

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061308.D
 Acq On : 6 May 2020 14:40
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 07 09:01:20 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	101138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	182056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	172759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	74770	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	82057	51.28	ug/l	0.00
Spiked Amount						
			Recovery	=	102.56%	
35) Dibromofluoromethane	7.55	113	52130	48.42	ug/l	0.00
Spiked Amount						
			Recovery	=	96.84%	
50) Toluene-d8	10.06	98	225746	51.44	ug/l	0.00
Spiked Amount						
			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.38	95	87664	53.08	ug/l	0.00
Spiked Amount						
			Recovery	=	106.16%	

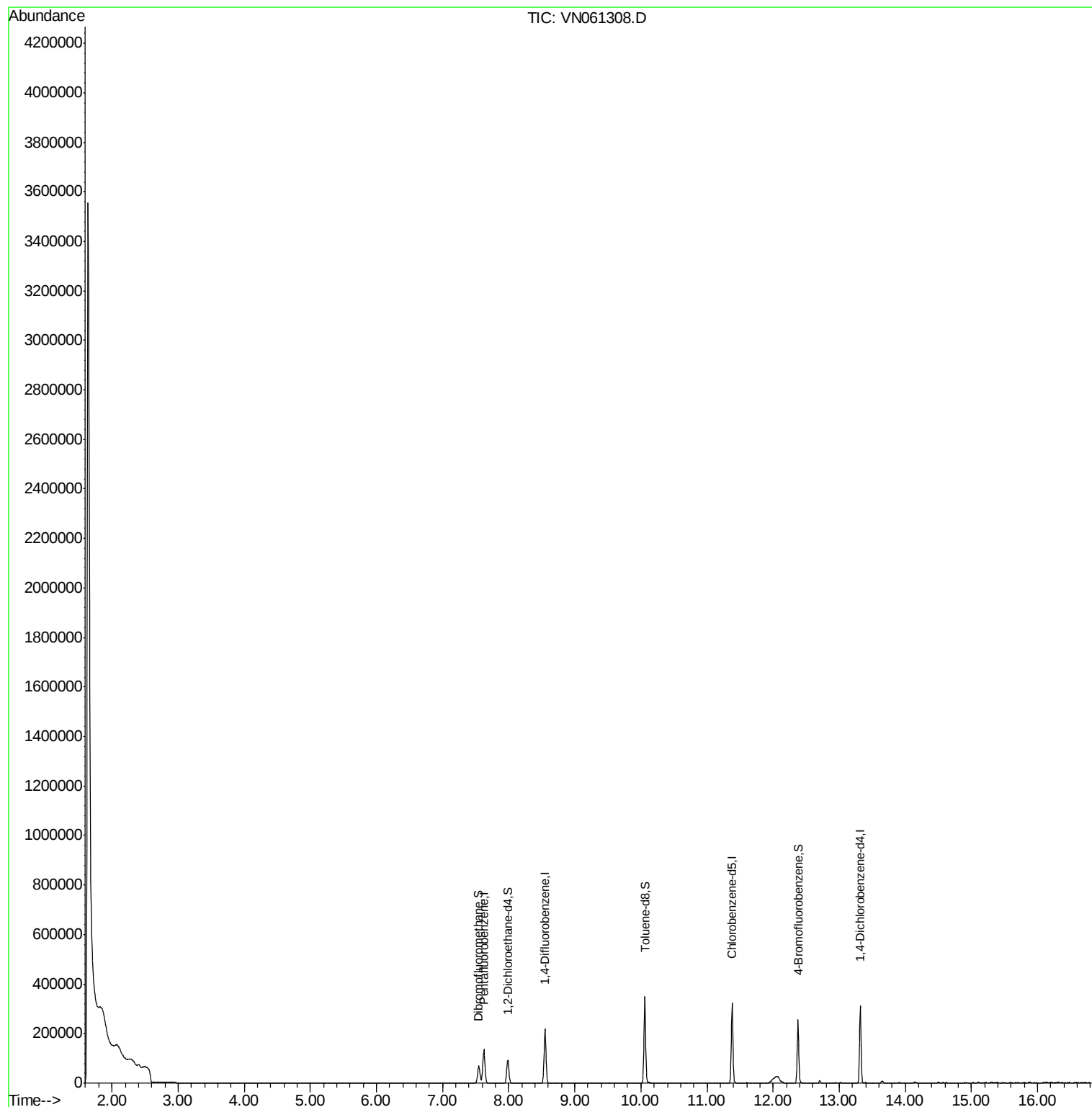
Target Compounds	Qvalue

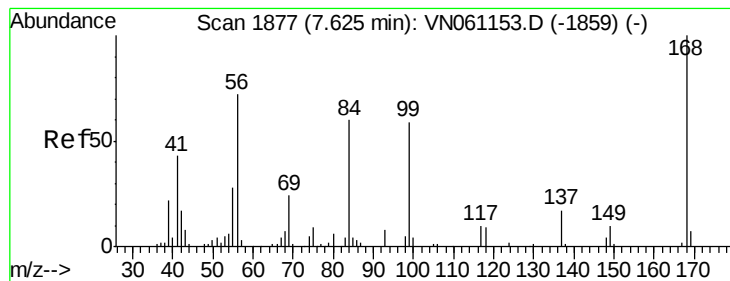
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061308.D

Acq: 6 May 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

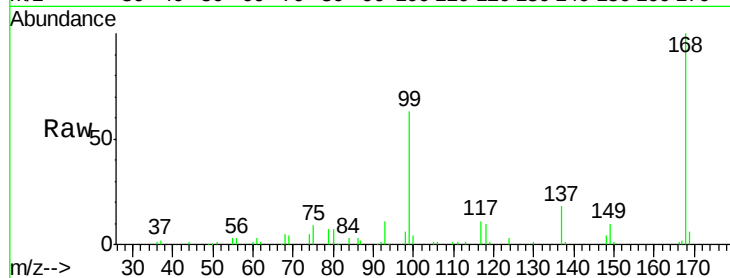
IBLK

Tot Ion:168 Resp: 101138

Ion Ratio Lower Upper

168 100

99 63.2 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

40000

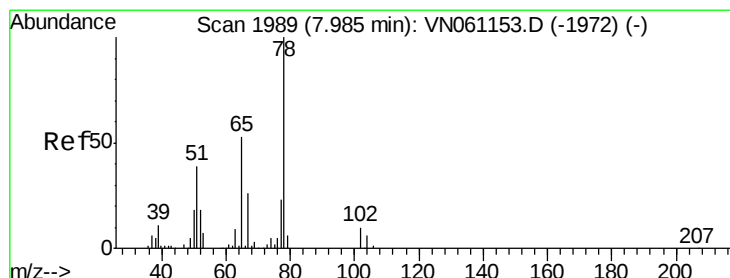
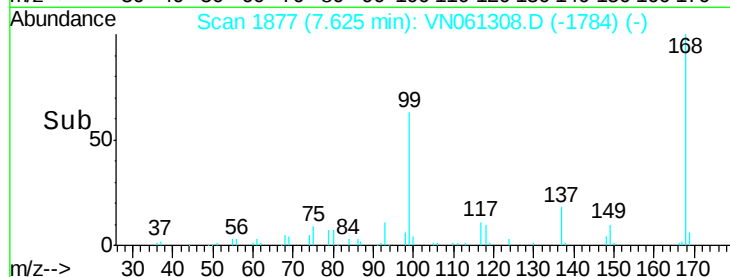
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.275 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061308.D

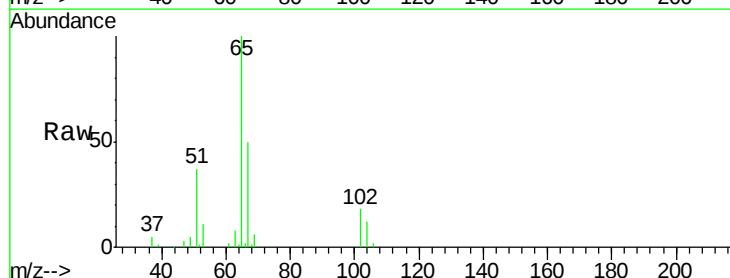
Acq: 6 May 2020 14:40

Tgt Ion: 65 Resp: 82057

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

40000

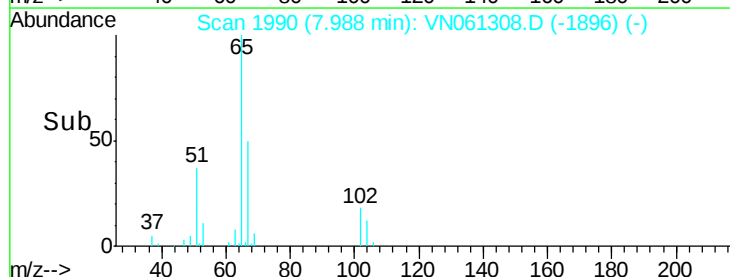
30000

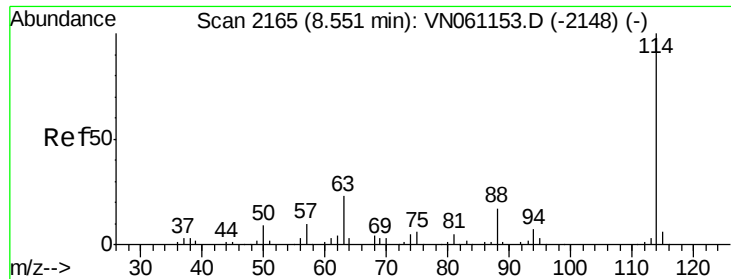
20000

10000

0

Time--> 7.90 7.95 8.00 8.05

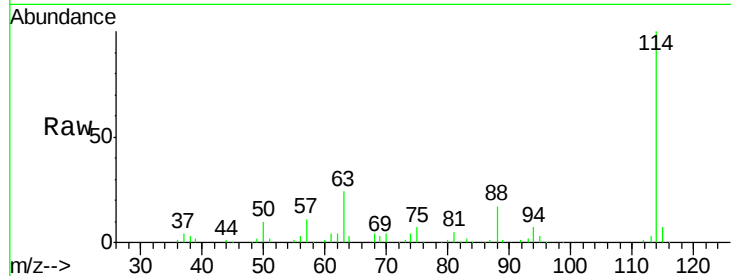




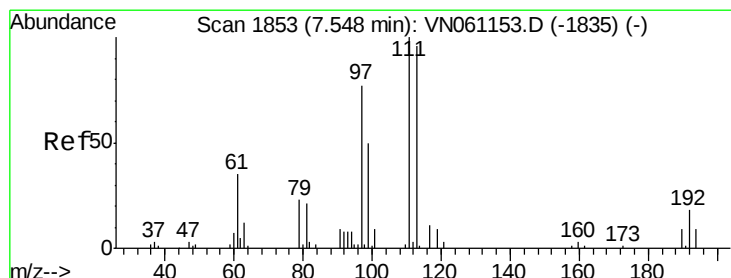
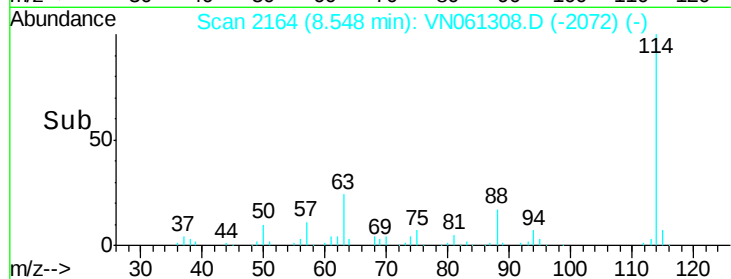
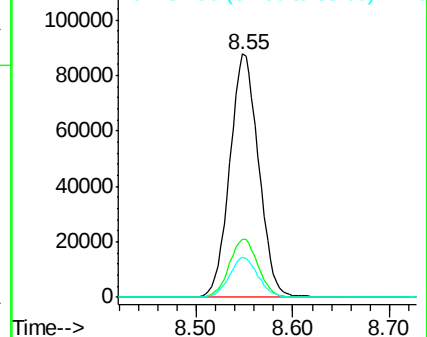
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061308.D
 Acq: 6 May 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tot Ion:114 Resp: 182056
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 46.6
 88 16.5 0.0 33.4

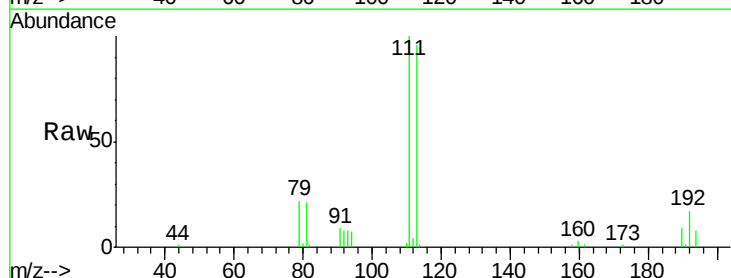


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

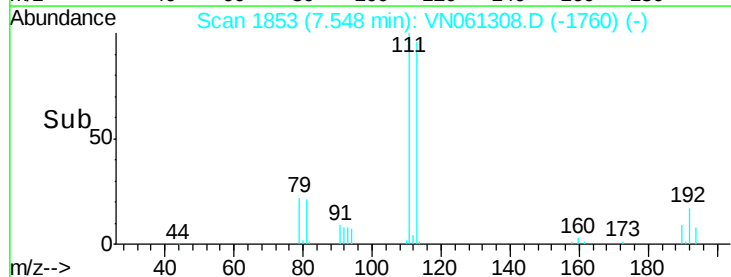
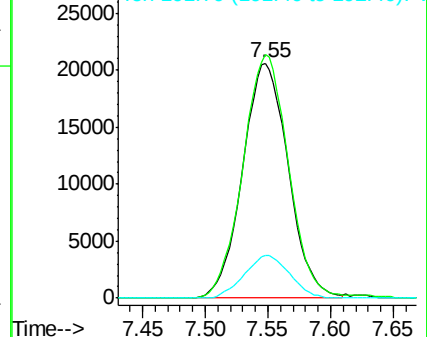


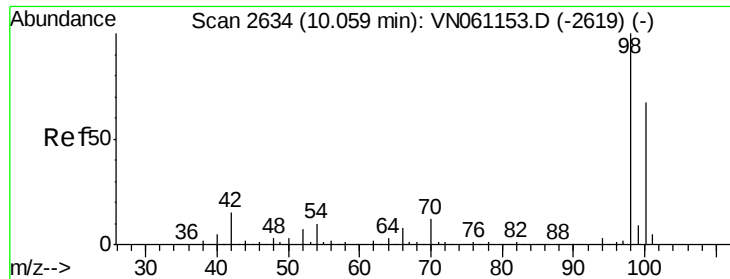
#35
 Dibromofluoromethane
 Concen: 48.424 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061308.D
 Acq: 6 May 2020 14:40

Tgt Ion:113 Resp: 52130
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 18.0 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: 51.440 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061308.D

Acq: 6 May 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

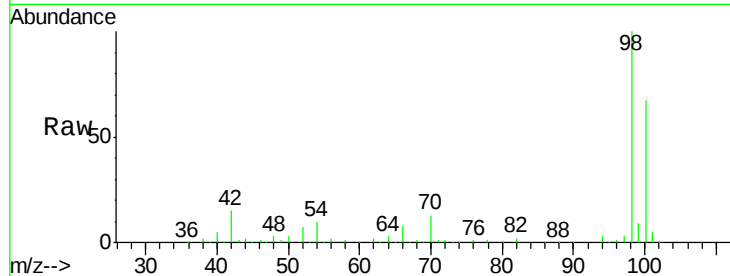
IBLK

Tot Ion: 98 Resp: 225746

Ion Ratio Lower Upper

98 100

100 65.9 53.4 80.0



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

Ion 100.00 (99.70 to 100.70): VN061308.D (-2541) (-)

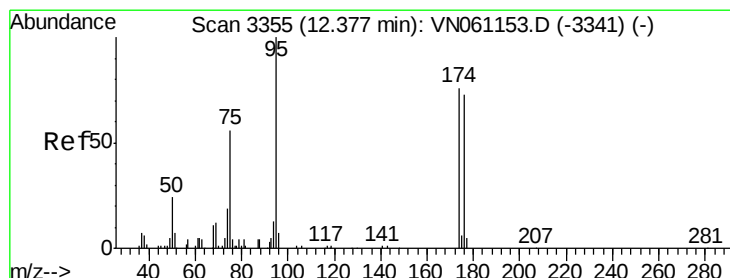
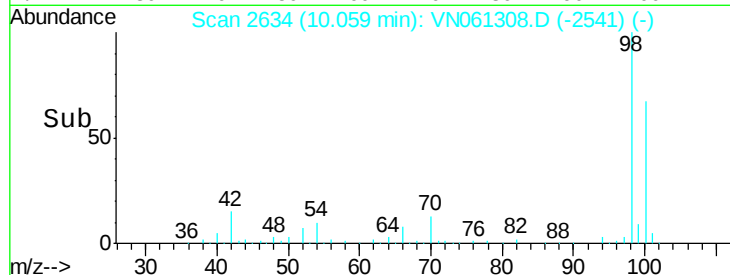
10.06

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.082 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061308.D

Acq: 6 May 2020 14:40

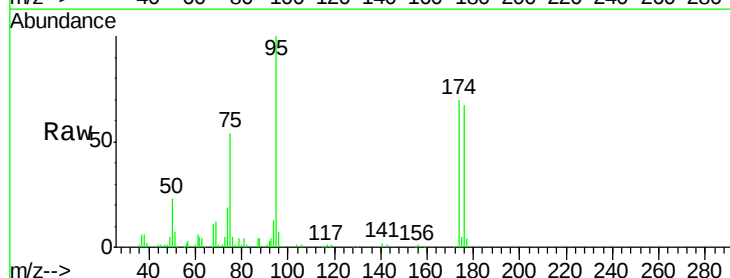
Tgt Ion: 95 Resp: 87664

Ion Ratio Lower Upper

95 100

174 71.1 0.0 149.4

176 68.7 0.0 144.8



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

Ion 173.80 (173.50 to 174.50): VN061308.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061308.D (-3262) (-)

12.38

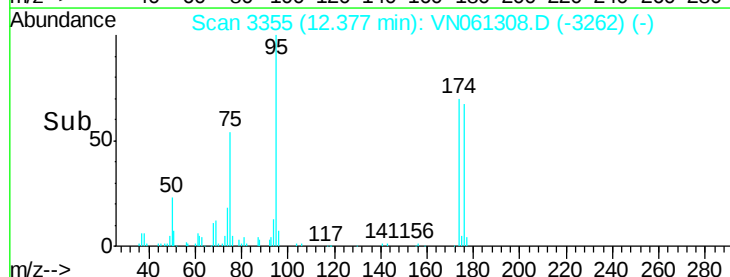
60000

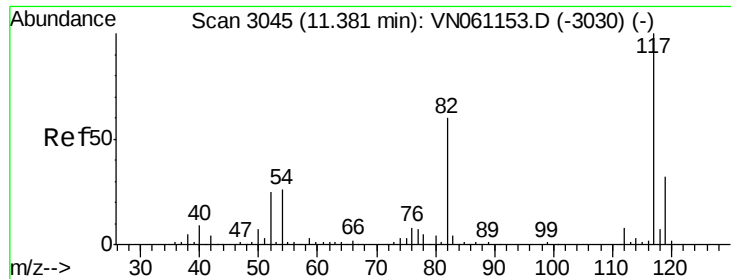
40000

20000

0

Time-->

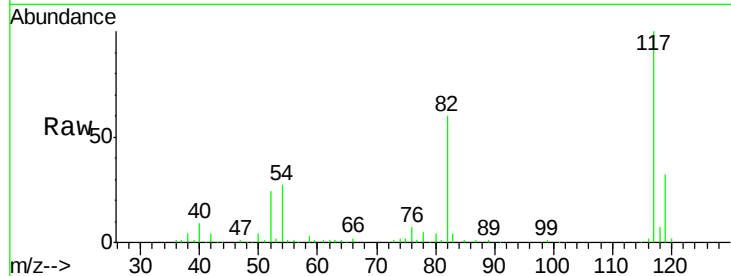




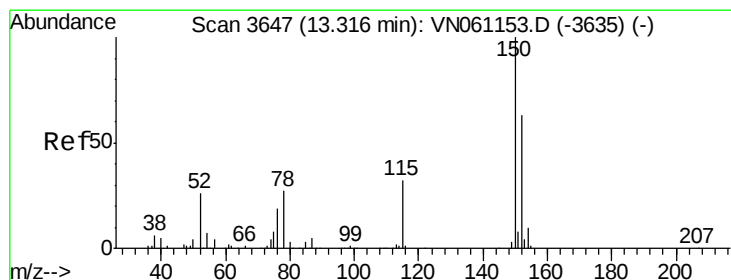
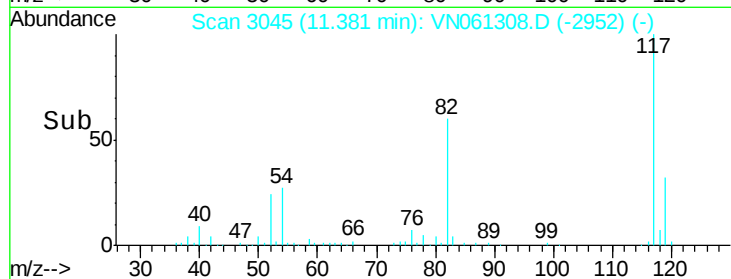
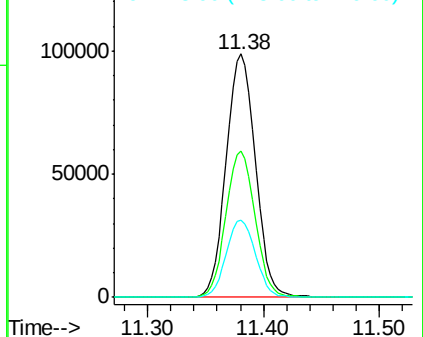
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061308.D
Acq: 6 May 2020 14:40

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion:117 Resp: 172759
Ion Ratio Lower Upper
117 100
82 60.1 47.8 71.8
119 32.0 25.8 38.6

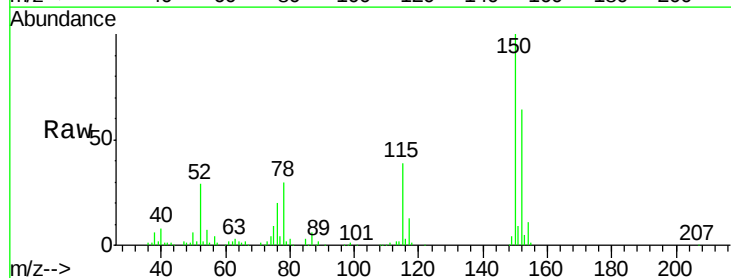


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061308.D
Acq: 6 May 2020 14:40

Tgt Ion:152 Resp: 74770
Ion Ratio Lower Upper
152 100
115 62.2 31.0 93.0
150 157.8 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

