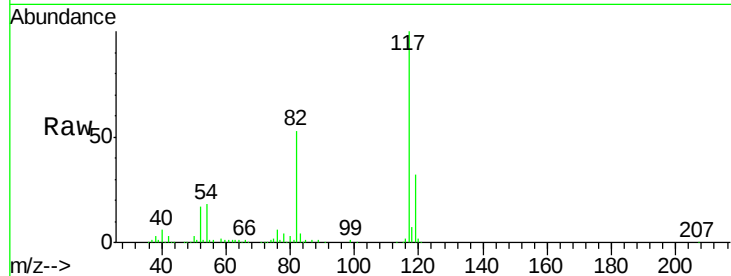




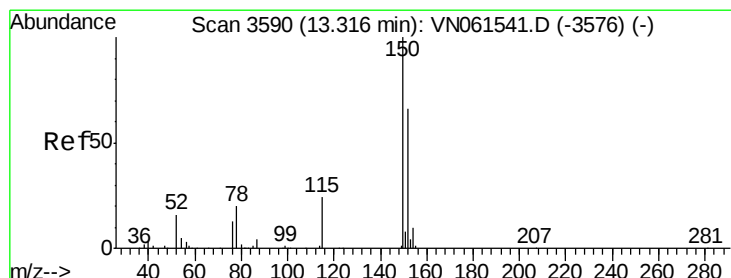
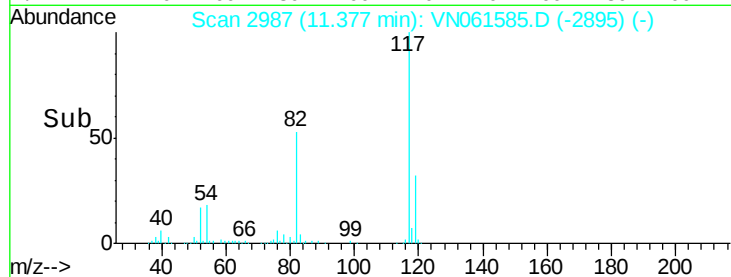
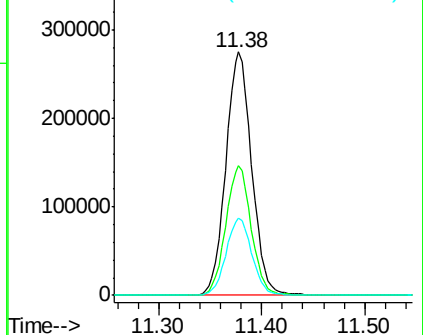
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061585.D
Acq: 1 Jun 2020 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBL01

Tot Ion:117 Resp: 480129
Ion Ratio Lower Upper
117 100
82 53.3 41.5 62.3
119 31.8 25.6 38.4

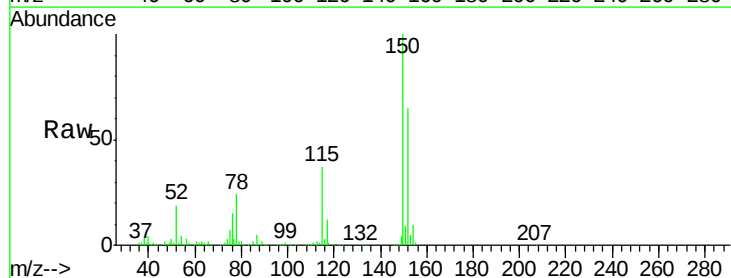


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061585.D
Acq: 1 Jun 2020 11:14

Tgt Ion:152 Resp: 202922
Ion Ratio Lower Upper
152 100
115 58.3 28.0 84.0
150 154.2 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

