

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061970.D
 Acq On : 20 Jun 2020 1:22
 Operator : JC/MD
 Sample : VN0619WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBL02

Quant Time: Jun 22 02:50:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	149328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	276390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101130	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	102027	50.94	ug/l	0.00
Spiked Amount						
			Recovery	=	101.88%	
35) Dibromofluoromethane	7.55	113	87942	49.74	ug/l	0.00
Spiked Amount						
			Recovery	=	99.48%	
50) Toluene-d8	10.06	98	342245	49.23	ug/l	0.00
Spiked Amount						
			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.38	95	113560	47.62	ug/l	0.00
Spiked Amount						
			Recovery	=	95.24%	

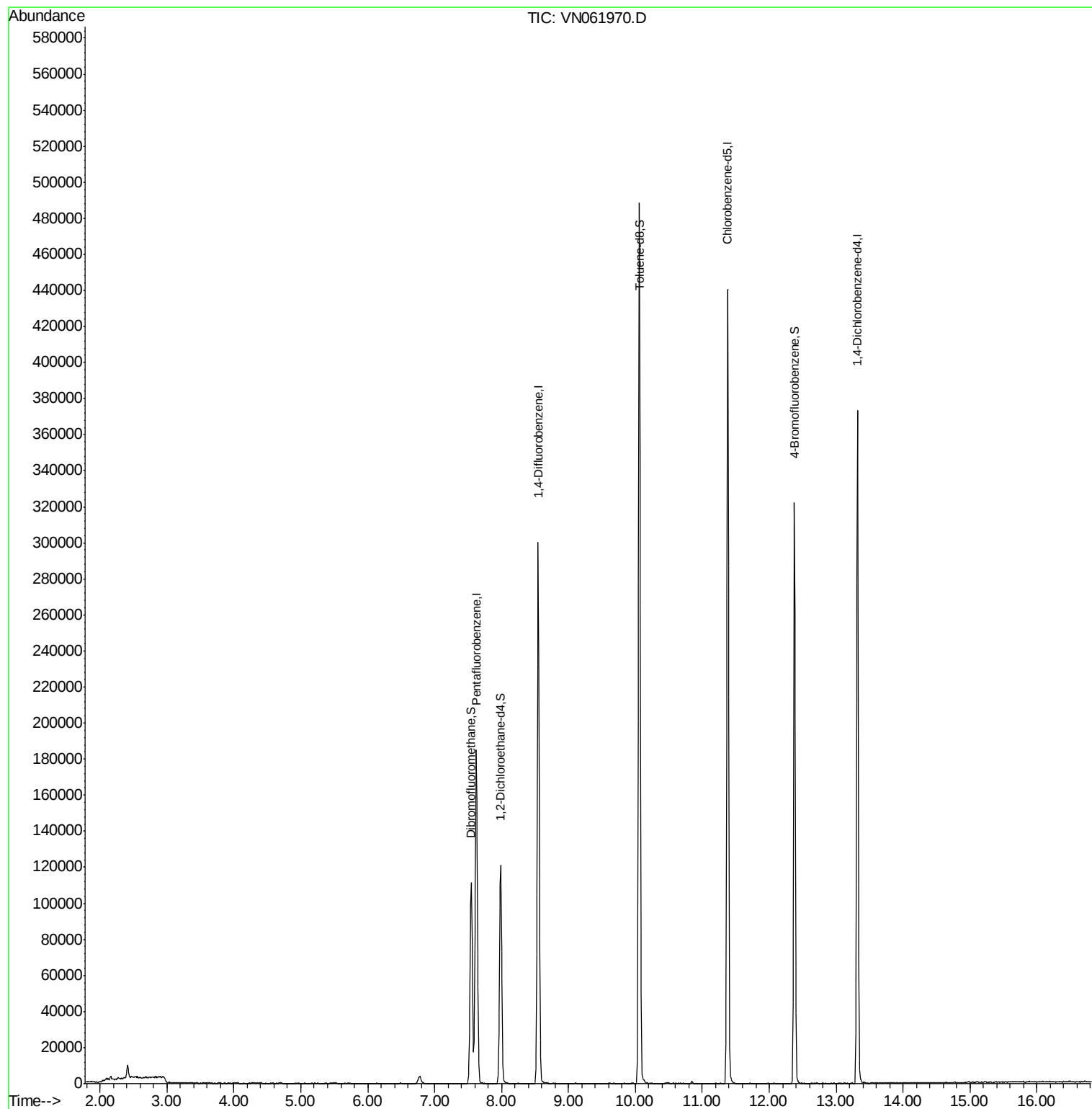
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061970.D

Acq: 20 Jun 2020 1:22

Instrument :

MSVOA_N

ClientSampled :

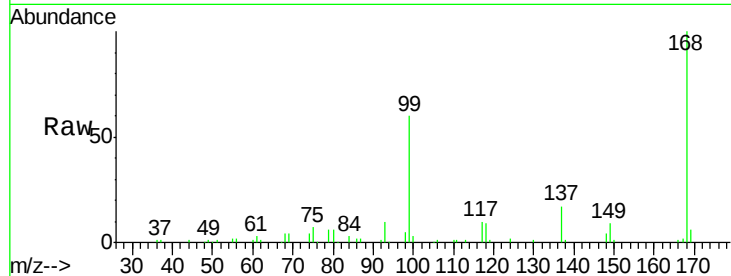
VN0619WBL02

Tot Ion:168 Resp: 149328

Ion Ratio Lower Upper

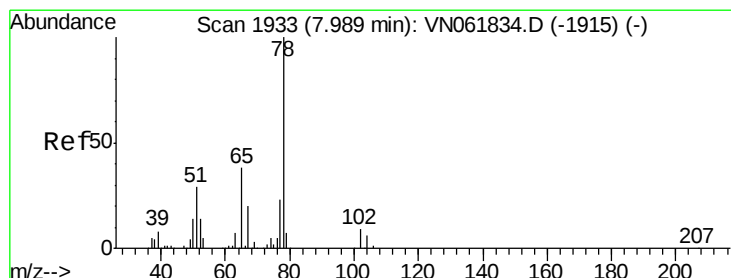
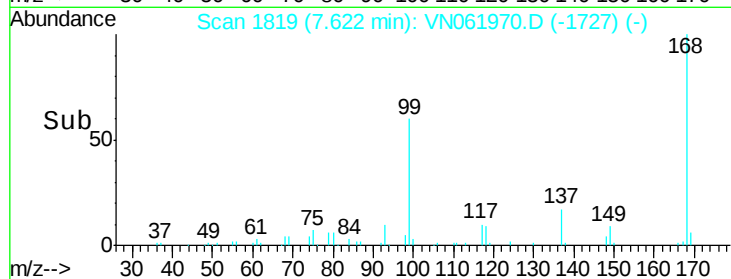
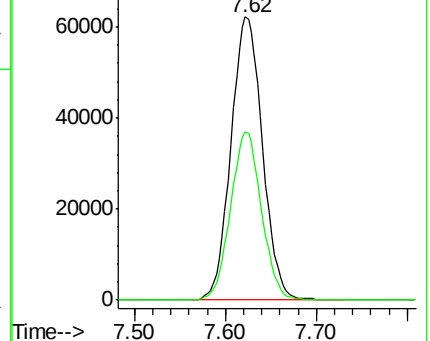
168 100

99 59.6 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.945 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061970.D

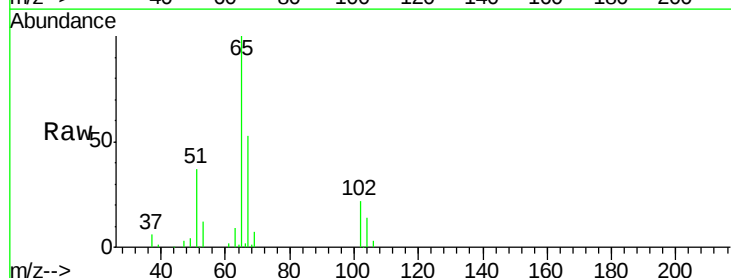
Acq: 20 Jun 2020 1:22

Tgt Ion: 65 Resp: 102027

Ion Ratio Lower Upper

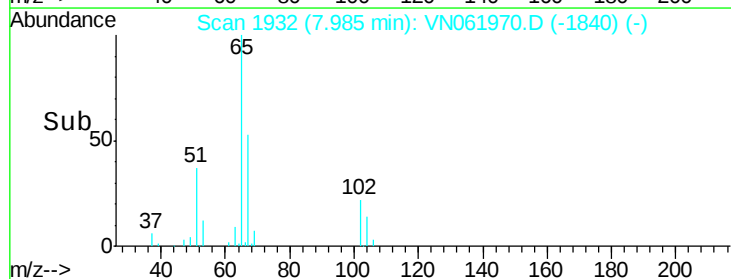
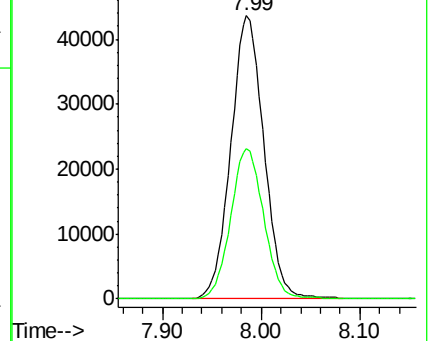
65 100

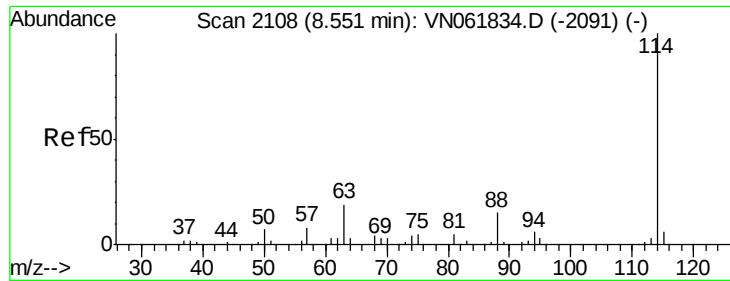
67 53.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

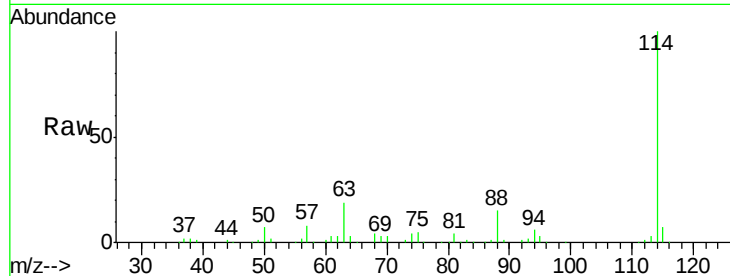




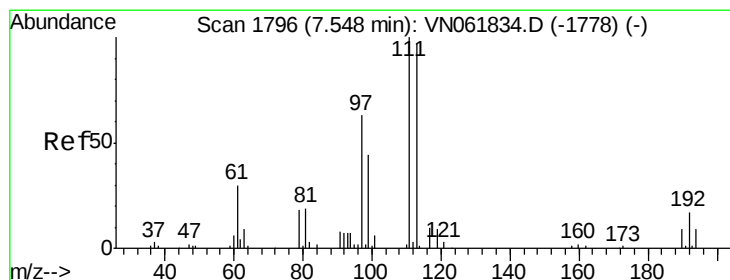
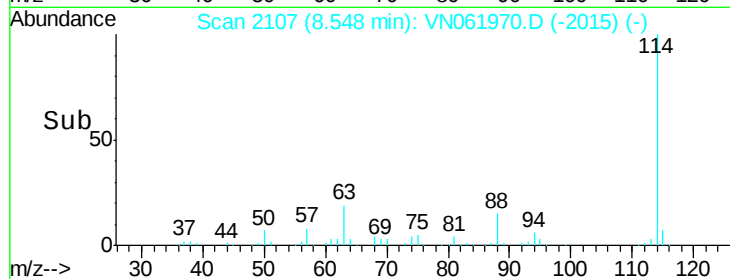
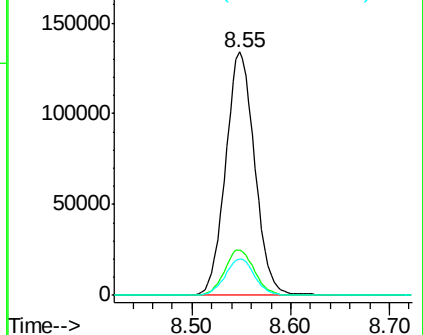
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061970.D
 Acq: 20 Jun 2020 1:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBL02

Tot Ion:114 Resp: 276390
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.6
 88 15.1 0.0 31.0

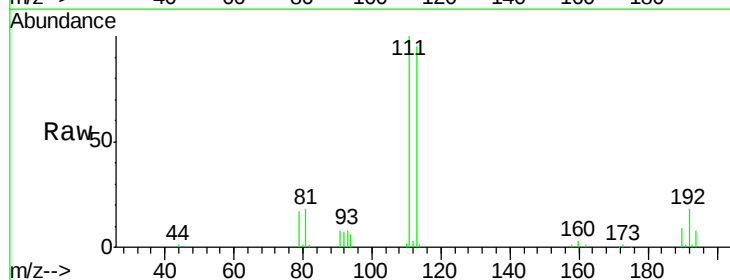


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

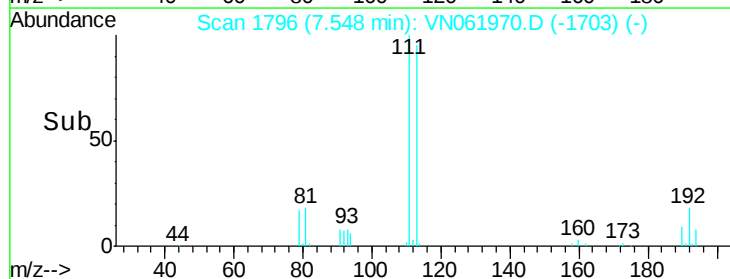
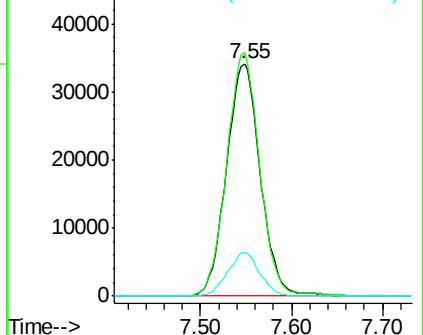


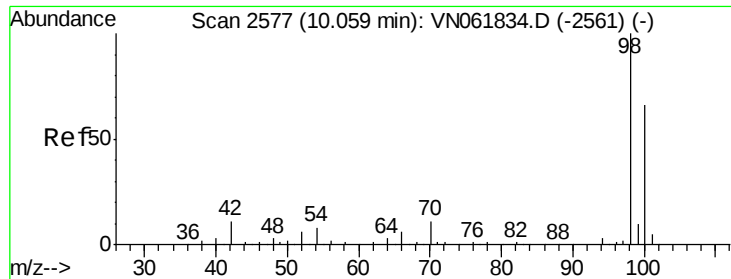
#35
 Dibromofluoromethane
 Concen: 49.735 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061970.D
 Acq: 20 Jun 2020 1:22

Tgt Ion:113 Resp: 87942
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.7 125.5
 192 17.7 13.9 20.9



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: 49.233 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061970.D

Acq: 20 Jun 2020 1:22

Instrument :

MSVOA_N

ClientSampleId :

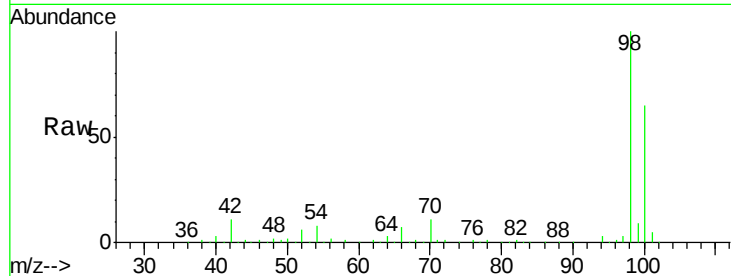
VN0619WBL02

Tot Ion: 98 Resp: 342245

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

200000

150000

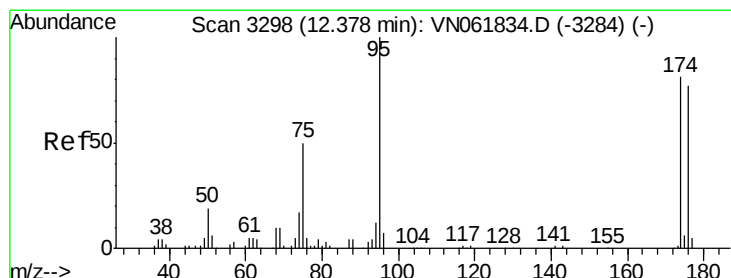
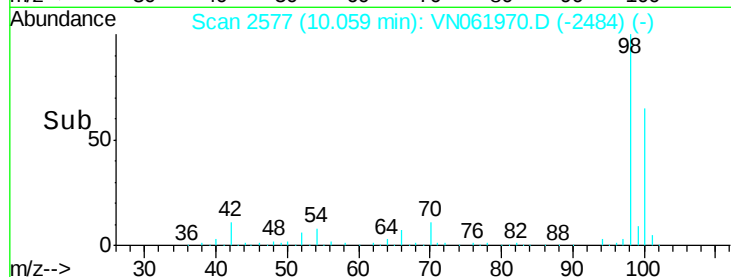
100000

50000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 47.625 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061970.D

Acq: 20 Jun 2020 1:22

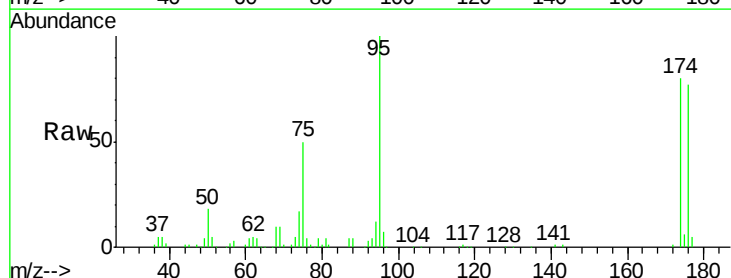
Tgt Ion: 95 Resp: 113560

Ion Ratio Lower Upper

95 100

174 79.1 0.0 158.6

176 76.5 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

12.38

80000

60000

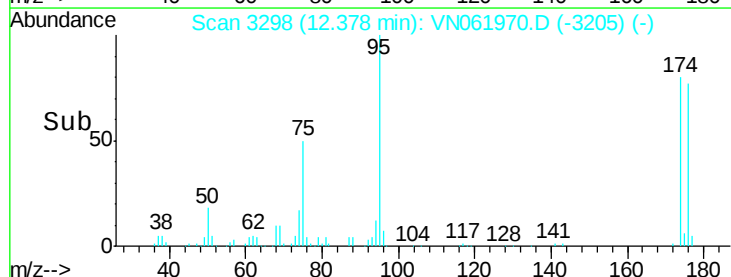
40000

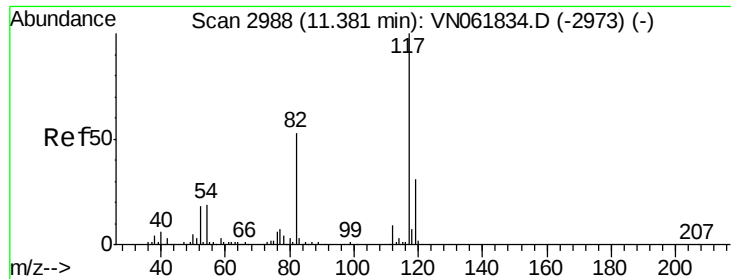
20000

0

12.30 12.40 12.50

Time-->

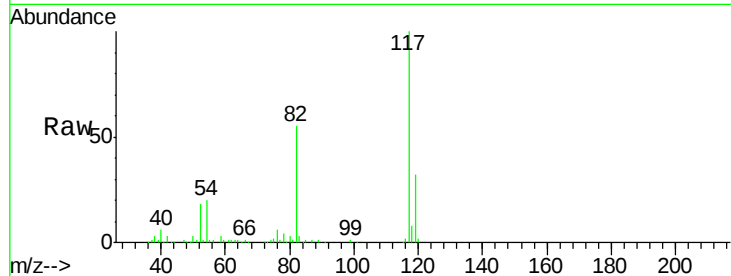




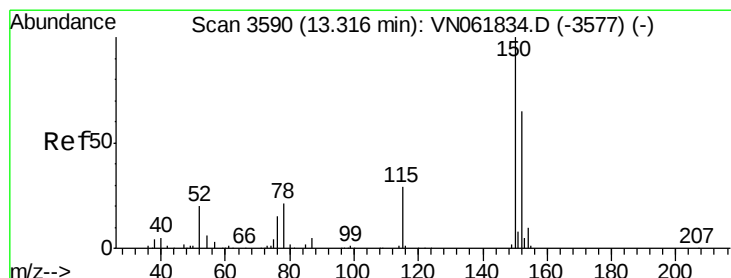
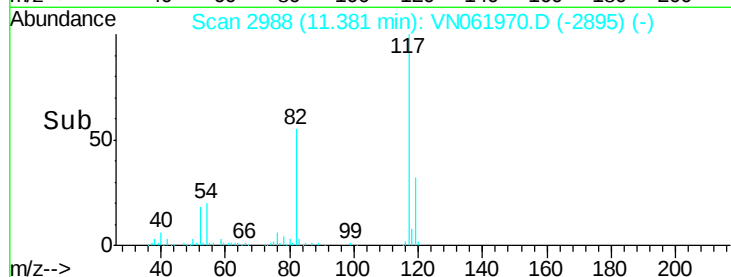
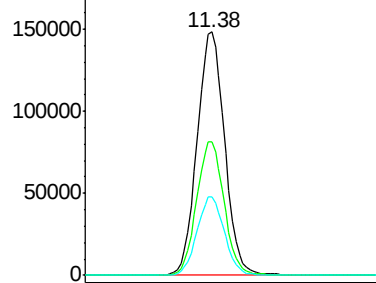
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061970.D
Acq: 20 Jun 2020 1:22

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBL02

Tot Ion:117 Resp: 264259
Ion Ratio Lower Upper
117 100
82 54.7 42.6 64.0
119 32.2 24.7 37.1

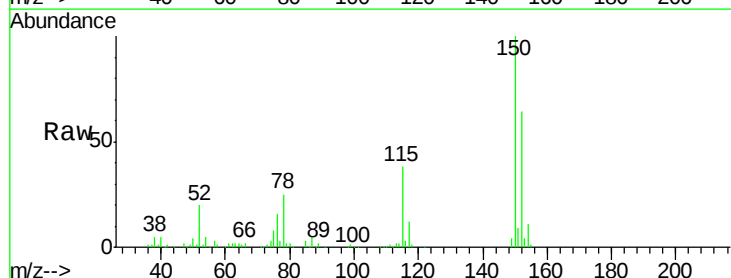


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061970.D
Acq: 20 Jun 2020 1:22

Tgt Ion:152 Resp: 101130
Ion Ratio Lower Upper
152 100
115 59.3 29.1 87.3
150 159.7 0.0 347.6



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

