

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060926.D
 Acq On : 14 Apr 2020 12:29
 Operator : JC/MD
 Sample : L2205-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-04082020-B

Quant Time: Apr 15 08:45:58 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

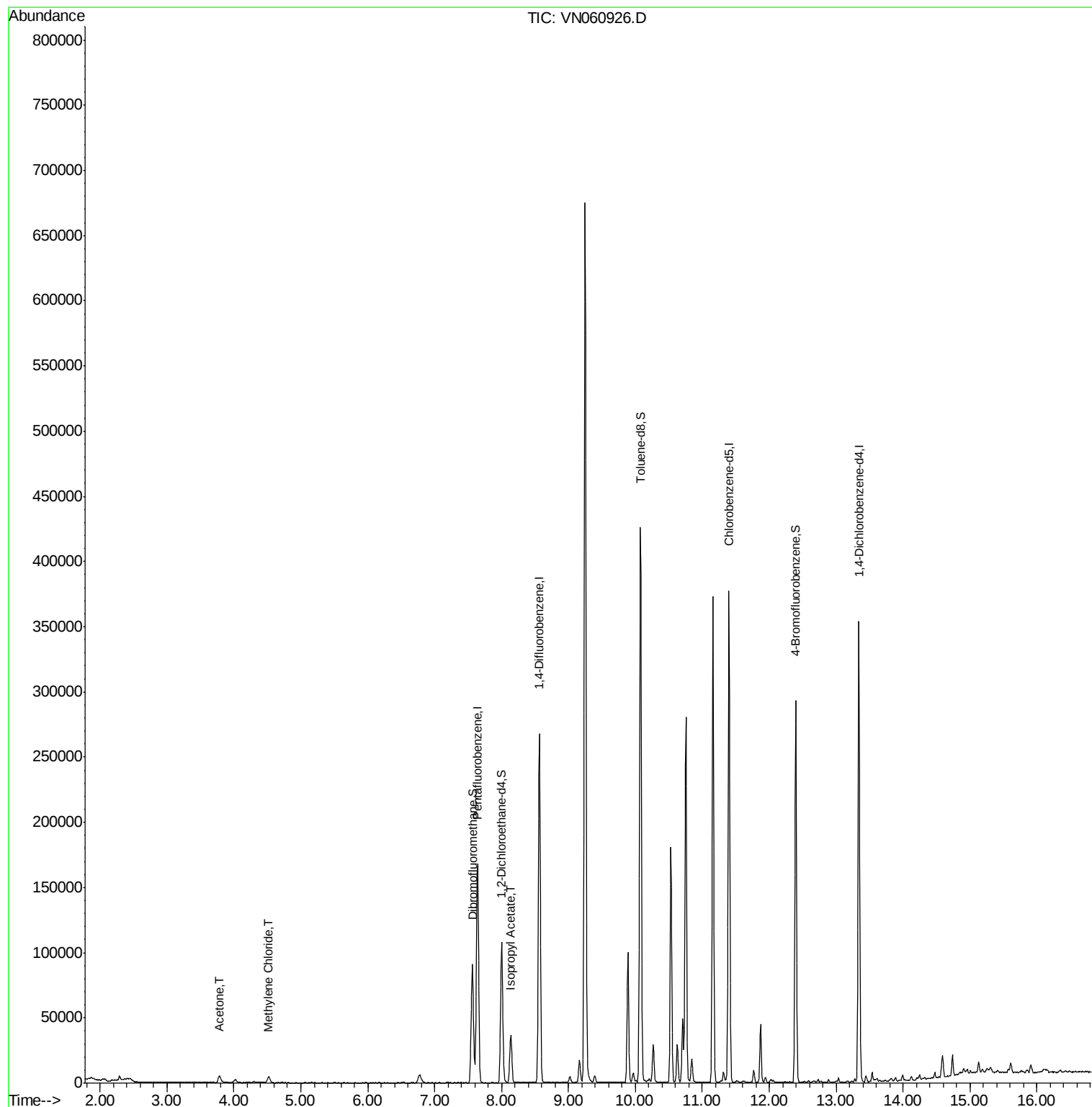
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	138194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	233048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	212872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	91690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	91532	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	7.56	113	69327	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	10.08	98	289879	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.40	95	103501	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
Target Compounds						
16) Acetone	3.79	43	10166	15.128	ug/l	99
20) Methylene Chloride	4.52	84	3708	2.243	ug/l	90
43) Isopropyl Acetate	8.14	43	44583	11.087	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# 1825

Delta R.T. -0.00 min

Lab File: VN060926.D

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ClientSampleId :

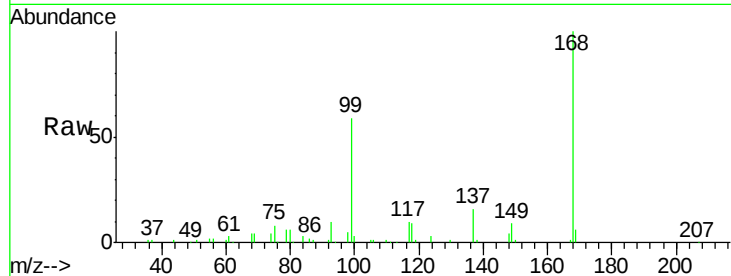
JC-02-04082020-B

Tot Ion:168 Resp: 138194

Ion Ratio Lower Upper

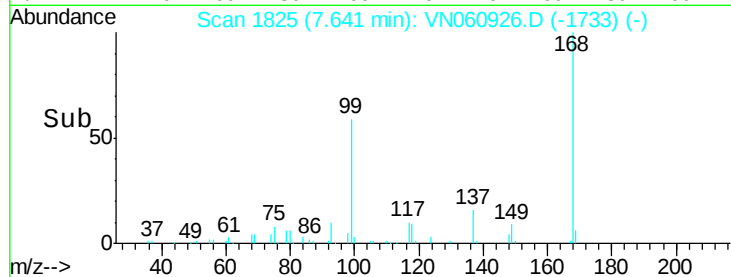
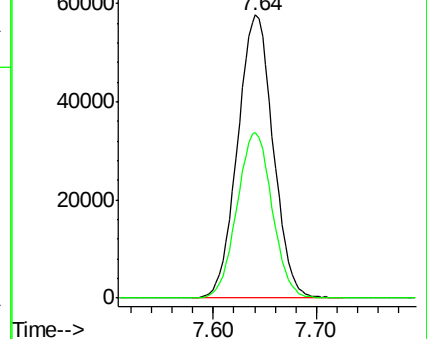
168 100

99 58.5 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: 15.128 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060926.D

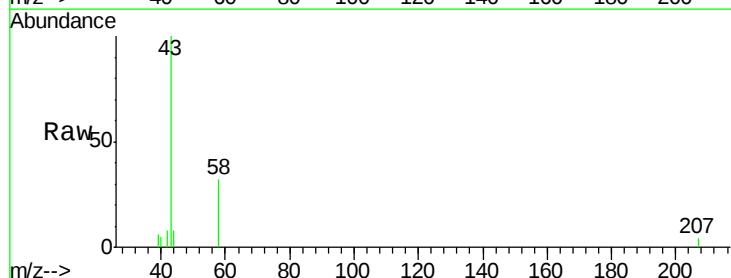
Acq: 14 Apr 2020 12:29

Tgt Ion: 43 Resp: 10166

Ion Ratio Lower Upper

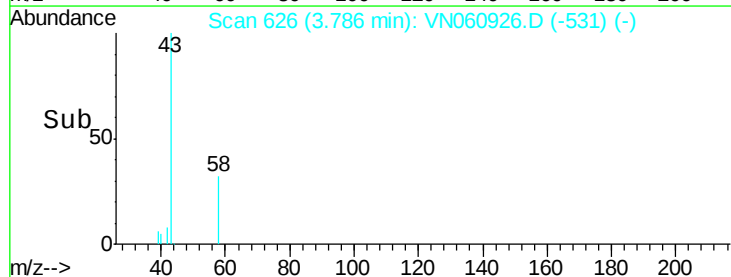
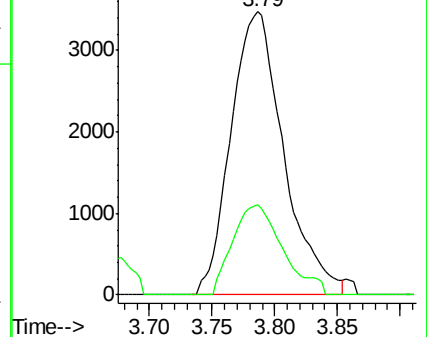
43 100

58 31.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

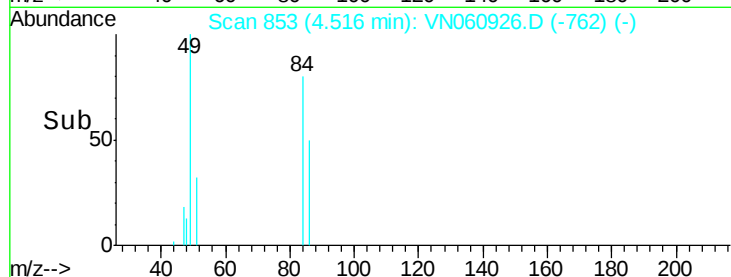
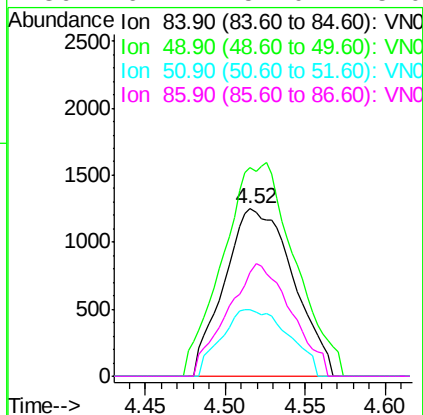
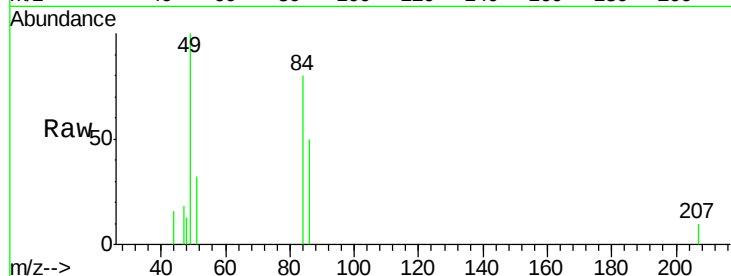




#20
Methylene Chloride
Concen: 2.243 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060926.D
Acq: 14 Apr 2020 12:29

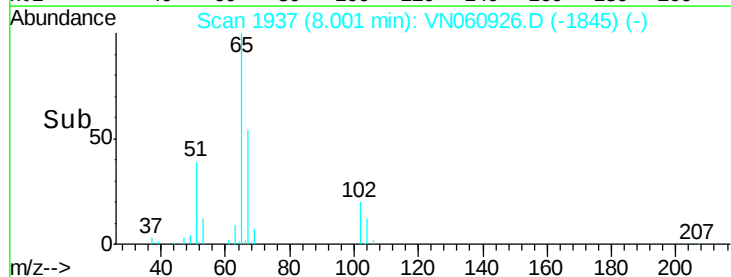
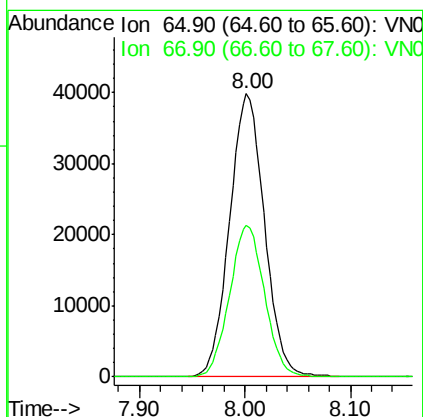
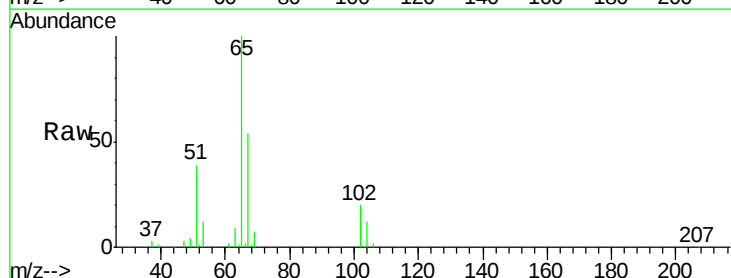
Instrument :
MSVOA_N
ClientSampleId :
JC-02-04082020-B

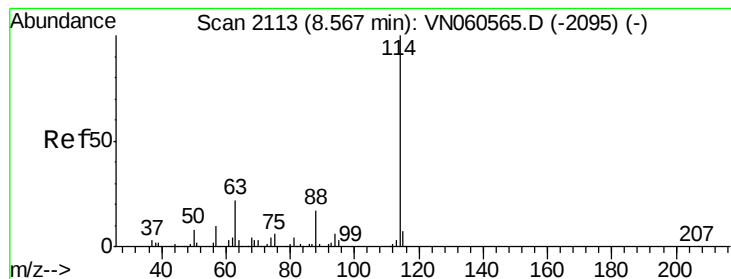
Tot Ion: 84 Resp: 3708
Ion Ratio Lower Upper
84 100
49 110.3 103.3 154.9
51 39.7 31.6 47.4
86 62.2 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 48.249 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060926.D
Acq: 14 Apr 2020 12:29

Tgt Ion: 65 Resp: 91532
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-B

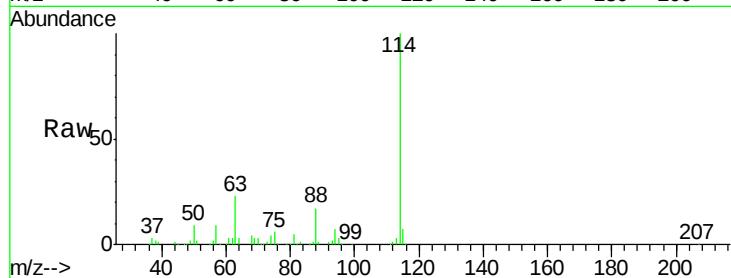
Tot Ion:114 Resp: 233048

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

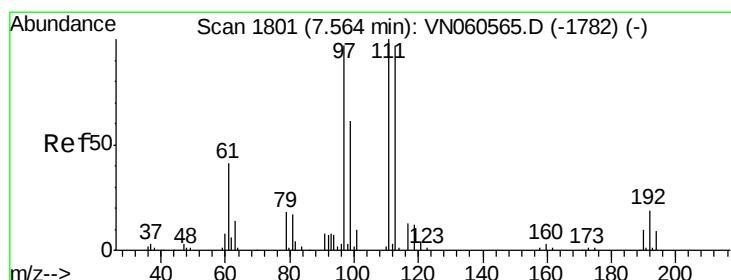
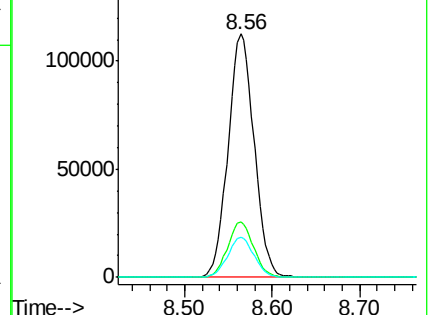
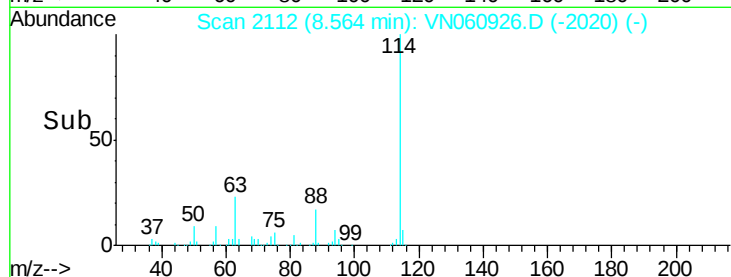
88 16.7 0.0 33.0



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: 49.197 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

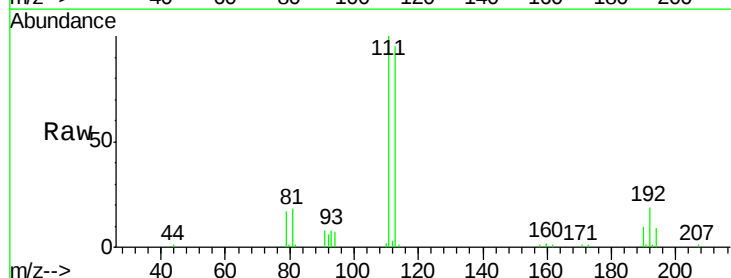
Tgt Ion:113 Resp: 69327

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

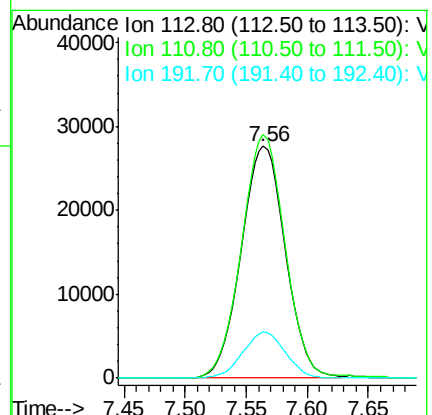
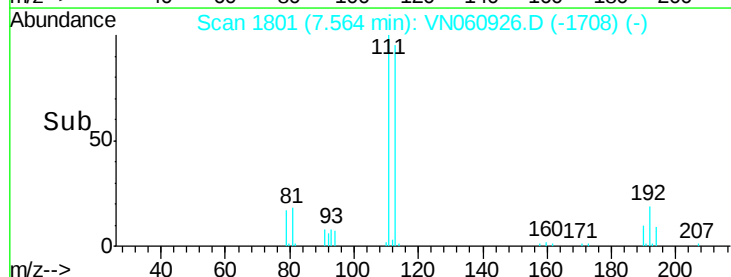
192 19.1 15.8 23.8



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: 11.087 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-B

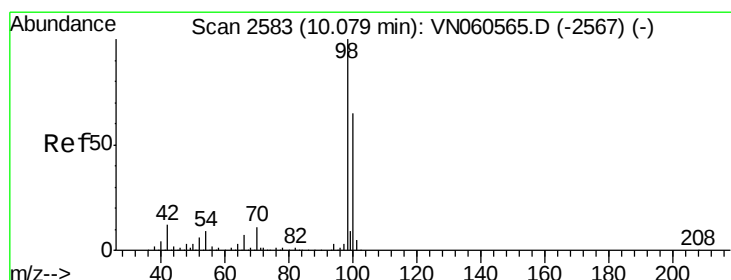
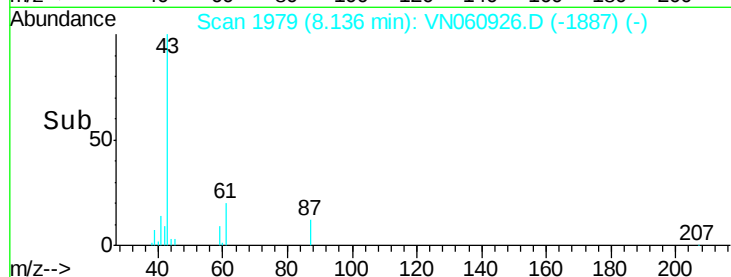
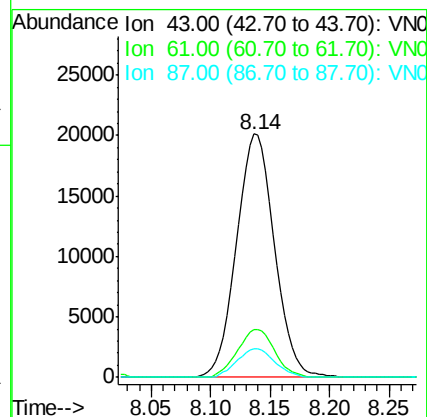
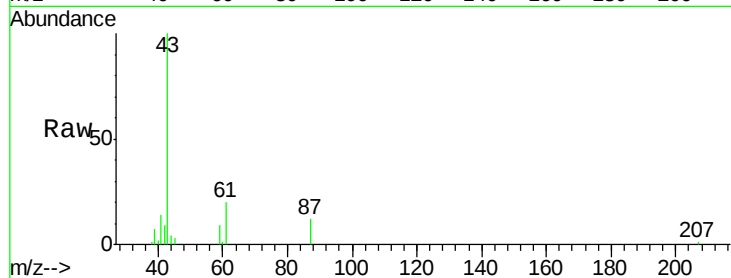
Tot Ion: 43 Resp: 44583

Ion Ratio Lower Upper

43 100

61 19.2 20.7 31.1#

87 11.6 9.8 14.8



#50

Toluene-d8

Concen: 50.362 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060926.D

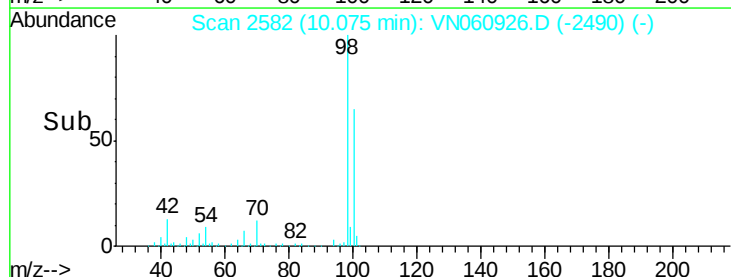
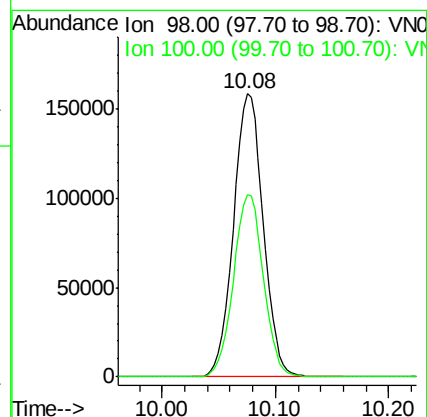
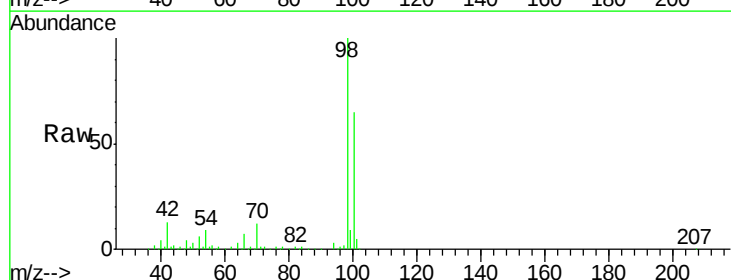
Acq: 14 Apr 2020 12:29

Tgt Ion: 98 Resp: 289879

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 49.065 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-B

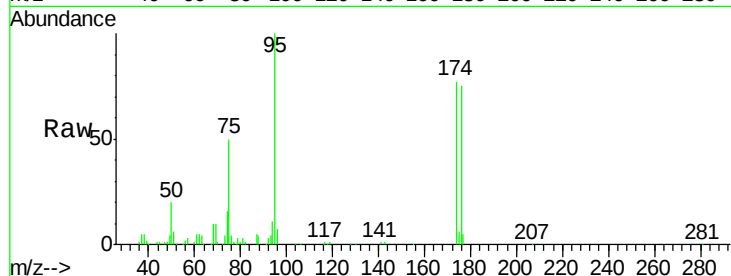
Tot Ion: 95 Resp: 103501

Ion Ratio Lower Upper

95 100

174 76.6 0.0 157.6

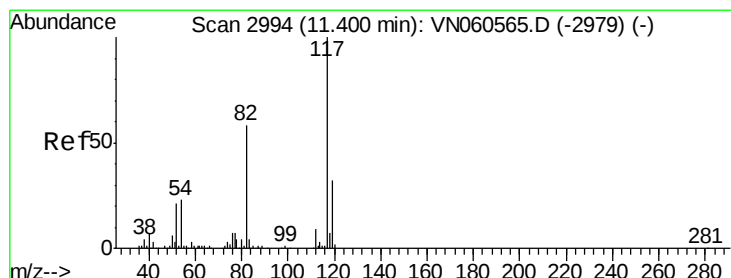
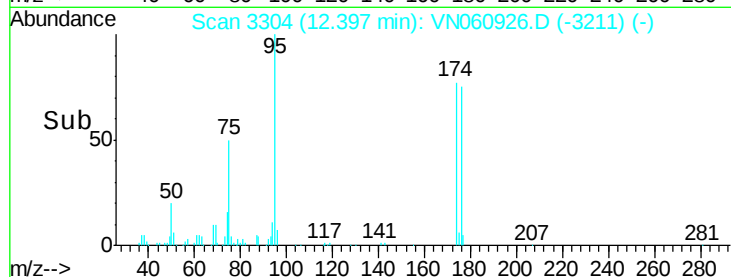
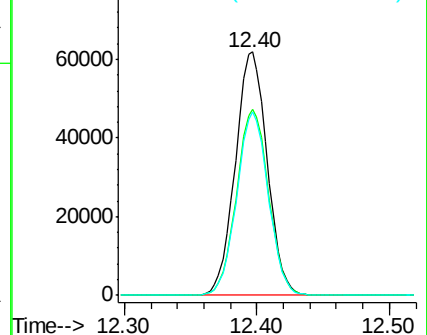
176 74.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060926.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060926.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060926.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

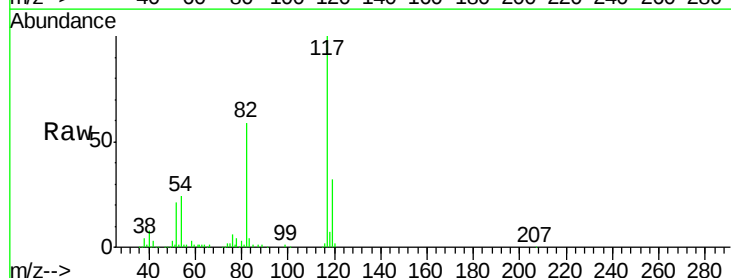
Tgt Ion: 117 Resp: 212872

Ion Ratio Lower Upper

117 100

82 58.6 46.7 70.1

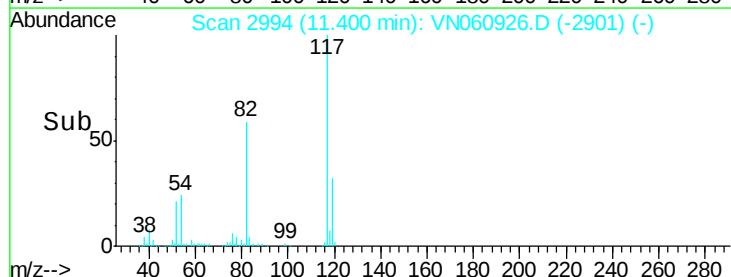
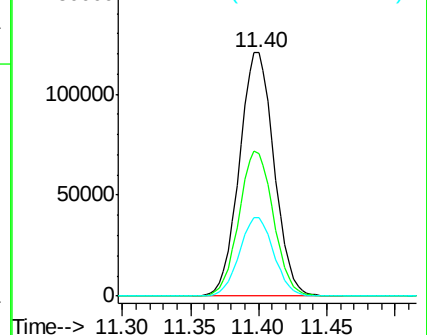
119 32.2 25.5 38.3

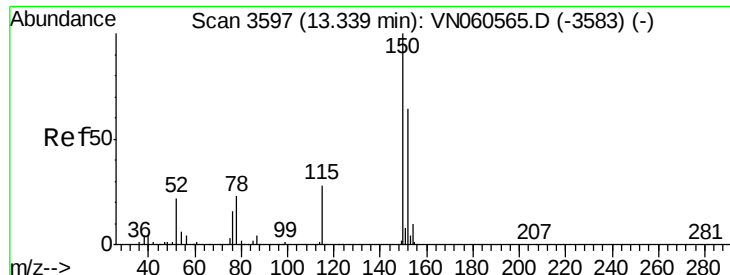


Abundance Ion 116.90 (116.60 to 117.60): VN060926.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060926.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060926.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: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-B

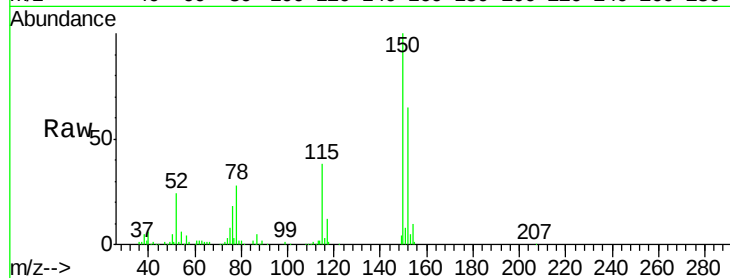
Tot Ion:152 Resp: 91690

Ion Ratio Lower Upper

152 100

115 60.2 30.2 90.6

150 157.0 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

