

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060682.D
 Acq On : 24 Mar 2020 19:01
 Operator : JC/MD
 Sample : L2011-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GHD1-WC-S-BC-IBC

Quant Time: Mar 25 09:54:39 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

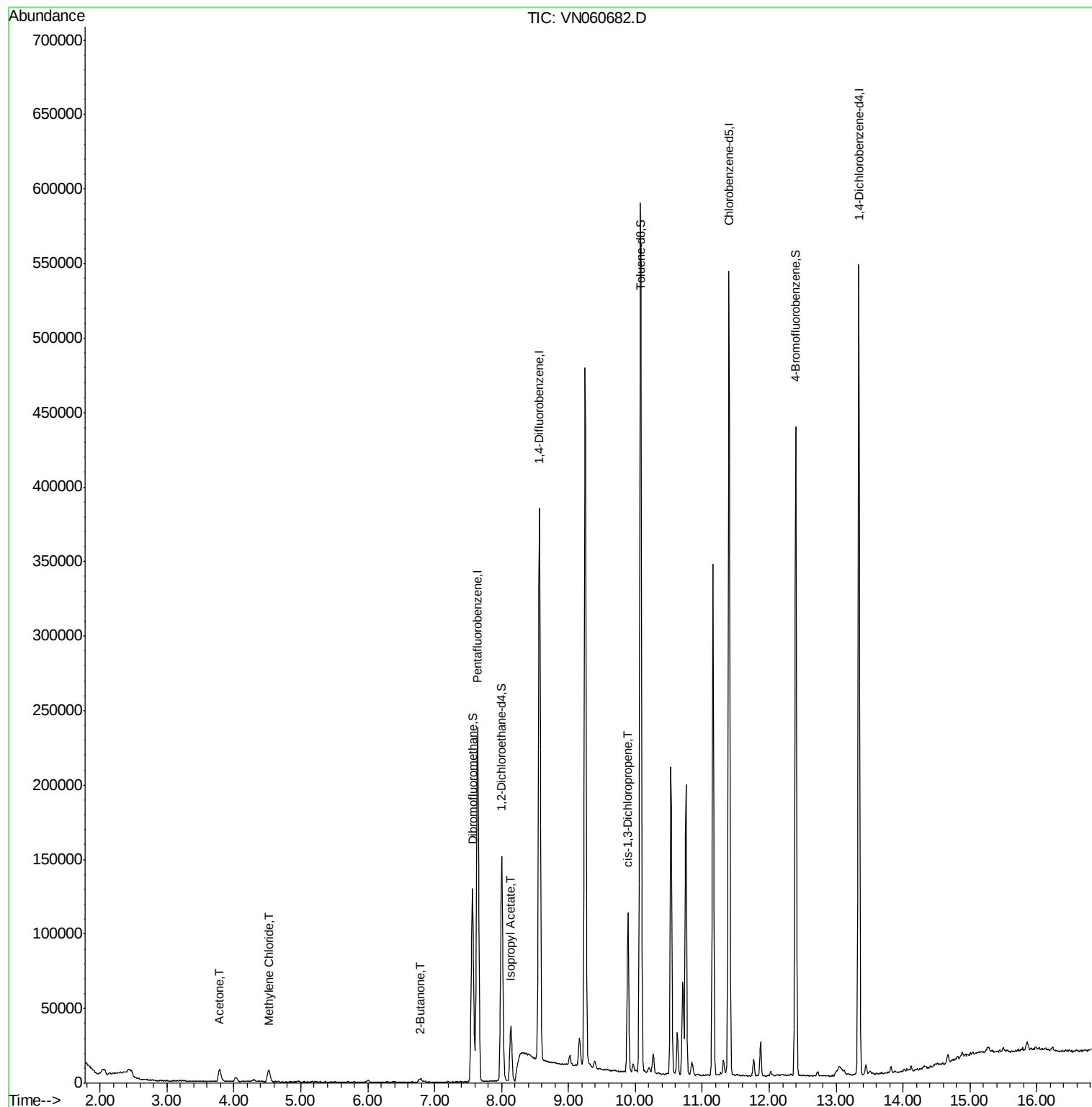
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	325896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	303443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127574	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
35) Dibromofluoromethane	7.56	113	99177	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.08	98	400577	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	149923	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
Target Compounds						
16) Acetone	3.79	43	16169	17.099	ug/l	93
20) Methylene Chloride	4.53	84	6403	2.753	ug/l	97
25) 2-Butanone	6.80	43	3343	2.185	ug/l	91
43) Isopropyl Acetate	8.14	43	44581	7.928	ug/l #	91
54) cis-1,3-Dichloropropene	9.89	75	19107	4.801	ug/l #	60

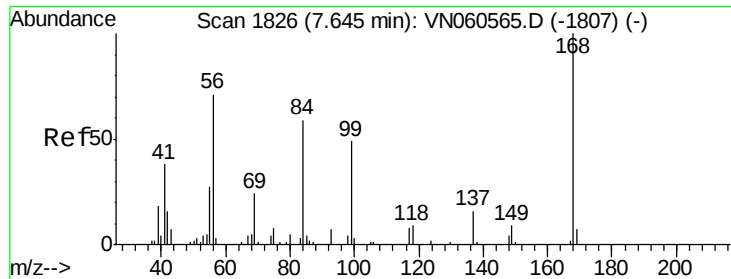
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060682.D

Acq: 24 Mar 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

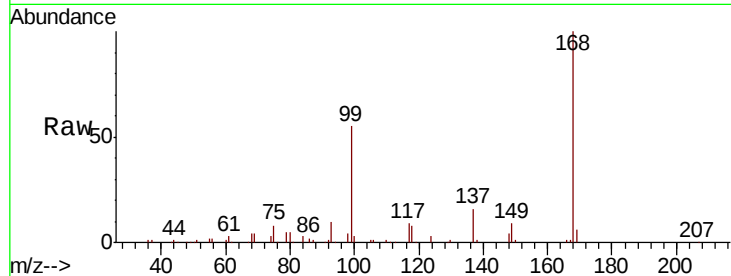
GHD1-WC-S-BC-IBC

Tot Ion:168 Resp: 194465

Ion Ratio Lower Upper

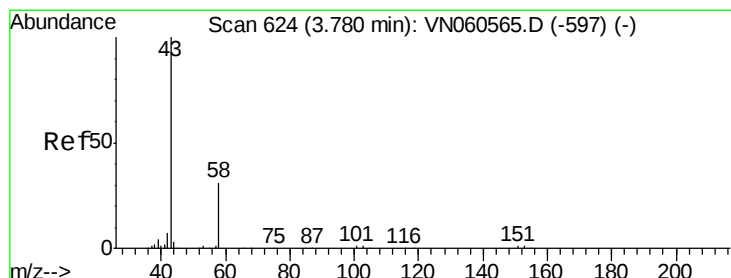
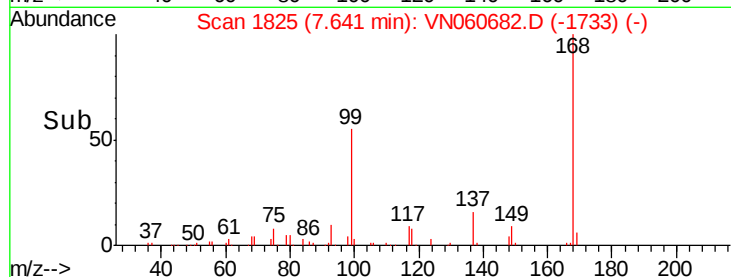
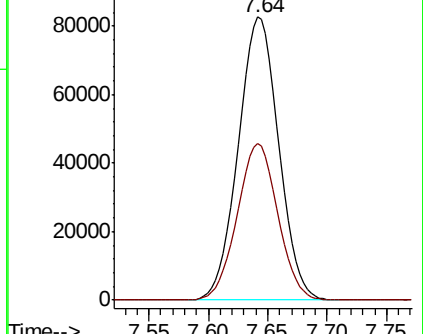
168 100

99 55.3 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: 17.099 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060682.D

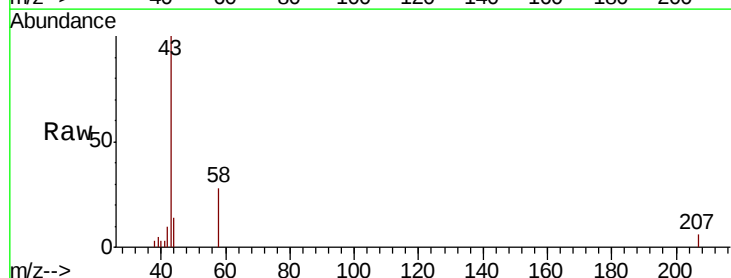
Acq: 24 Mar 2020 19:01

Tgt Ion: 43 Resp: 16169

Ion Ratio Lower Upper

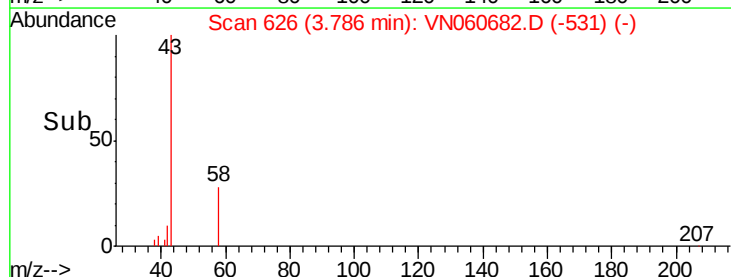
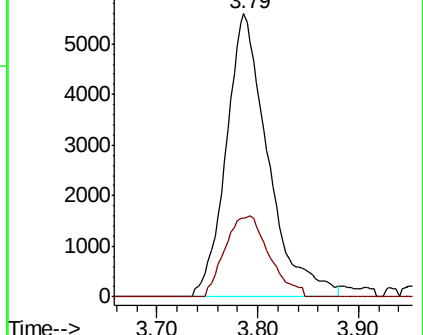
43 100

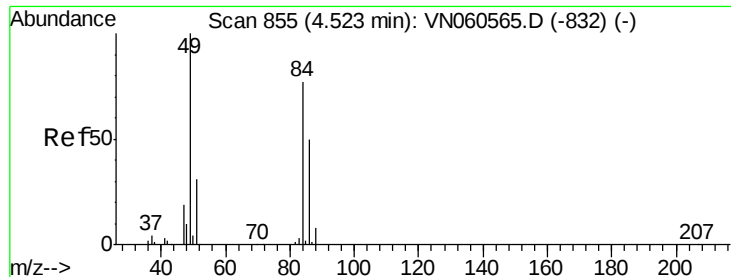
58 27.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

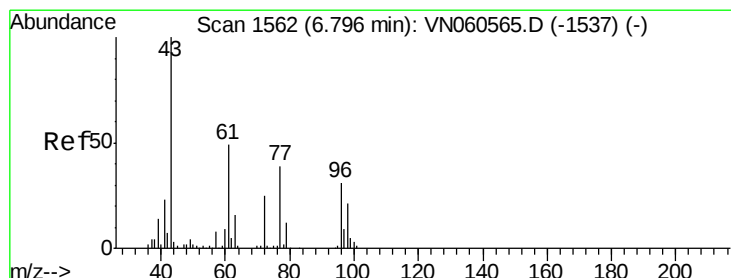
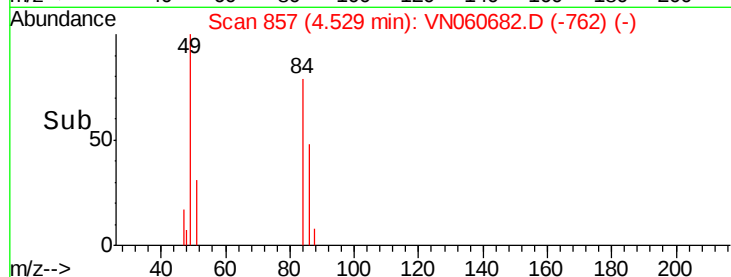
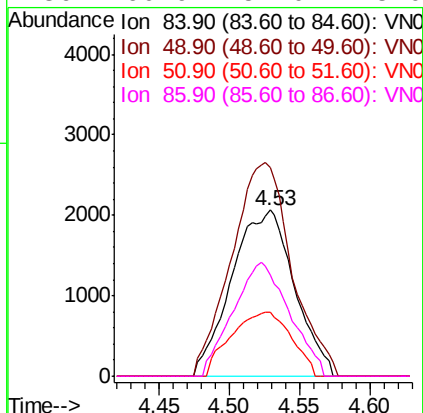
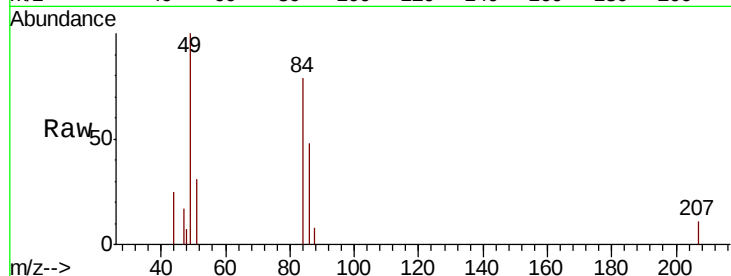




#20
Methylene Chloride
Concen: 2.753 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060682.D
Acq: 24 Mar 2020 19:01

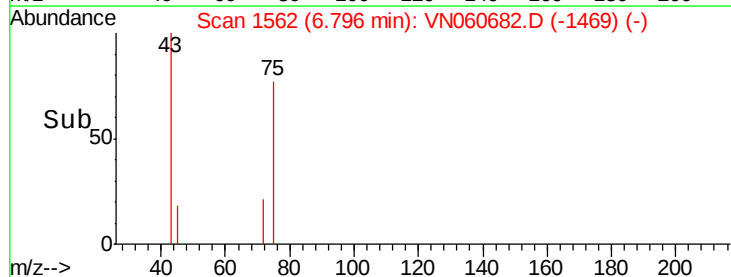
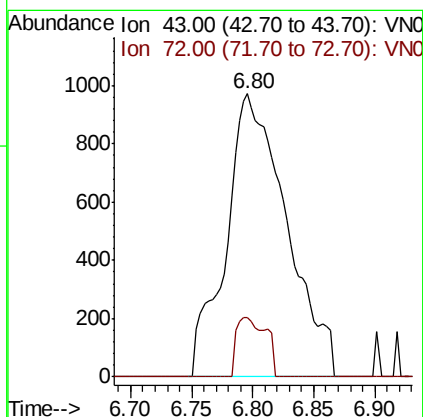
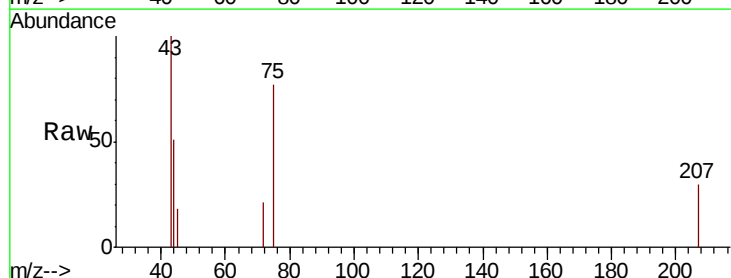
Instrument :
MSVOA_N
ClientSampleId :
GHD1-WC-S-BC-IBC

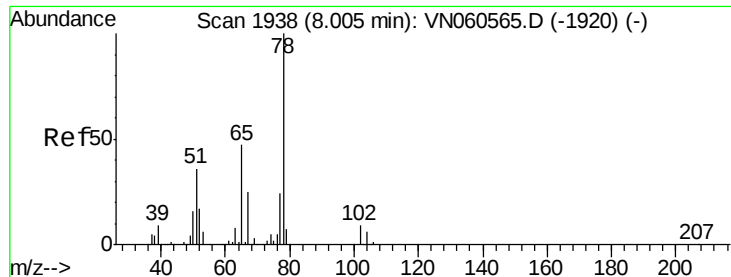
Tot Ion: 84 Resp: 6403
Ion Ratio Lower Upper
84 100
49 125.9 103.3 154.9
51 38.5 31.6 47.4
86 60.9 52.0 78.0



#25
2-Butanone
Concen: 2.185 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060682.D
Acq: 24 Mar 2020 19:01

Tgt Ion: 43 Resp: 3343
Ion Ratio Lower Upper
43 100
72 20.9 20.4 30.6

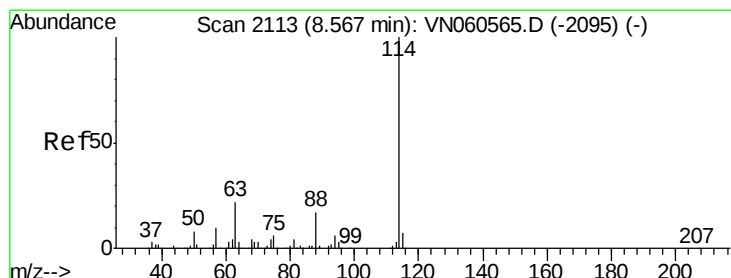
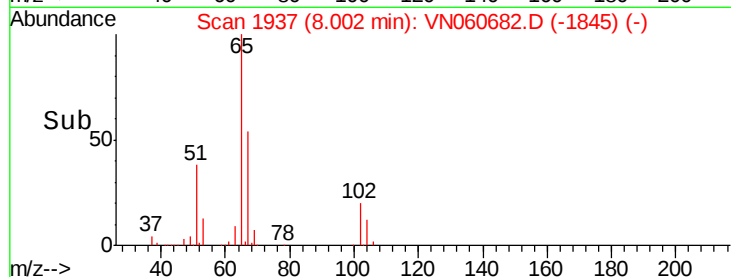
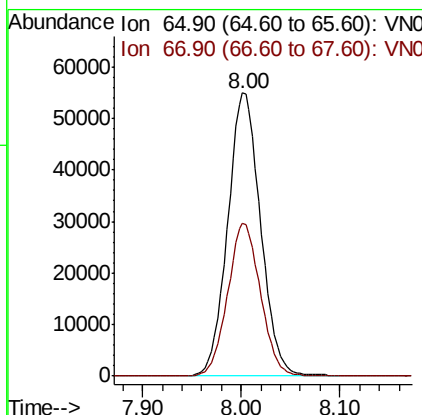
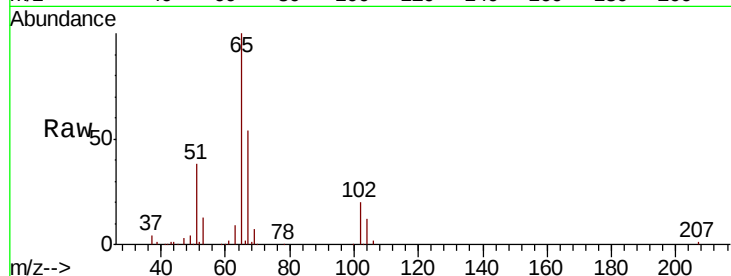




#33
 1,2-Dichloroethane-d4
 Concen: 47.788 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060682.D
 Acq: 24 Mar 2020 19:01

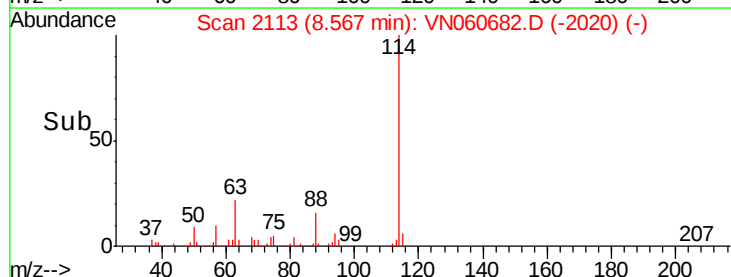
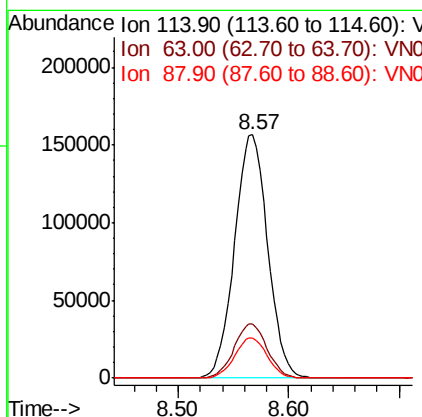
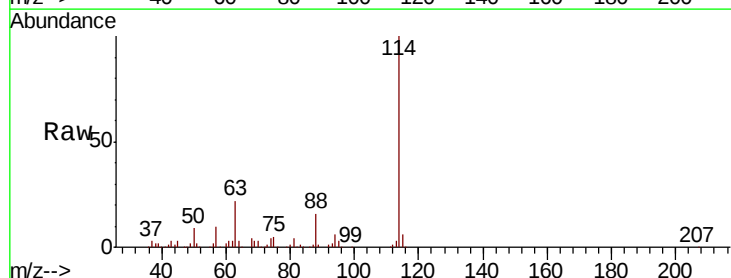
Instrument :
 MSVOA_N
 ClientSampleId :
 GHD1-WC-S-BC-IBC

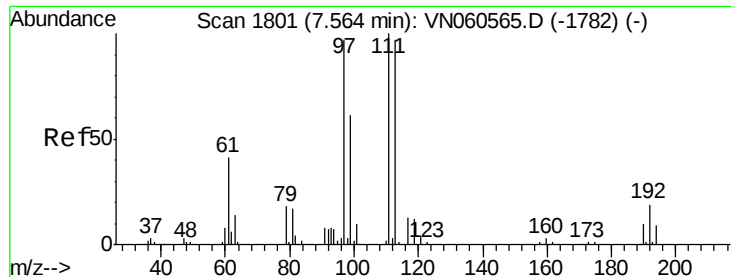
Tot Ion: 65 Resp: 127574
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060682.D
 Acq: 24 Mar 2020 19:01

Tgt Ion: 114 Resp: 325896
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.329 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060682.D

Acq: 24 Mar 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

GHD1-WC-S-BC-IBC

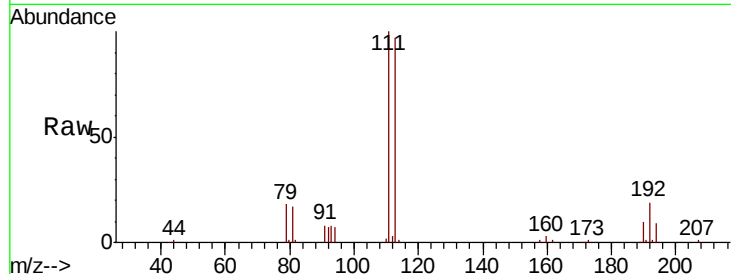
Tot Ion:113 Resp: 99177

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

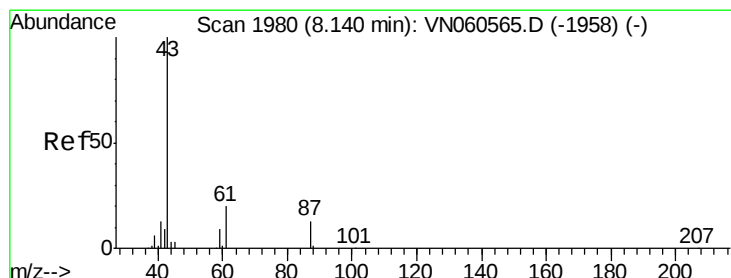
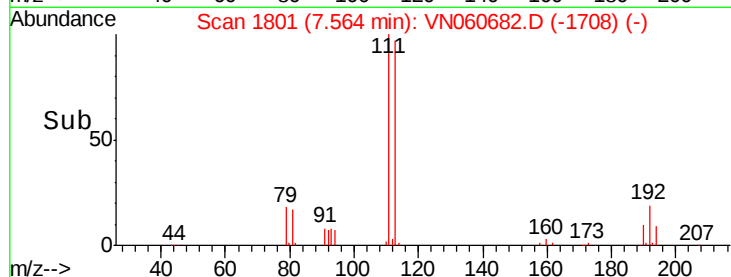
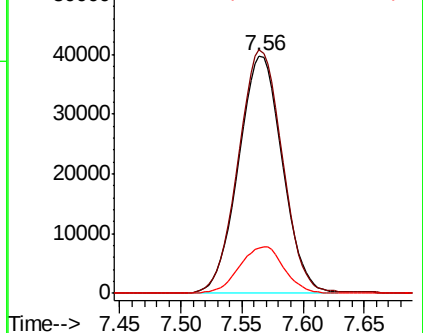
192 20.0 15.8 23.8



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: 7.928 ug/l

RT: 8.14 min Scan# 180

Delta R.T. 0.00 min

Lab File: VN060682.D

Acq: 24 Mar 2020 19:01

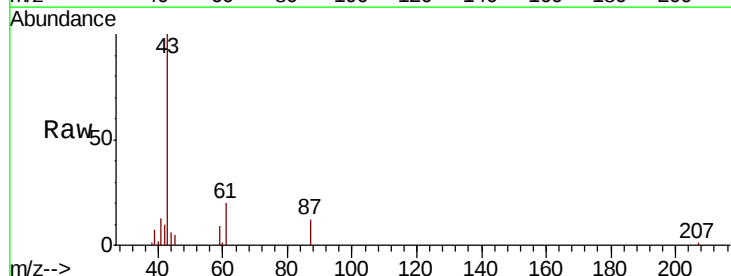
Tgt Ion: 43 Resp: 44581

Ion Ratio Lower Upper

43 100

61 19.4 20.7 31.1#

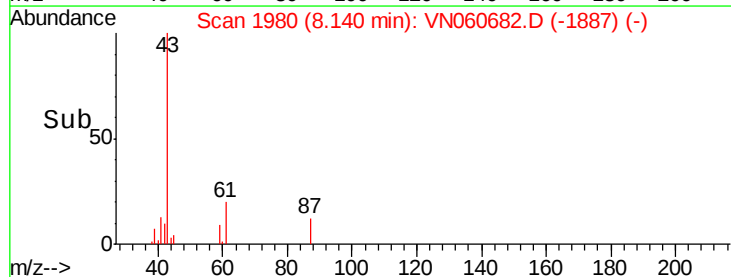
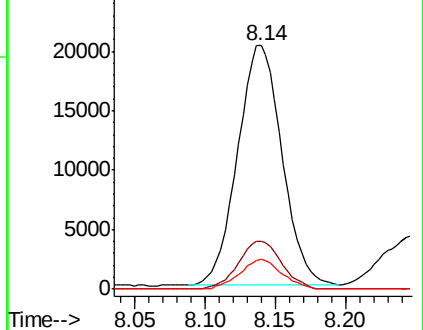
87 11.6 9.8 14.8

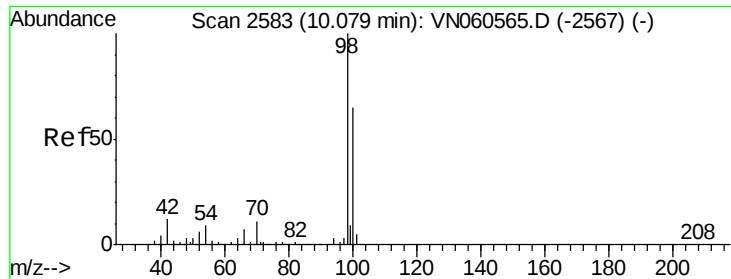


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.767 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060682.D

Acq: 24 Mar 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

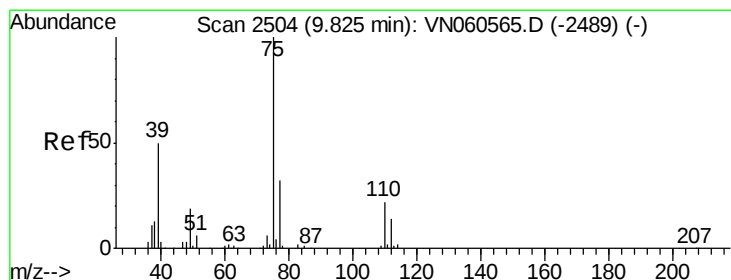
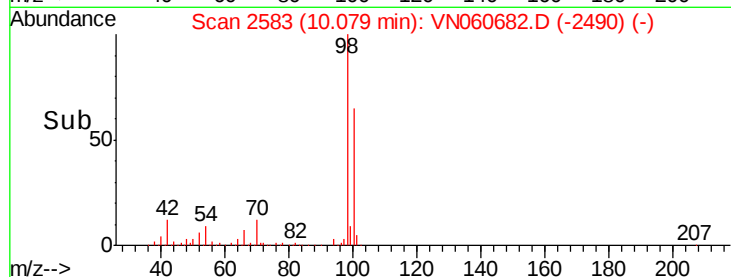
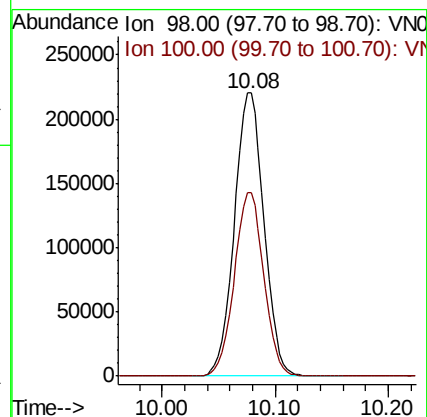
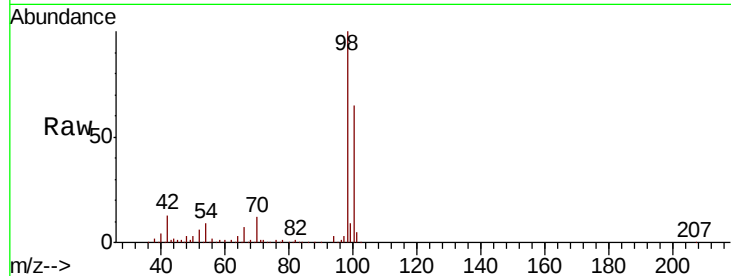
GHD1-WC-S-BC-IBC

Tot Ion: 98 Resp: 400577

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8



#54

cis-1,3-Dichloropropene

Concen: 4.801 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060682.D

Acq: 24 Mar 2020 19:01

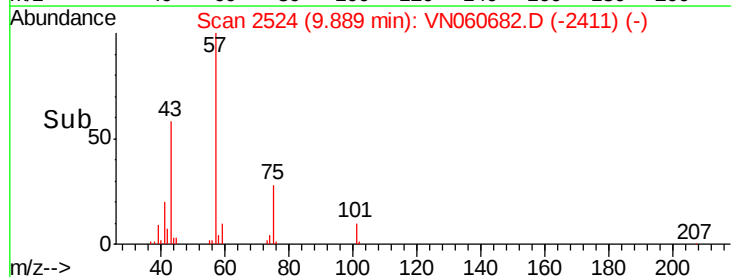
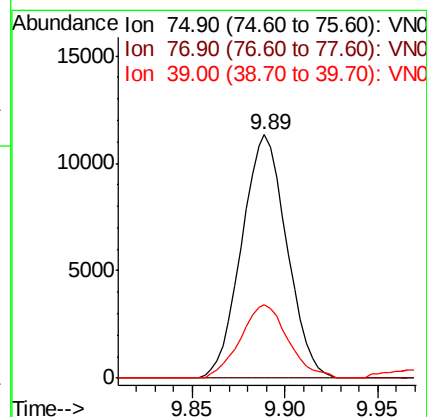
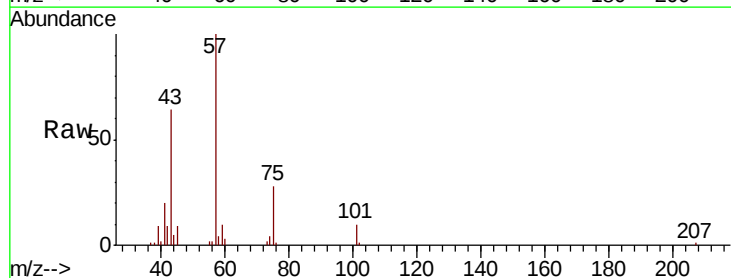
Tgt Ion: 75 Resp: 19107

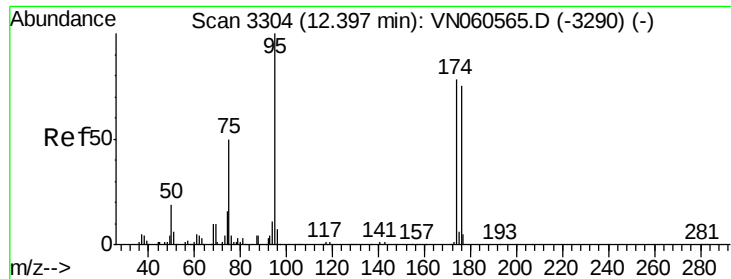
Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 30.0 40.2 60.4#





#62

4-Bromofluorobenzene

Concen: 50.823 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060682.D

Acq: 24 Mar 2020 19:01

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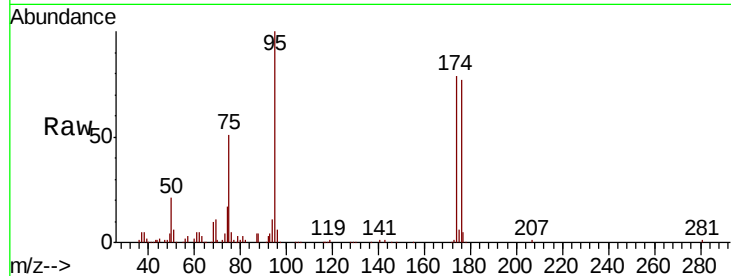
Tot Ion: 95 Resp: 149923

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.6

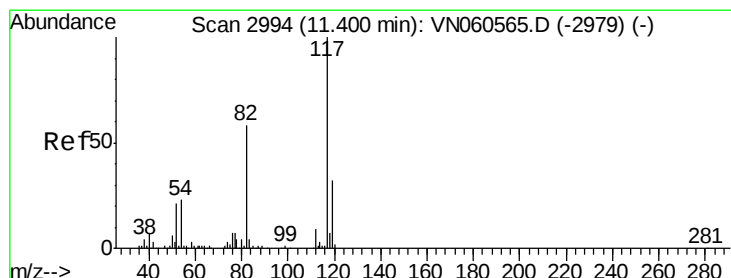
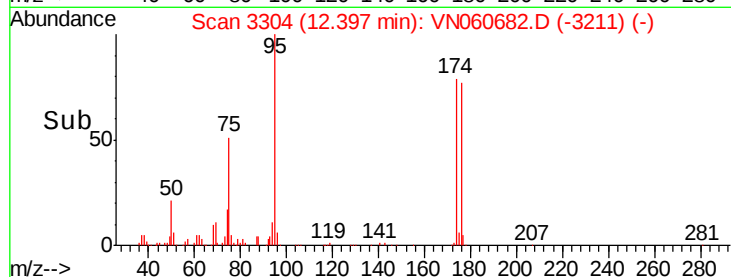
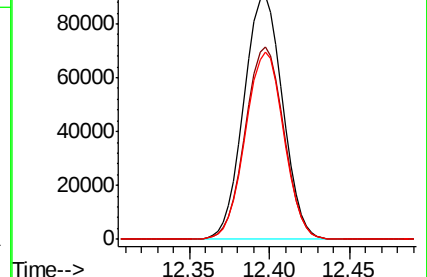
176 76.2 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060682.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060682.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060682.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060682.D

Acq: 24 Mar 2020 19:01

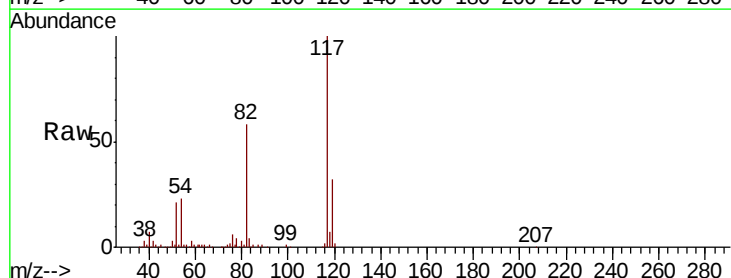
Tgt Ion: 117 Resp: 303443

Ion Ratio Lower Upper

117 100

82 57.5 46.7 70.1

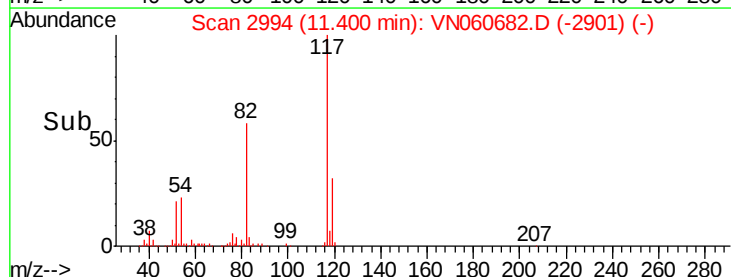
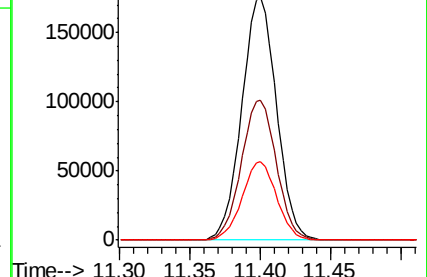
119 32.4 25.5 38.3

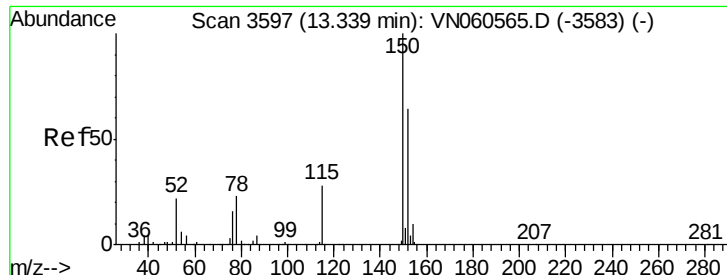


Abundance Ion 116.90 (116.60 to 117.60): VN060682.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060682.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060682.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060682.D

Acq: 24 Mar 2020 19:01

Instrument :

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ClientSampleId :

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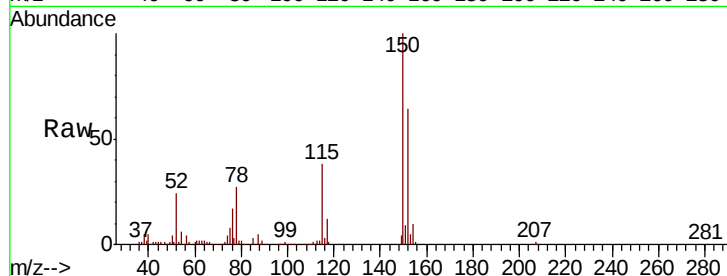
Tot Ion:152 Resp: 143631

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

150 156.2 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

