

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060684.D
 Acq On : 24 Mar 2020 19:46
 Operator : JC/MD
 Sample : L2011-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GHD1-WC-S-SB-0203

Quant Time: Mar 25 09:34:09 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

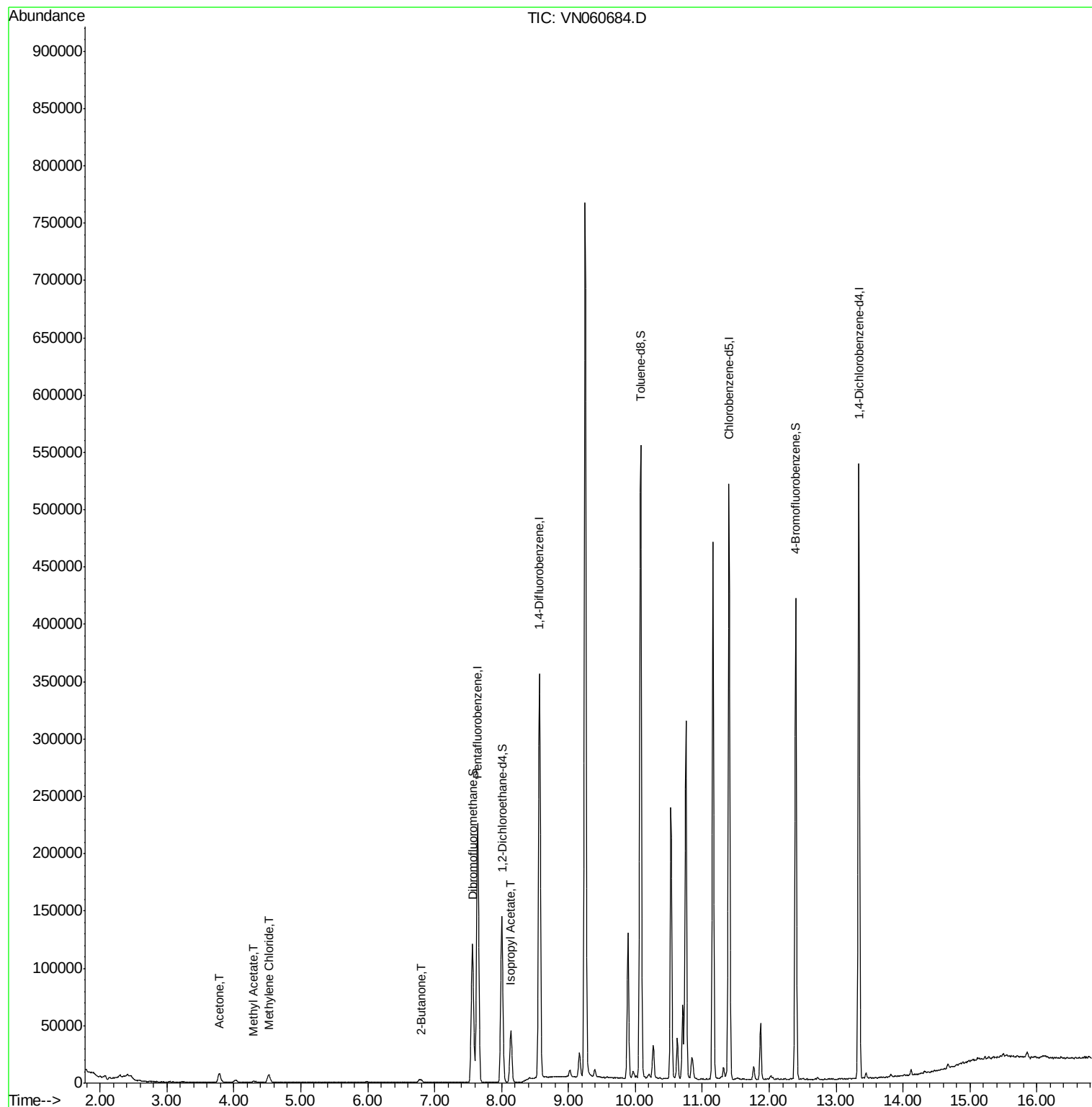
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	183704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	309163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123831	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	7.56	113	95007	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.08	98	386896	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	145348	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
Target Compounds						
16) Acetone	3.79	43	14372	16.089	ug/l	95
18) Methyl Acetate	4.30	43	2662	1.059	ug/l #	68
20) Methylene Chloride	4.52	84	5246	2.387	ug/l	92
25) 2-Butanone	6.80	43	3407	2.357	ug/l	94
43) Isopropyl Acetate	8.14	43	55214	10.350	ug/l #	89

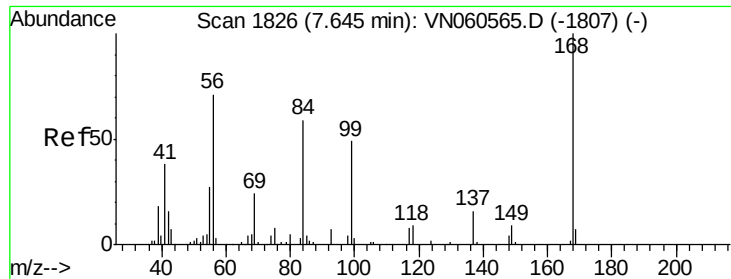
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060684.D

Acq: 24 Mar 2020 19:46

Instrument :

MSVOA_N

ClientSampleId :

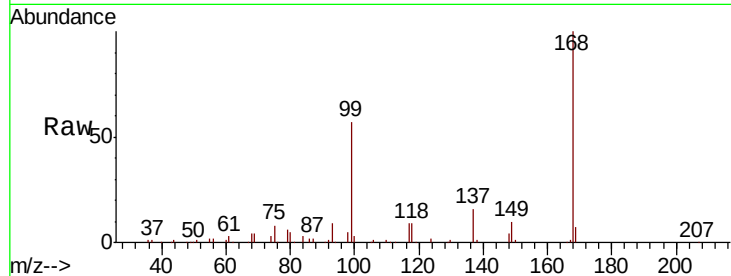
GHD1-WC-S-SB-0203

Tot Ion:168 Resp: 183704

Ion Ratio Lower Upper

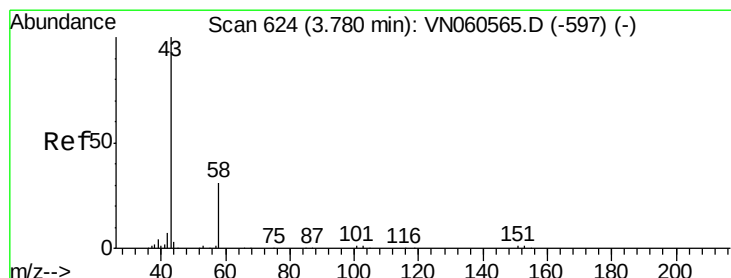
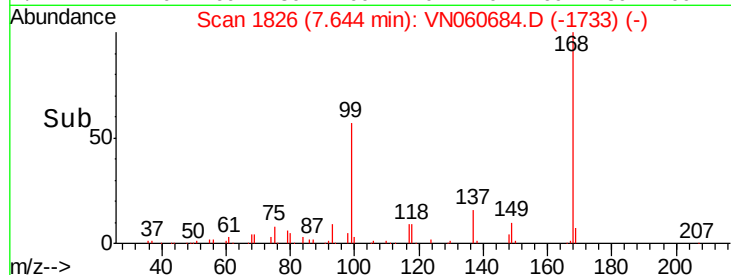
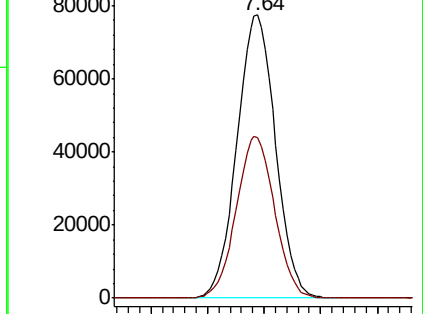
168 100

99 56.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 16.089 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060684.D

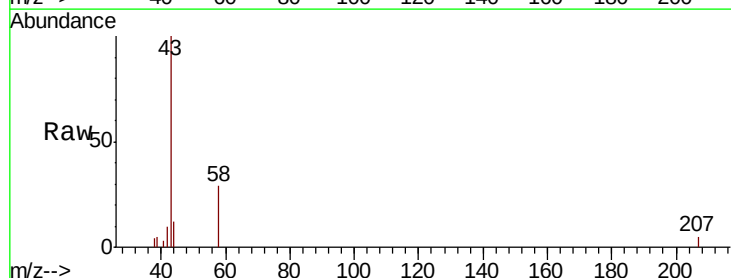
Acq: 24 Mar 2020 19:46

Tgt Ion: 43 Resp: 14372

Ion Ratio Lower Upper

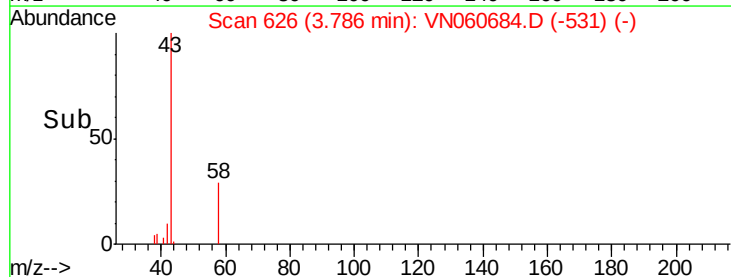
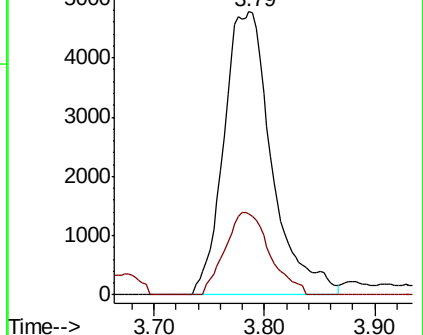
43 100

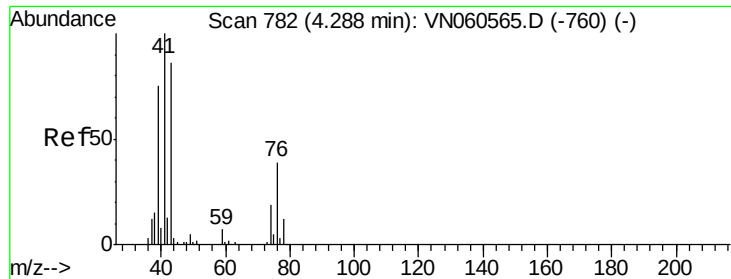
58 28.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

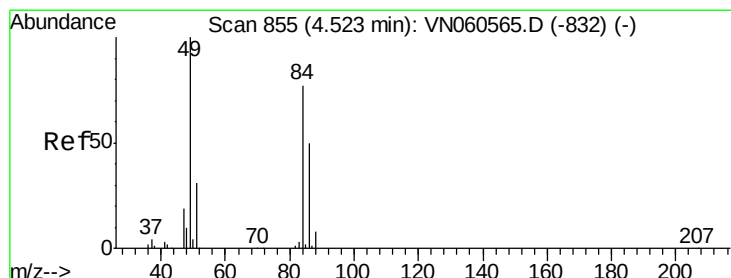
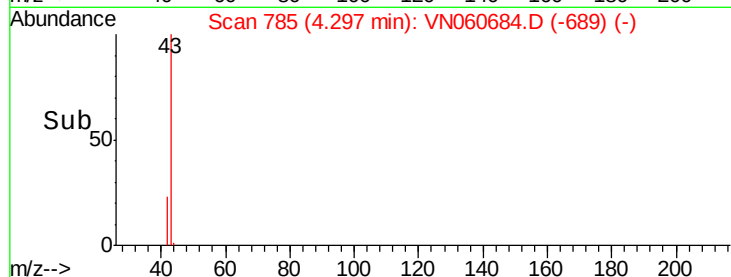
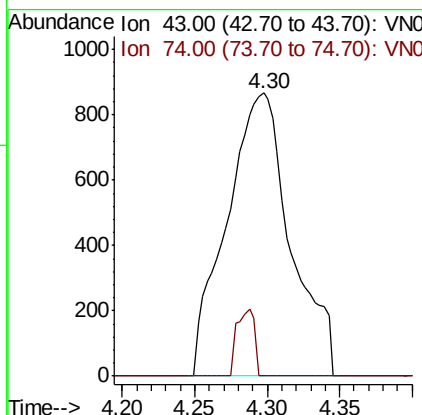
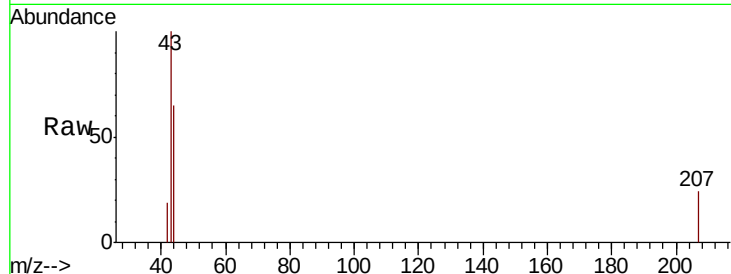




#18
Methyl Acetate
Concen: 1.059 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.01 min
Lab File: VN060684.D
Acq: 24 Mar 2020 19:46

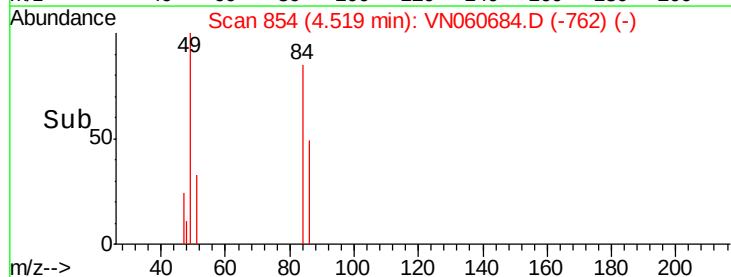
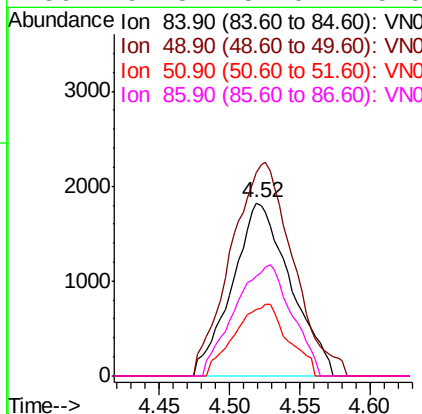
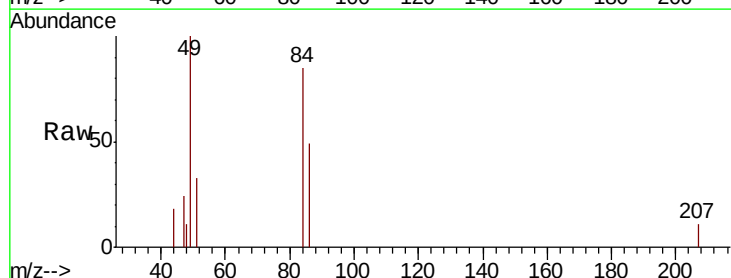
Instrument :
MSVOA_N
ClientSampleId :
GHD1-WC-S-SB-0203

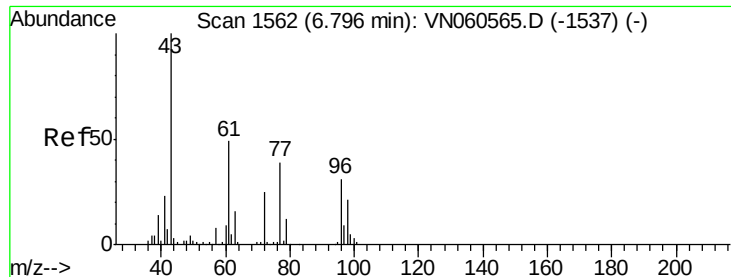
Tot Ion: 43 Resp: 2662
Ion Ratio Lower Upper
43 100
74 6.5 17.5 26.3#



#20
Methylene Chloride
Concen: 2.387 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060684.D
Acq: 24 Mar 2020 19:46

Tgt Ion: 84 Resp: 5246
Ion Ratio Lower Upper
84 100
49 117.6 103.3 154.9
51 38.6 31.6 47.4
86 57.8 52.0 78.0

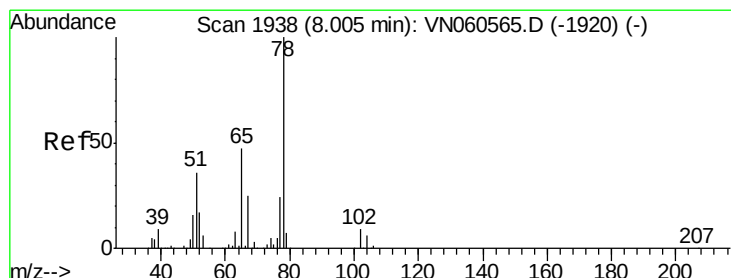
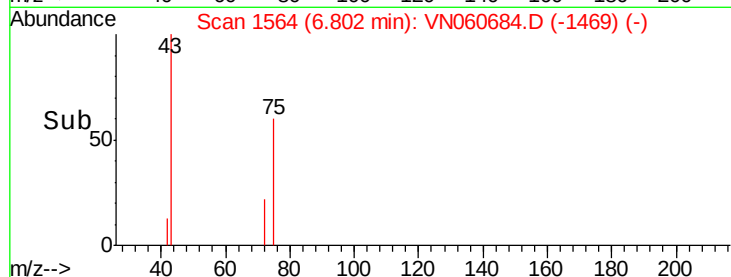
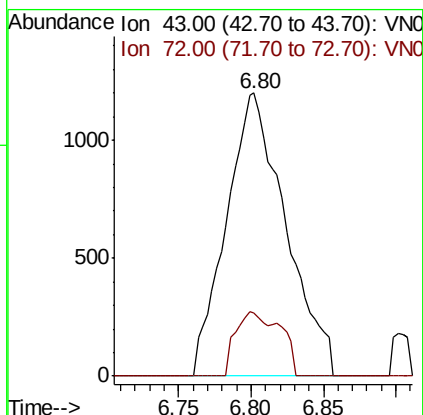
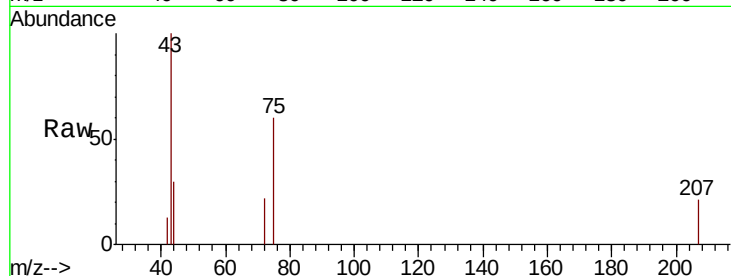




#25
2-Butanone
Concen: 2.357 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN060684.D
Acq: 24 Mar 2020 19:46

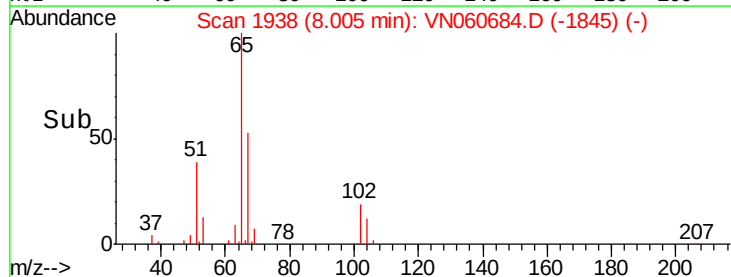
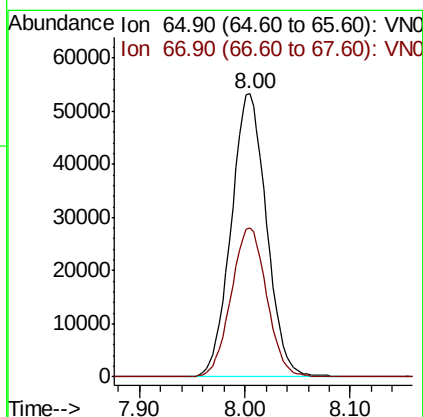
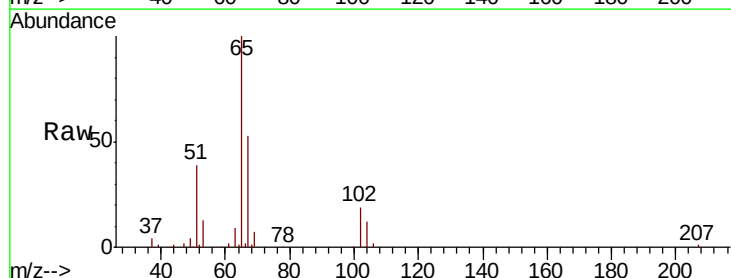
Instrument :
MSVOA_N
ClientSampleId :
GHD1-WC-S-SB-0203

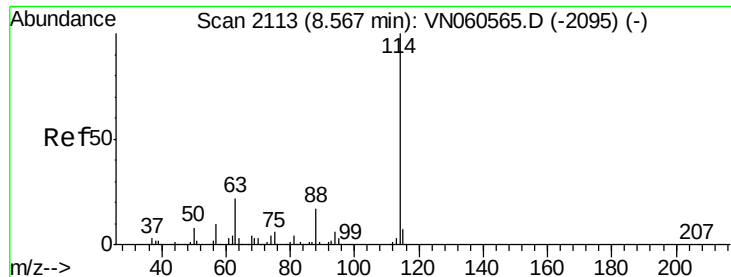
Tot Ion: 43 Resp: 3407
Ion Ratio Lower Upper
43 100
72 22.3 20.4 30.6



#33
1,2-Dichloroethane-d4
Concen: 49.104 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060684.D
Acq: 24 Mar 2020 19:46

Tgt Ion: 65 Resp: 123831
Ion Ratio Lower Upper
65 100
67 52.9 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: VN060684.D

Acq: 24 Mar 2020 19:46

Instrument :

MSVOA_N

ClientSampleId :

GHD1-WC-S-SB-0203

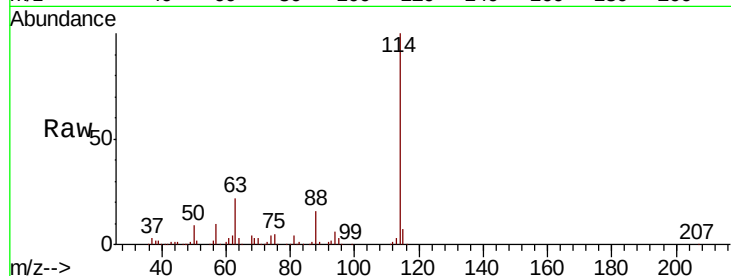
Tot Ion:114 Resp: 309163

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

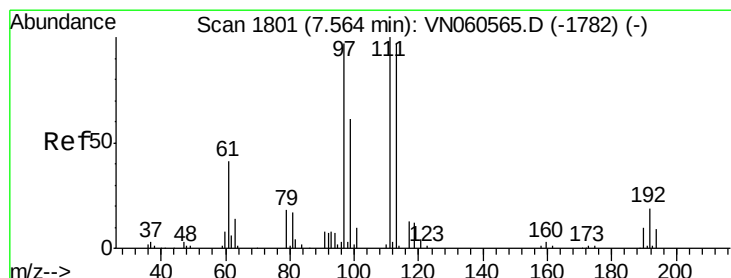
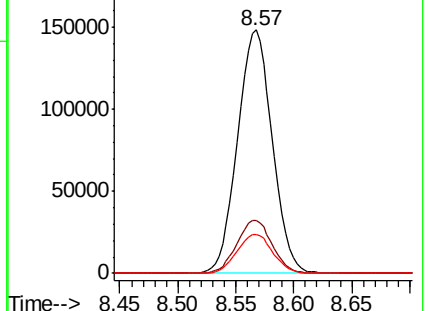
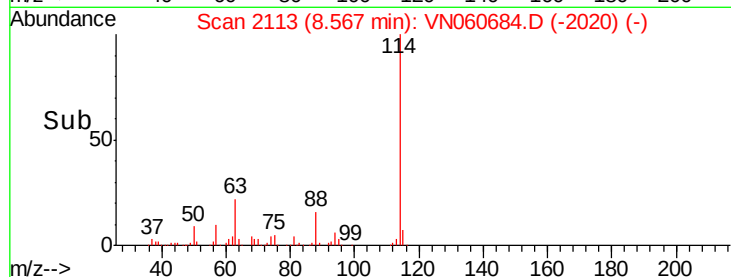
88 16.2 0.0 33.0



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: 50.822 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060684.D

Acq: 24 Mar 2020 19:46

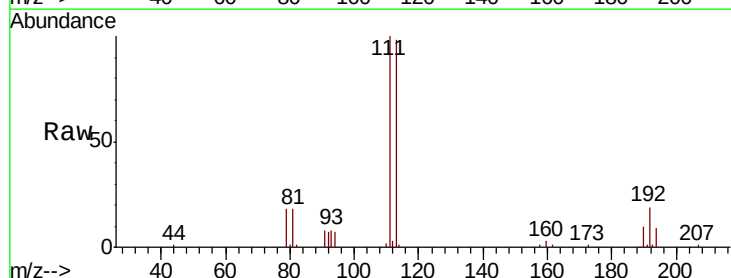
Tgt Ion:113 Resp: 95007

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

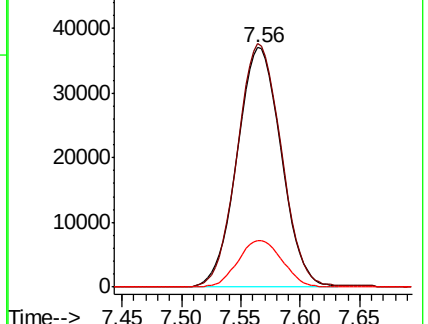
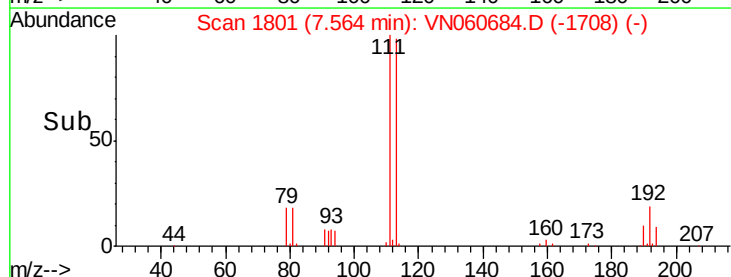
192 19.5 15.8 23.8

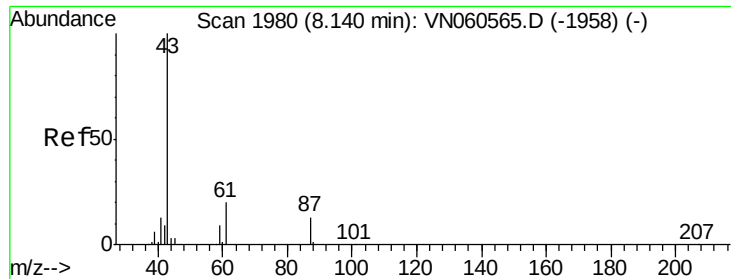


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.350 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060684.D

Acq: 24 Mar 2020 19:46

Instrument :

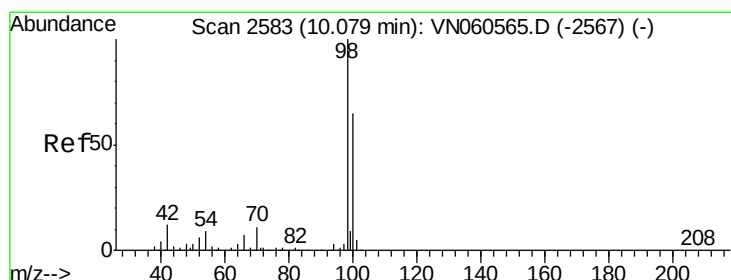
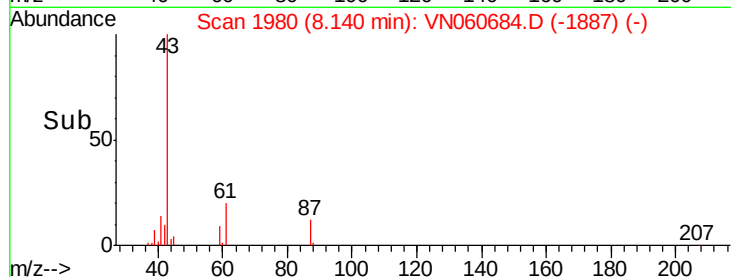
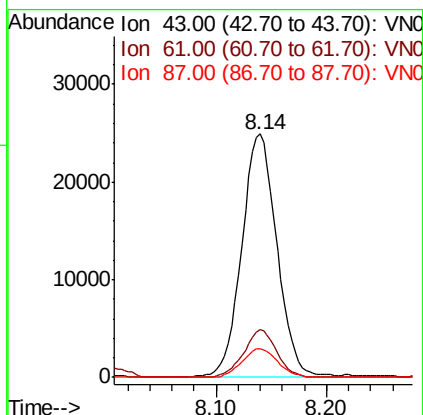
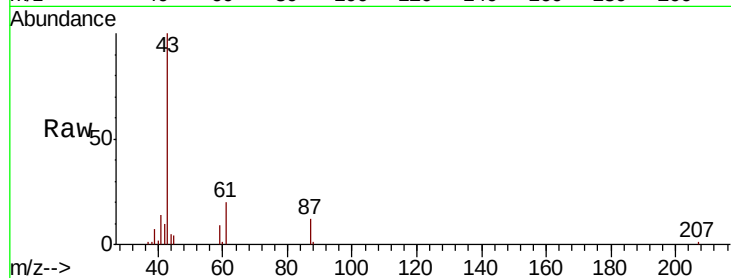
MSVOA_N

ClientSampleId :

GHD1-WC-S-SB-0203

Tot Ion: 43 Resp: 55214

Ion	Ratio	Lower	Upper
43	100		
61	18.1	20.7	31.1#
87	11.7	9.8	14.8



#50

Toluene-d8

Concen: 50.669 ug/l

RT: 10.08 min Scan# 2583

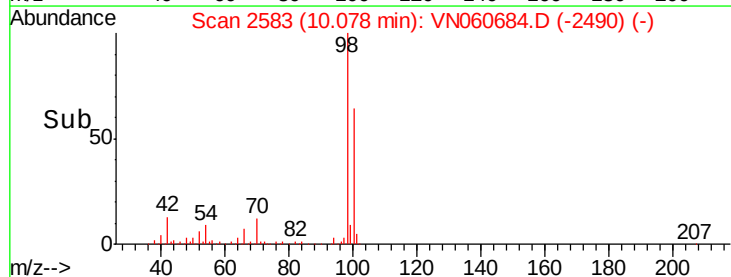
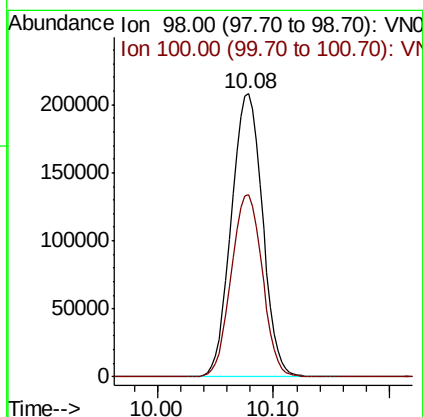
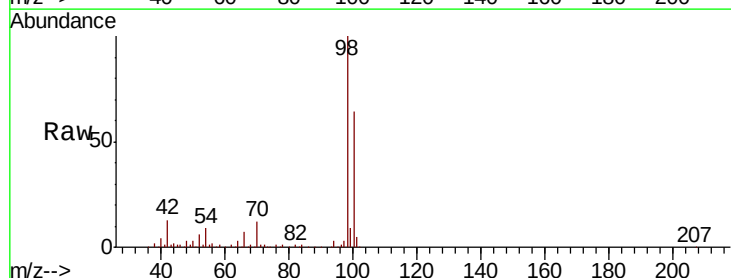
Delta R.T. -0.00 min

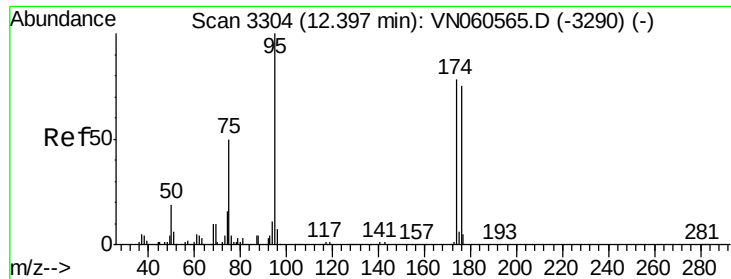
Lab File: VN060684.D

Acq: 24 Mar 2020 19:46

Tgt Ion: 98 Resp: 386896

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.8





#62

4-Bromofluorobenzene

Concen: 51.939 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060684.D

Acq: 24 Mar 2020 19:46

Instrument :

MSVOA_N

ClientSampleId :

GHD1-WC-S-SB-0203

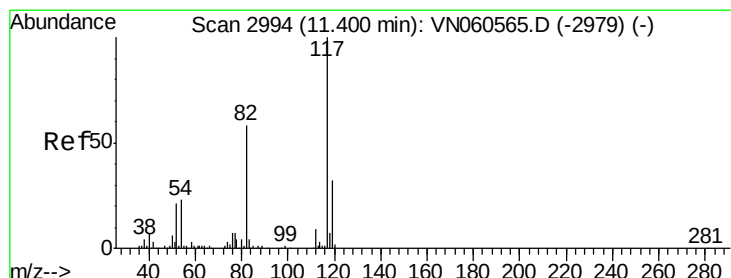
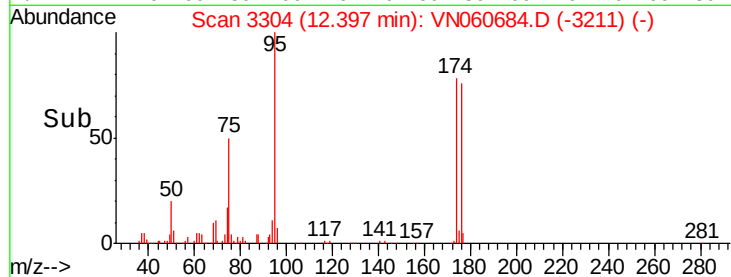
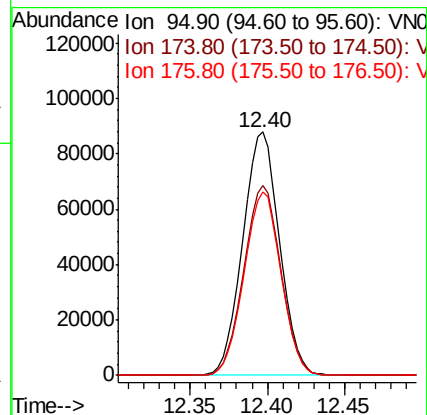
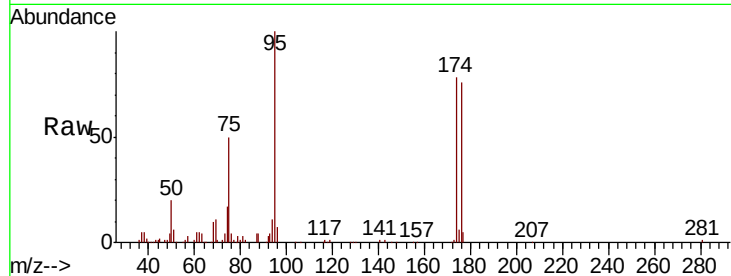
Tot Ion: 95 Resp: 145348

Ion Ratio Lower Upper

95 100

174 78.4 0.0 157.6

176 75.8 0.0 150.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060684.D

Acq: 24 Mar 2020 19:46

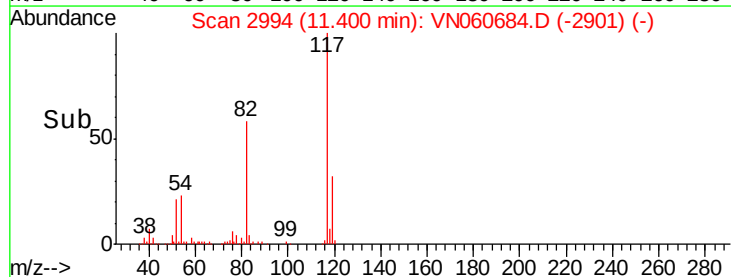
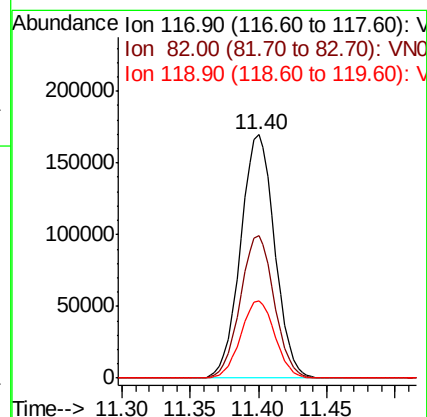
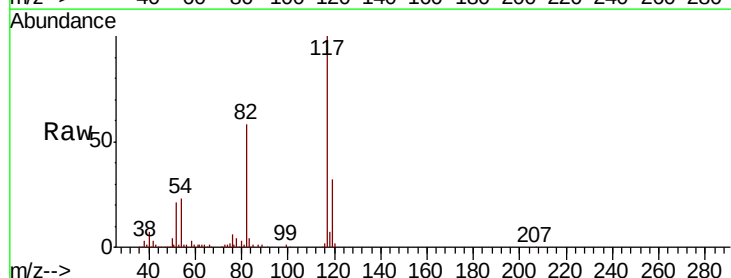
Tgt Ion: 117 Resp: 294210

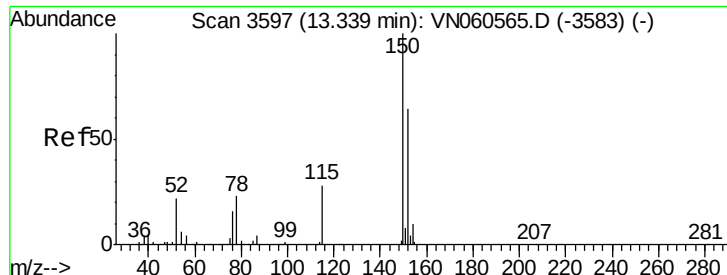
Ion Ratio Lower Upper

117 100

82 58.4 46.7 70.1

119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060684.D

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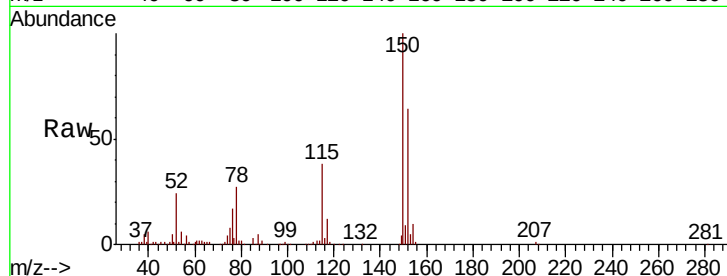
Tot Ion:152 Resp: 139577

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

150 157.7 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

