

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061975.D
 Acq On : 20 Jun 2020 4:27
 Operator : JC/MD
 Sample : L3043-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20200612

Quant Time: Jun 22 13:38:03 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	7.63	168	145083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	263207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	254430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97946	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	96747	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
35) Dibromofluoromethane	7.55	113	85187	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	10.06	98	328176	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.38	95	107631	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	

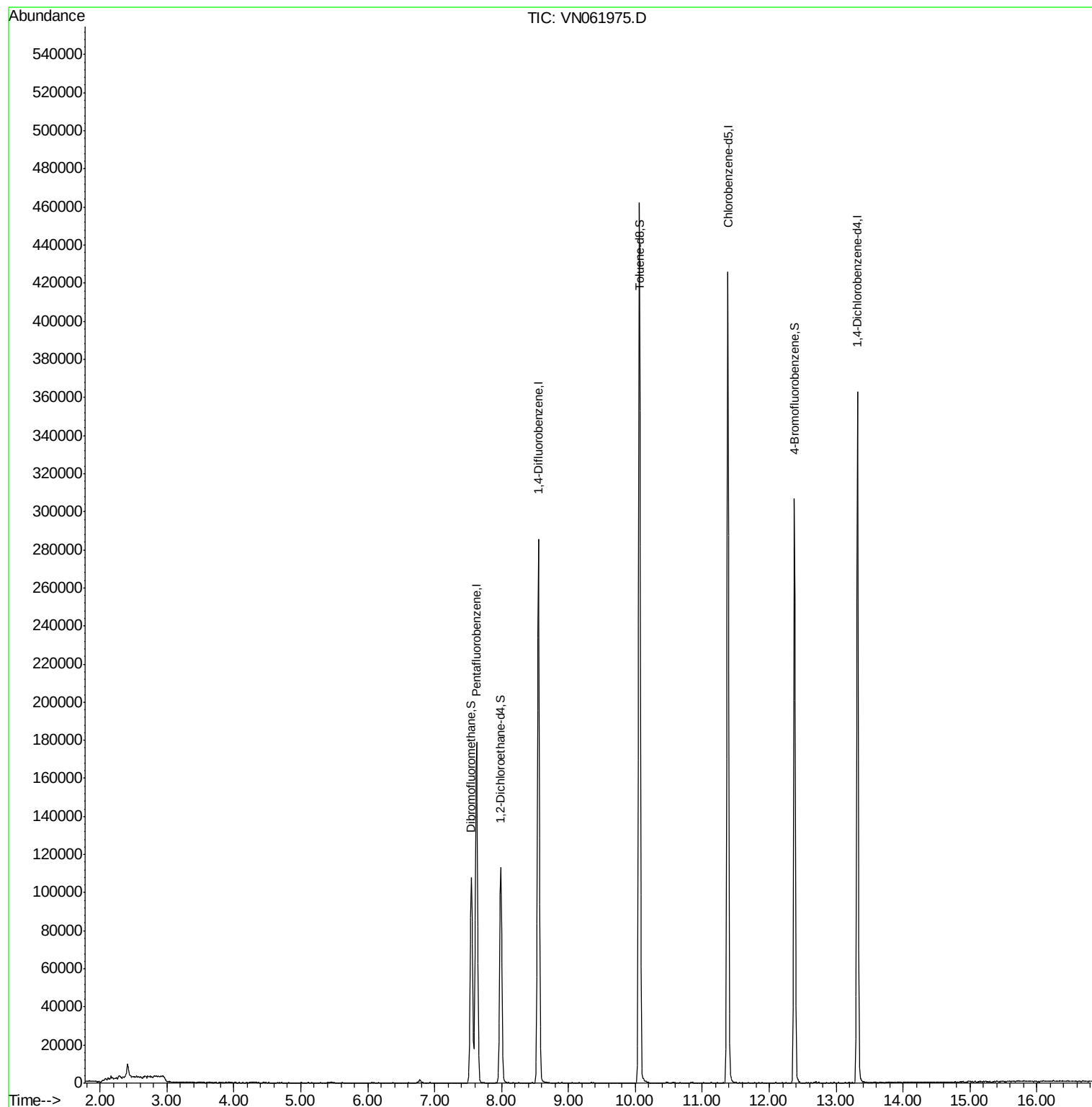
Target Compounds	Qvalue
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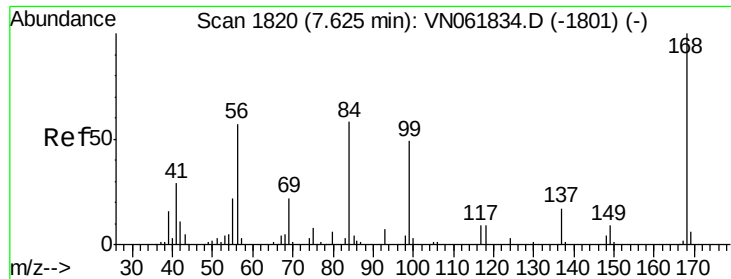
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 17 01:19:44 2020
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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: VN061975.D

Acq: 20 Jun 2020 4:27

Instrument :

MSVOA_N

ClientSampleId :

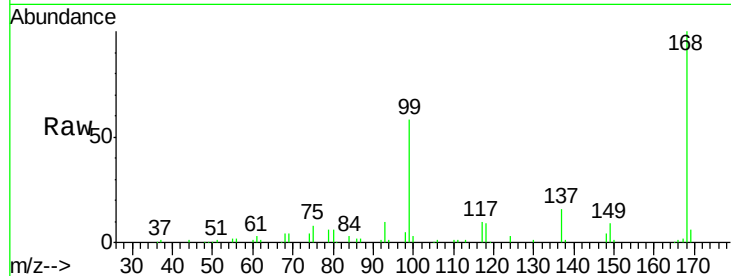
TB-20200612

Tot Ion:168 Resp: 145083

Ion Ratio Lower Upper

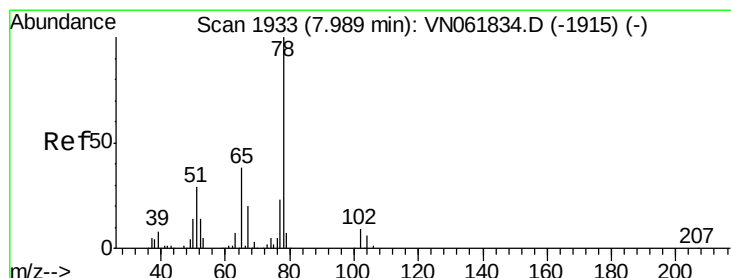
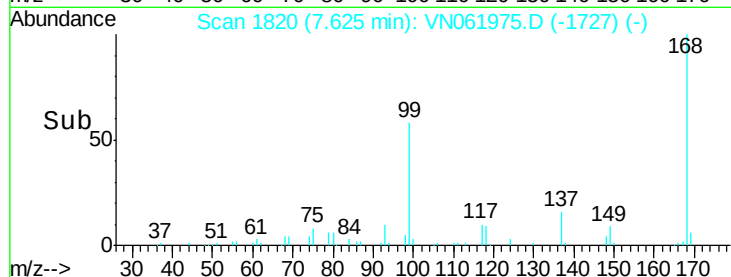
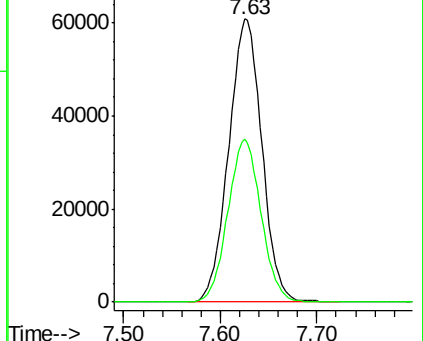
168 100

99 57.8 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: 49.722 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061975.D

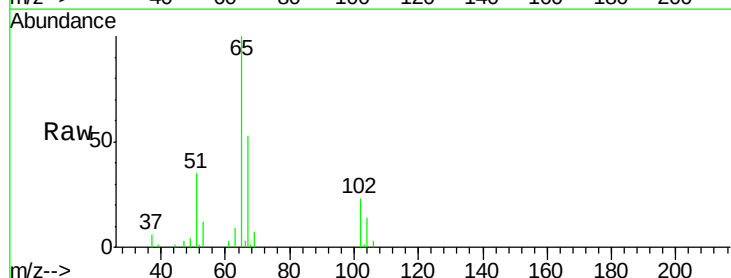
Acq: 20 Jun 2020 4:27

Tgt Ion: 65 Resp: 96747

Ion Ratio Lower Upper

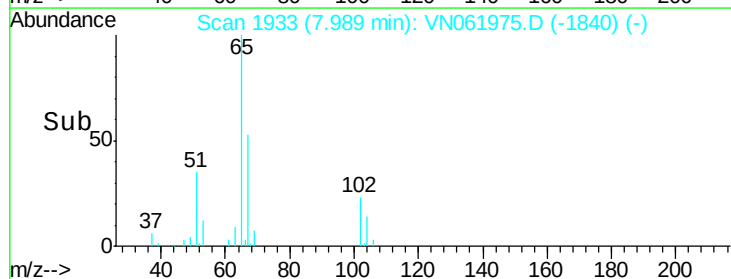
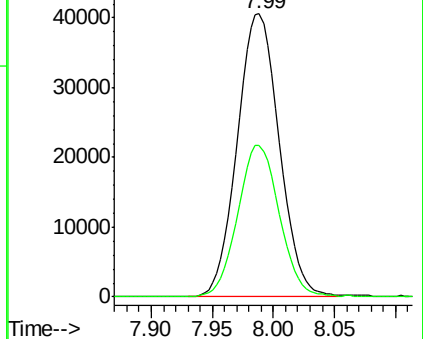
65 100

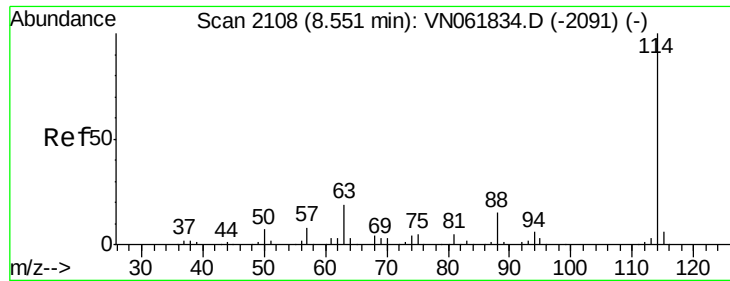
67 53.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

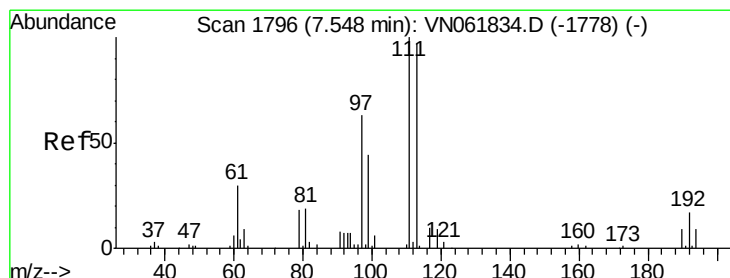
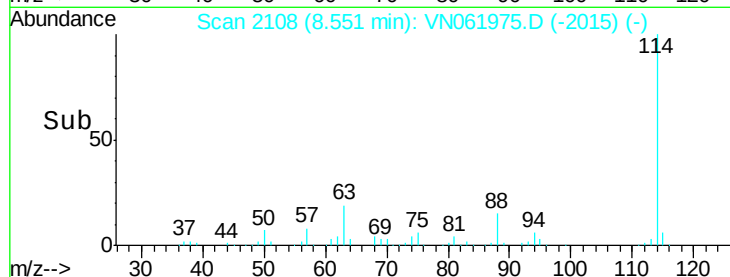
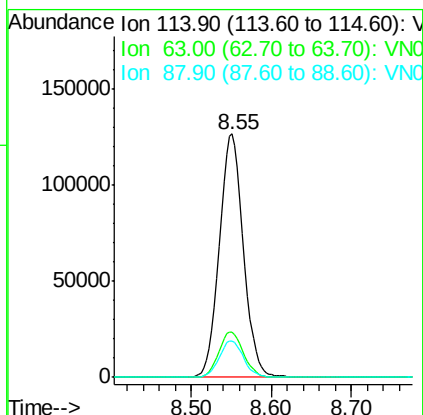
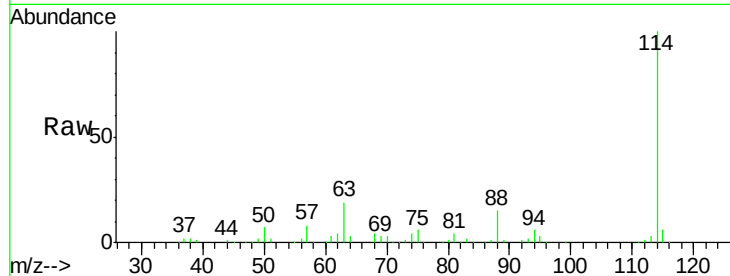




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061975.D
 Acq: 20 Jun 2020 4:27

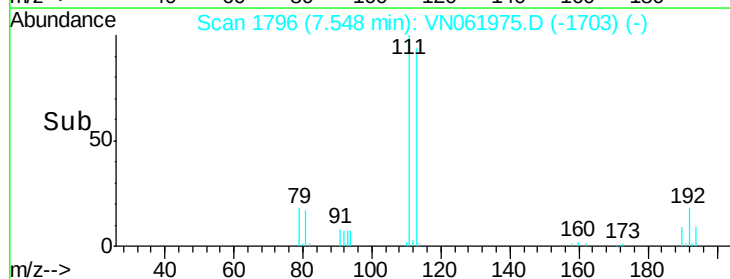
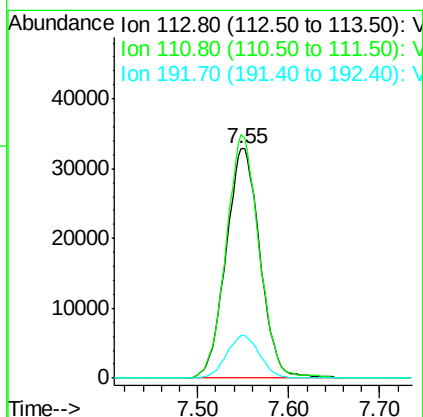
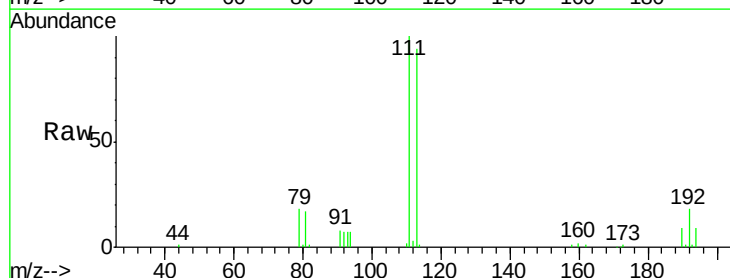
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20200612

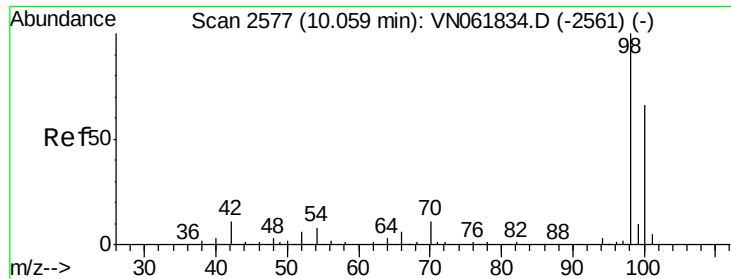
Tot Ion:114 Resp: 263207
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.6
 88 15.1 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 50.590 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061975.D
 Acq: 20 Jun 2020 4:27

Tgt Ion:113 Resp: 85187
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.7 125.5
 192 17.9 13.9 20.9





#50

Toluene-d8

Concen: 49.574 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061975.D

Acq: 20 Jun 2020 4:27

Instrument :

MSVOA_N

ClientSampled :

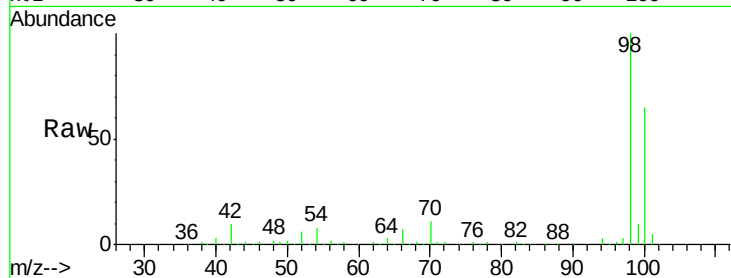
TB-20200612

Tot Ion: 98 Resp: 328176

Ion Ratio Lower Upper

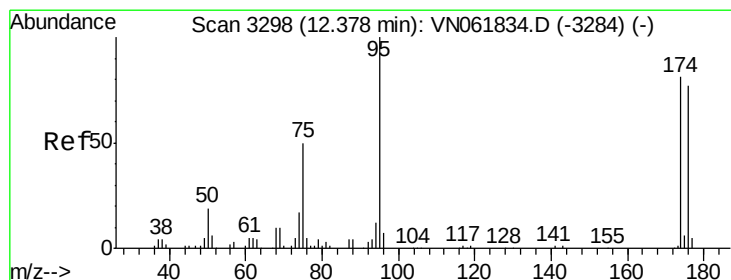
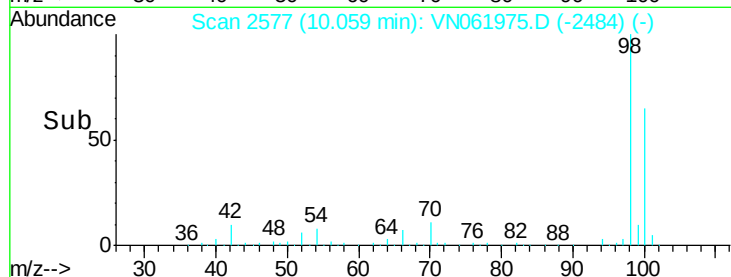
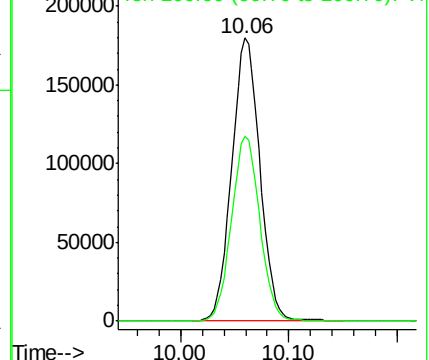
98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.399 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061975.D

Acq: 20 Jun 2020 4:27

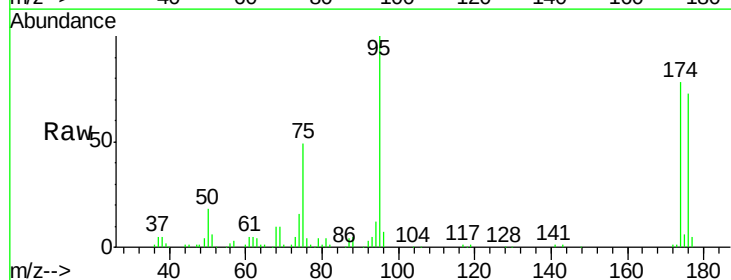
Tgt Ion: 95 Resp: 107631

Ion Ratio Lower Upper

95 100

174 78.6 0.0 158.6

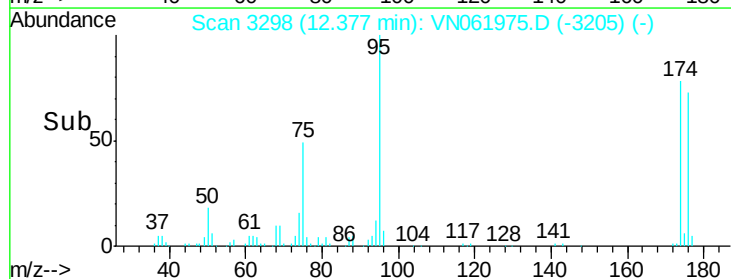
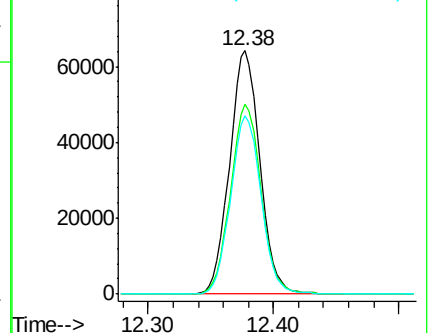
176 73.7 0.0 152.0

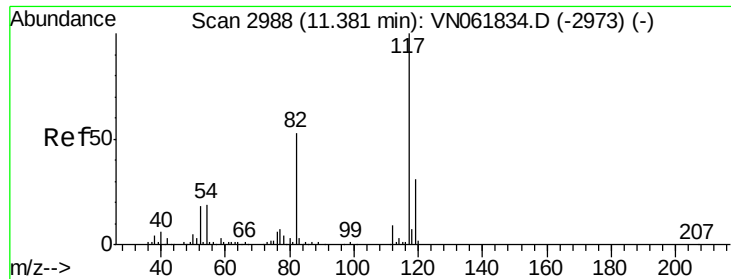


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

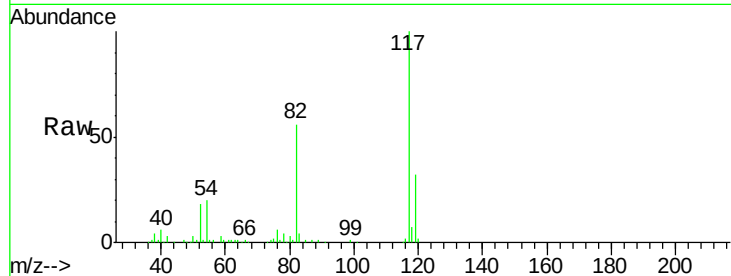




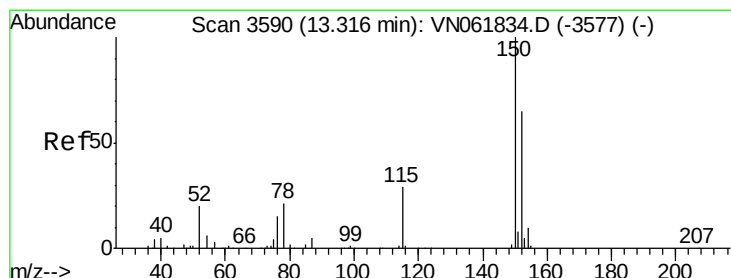
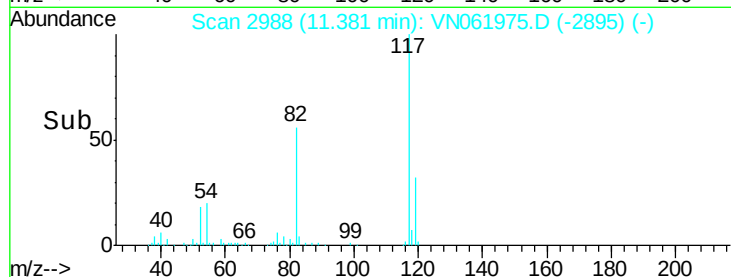
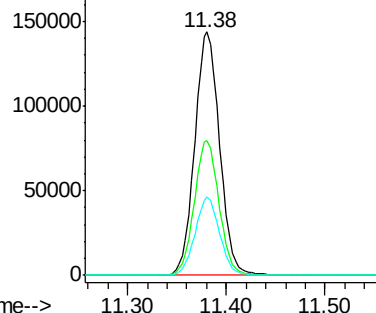
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061975.D
Acq: 20 Jun 2020 4:27

Instrument :
MSVOA_N
ClientSampleId :
TB-20200612

Tot Ion:117 Resp: 254430
Ion Ratio Lower Upper
117 100
82 55.6 42.6 64.0
119 32.3 24.7 37.1

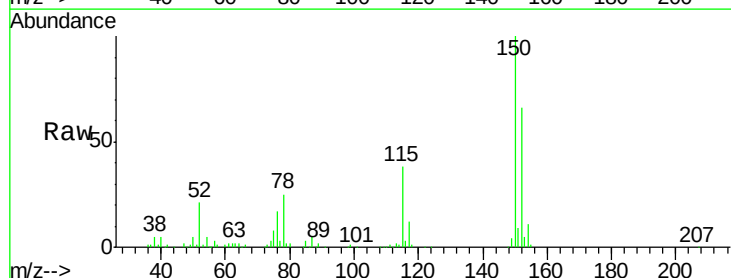


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061975.D
Acq: 20 Jun 2020 4:27

Tgt Ion:152 Resp: 97946
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 153.9 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

