

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061351.D
 Acq On : 8 May 2020 10:43
 Operator : JC/MD
 Sample : VN0508WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBL01

Quant Time: May 09 01:10:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	93966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	169557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	158509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	60520	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	78326	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	7.54	113	51464	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.06	98	212043	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.38	95	72509	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	

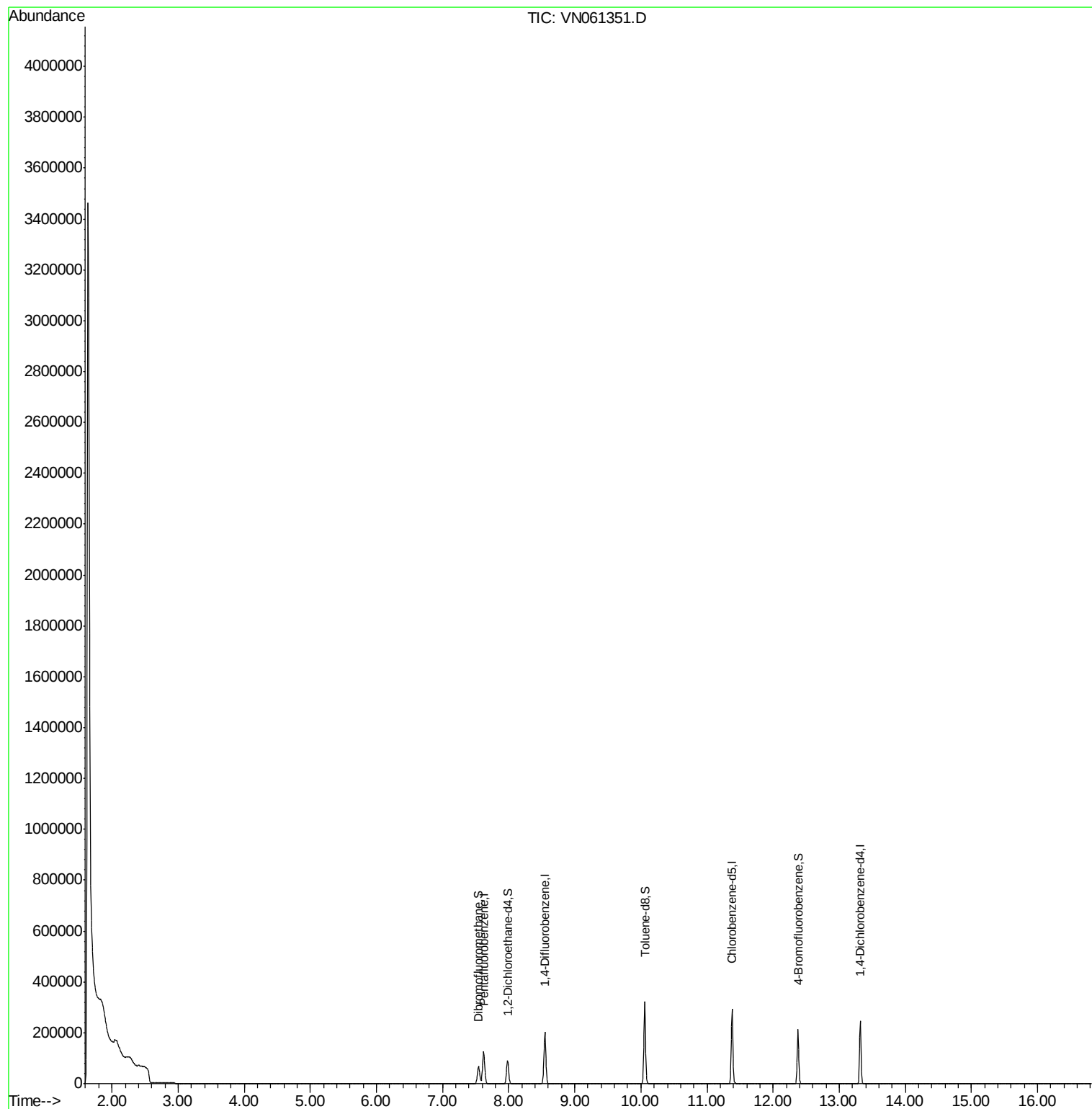
Target Compounds	Qvalue

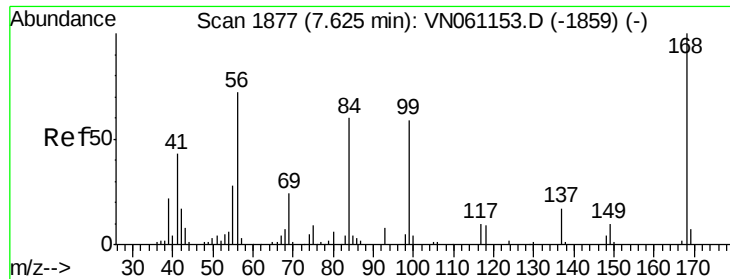
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061351.D

Acq: 8 May 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

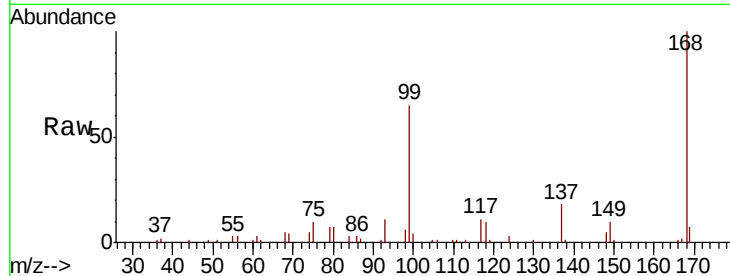
VN0508WBL01

Tot Ion:168 Resp: 93966

Ion Ratio Lower Upper

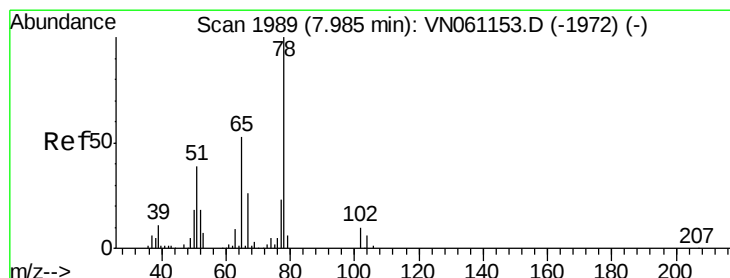
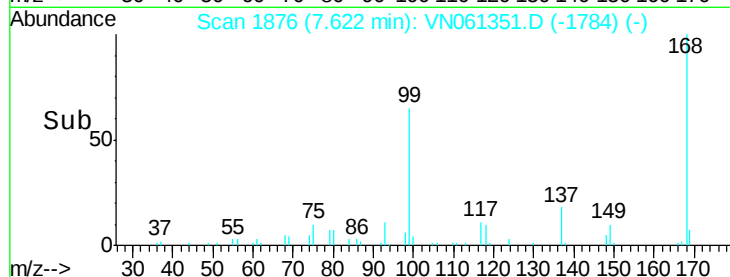
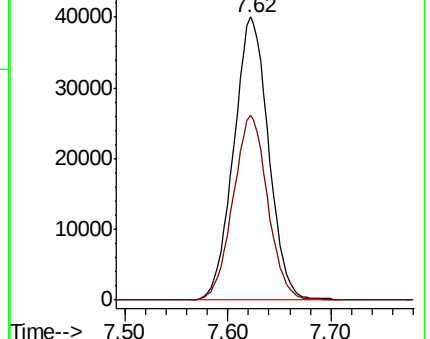
168 100

99 65.5 51.2 76.8



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: 52.680 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061351.D

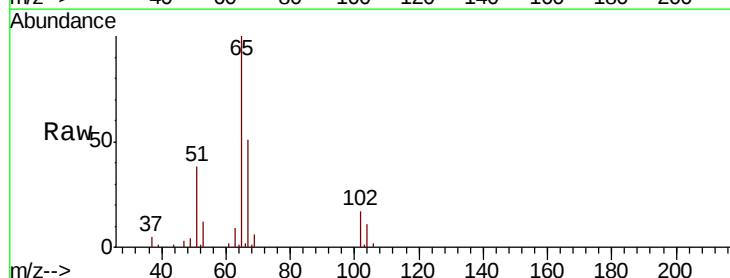
Acq: 8 May 2020 10:43

Tgt Ion: 65 Resp: 78326

Ion Ratio Lower Upper

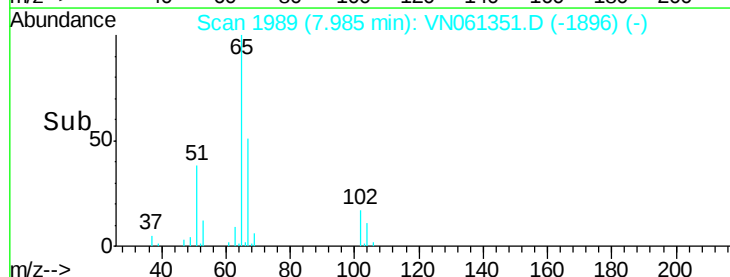
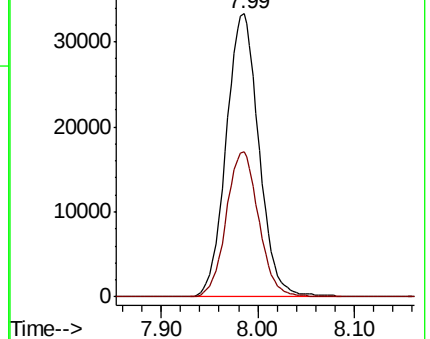
65 100

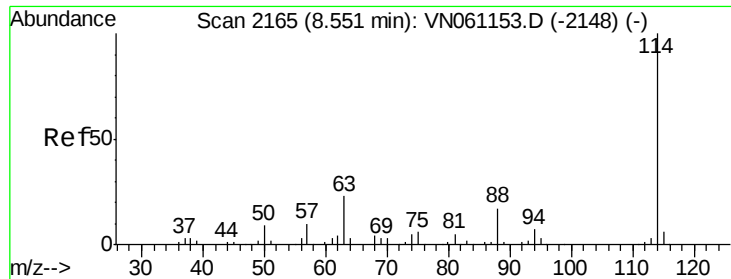
67 50.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

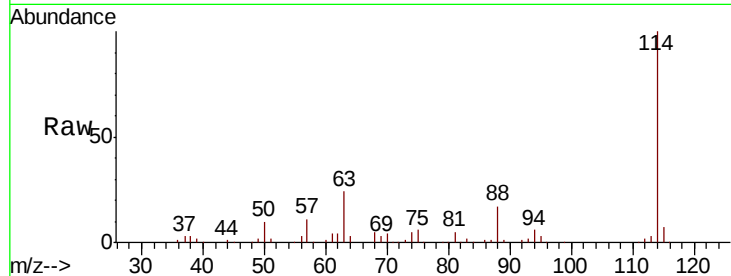




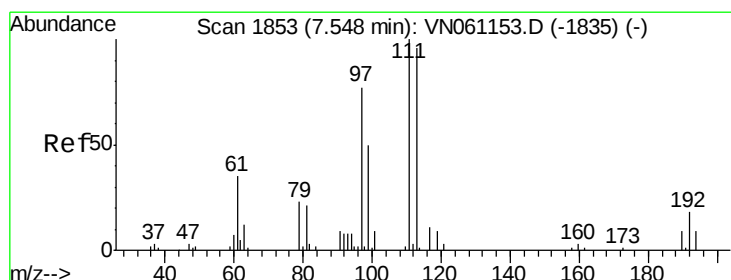
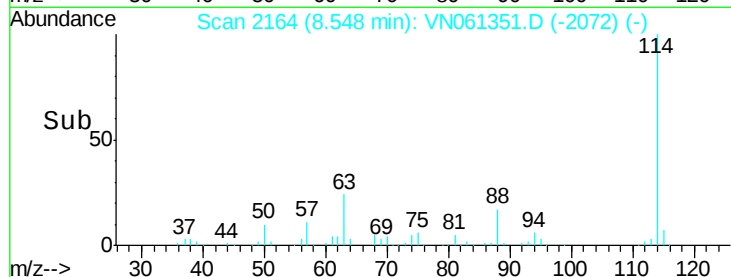
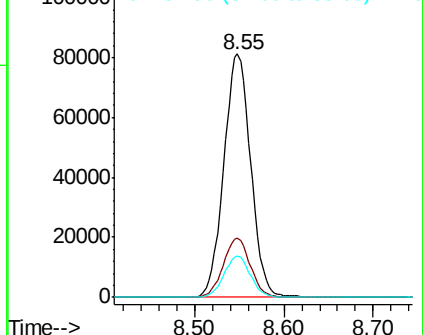
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061351.D
 Acq: 8 May 2020 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBL01

Tot Ion:114 Resp: 169557
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.6
 88 16.8 0.0 33.4

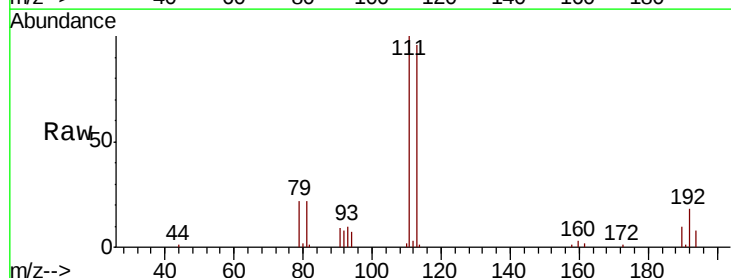


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

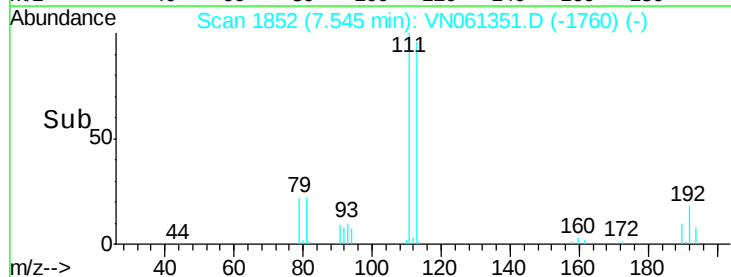
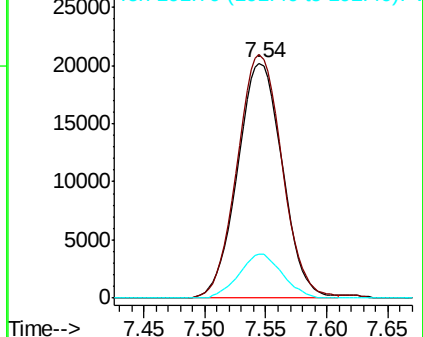


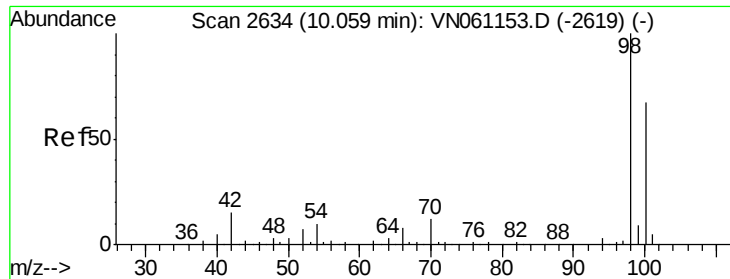
#35
 Dibromofluoromethane
 Concen: 51.329 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061351.D
 Acq: 8 May 2020 10:43

Tgt Ion:113 Resp: 51464
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 17.9 14.7 22.1



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: 51.879 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061351.D

Acq: 8 May 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

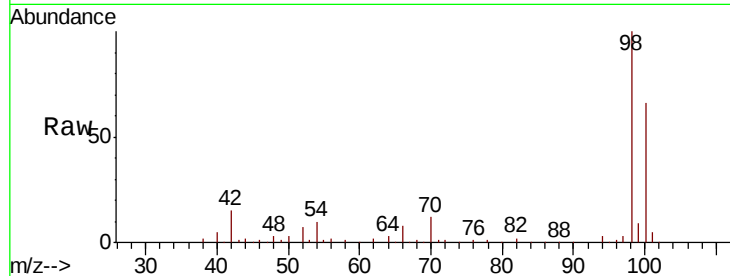
VN0508WBL01

Tot Ion: 98 Resp: 212043

Ion Ratio Lower Upper

98 100

100 65.2 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061351.D (-2541) (-)

Ion 100.00 (99.70 to 100.70): VN061351.D (-2541) (-)

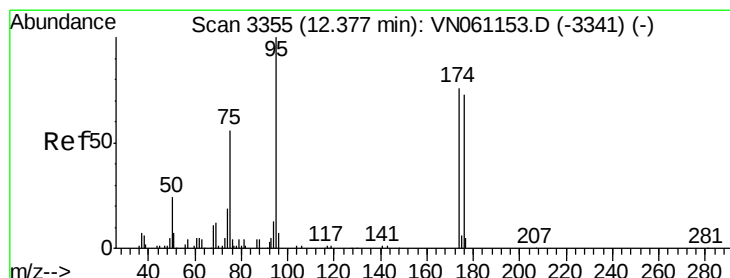
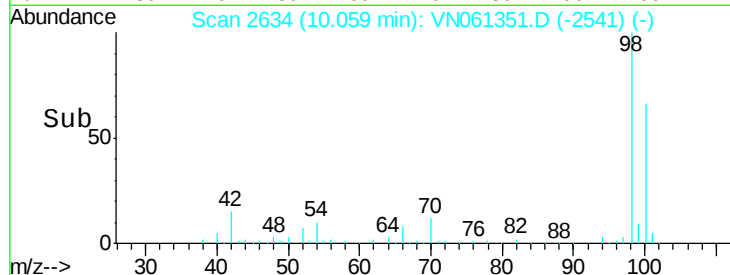
10.06

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.142 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061351.D

Acq: 8 May 2020 10:43

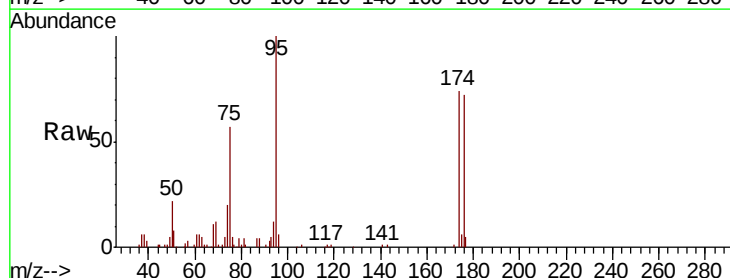
Tgt Ion: 95 Resp: 72509

Ion Ratio Lower Upper

95 100

174 73.3 0.0 149.4

176 70.6 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061351.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061351.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061351.D (-3262) (-)

12.38

50000

40000

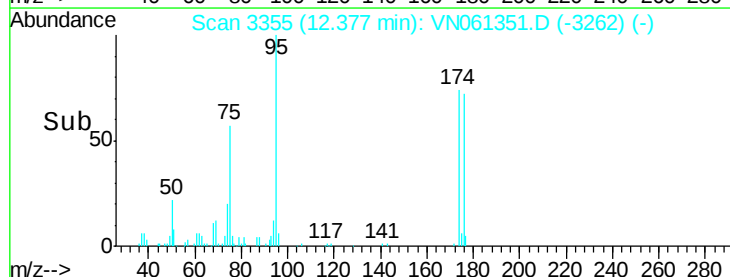
30000

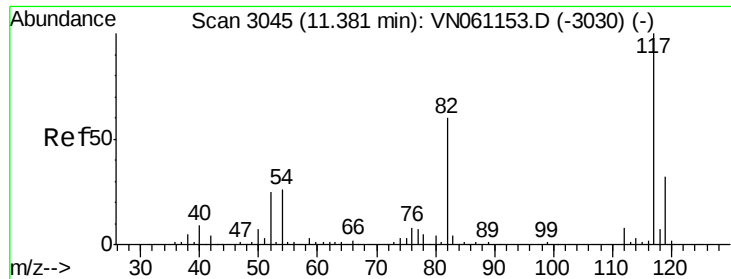
20000

10000

0

Time-->

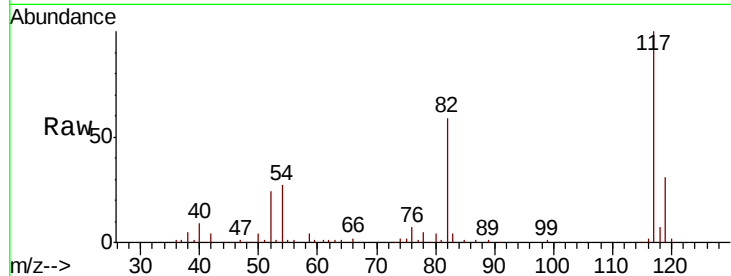




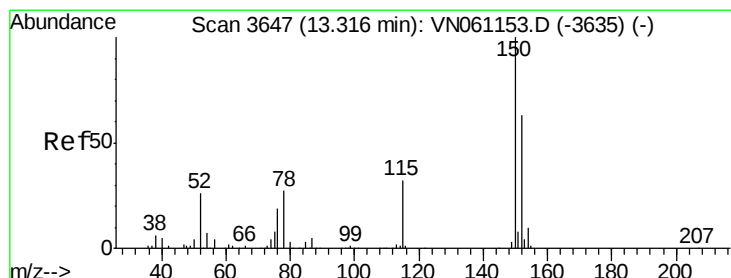
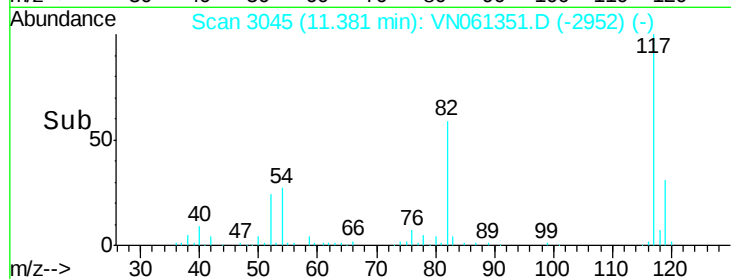
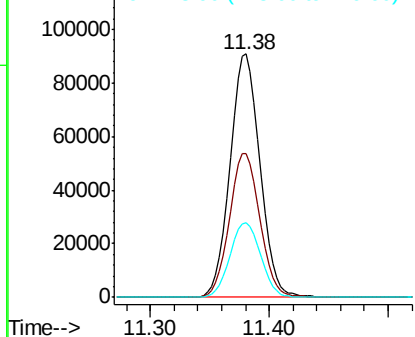
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061351.D
Acq: 8 May 2020 10:43

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBL01

Tot Ion:117 Resp: 158509
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 30.8 25.8 38.6

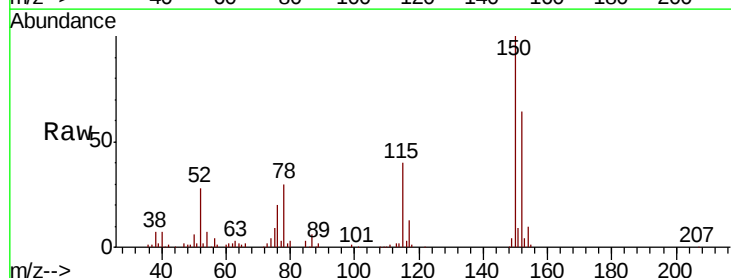


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061351.D
Acq: 8 May 2020 10:43

Tgt Ion:152 Resp: 60520
Ion Ratio Lower Upper
152 100
115 63.2 31.0 93.0
150 159.2 0.0 351.8



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

