

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060920.D
 Acq On : 13 Apr 2020 23:58
 Operator : JC/MD
 Sample : L2201-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-SUB

Quant Time: Apr 14 08:12:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

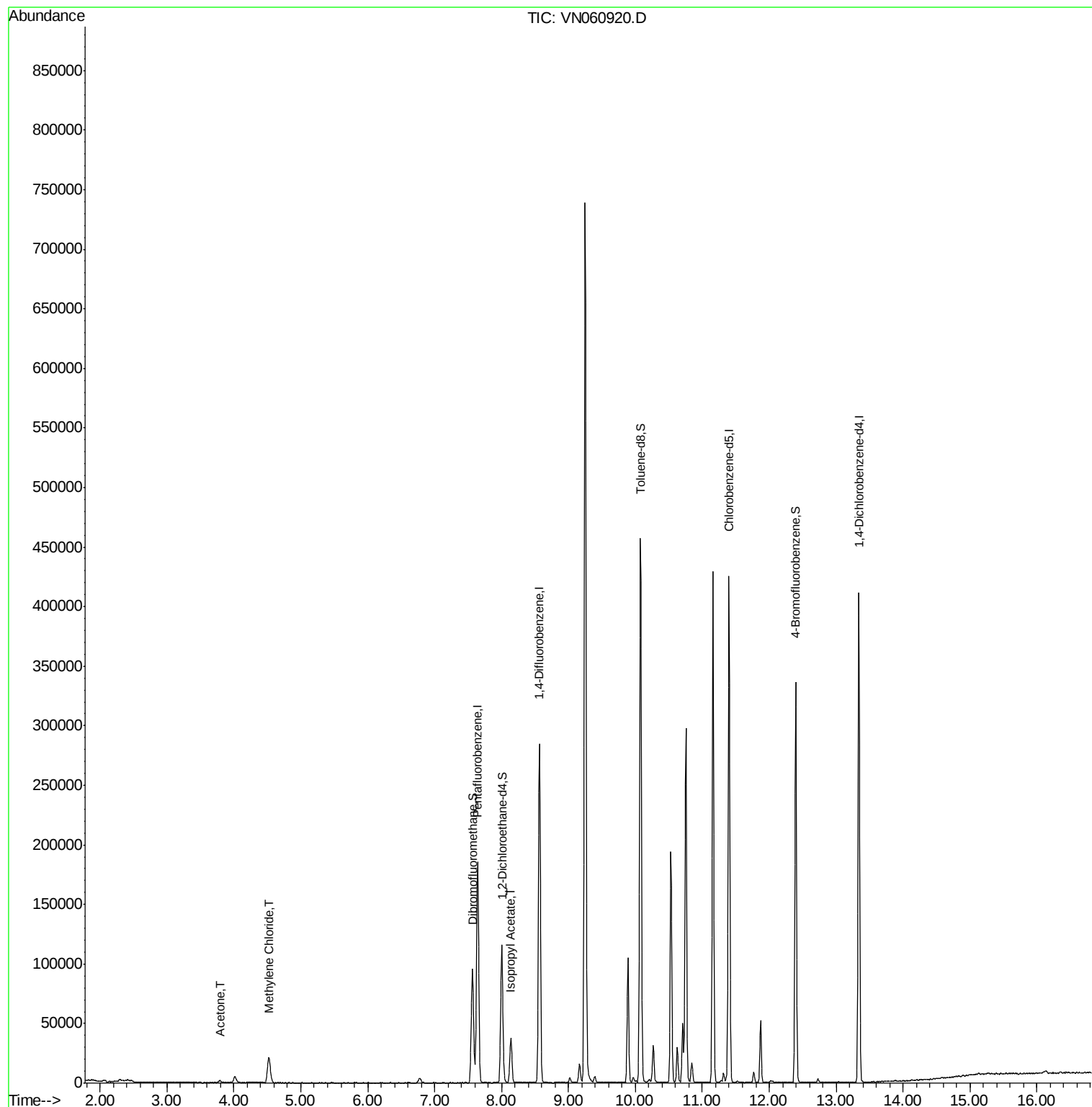
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	148656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	254037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	238847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	108207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98410	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
35) Dibromofluoromethane	7.56	113	74683	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	10.08	98	313035	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.40	95	119062	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
Target Compounds						
16) Acetone	3.79	43	3925	5.430	ug/l #	88
20) Methylene Chloride	4.53	84	16207	9.114	ug/l	99
43) Isopropyl Acetate	8.14	43	44675	10.192	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060920.D

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Instrument :

MSVOA_N

ClientSampleId :

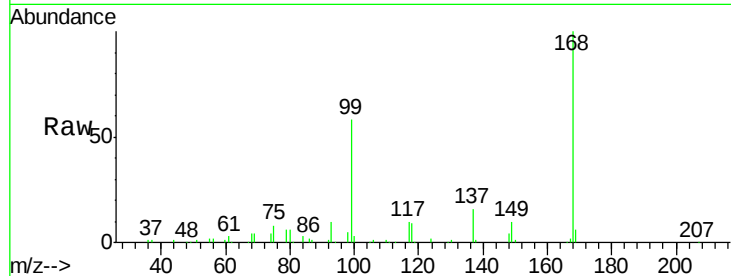
CG-SUB

Tot Ion:168 Resp: 148656

Ion Ratio Lower Upper

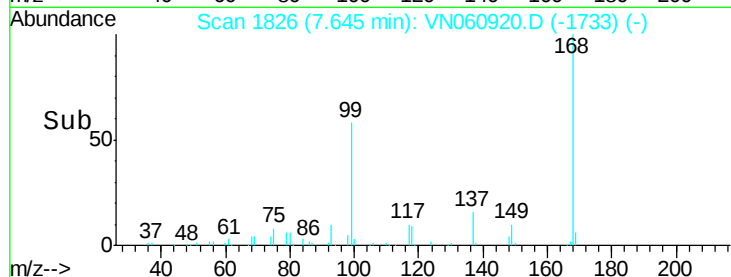
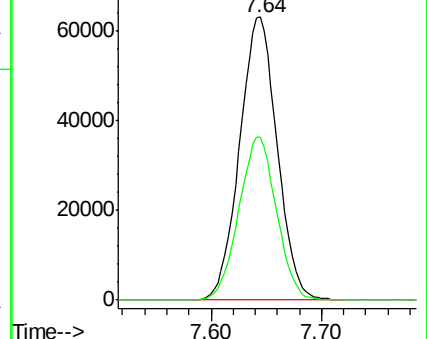
168 100

99 57.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 5.430 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060920.D

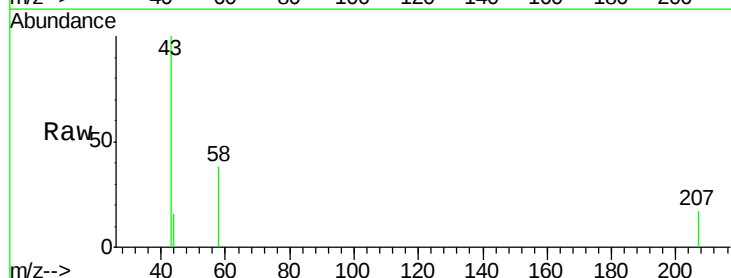
Acq: 13 Apr 2020 23:58

Tgt Ion: 43 Resp: 3925

Ion Ratio Lower Upper

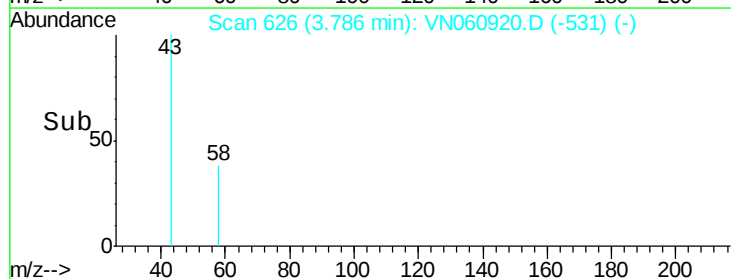
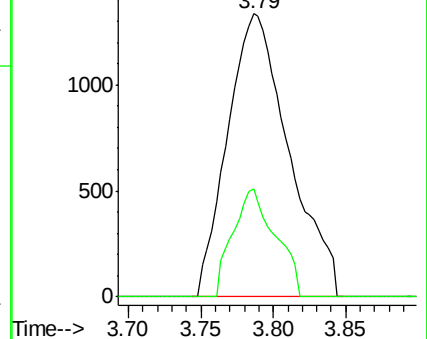
43 100

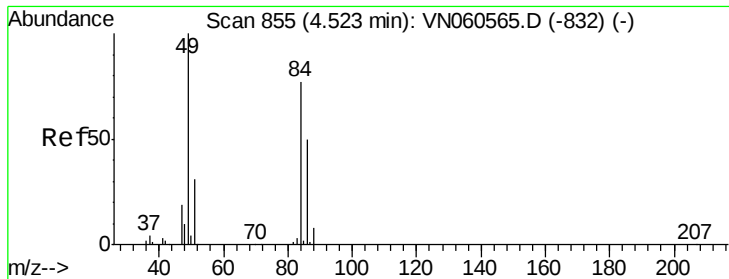
58 38.1 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 9.114 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060920.D

Acq: 13 Apr 2020 23:58

Instrument :

MSVOA_N

ClientSampled :

CG-SUB

Tot Ion: 84 Resp: 16207

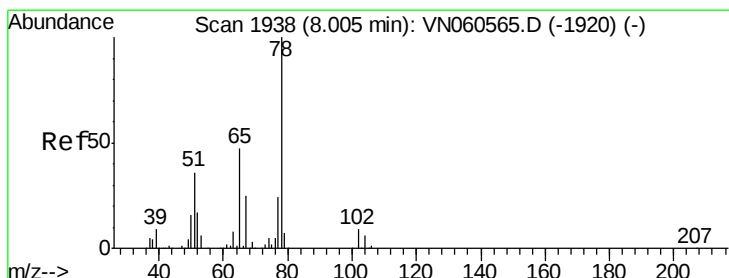
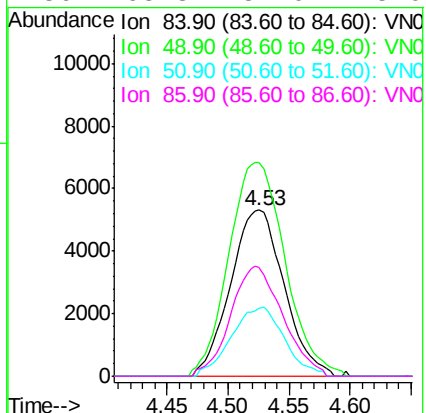
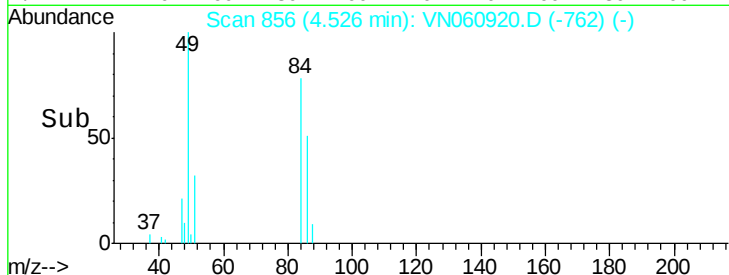
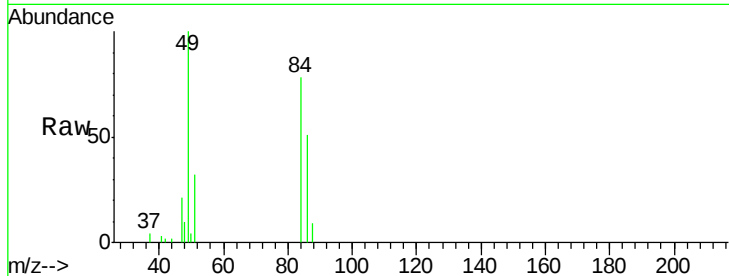
Ion Ratio Lower Upper

84 100

49 128.7 103.3 154.9

51 40.9 31.6 47.4

86 65.3 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 48.223 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060920.D

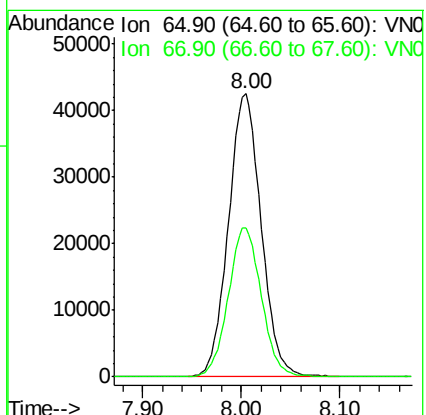
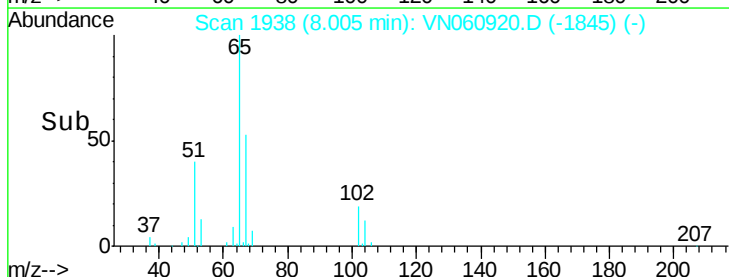
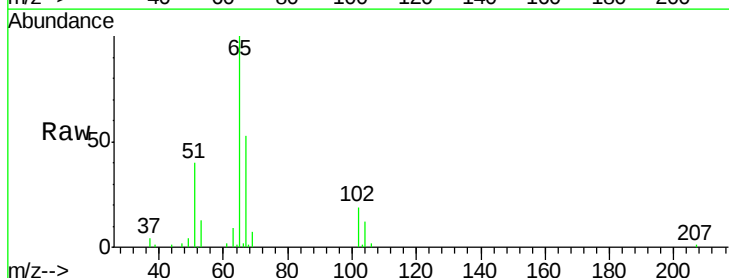
Acq: 13 Apr 2020 23:58

Tgt Ion: 65 Resp: 98410

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.6

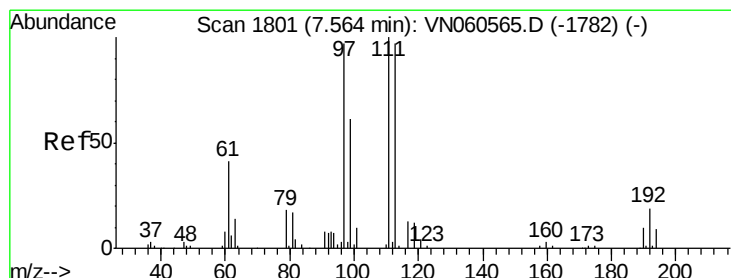
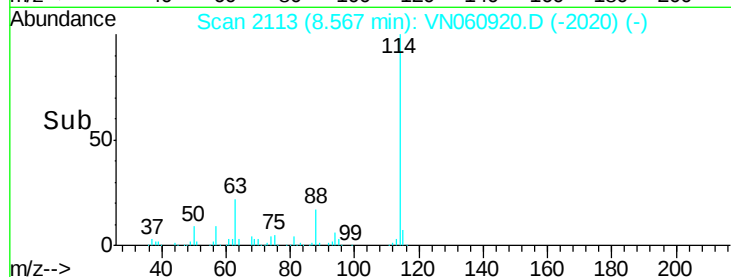
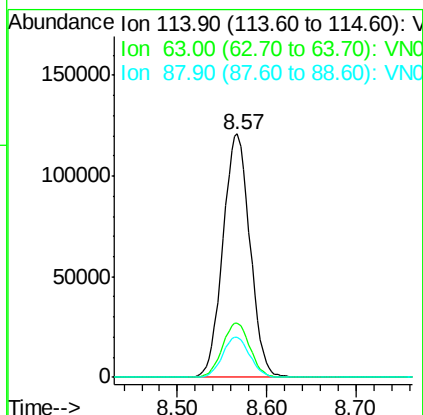
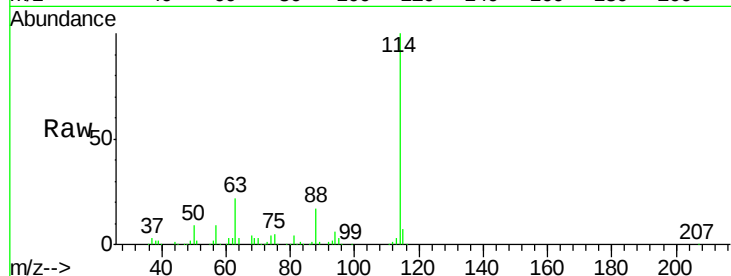




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060920.D
Acq: 13 Apr 2020 23:58

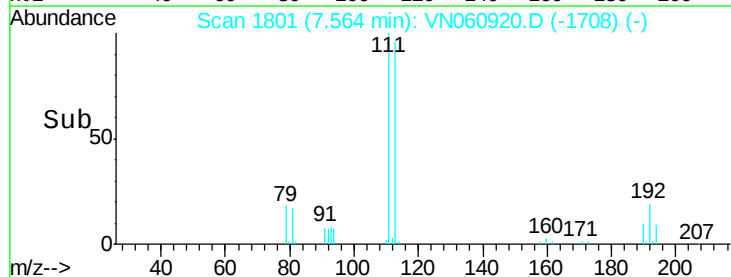
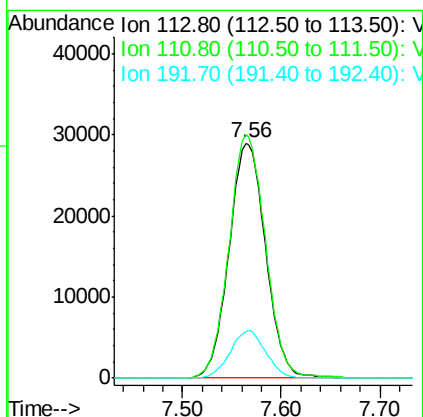
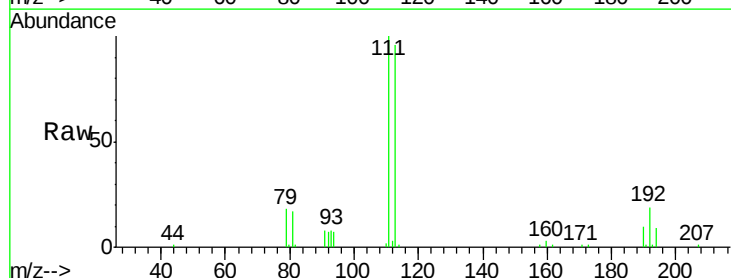
Instrument :
MSVOA_N
ClientSampleId :
CG-SUB

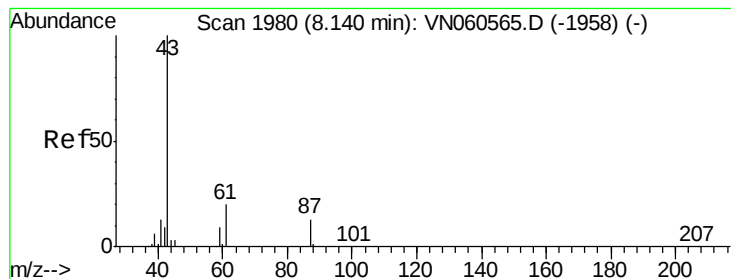
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.8
88	16.5	0.0	33.0



#35
Dibromofluoromethane
Concen: 48.619 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN060920.D
Acq: 13 Apr 2020 23:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	19.5	15.8	23.8





#43

Isopropyl Acetate

Concen: 10.192 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060920.D

Acq: 13 Apr 2020 23:58

Instrument :

MSVOA_N

ClientSampled :

CG-SUB

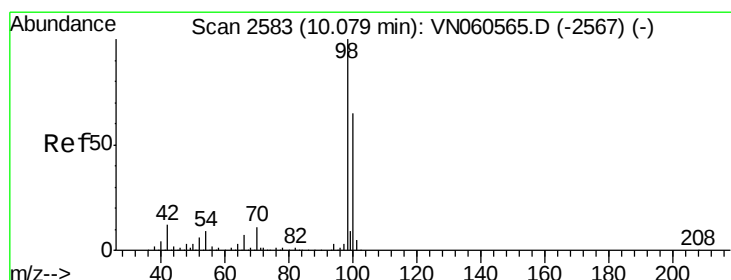
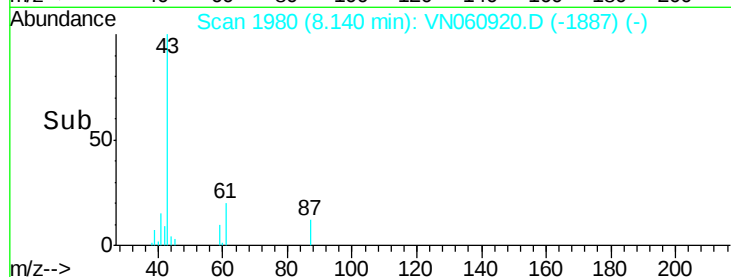
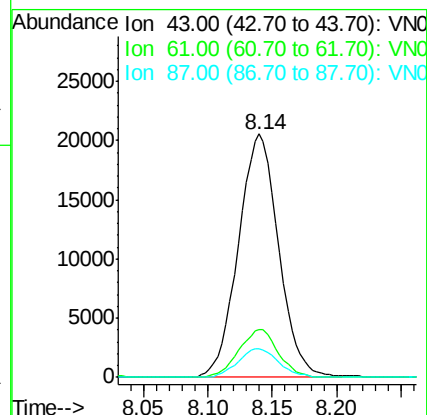
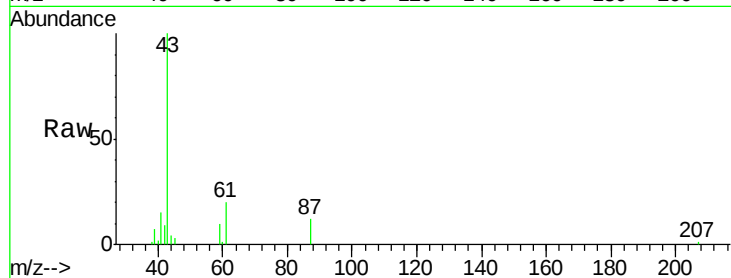
Tot Ion: 43 Resp: 44675

Ion Ratio Lower Upper

43 100

61 19.1 20.7 31.1#

87 11.7 9.8 14.8



#50

Toluene-d8

Concen: 49.892 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060920.D

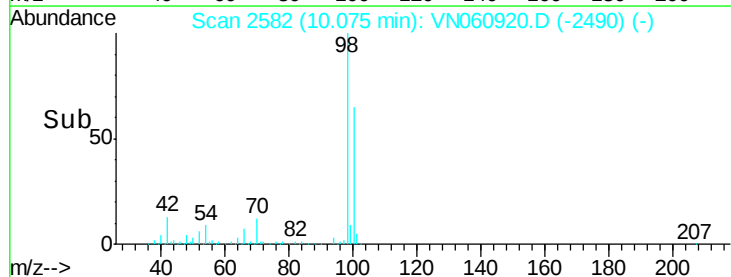
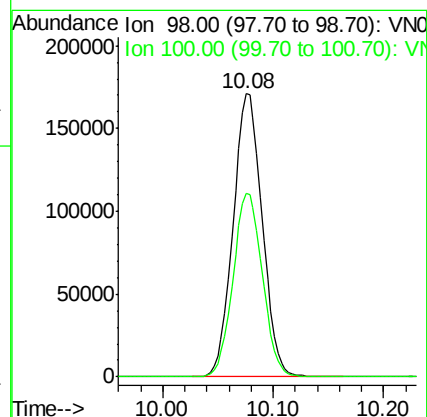
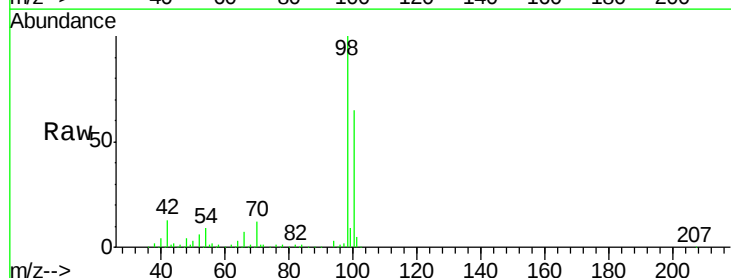
Acq: 13 Apr 2020 23:58

Tgt Ion: 98 Resp: 313035

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.779 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060920.D

Acq: 13 Apr 2020 23:58

Instrument :

MSVOA_N

ClientSampleId :

CG-SUB

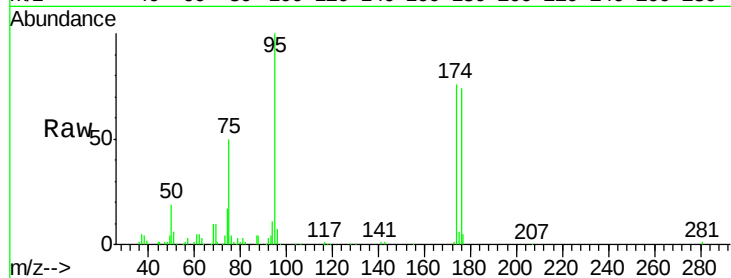
Tot Ion: 95 Resp: 119062

Ion Ratio Lower Upper

95 100

174 75.5 0.0 157.6

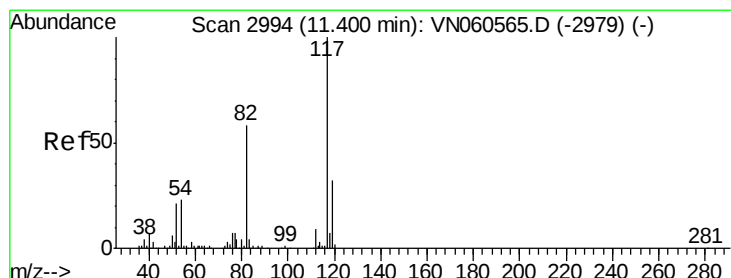
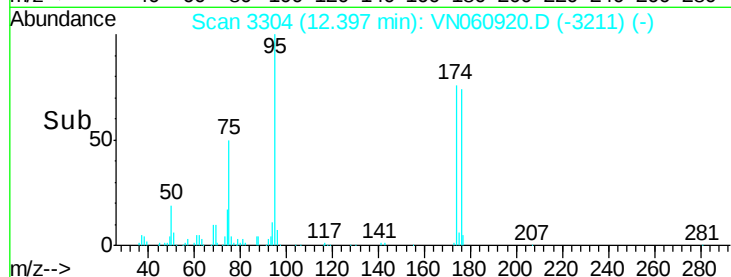
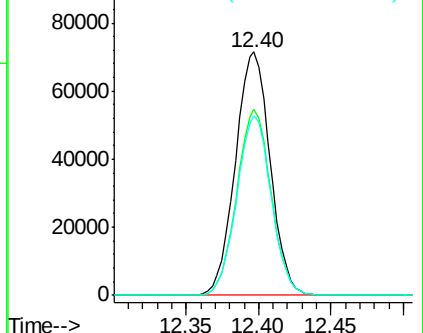
176 73.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060920.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060920.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060920.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060920.D

Acq: 13 Apr 2020 23:58

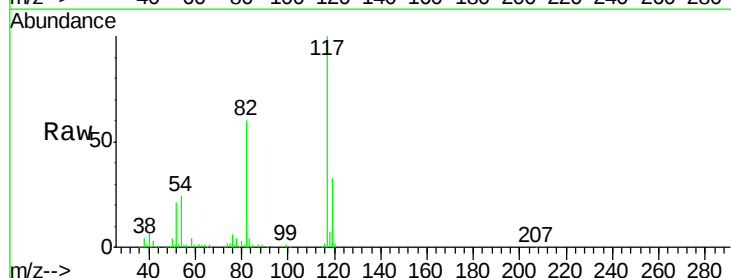
Tgt Ion: 117 Resp: 238847

Ion Ratio Lower Upper

117 100

82 59.8 46.7 70.1

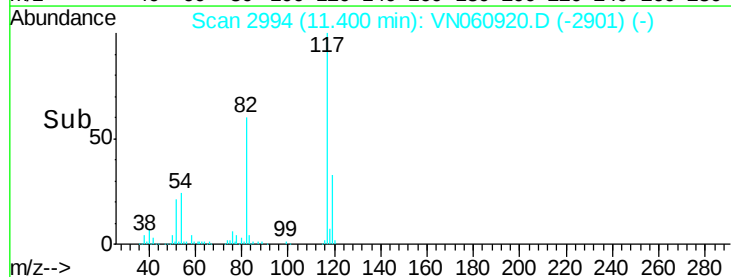
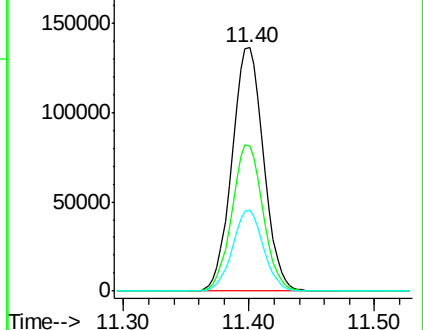
119 33.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060920.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060920.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060920.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060920.D

Acq: 13 Apr 2020 23:58

Instrument :

MSVOA_N

ClientSampleId :

CG-SUB

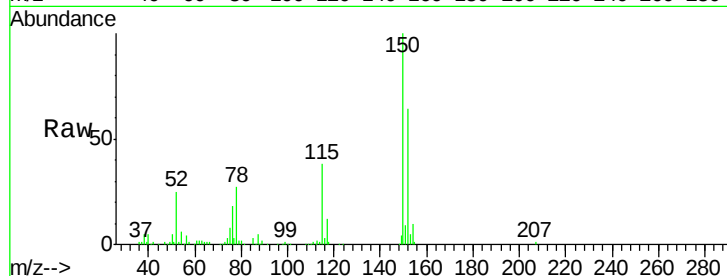
Tot Ion:152 Resp: 108207

Ion Ratio Lower Upper

152 100

115 60.2 30.2 90.6

150 156.5 0.0 350.2



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

