

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061310.D
 Acq On : 6 May 2020 15:26
 Operator : JC/MD
 Sample : PB128668TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128668TB

Quant Time: May 07 09:03:58 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

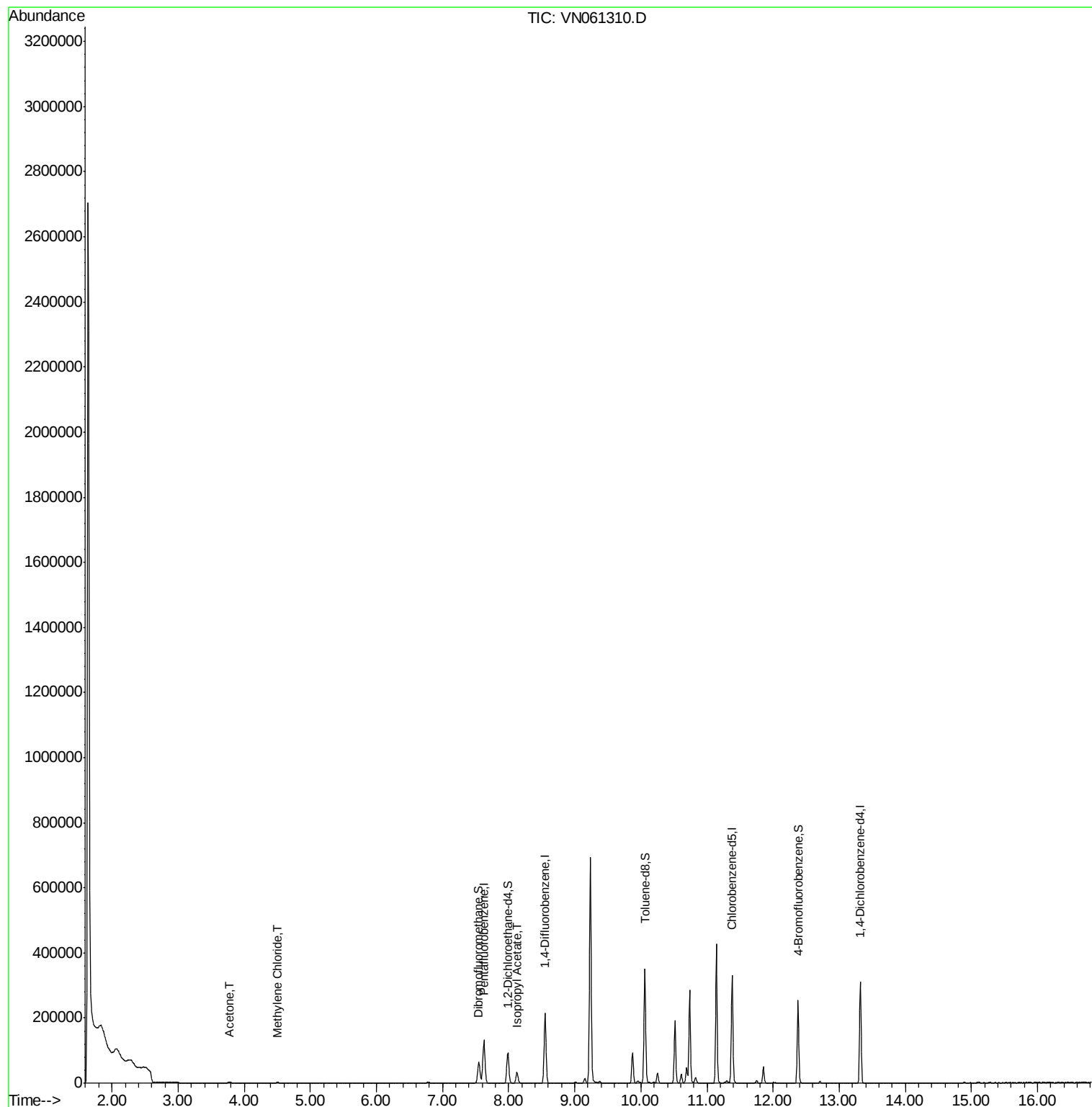
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	99007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	178749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	176327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	76492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	82049	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
35) Dibromofluoromethane	7.55	113	49201	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	10.06	98	227017	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.38	95	85958	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
Target Compounds						
16) Acetone	3.78	43	7217	6.531	ug/l	98
20) Methylene Chloride	4.50	84	1410	1.154	ug/l #	76
43) Isopropyl Acetate	8.13	43	39740	11.415	ug/l #	90

(#) = 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: VN061310.D

Acq: 6 May 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

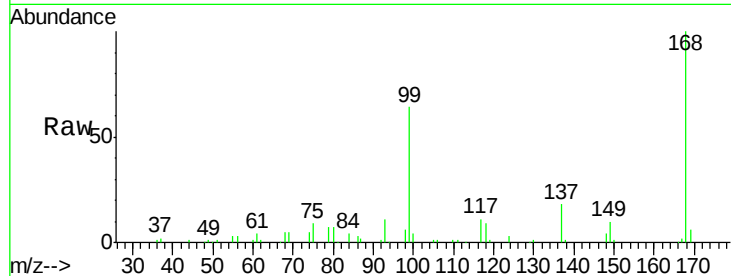
PB128668TB

Tot Ion:168 Resp: 99007

Ion Ratio Lower Upper

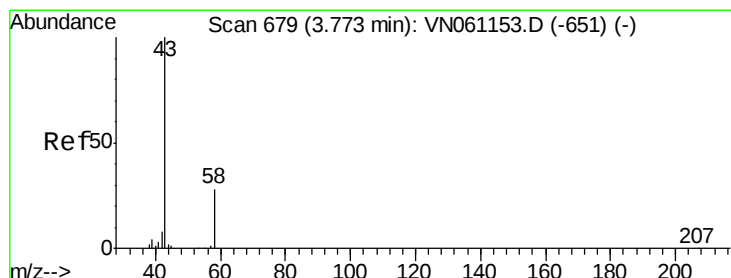
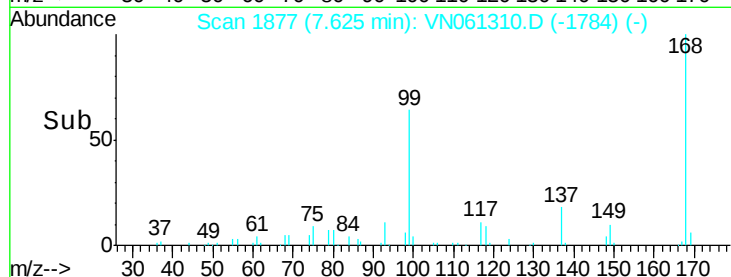
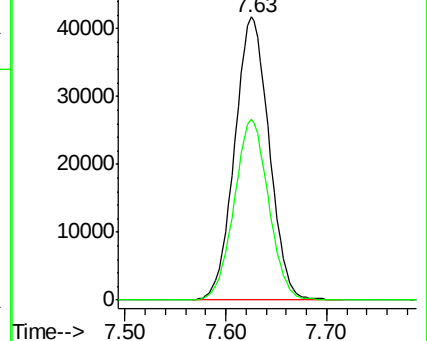
168 100

99 63.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.531 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061310.D

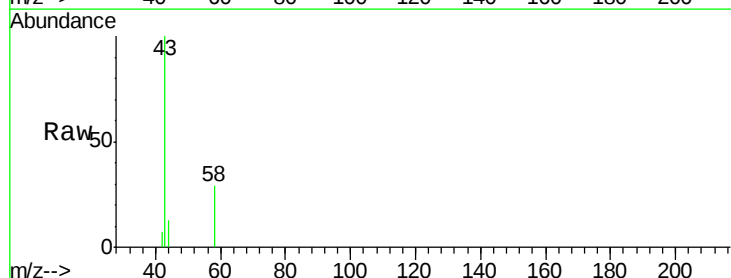
Acq: 6 May 2020 15:26

Tgt Ion: 43 Resp: 7217

Ion Ratio Lower Upper

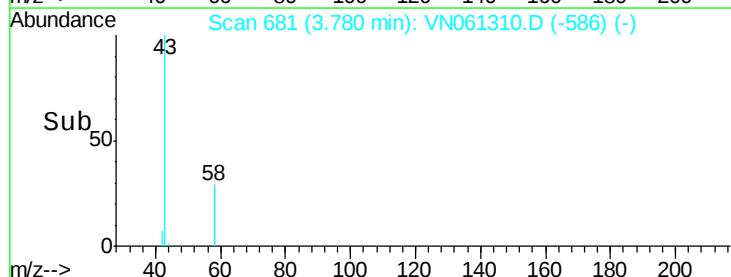
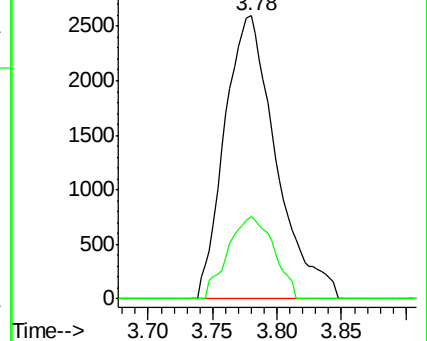
43 100

58 28.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 1.154 ug/l

RT: 4.50 min Scan# 904

Delta R.T. -0.00 min

Lab File: VN061310.D

Acq: 6 May 2020 15:26

Instrument :

MSVOA_N

ClientSampled :

PB128668TB

Tot Ion: 84 Resp: 1410

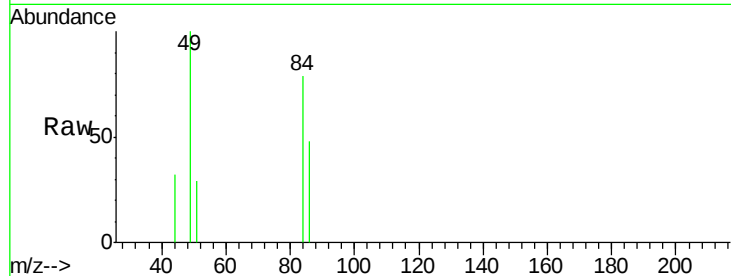
Ion Ratio Lower Upper

84 100

49 94.9 112.0 168.0#

51 37.0 33.6 50.4

86 61.1 52.1 78.1

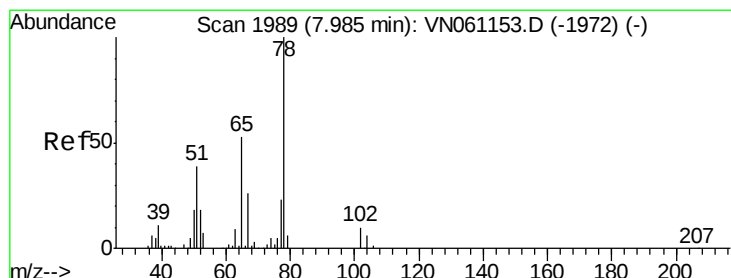
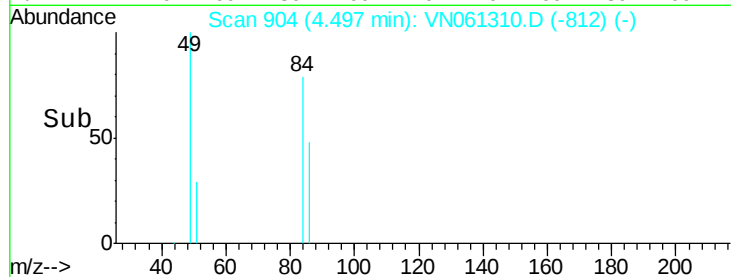
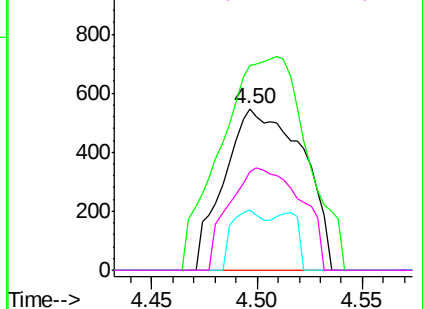


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.374 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061310.D

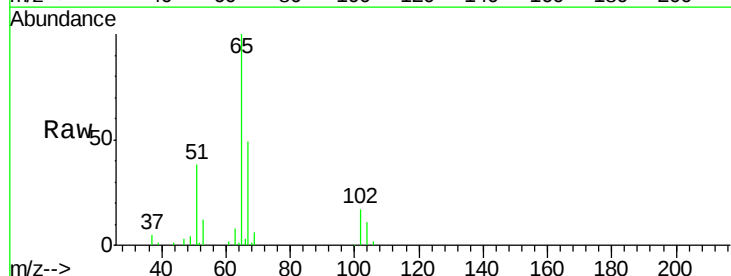
Acq: 6 May 2020 15:26

Tgt Ion: 65 Resp: 82049

Ion Ratio Lower Upper

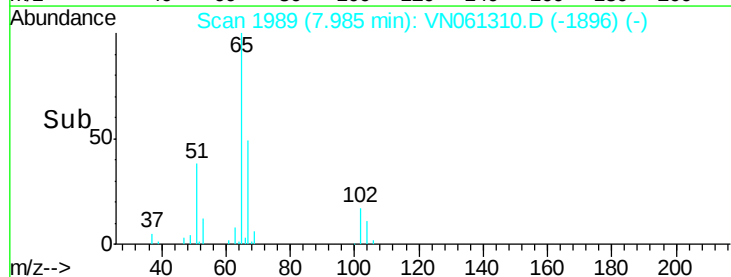
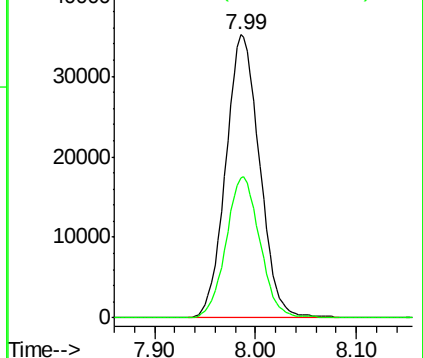
65 100

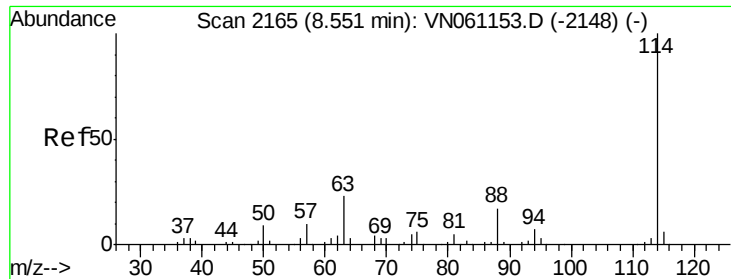
67 49.6 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

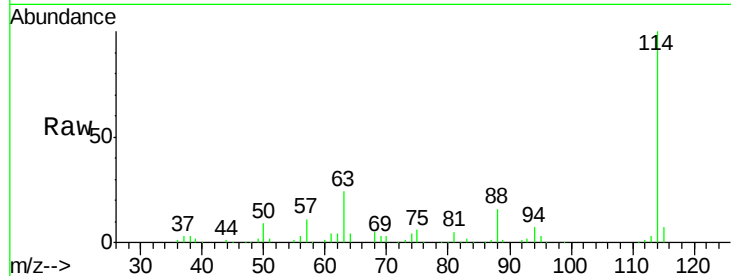




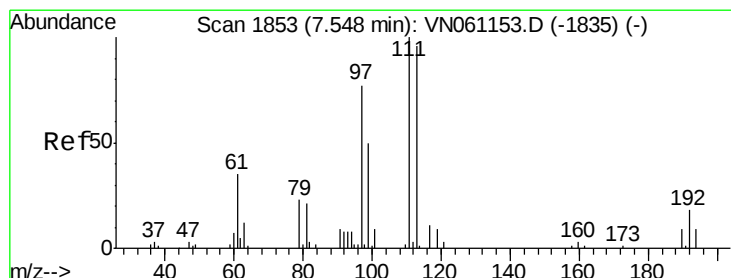
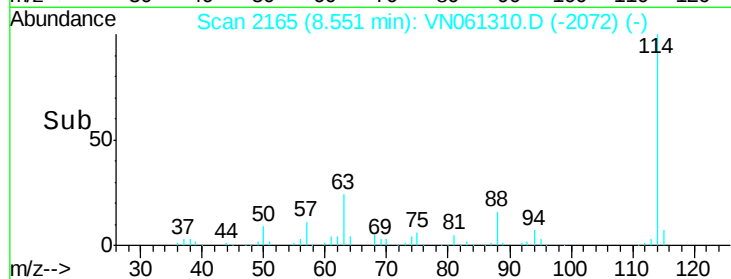
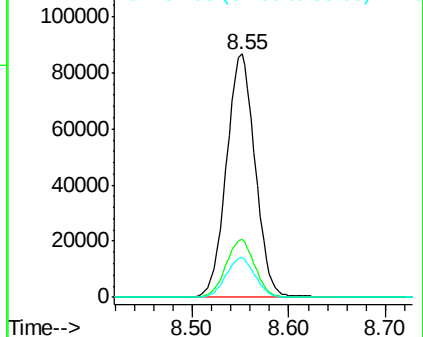
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061310.D
 Acq: 6 May 2020 15:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB128668TB

Tot Ion:114 Resp: 178749
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.6
 88 16.4 0.0 33.4

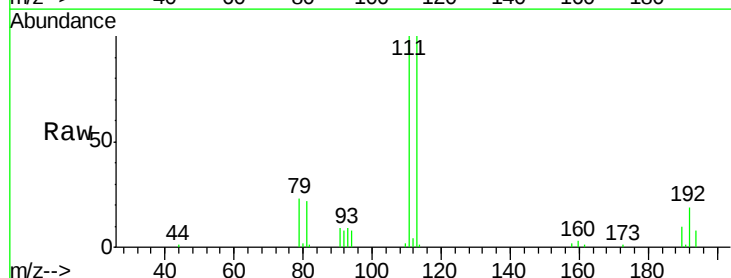


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

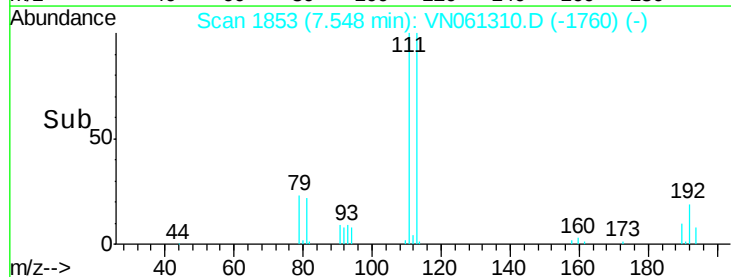
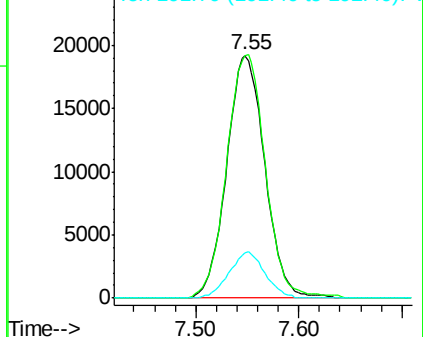


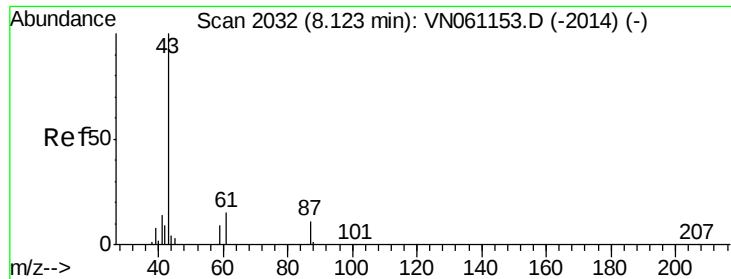
#35
 Dibromofluoromethane
 Concen: 46.548 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061310.D
 Acq: 6 May 2020 15:26

Tgt Ion:113 Resp: 49201
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 17.9 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





#43

Isopropyl Acetate

Concen: 11.415 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061310.D

Acq: 6 May 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB128668TB

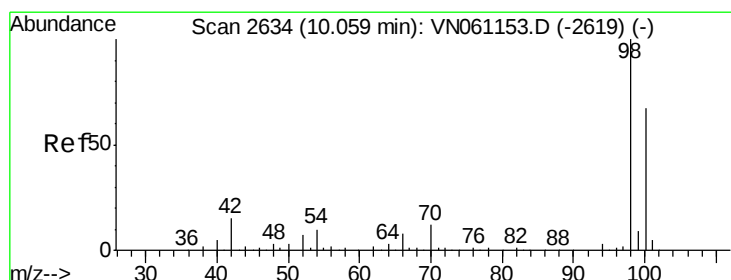
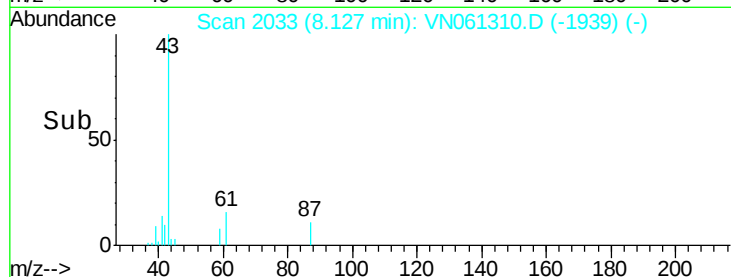
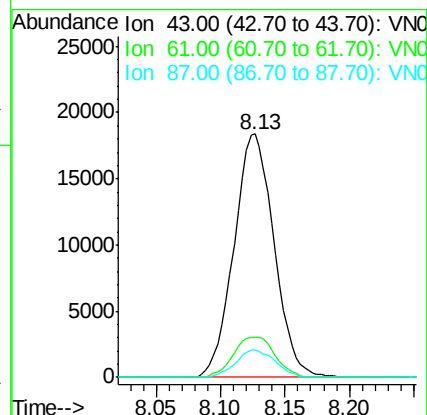
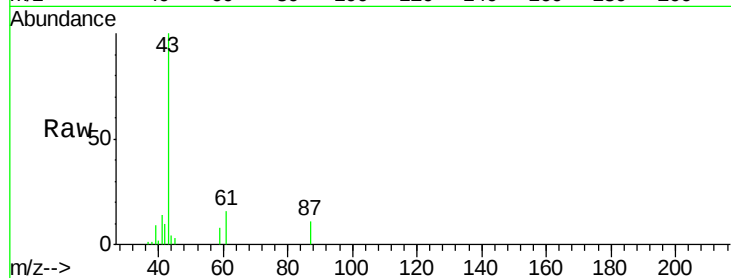
Tot Ion: 43 Resp: 39740

Ion Ratio Lower Upper

43 100

61 17.2 19.5 29.3#

87 10.9 8.9 13.3



#50

Toluene-d8

Concen: 52.687 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061310.D

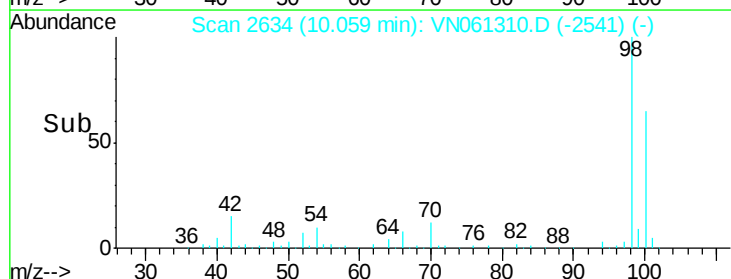
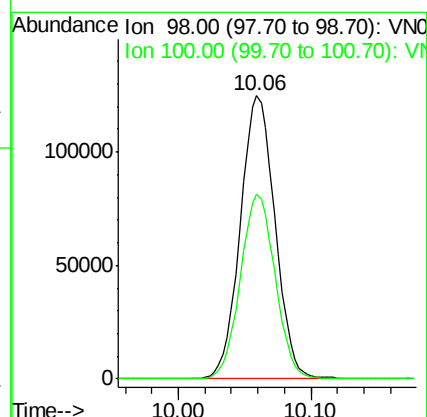
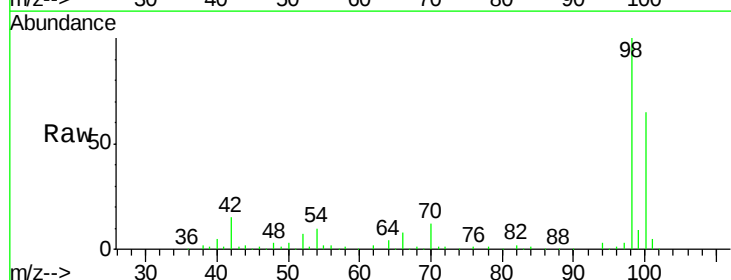
Acq: 6 May 2020 15:26

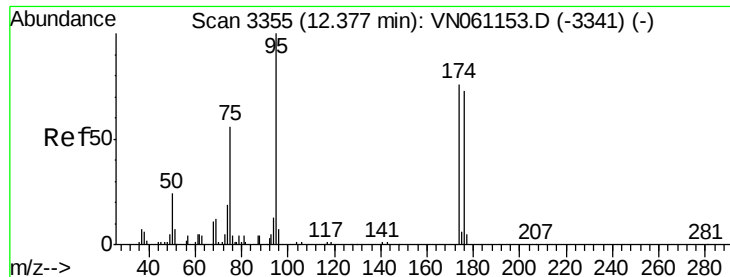
Tgt Ion: 98 Resp: 227017

Ion Ratio Lower Upper

98 100

100 65.4 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 53.012 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061310.D

Acq: 6 May 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB128668TB

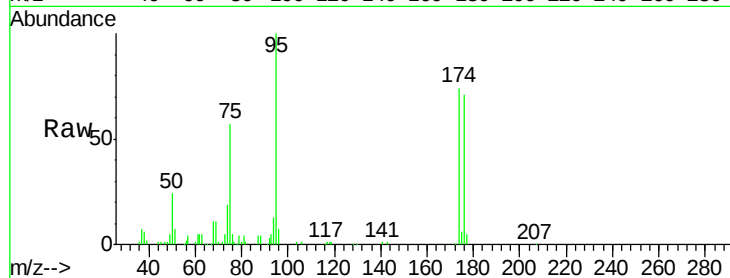
Tot Ion: 95 Resp: 85958

Ion Ratio Lower Upper

95 100

174 73.0 0.0 149.4

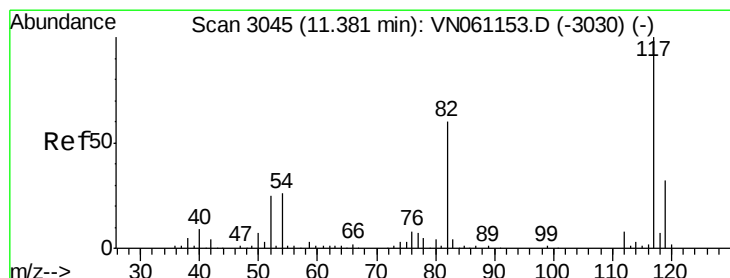
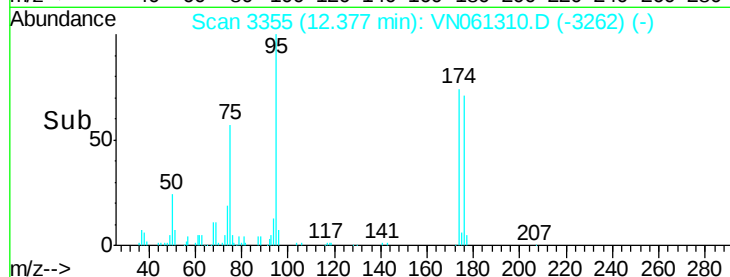
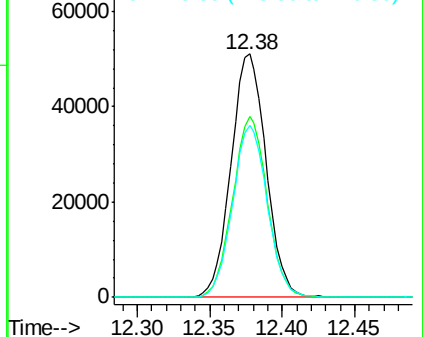
176 70.0 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061310.D

Acq: 6 May 2020 15:26

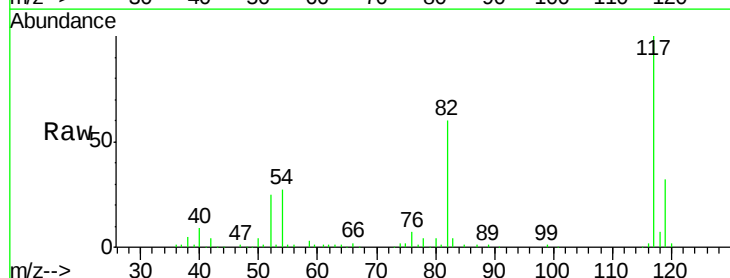
Tgt Ion: 117 Resp: 176327

Ion Ratio Lower Upper

117 100

82 60.2 47.8 71.8

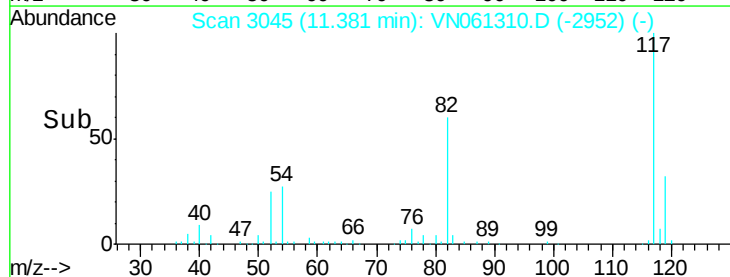
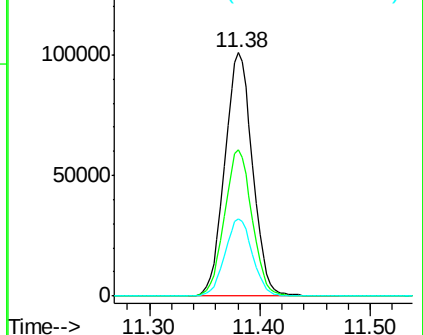
119 31.6 25.8 38.6

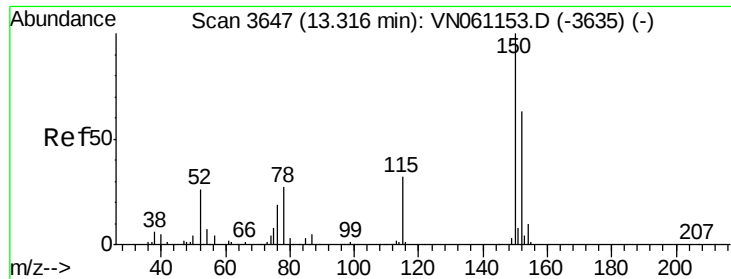


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061310.D

Acq: 6 May 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB128668TB

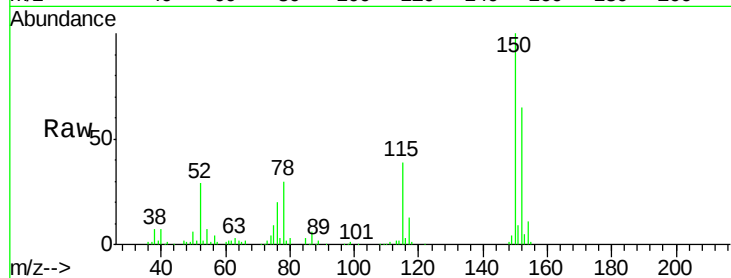
Tot Ion:152 Resp: 76492

Ion Ratio Lower Upper

152 100

115 62.3 31.0 93.0

150 156.0 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

