

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061891.D
 Acq On : 18 Jun 2020 11:28
 Operator : JC/MD
 Sample : VN0618WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

Quant Time: Jun 19 05:40:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	135344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	246862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	231586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89386	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	90023	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	7.55	113	80084	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	10.06	98	305382	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.38	95	97205	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	

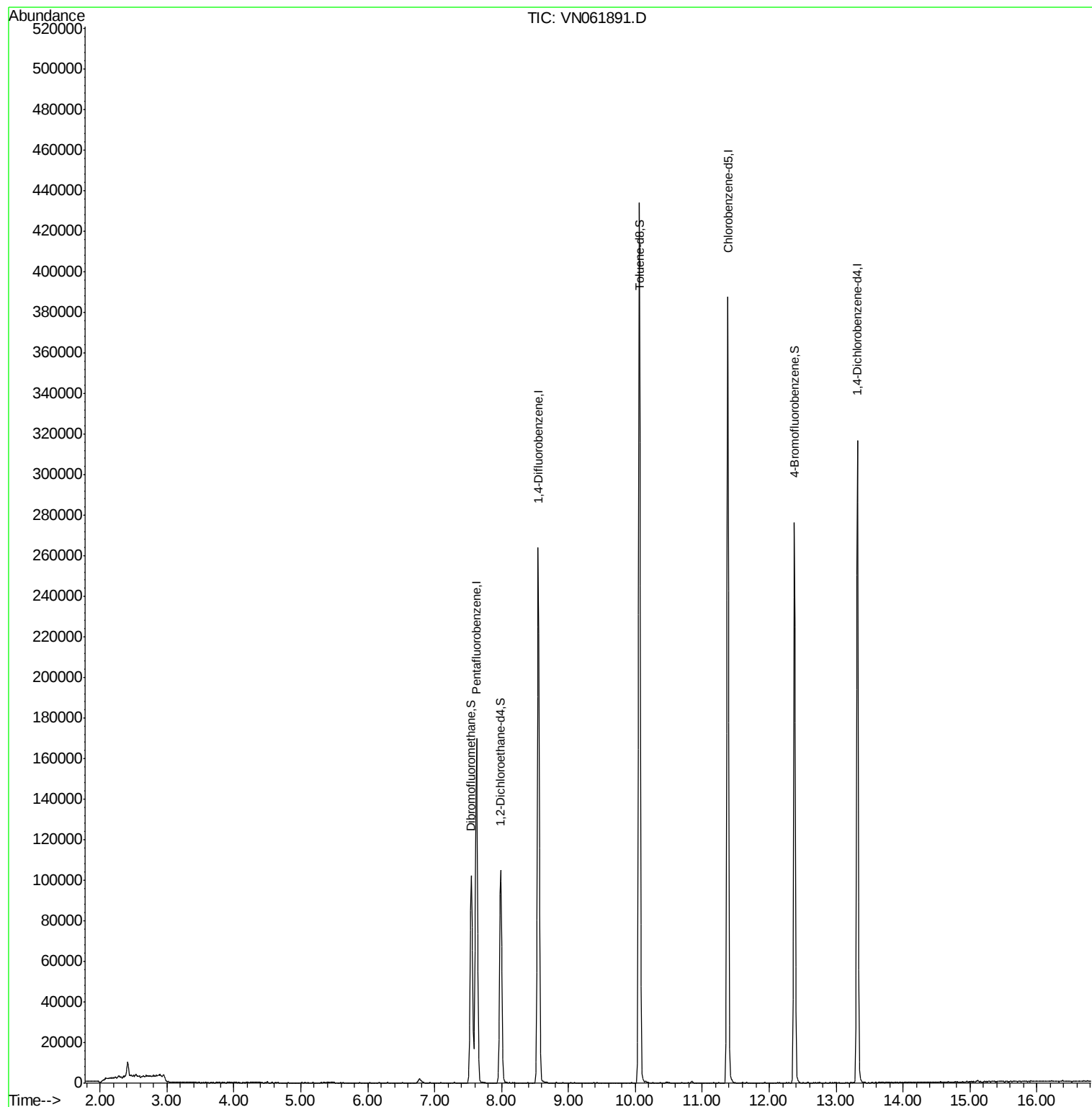
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061891.D

Acq: 18 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

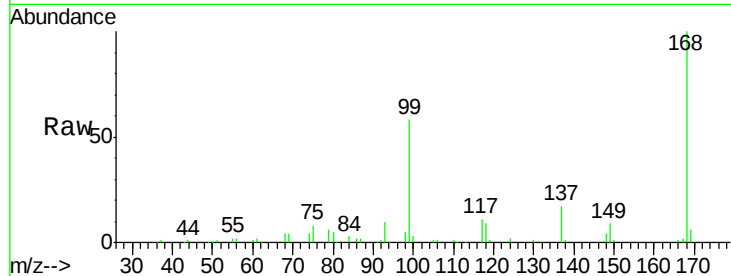
VN0618WBL01

Tot Ion:168 Resp: 135344

Ion Ratio Lower Upper

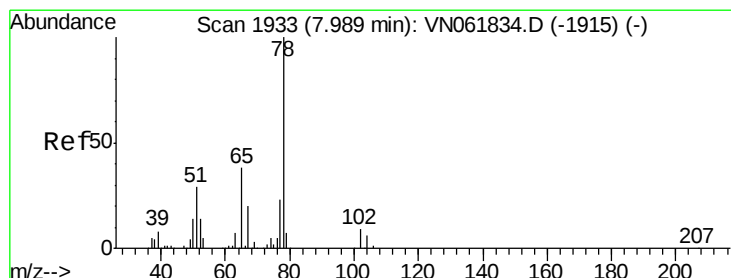
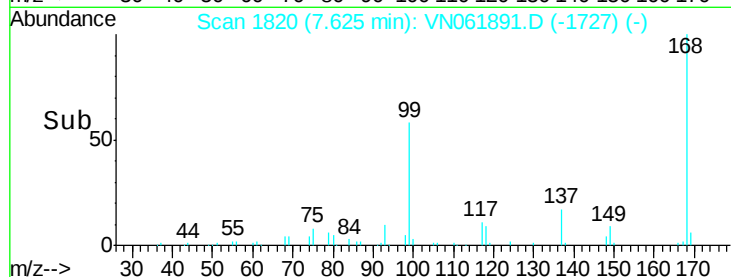
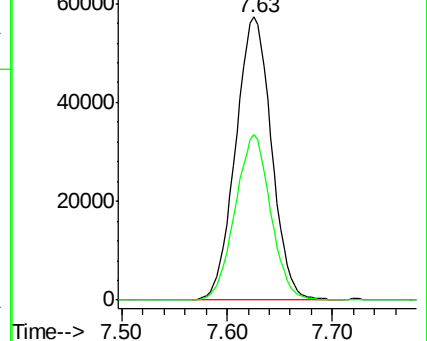
168 100

99 58.4 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 49.595 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061891.D

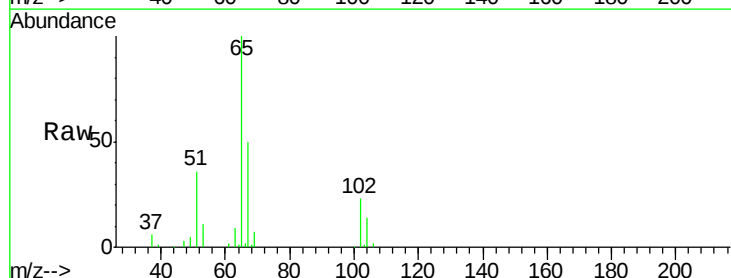
Acq: 18 Jun 2020 11:28

Tgt Ion: 65 Resp: 90023

Ion Ratio Lower Upper

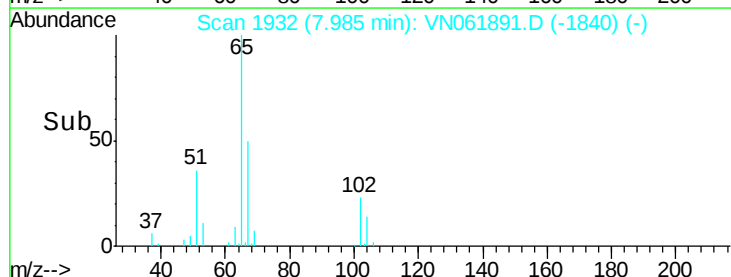
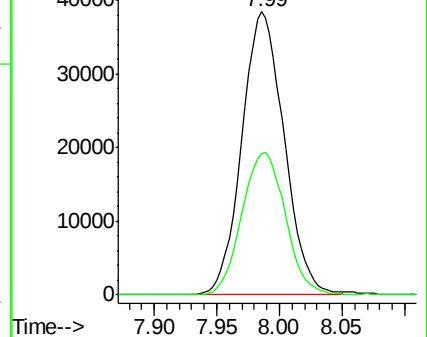
65 100

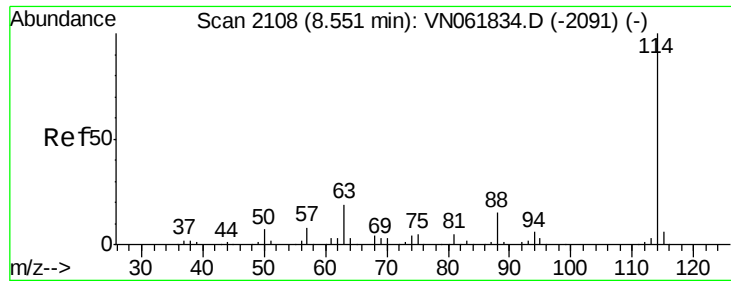
67 51.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

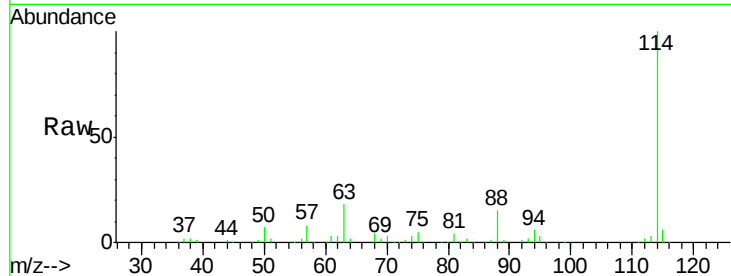




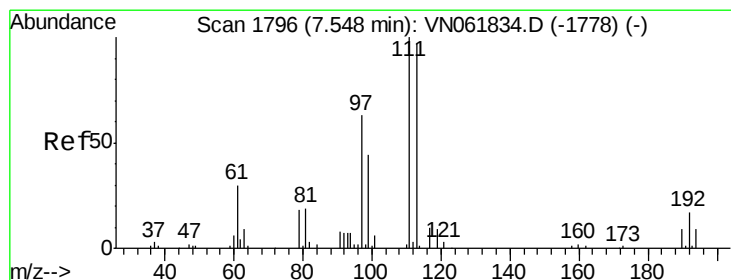
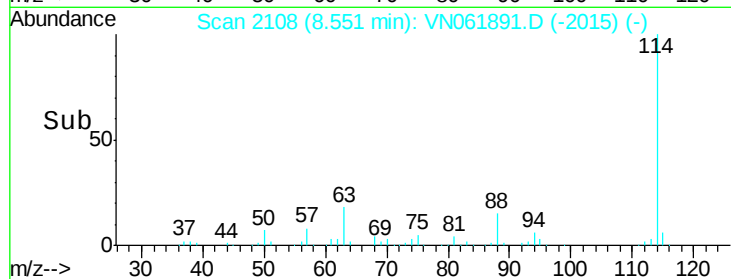
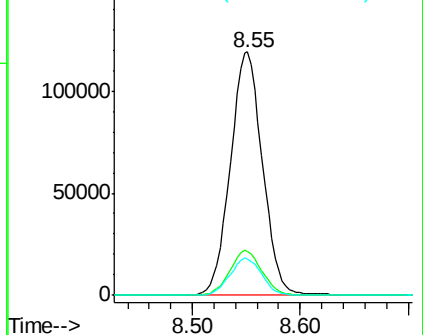
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061891.D
 Acq: 18 Jun 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

Tot Ion:114 Resp: 246862
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 37.6
 88 14.9 0.0 31.0

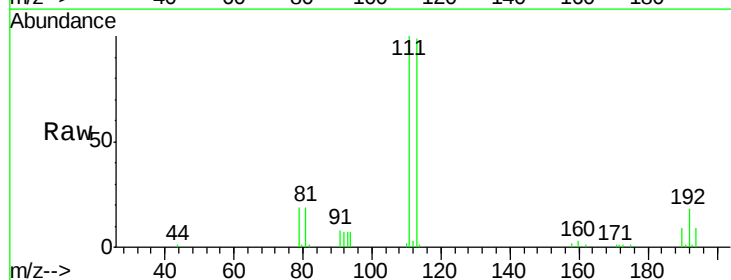


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

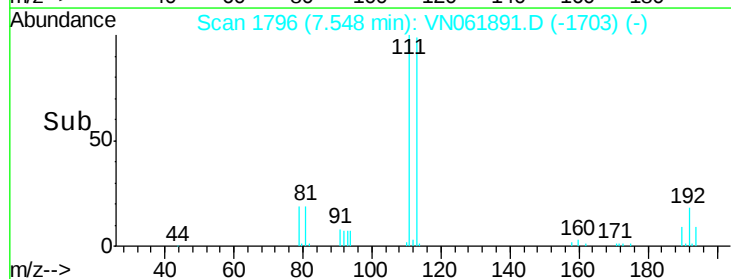
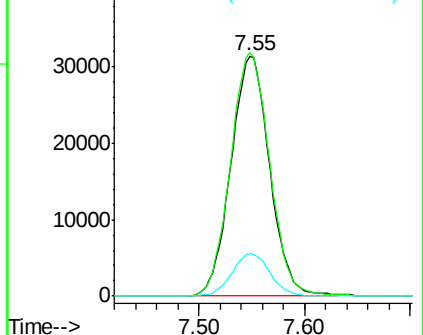


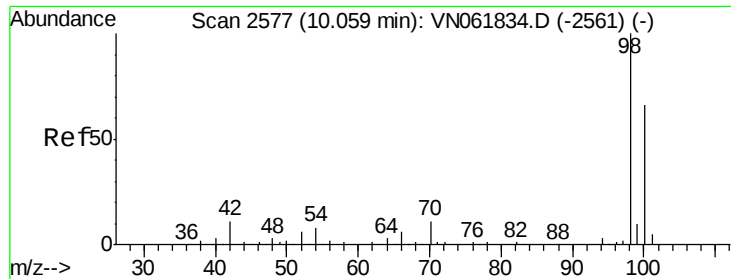
#35
 Dibromofluoromethane
 Concen: 50.709 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061891.D
 Acq: 18 Jun 2020 11:28

Tgt Ion:113 Resp: 80084
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.7 125.5
 192 17.3 13.9 20.9



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: 49.185 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061891.D

Acq: 18 Jun 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

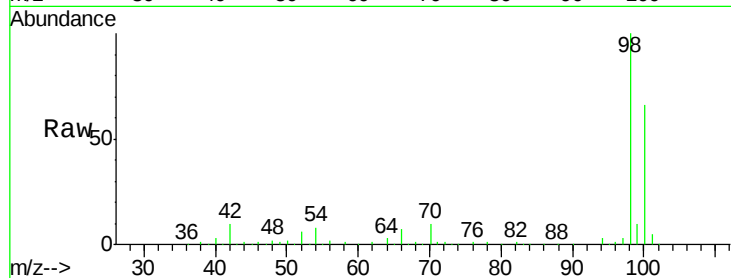
VN0618WBL01

Tot Ion: 98 Resp: 305382

Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061891.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061891.D (-2484) (-)

10.06

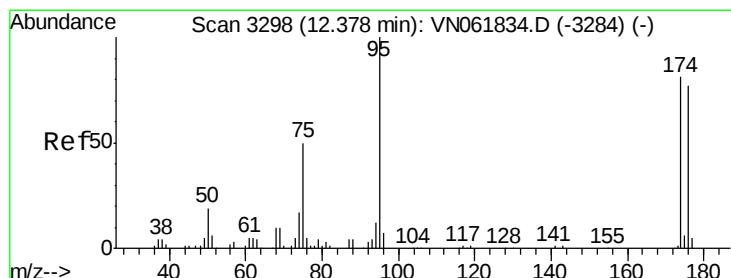
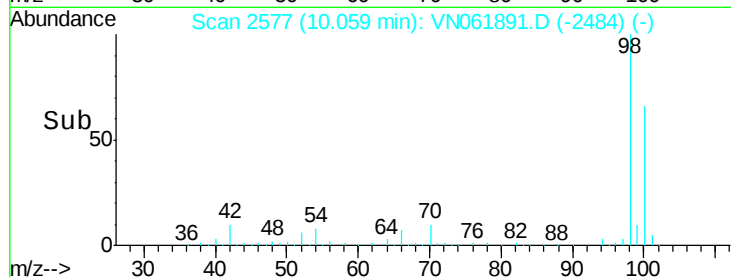
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.642 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061891.D

Acq: 18 Jun 2020 11:28

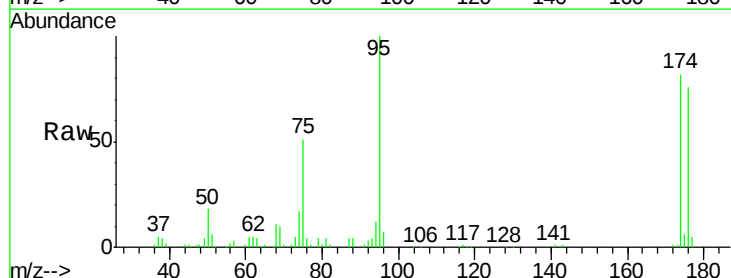
Tgt Ion: 95 Resp: 97205

Ion Ratio Lower Upper

95 100

174 79.9 0.0 158.6

176 76.7 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061891.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061891.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061891.D (-3205) (-)

12.38

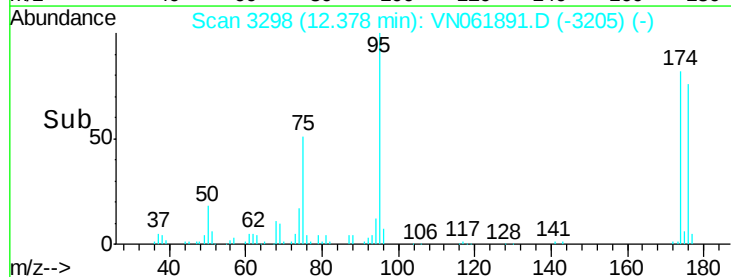
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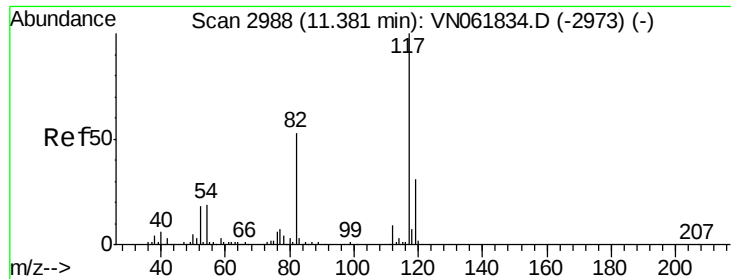
40000

20000

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Time-->

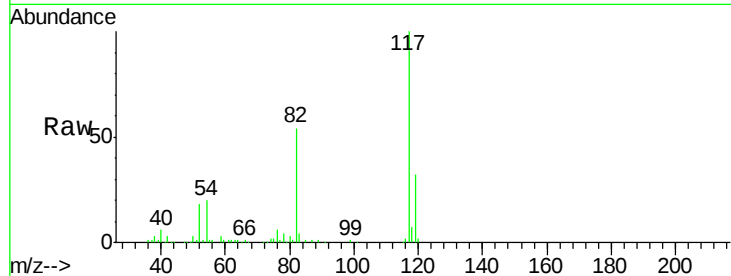




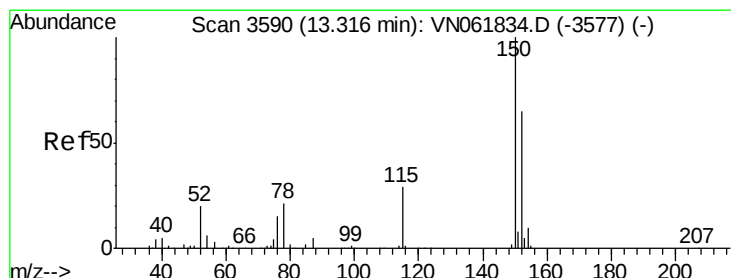
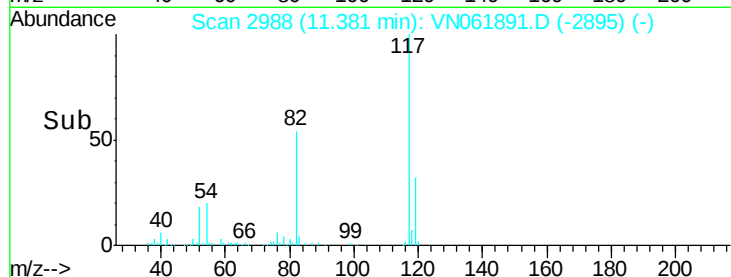
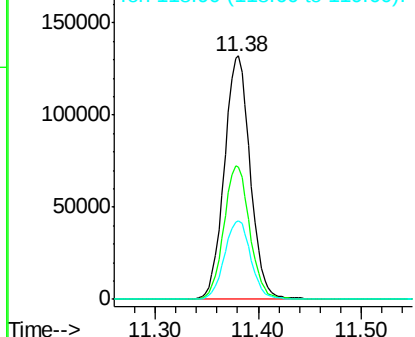
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061891.D
Acq: 18 Jun 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

Tot Ion:117 Resp: 231586
Ion Ratio Lower Upper
117 100
82 54.4 42.6 64.0
119 32.4 24.7 37.1

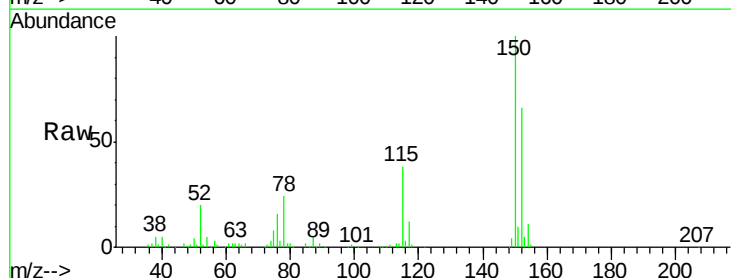


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061891.D
Acq: 18 Jun 2020 11:28

Tgt Ion:152 Resp: 89386
Ion Ratio Lower Upper
152 100
115 58.9 29.1 87.3
150 155.5 0.0 347.6



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

