

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062520\
 Data File : VN062114.D
 Acq On : 25 Jun 2020 16:29
 Operator : JC/MD
 Sample : L3071-10 100X
 Misc : 4.98g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1.5

Quant Time: Jun 26 03:38:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	229732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149431	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	155559	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.55	113	132533	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.06	98	533248	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.37	95	168688	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	

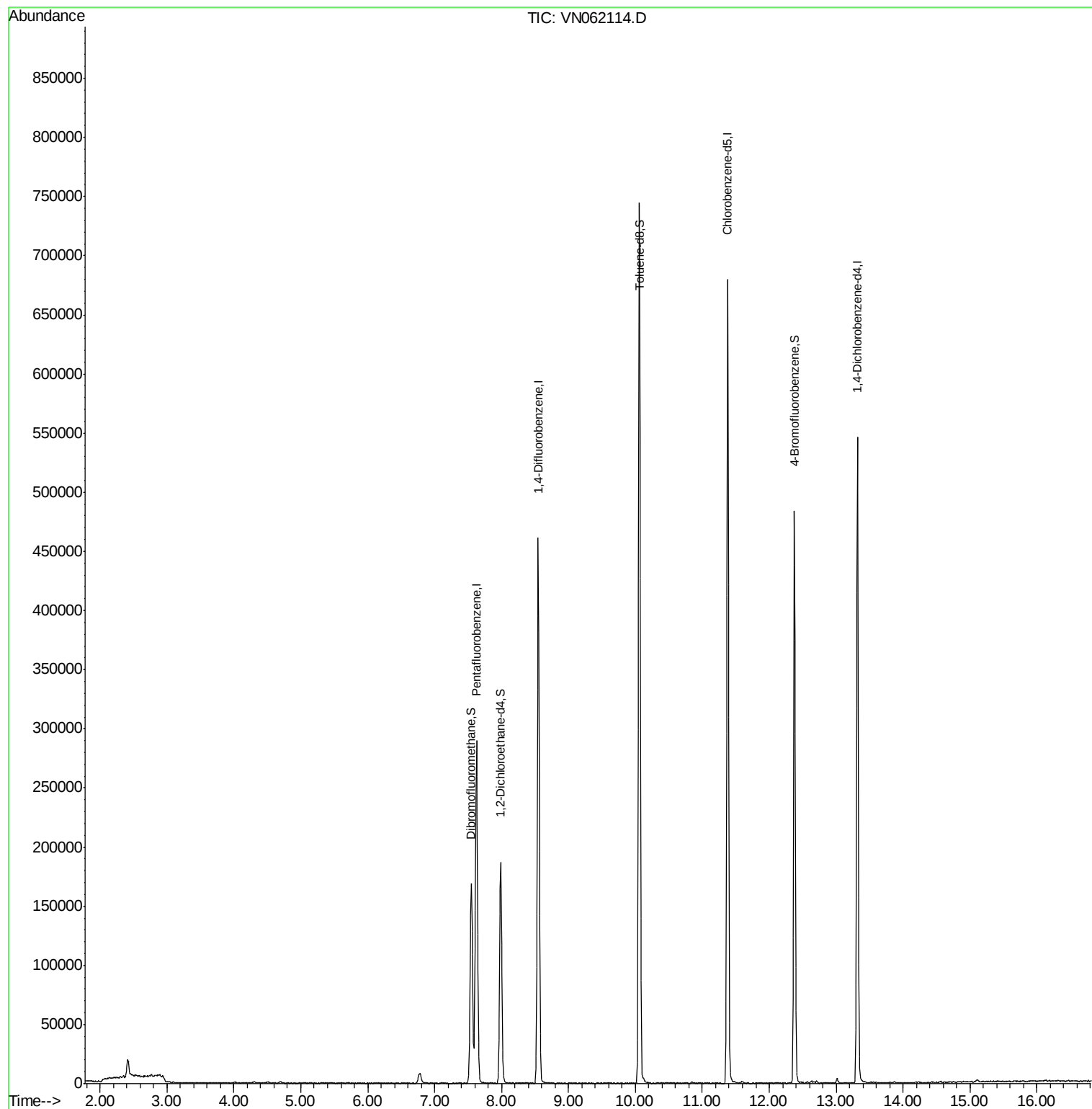
Target Compounds	Qvalue

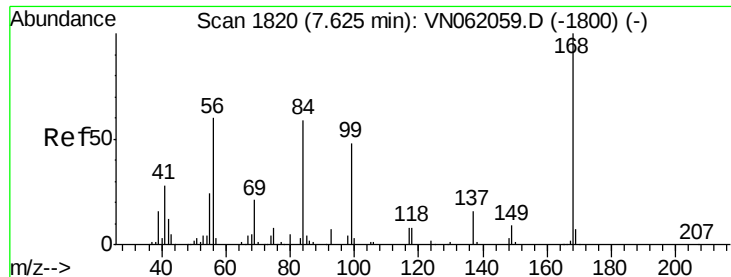
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062114.D

Acq: 25 Jun 2020 16:29

Instrument :

MSVOA_N

ClientSampleId :

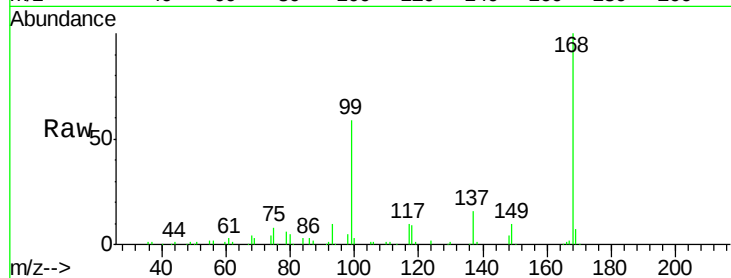
TW-1.5

Tot Ion:168 Resp: 229732

Ion Ratio Lower Upper

168 100

99 59.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

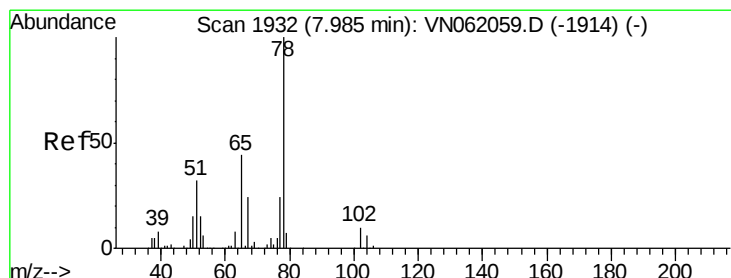
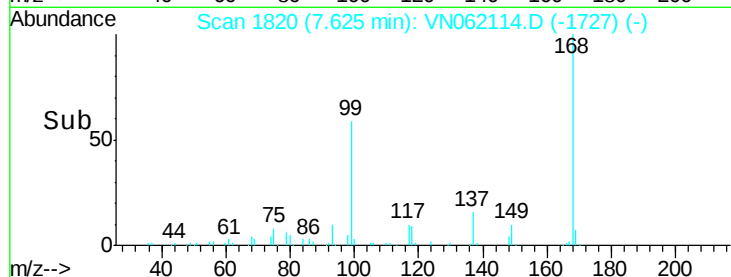
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 48.252 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062114.D

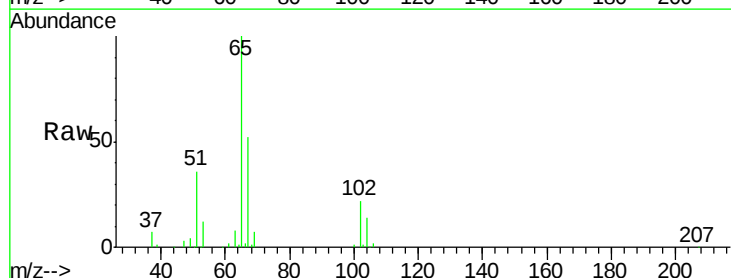
Acq: 25 Jun 2020 16:29

Tgt Ion: 65 Resp: 155559

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

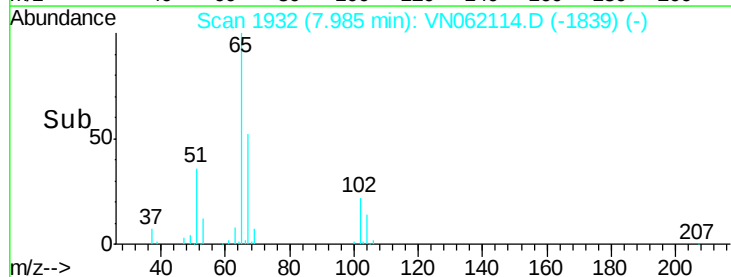
60000

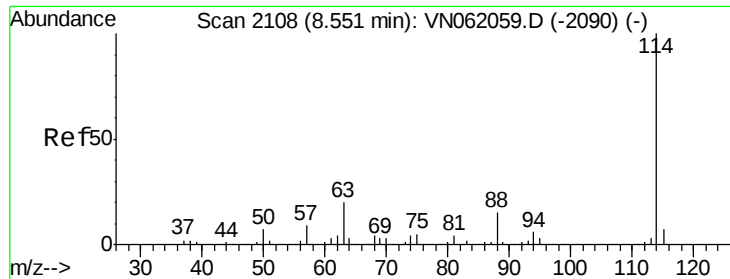
40000

20000

0

Time--> 7.90 8.00 8.10

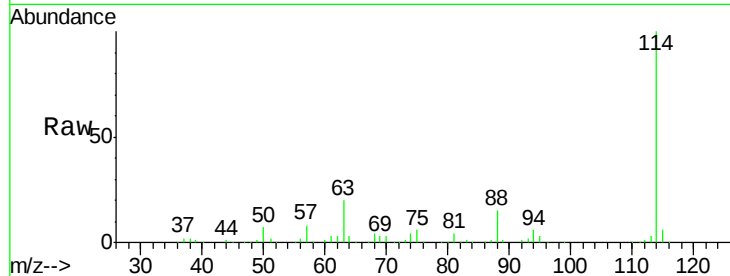




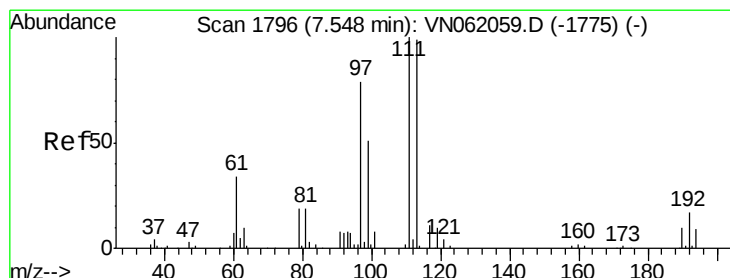
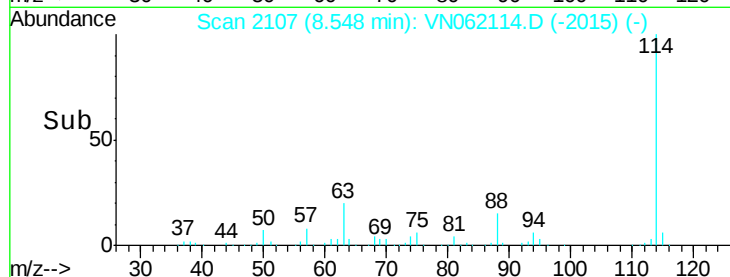
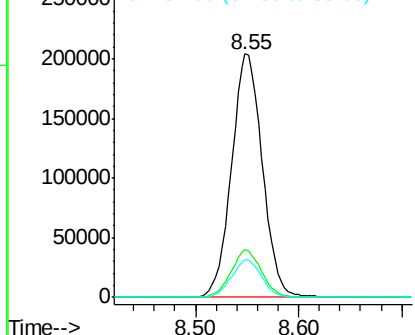
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062114.D
Acq: 25 Jun 2020 16:29

Instrument :
MSVOA_N
ClientSampled :
TW-1.5

Tot Ion:114 Resp: 424742
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 15.3 0.0 30.8

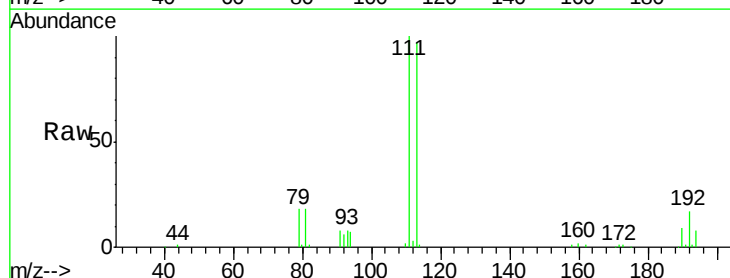


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

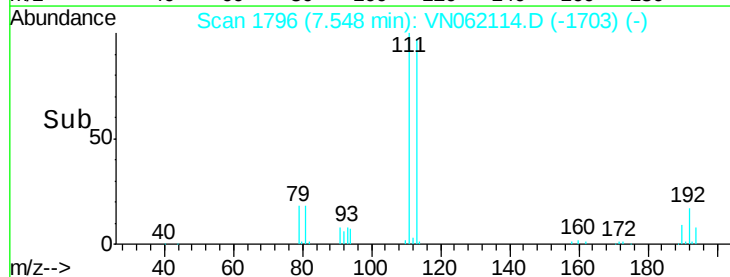
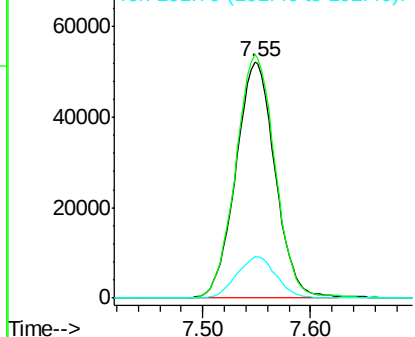


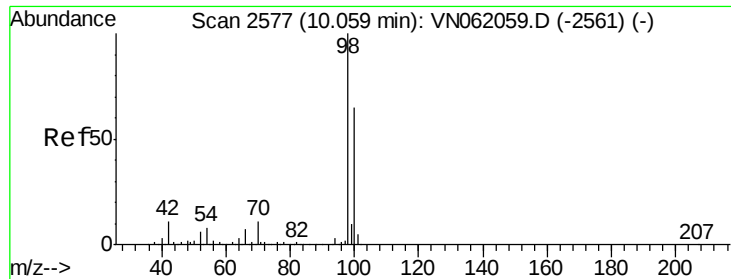
#35
Dibromofluoromethane
Concen: 48.637 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062114.D
Acq: 25 Jun 2020 16:29

Tgt Ion:113 Resp: 132533
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.6 14.0 21.0



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: 48.956 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062114.D

Acq: 25 Jun 2020 16:29

Instrument :

MSVOA_N

ClientSampleId :

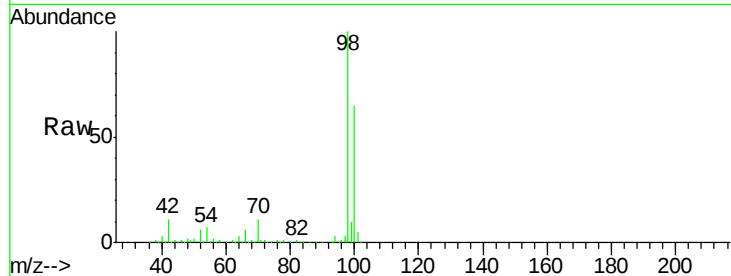
TW-1.5

Tot Ion: 98 Resp: 533248

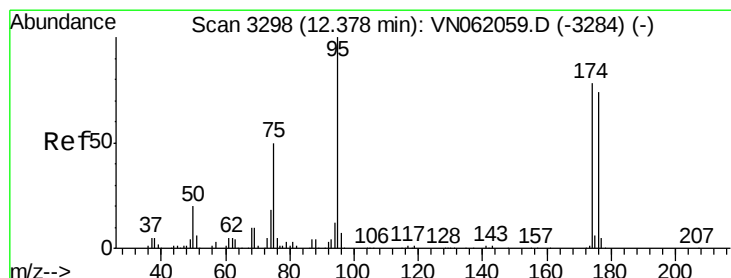
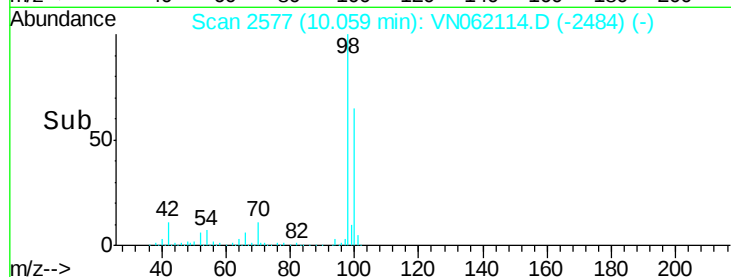
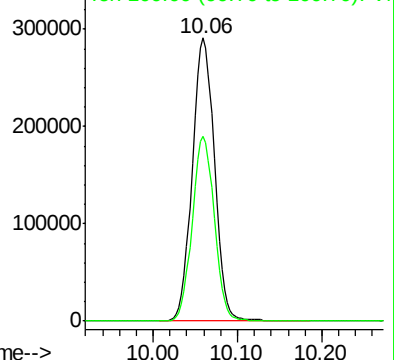
Ion Ratio Lower Upper

98 100

100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062114.D (-2484) (-)



#62

4-Bromofluorobenzene

Concen: 45.838 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062114.D

Acq: 25 Jun 2020 16:29

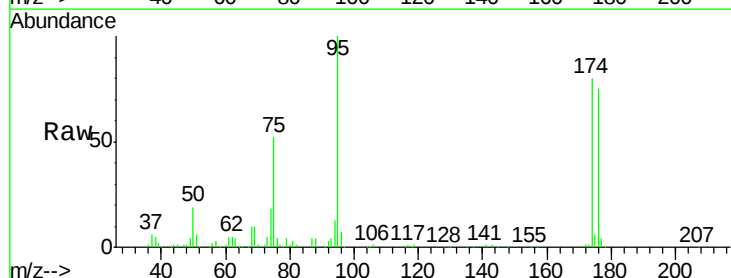
Tgt Ion: 95 Resp: 168688

Ion Ratio Lower Upper

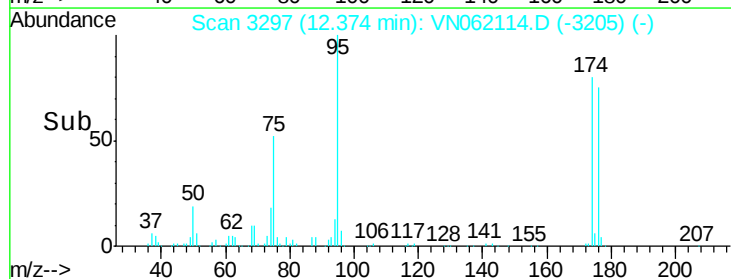
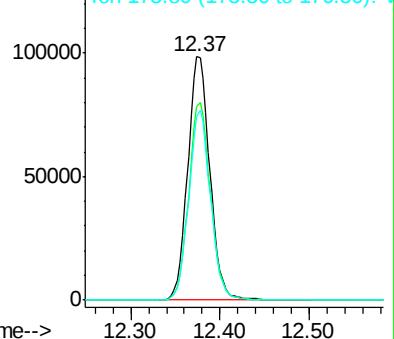
95 100

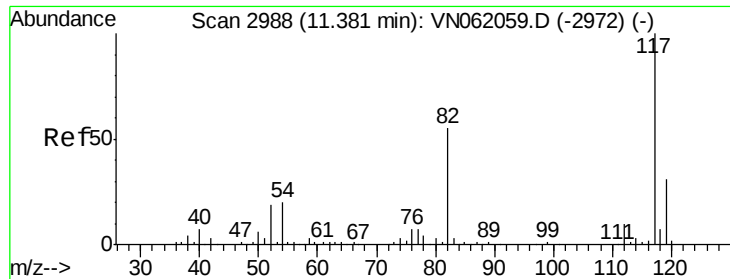
174 80.2 0.0 154.8

176 76.7 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062114.D (-3205) (-)

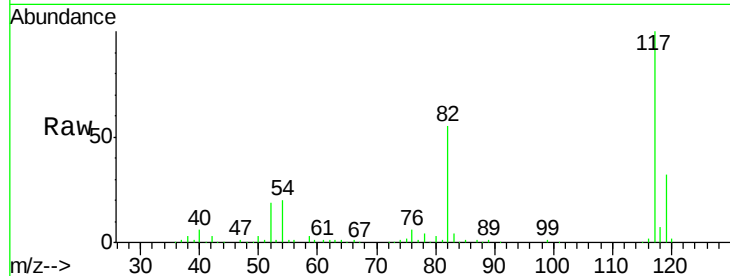




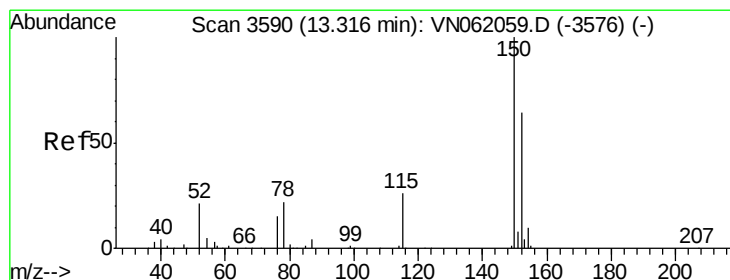
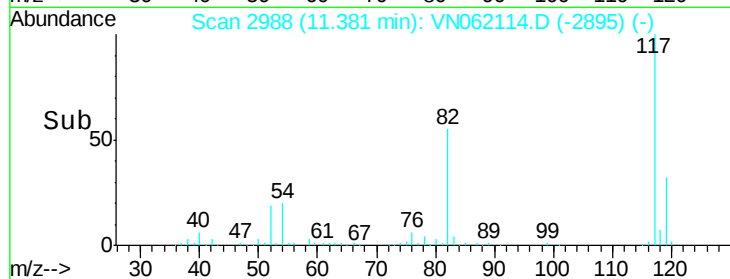
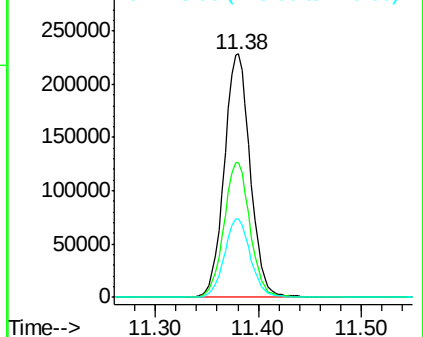
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. -0.00 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1.5

Tot Ion:117 Resp: 399822
 Ion Ratio Lower Upper
 117 100
 82 55.4 43.8 65.8
 119 32.3 25.2 37.8

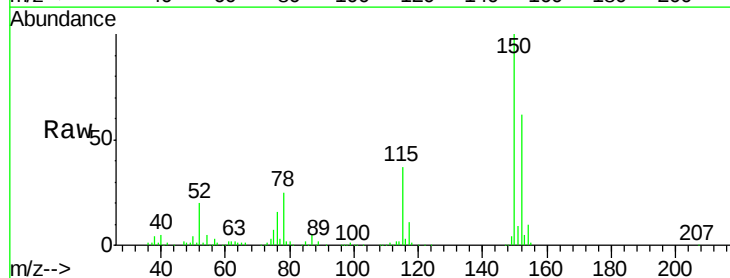


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3591
 Delta R.T. 0.00 min
 Lab File: VN062114.D
 Acq: 25 Jun 2020 16:29

Tgt Ion:152 Resp: 149431
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.5 88.5
 150 159.5 0.0 351.4



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

