

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060239.D
 Acq On : 25 Feb 2020 17:06
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 25 23:02:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	226334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	358281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	344714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178805	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	139662	50.71	ug/l	0.00
Spiked Amount						
			Recovery	=	101.42%	
35) Dibromofluoromethane	7.57	113	110159	50.02	ug/l	0.00
Spiked Amount						
			Recovery	=	100.04%	
50) Toluene-d8	10.08	98	438394	50.55	ug/l	0.00
Spiked Amount						
			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	176297	55.32	ug/l	0.00
Spiked Amount						
			Recovery	=	110.64%	

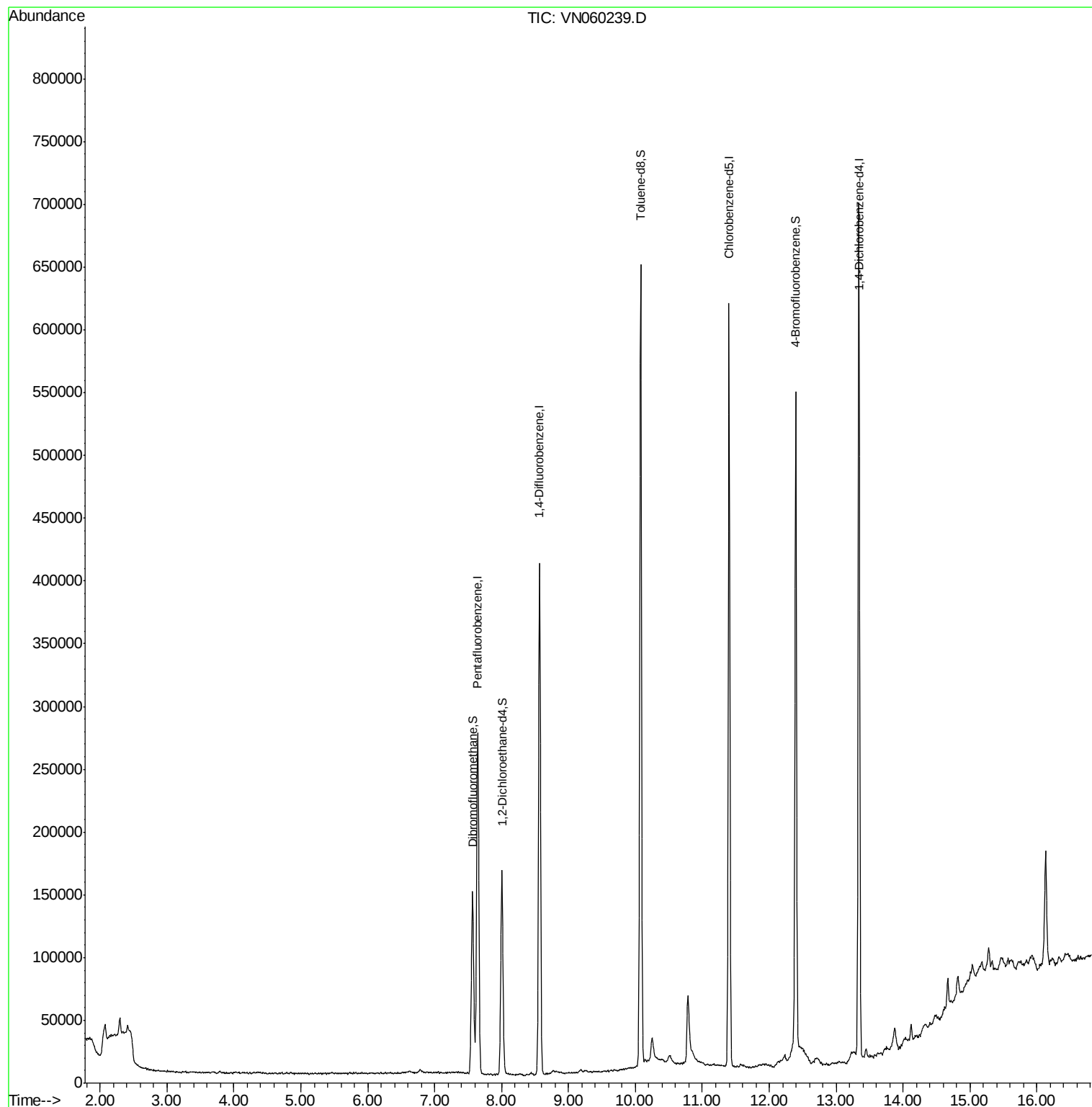
Target Compounds	Qvalue

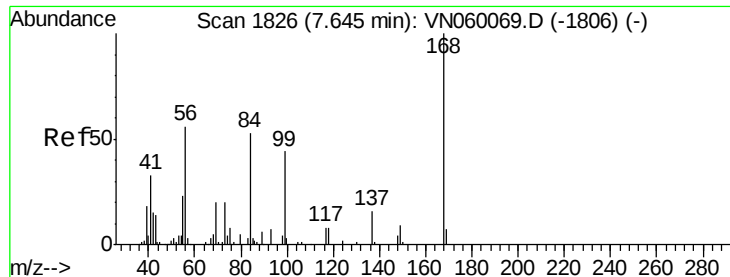
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060239.D

Acq: 25 Feb 2020 17:06

Instrument :

MSVOA_N

ClientSampled :

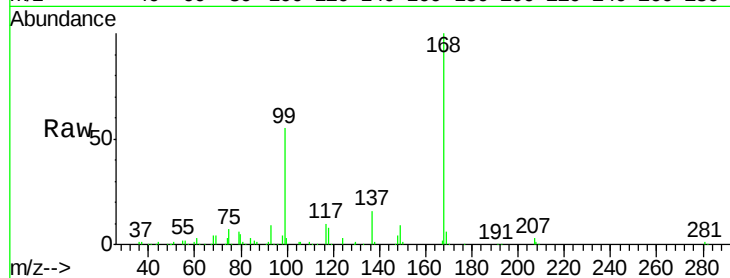
IBLK

Tot Ion:168 Resp: 226334

Ion Ratio Lower Upper

168 100

99 55.4 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060239.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN060239.D (-1806) (-)

7.64

100000

80000

60000

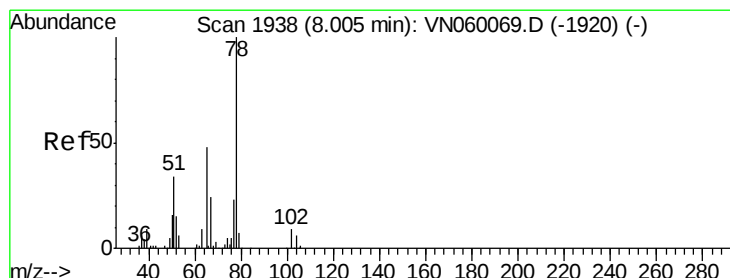
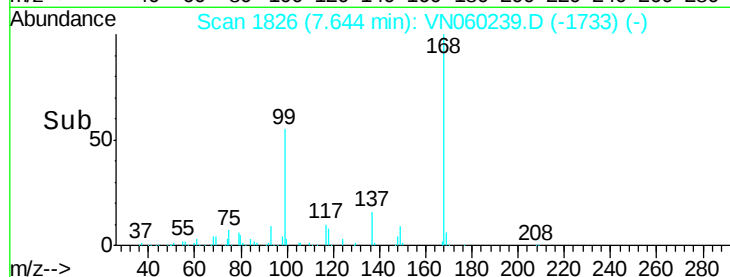
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.711 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060239.D

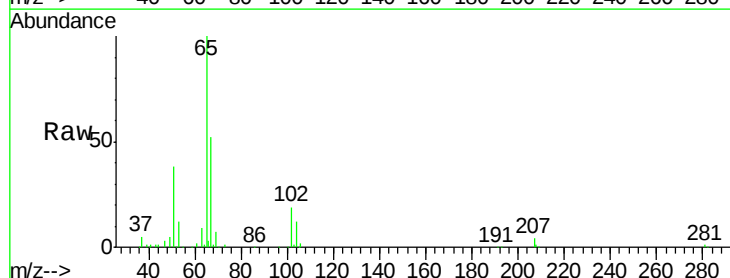
Acq: 25 Feb 2020 17:06

Tgt Ion: 65 Resp: 139662

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060239.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060239.D (-1920) (-)

8.00

60000

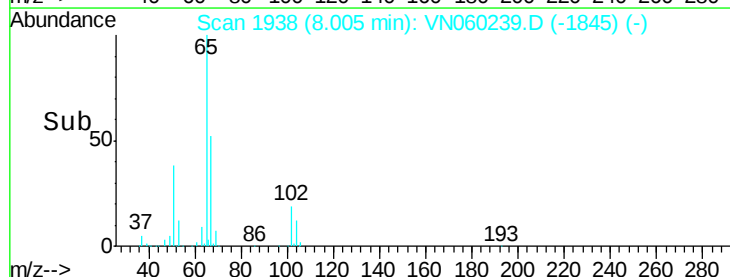
40000

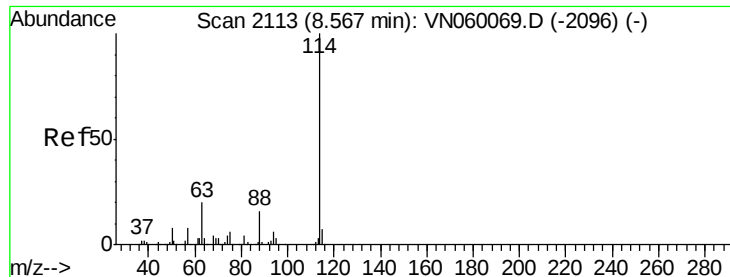
20000

0

7.90 7.95 8.00 8.05 8.10

Time-->

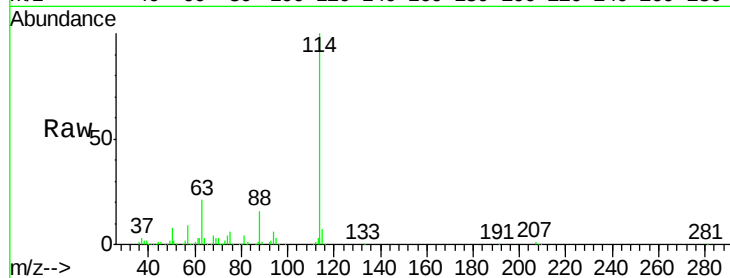




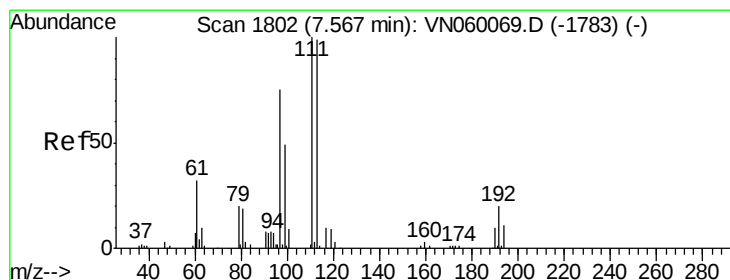
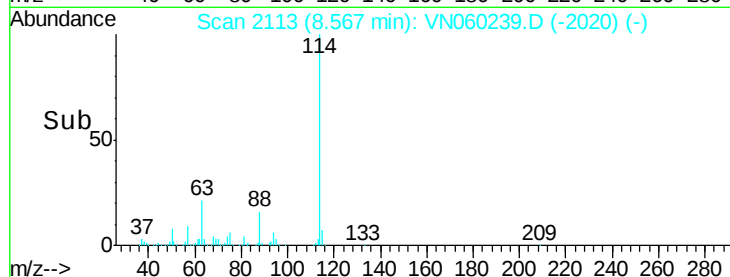
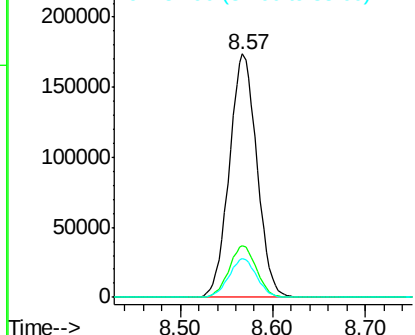
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060239.D
Acq: 25 Feb 2020 17:06

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tot Ion:114 Resp: 358281
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.0
88 15.9 0.0 31.6

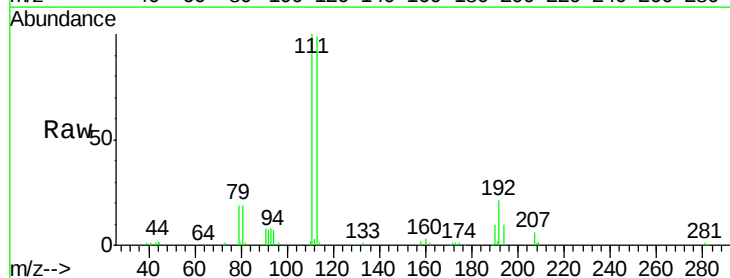


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

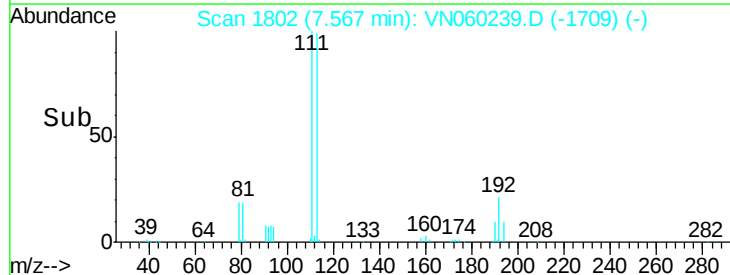
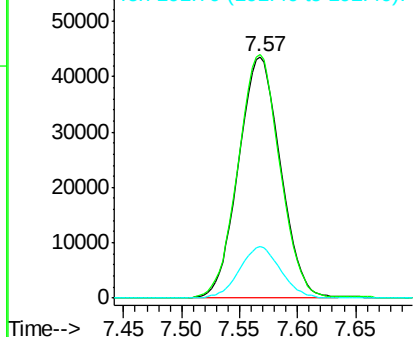


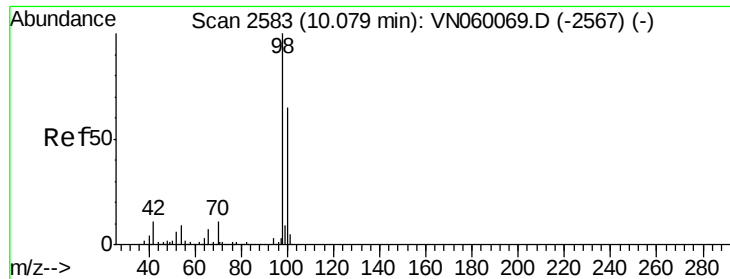
#35
Dibromofluoromethane
Concen: 50.019 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060239.D
Acq: 25 Feb 2020 17:06

Tgt Ion:113 Resp: 110159
Ion Ratio Lower Upper
113 100
111 100.4 81.4 122.2
192 20.9 16.2 24.2



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: 50.548 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060239.D

Acq: 25 Feb 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

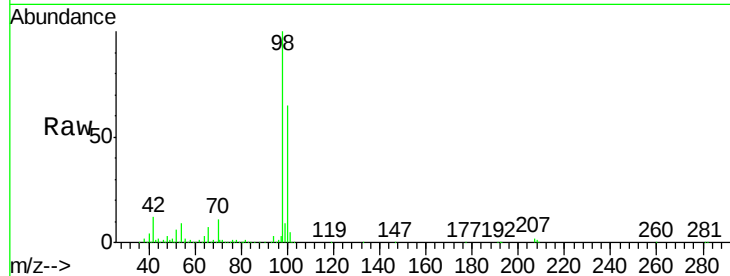
IBLK

Tot Ion: 98 Resp: 438394

Ion Ratio Lower Upper

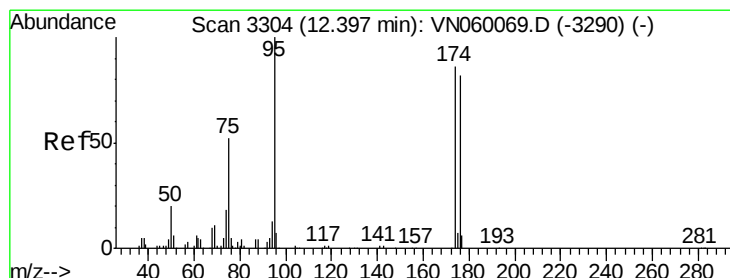
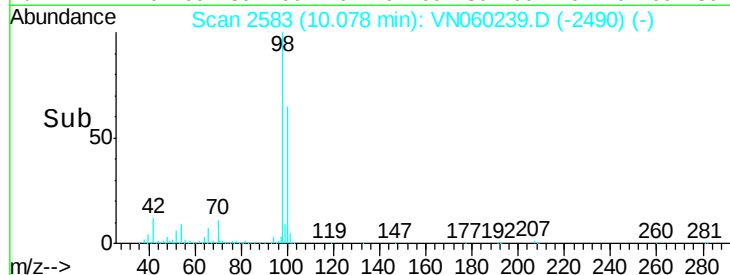
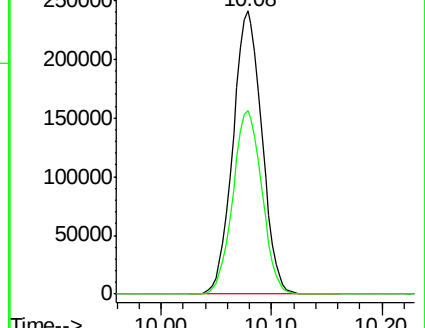
98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060069.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 55.320 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060239.D

Acq: 25 Feb 2020 17:06

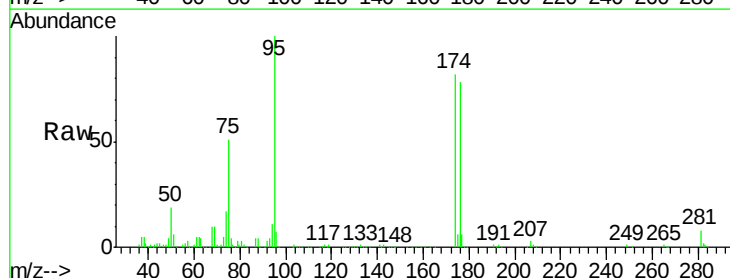
Tgt Ion: 95 Resp: 176297

Ion Ratio Lower Upper

95 100

174 82.1 0.0 169.8

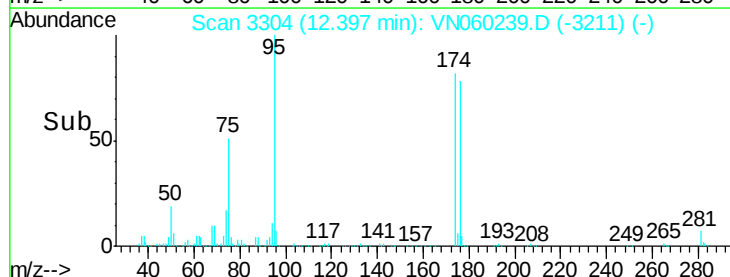
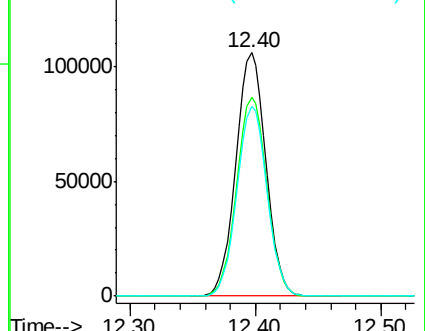
176 78.2 0.0 164.8

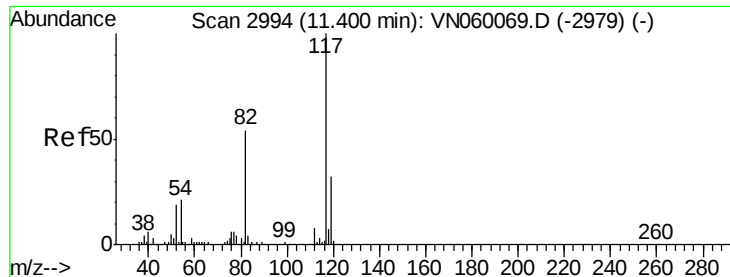


Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060069.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060069.D (-3290) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060239.D

Acq: 25 Feb 2020 17:06

Instrument :

MSVOA_N

ClientSampleId :

IBLK

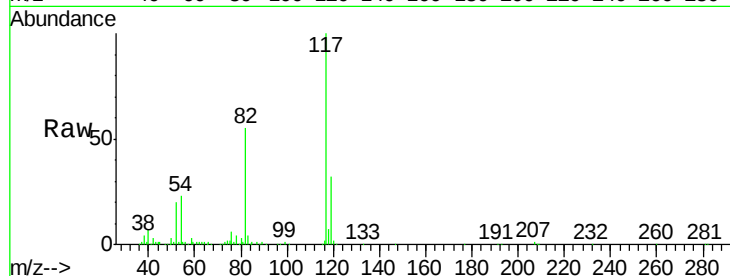
Tot Ion:117 Resp: 344714

Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.0

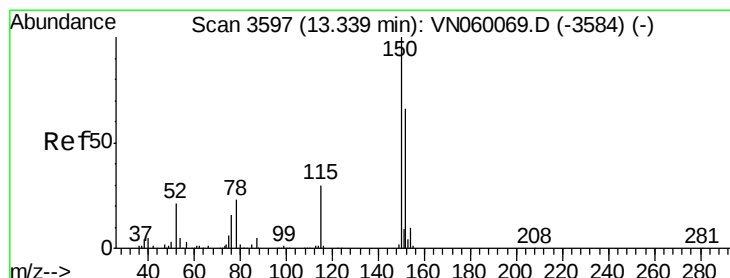
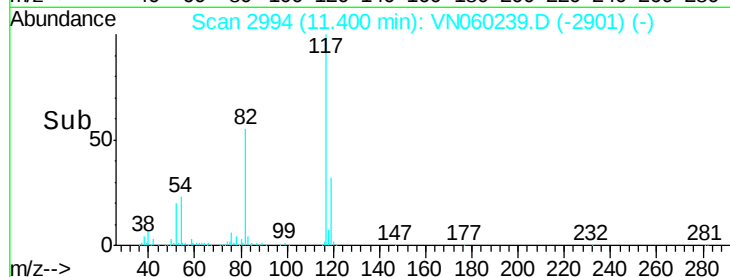
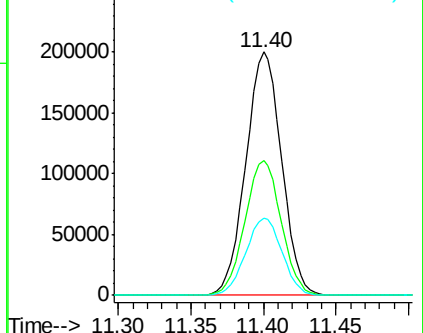
119 31.9 25.8 38.6



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: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060239.D

Acq: 25 Feb 2020 17:06

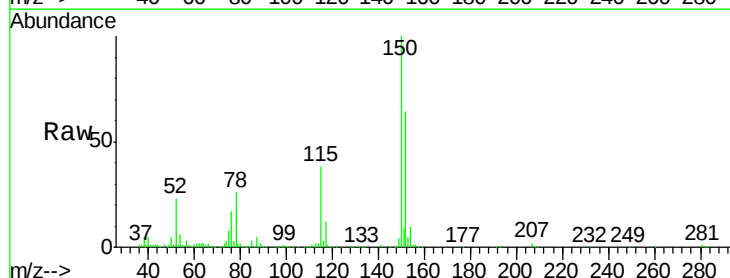
Tgt Ion:152 Resp: 178805

Ion Ratio Lower Upper

152 100

115 58.7 28.9 86.8

150 156.3 0.0 342.4



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

