

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061294.D
 Acq On : 5 May 2020 16:05
 Operator : JC/MD
 Sample : L2514-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T-B

Quant Time: May 06 05:48:05 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	7.63	168	102122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	183703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	175993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78406	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	84280	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.55	113	53853	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.06	98	228398	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.38	95	86671	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	

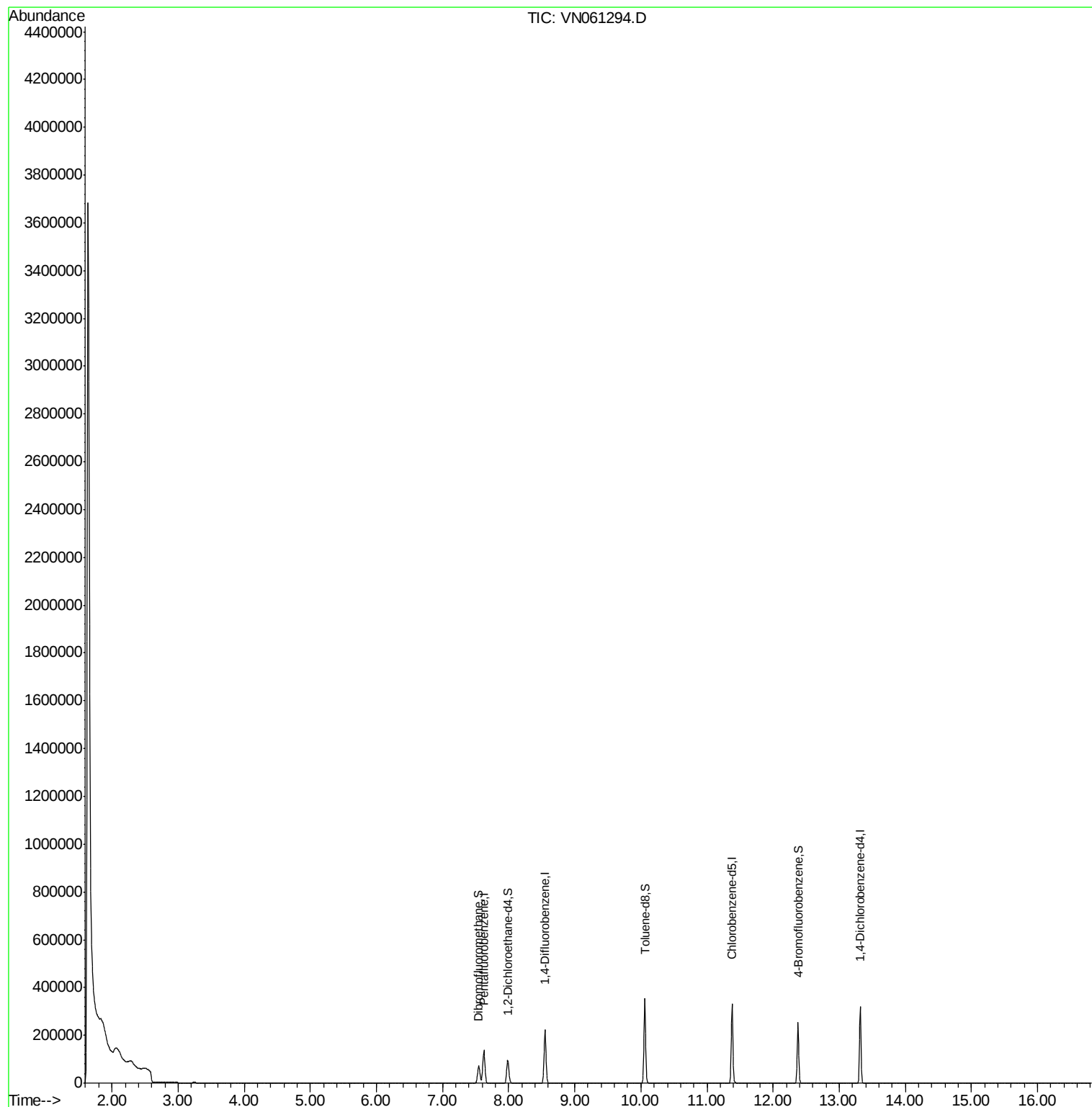
Target Compounds	Qvalue

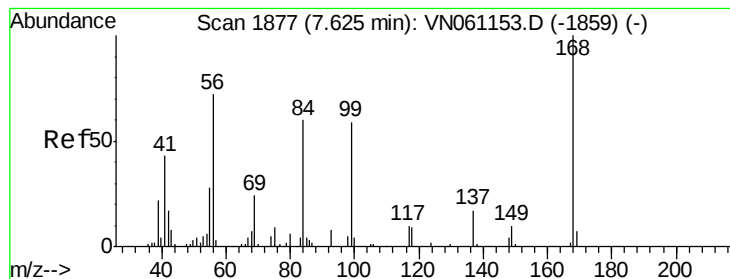
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061294.D

Acq: 5 May 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

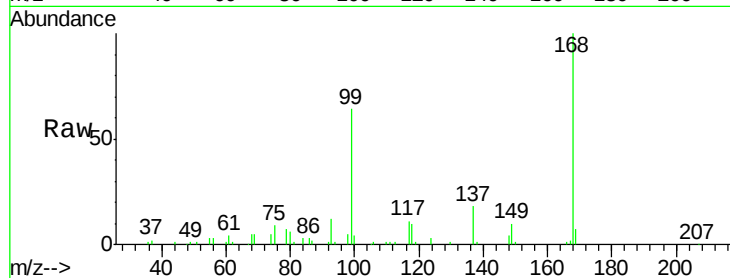
T-B

Tot Ion:168 Resp: 102122

Ion Ratio Lower Upper

168 100

99 64.0 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

40000

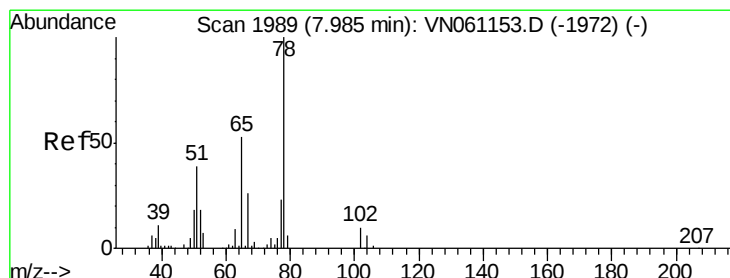
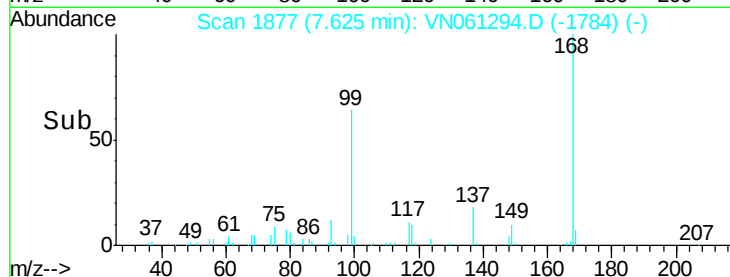
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.157 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061294.D

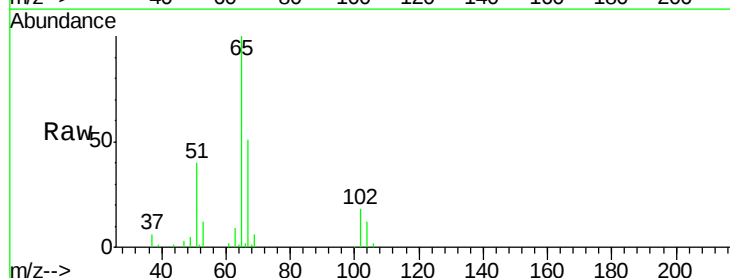
Acq: 5 May 2020 16:05

Tgt Ion: 65 Resp: 84280

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

40000

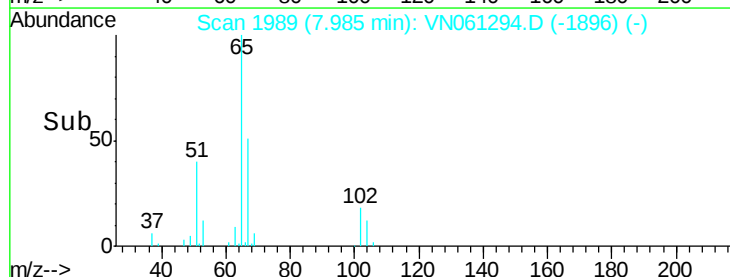
30000

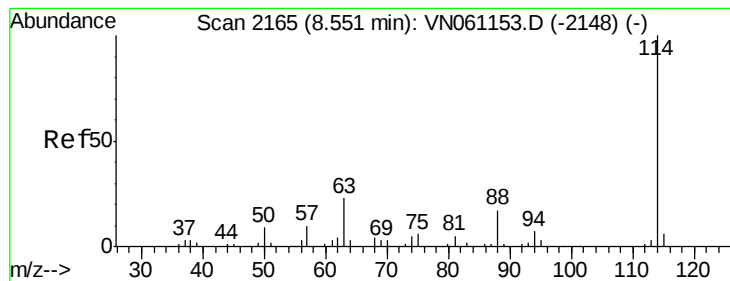
20000

10000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061294.D

Acq: 5 May 2020 16:05

Instrument :

MSVOA_N

ClientSampleId :

T-B

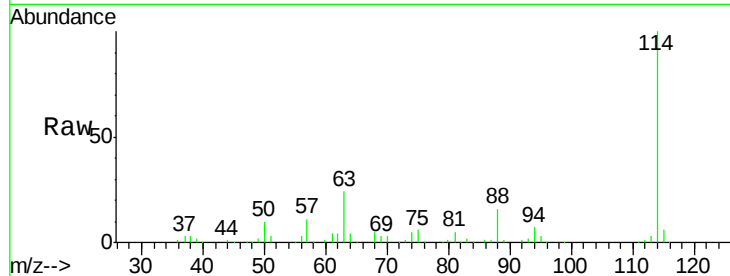
Tot Ion:114 Resp: 183703

Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

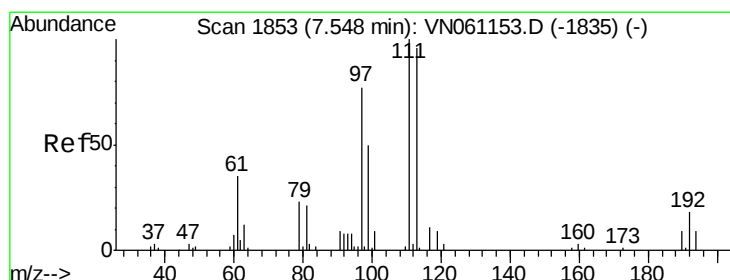
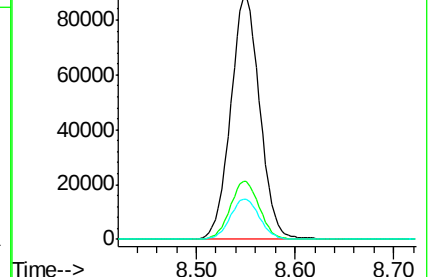
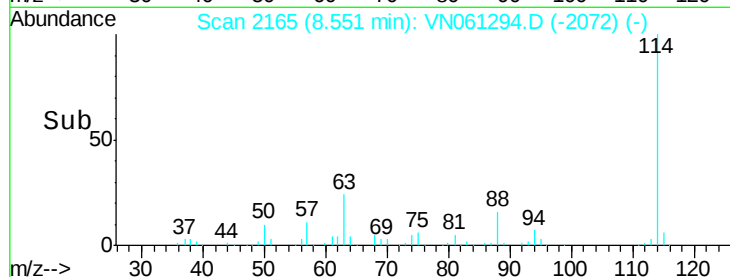
88 16.5 0.0 33.4



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: 49.576 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061294.D

Acq: 5 May 2020 16:05

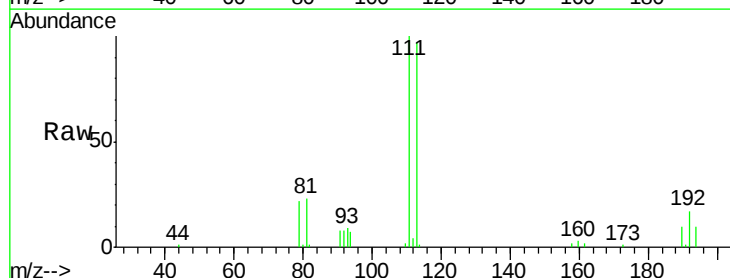
Tgt Ion:113 Resp: 53853

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

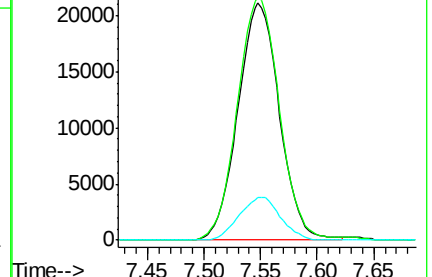
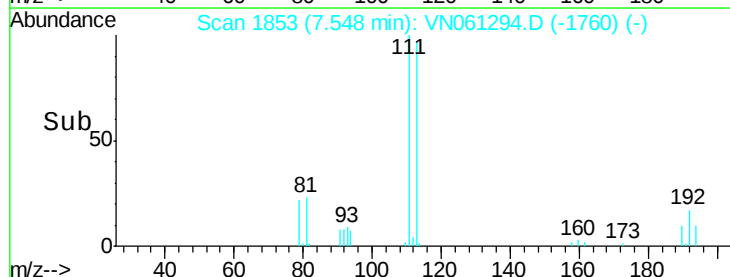
192 17.9 14.7 22.1

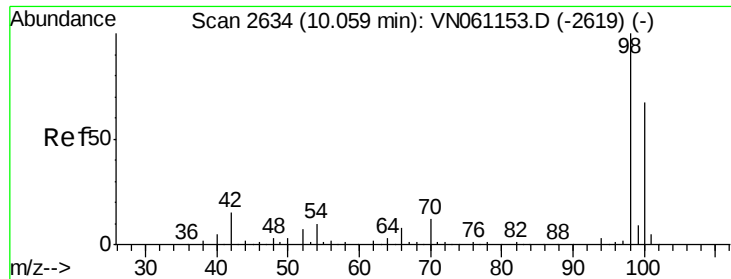


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.578 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061294.D

Acq: 5 May 2020 16:05

Instrument :

MSVOA_N

ClientSampled :

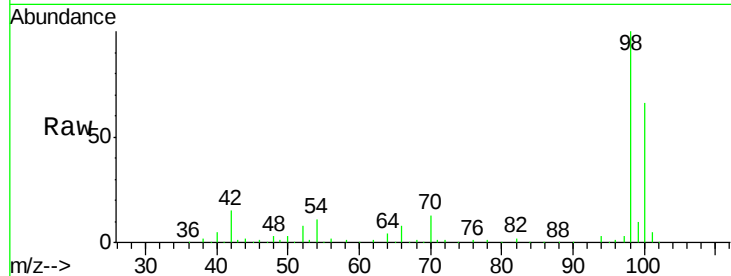
T-B

Tot Ion: 98 Resp: 228398

Ion Ratio Lower Upper

98 100

100 66.5 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

10.06

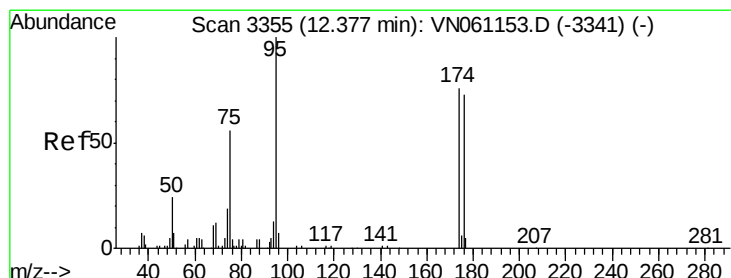
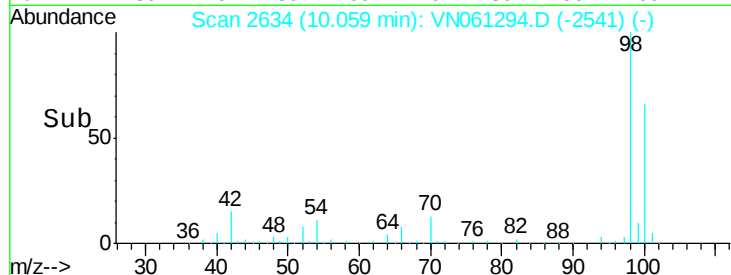
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.010 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061294.D

Acq: 5 May 2020 16:05

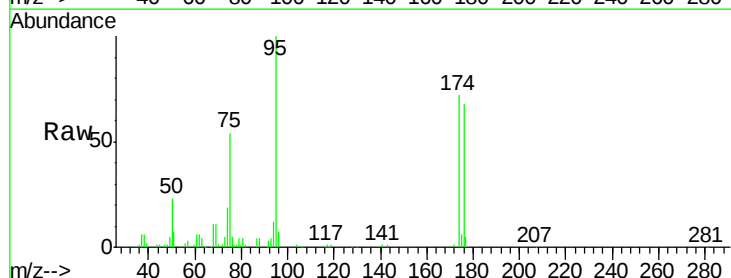
Tgt Ion: 95 Resp: 86671

Ion Ratio Lower Upper

95 100

174 72.0 0.0 149.4

176 68.5 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)

12.38

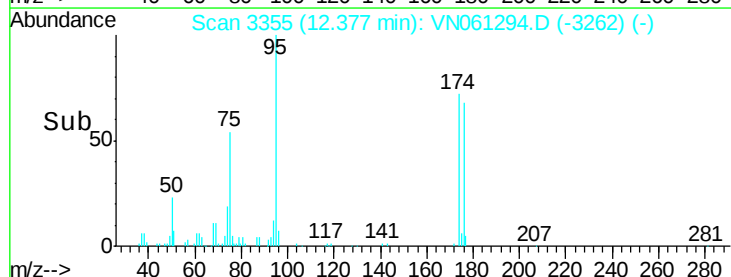
60000

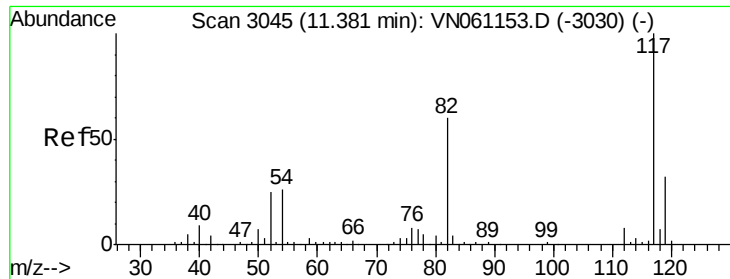
40000

20000

0

Time-->

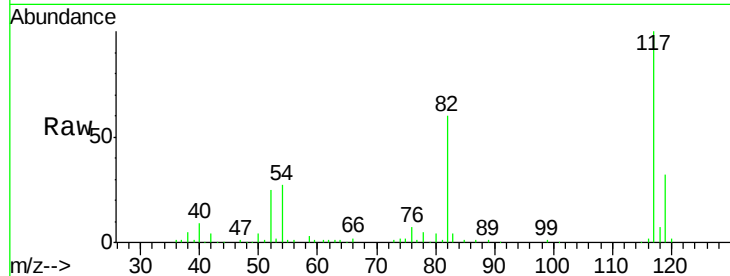




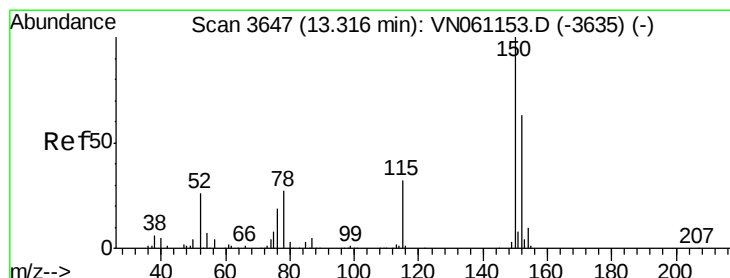
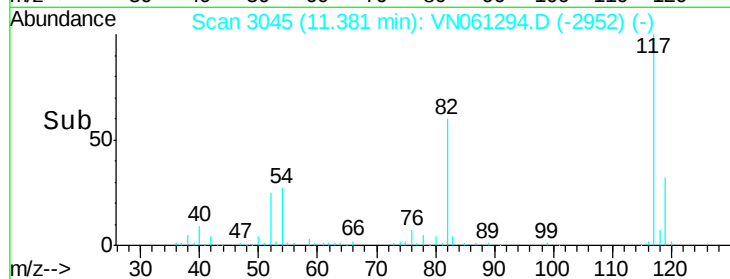
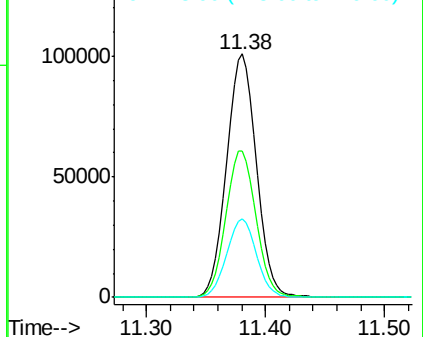
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 3045
 Delta R.T. 0.00 min
 Lab File: VN061294.D
 Acq: 5 May 2020 16:05

Instrument :
 MSVOA_N
 ClientSampled :
 T-B

Tot Ion:117 Resp: 175993
 Ion Ratio Lower Upper
 117 100
 82 60.3 47.8 71.8
 119 32.1 25.8 38.6

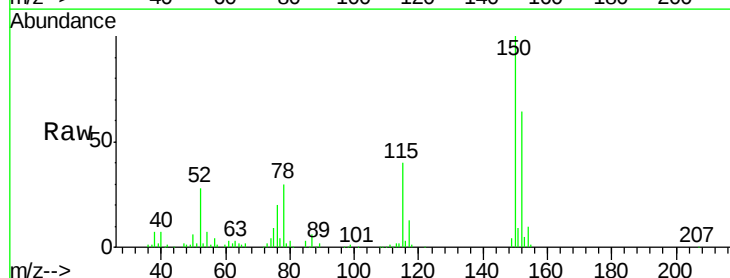


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3648
 Delta R.T. 0.00 min
 Lab File: VN061294.D
 Acq: 5 May 2020 16:05

Tgt Ion:152 Resp: 78406
 Ion Ratio Lower Upper
 152 100
 115 62.2 31.0 93.0
 150 157.0 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

