

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060917.D
 Acq On : 13 Apr 2020 22:50
 Operator : JC/MD
 Sample : L2195-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-204

Quant Time: Apr 14 08:03:30 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

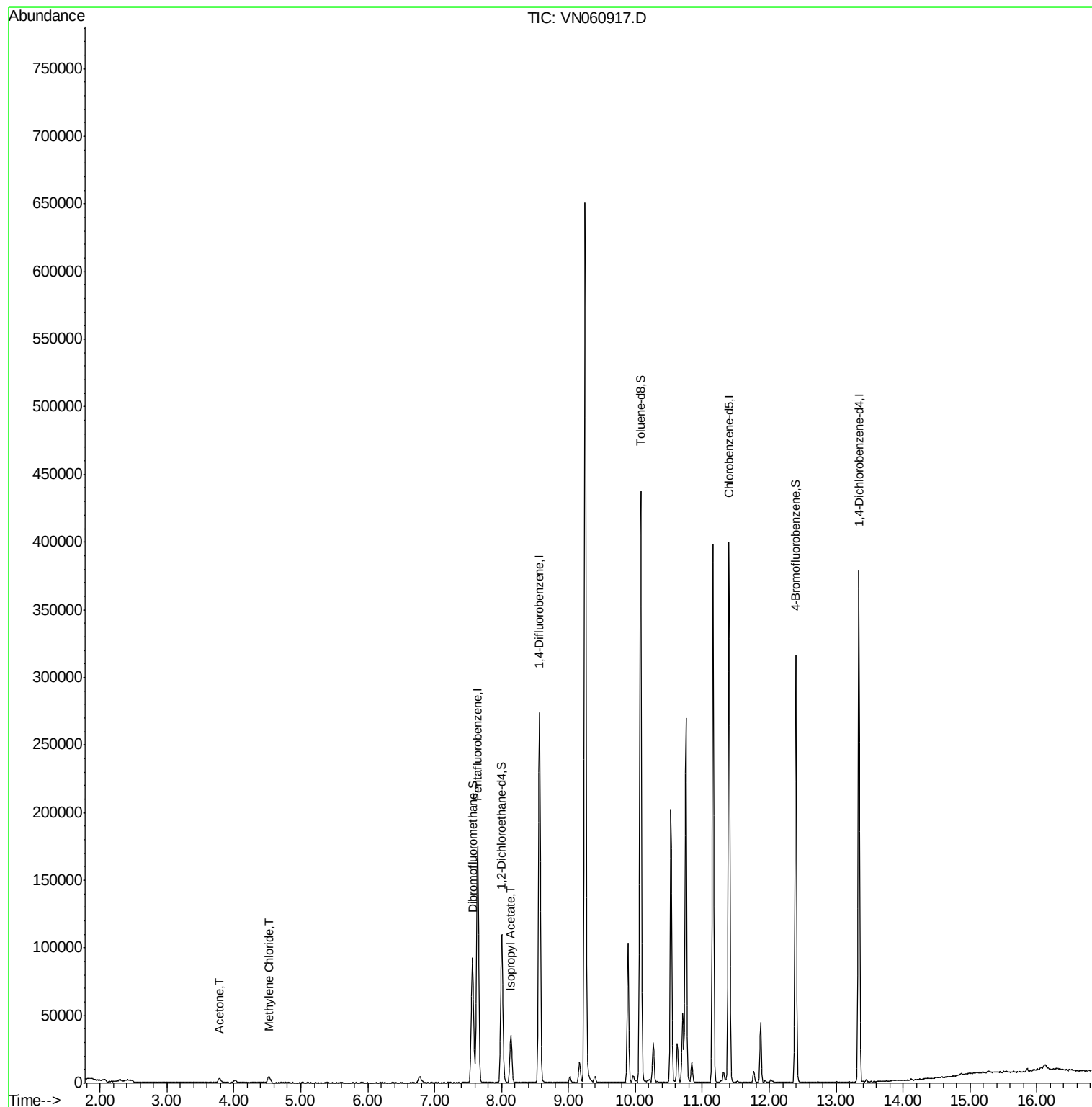
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	141989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	242183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	224706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	94513	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	7.56	113	71555	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	10.08	98	300065	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.40	95	110283	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
Target Compounds						
16) Acetone	3.79	43	6857	9.931	ug/l	99
20) Methylene Chloride	4.52	84	3725	2.193	ug/l	96
43) Isopropyl Acetate	8.14	43	42926	10.272	ug/l #	90

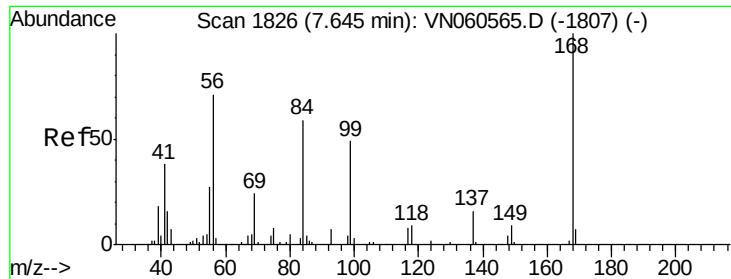
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060917.D

Acq: 13 Apr 2020 22:50

Instrument :

MSVOA_N

ClientSampleId :

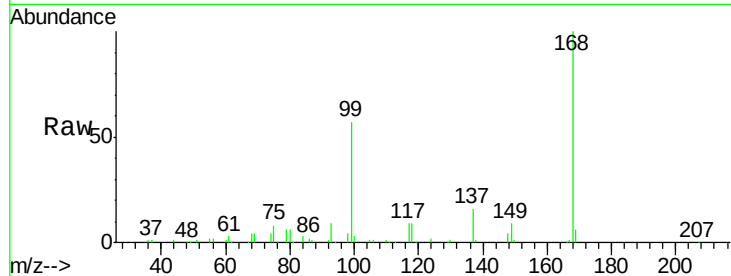
VNJ-204

Tot Ion:168 Resp: 141989

Ion Ratio Lower Upper

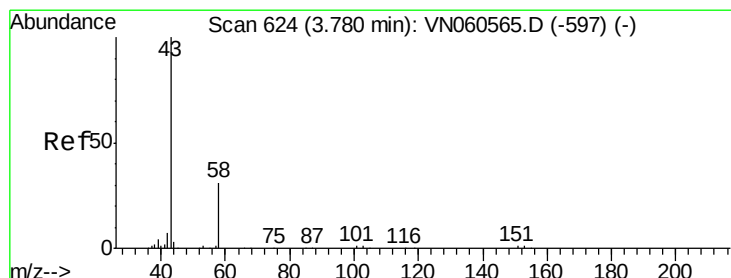
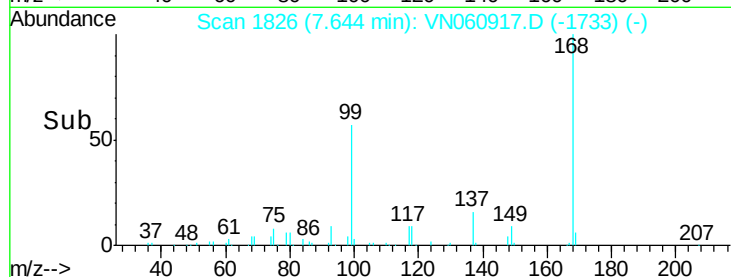
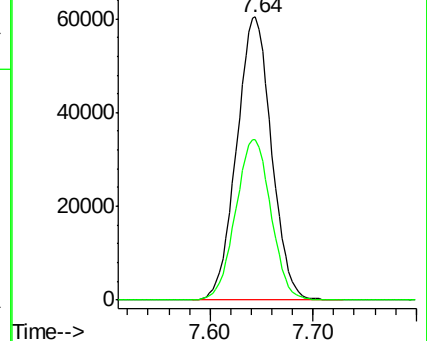
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.931 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060917.D

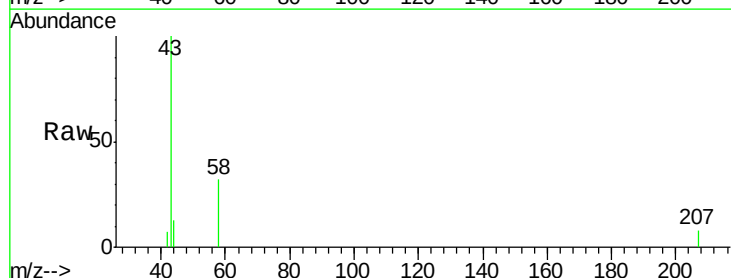
Acq: 13 Apr 2020 22:50

Tgt Ion: 43 Resp: 6857

Ion Ratio Lower Upper

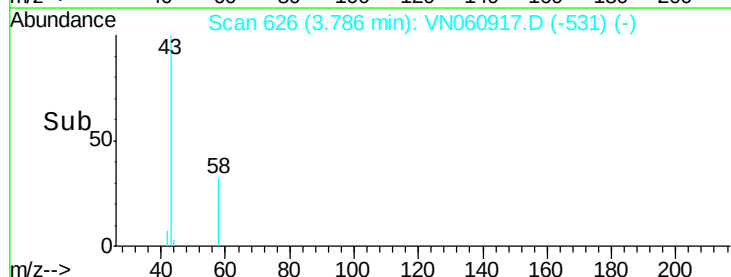
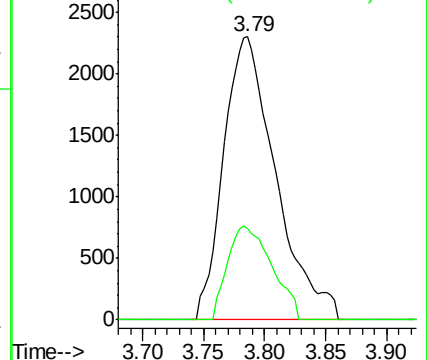
43 100

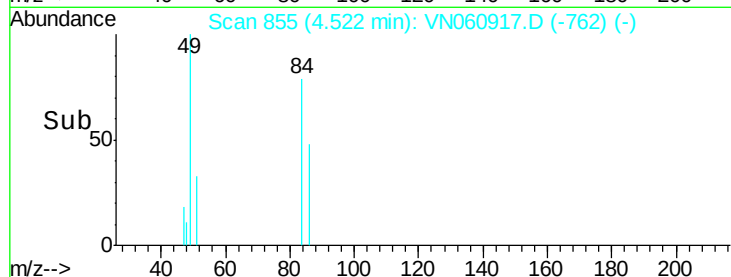
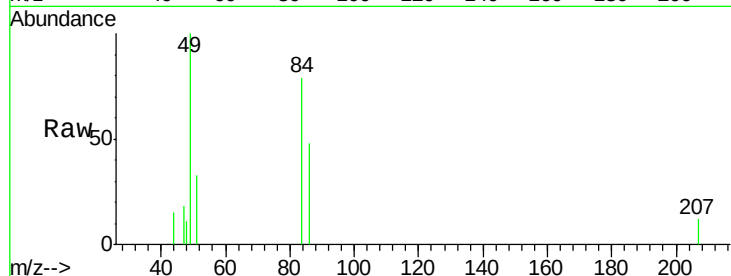
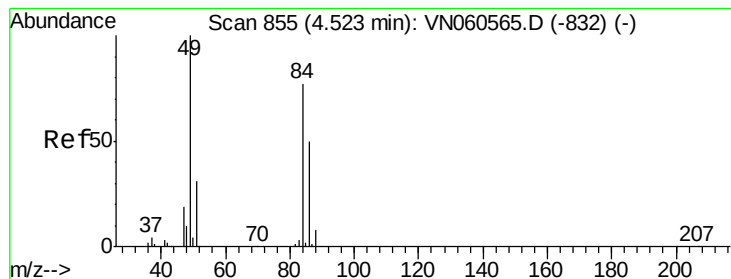
58 32.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 2.193 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060917.D

Acq: 13 Apr 2020 22:50

Instrument :

MSVOA_N

ClientSampled :

VNJ-204

Tot Ion: 84 Resp: 3725

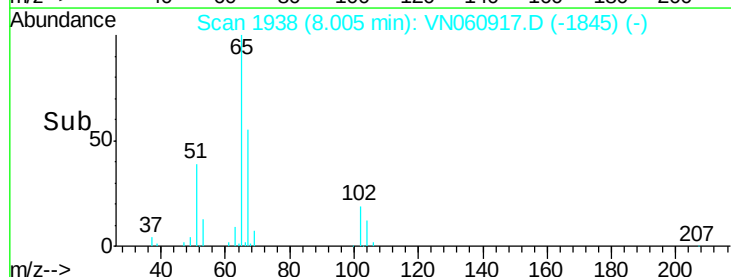
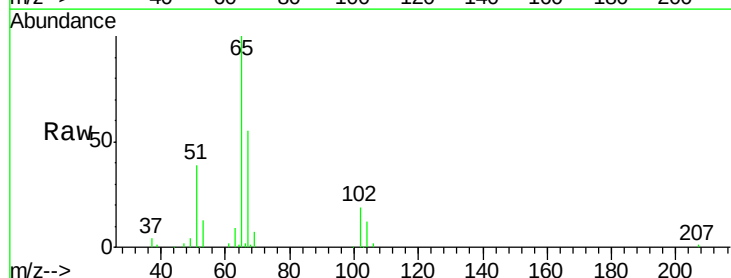
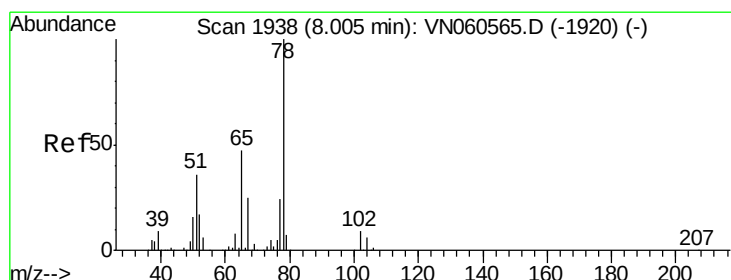
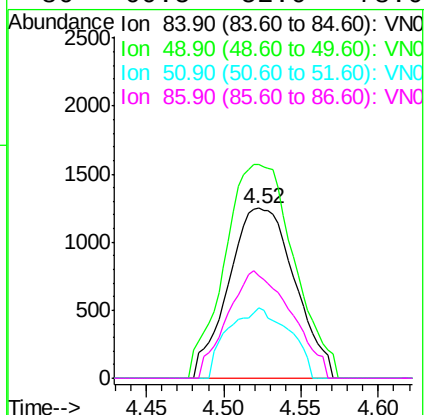
Ion Ratio Lower Upper

84 100

49 125.9 103.3 154.9

51 41.6 31.6 47.4

86 60.5 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 48.488 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060917.D

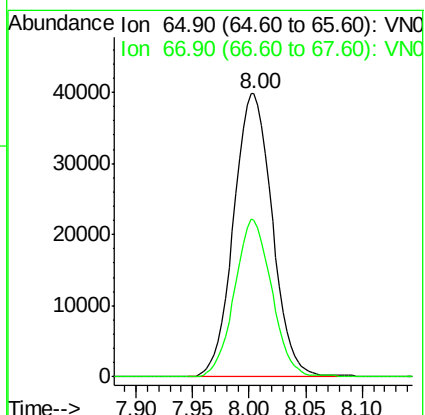
Acq: 13 Apr 2020 22:50

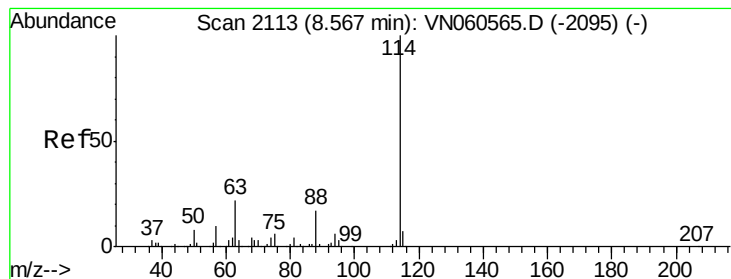
Tgt Ion: 65 Resp: 94513

Ion Ratio Lower Upper

65 100

67 53.6 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: VN060917.D

Acq: 13 Apr 2020 22:50

Instrument :

MSVOA_N

ClientSampleId :

VNJ-204

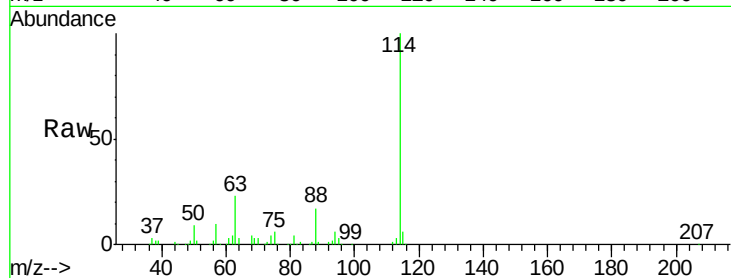
Tot Ion:114 Resp: 242183

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.8

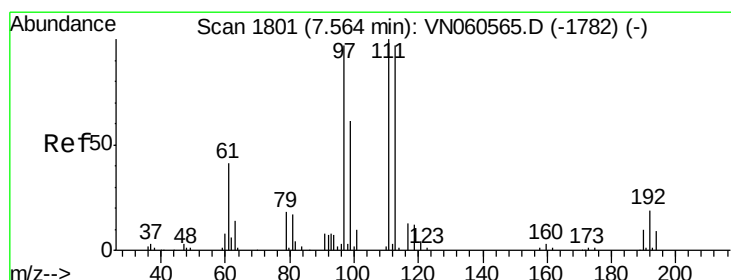
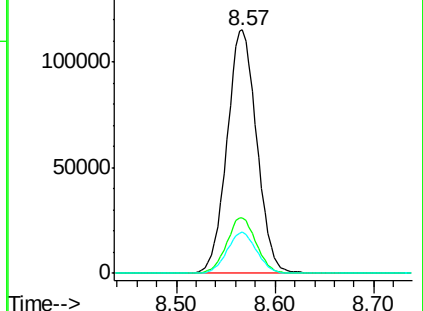
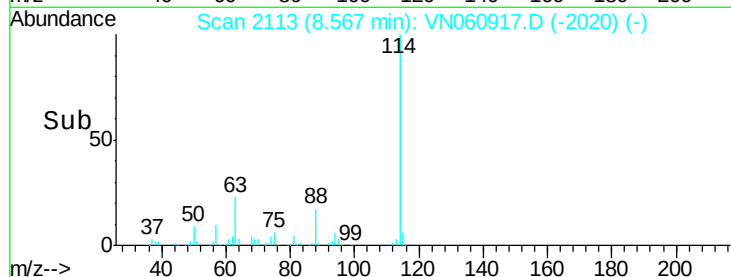
88 16.8 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.863 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060917.D

Acq: 13 Apr 2020 22:50

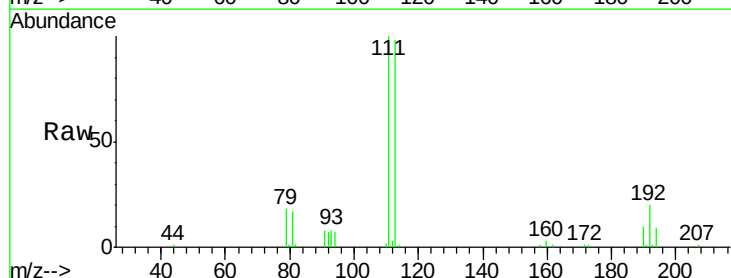
Tgt Ion:113 Resp: 71555

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

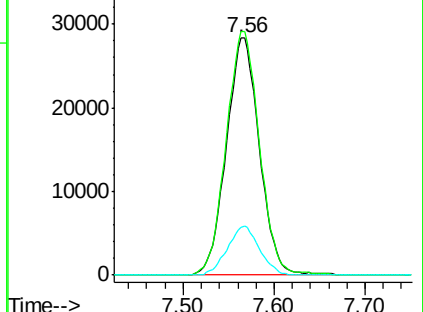
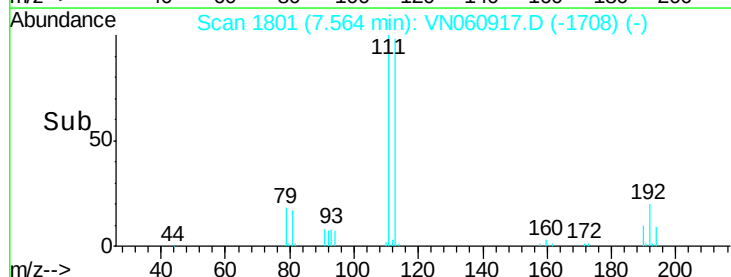
192 19.9 15.8 23.8

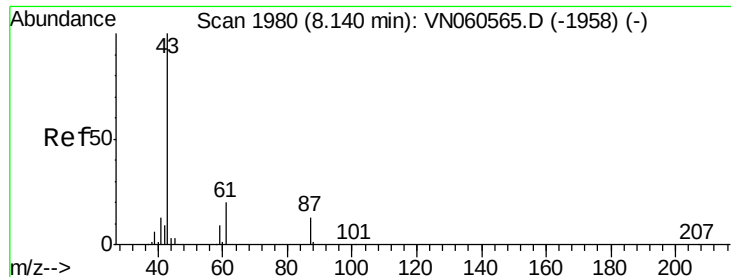


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.272 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060917.D

Acq: 13 Apr 2020 22:50

Instrument :

MSVOA_N

ClientSampled :

VNJ-204

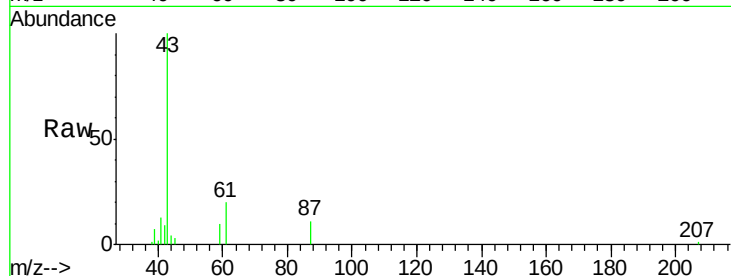
Tot Ion: 43 Resp: 42926

Ion Ratio Lower Upper

43 100

61 19.2 20.7 31.1#

87 11.3 9.8 14.8

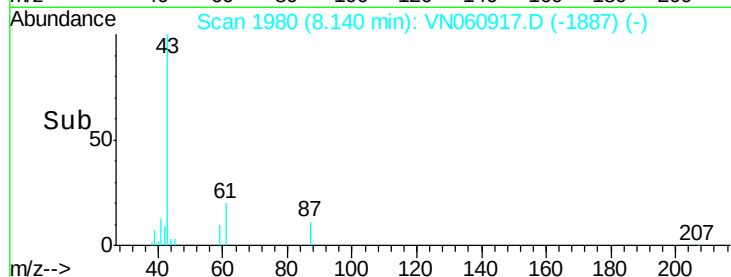


Abundance Ion 43.00 (42.70 to 43.70): VN060917.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060917.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060917.D (-1887) (-)

Time-->



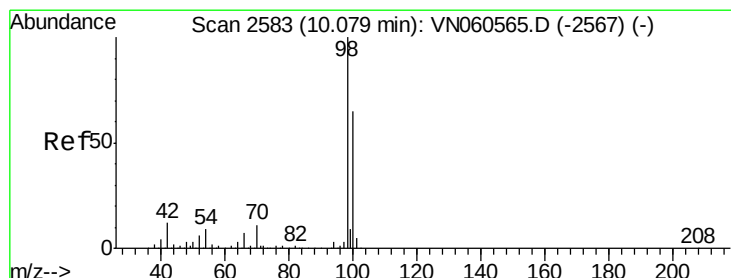
Abundance

Ion 43.00 (42.70 to 43.70): VN060917.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060917.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060917.D (-1887) (-)

Time-->



#50

Toluene-d8

Concen: 50.165 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060917.D

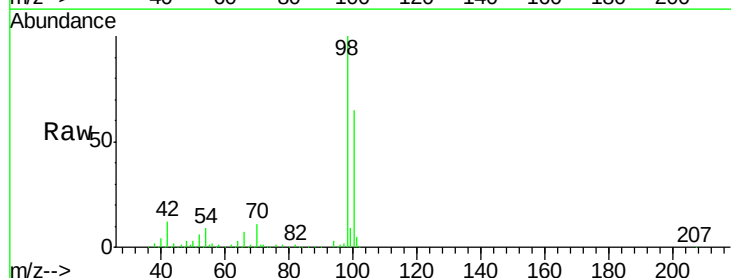
Acq: 13 Apr 2020 22:50

Tgt Ion: 98 Resp: 300065

Ion Ratio Lower Upper

98 100

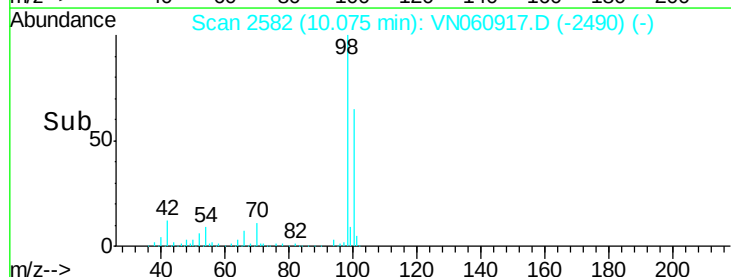
100 64.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060917.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060917.D (-2490) (-)

Time-->

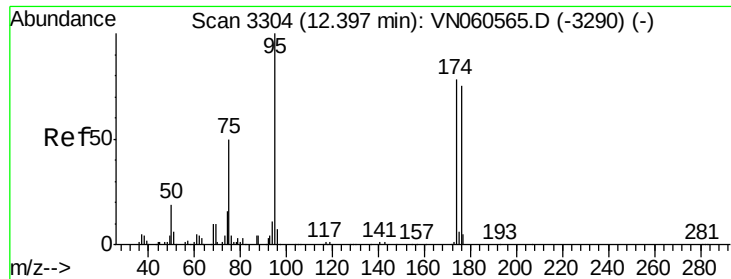


Abundance

Ion 98.00 (97.70 to 98.70): VN060917.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060917.D (-2490) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: 50.308 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060917.D

Acq: 13 Apr 2020 22:50

Instrument :

MSVOA_N

ClientSampled :

VNJ-204

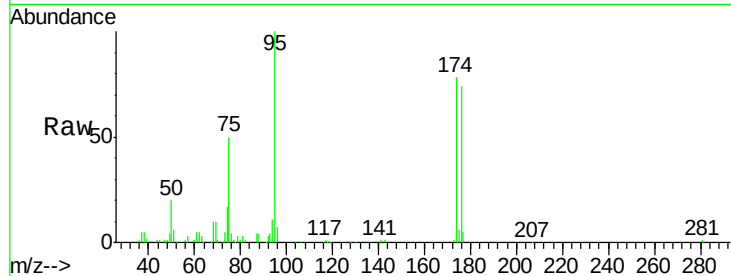
Tot Ion: 95 Resp: 110283

Ion Ratio Lower Upper

95 100

174 76.2 0.0 157.6

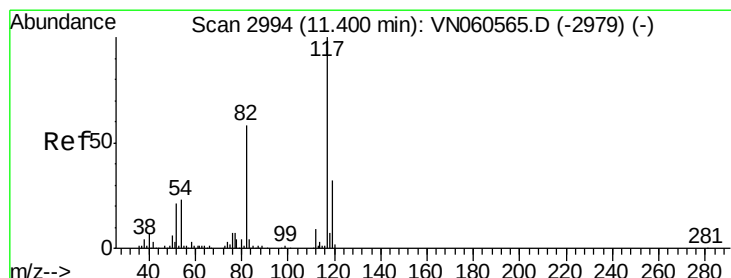
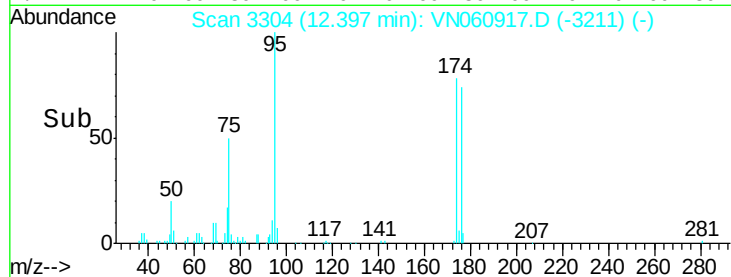
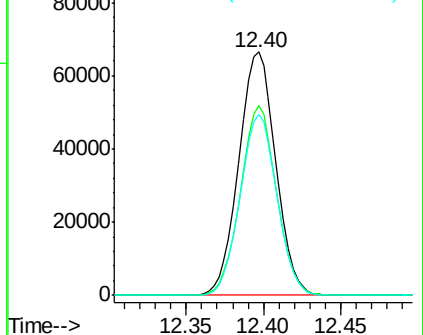
176 74.1 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060917.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060917.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060917.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060917.D

Acq: 13 Apr 2020 22:50

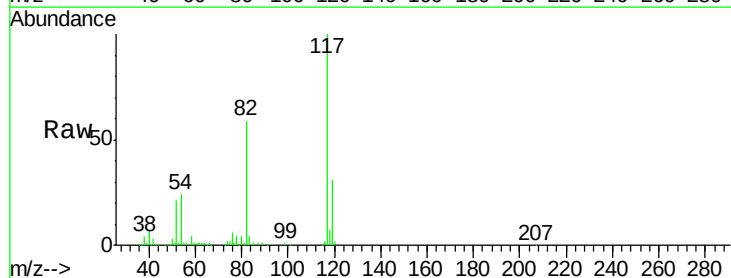
Tgt Ion: 117 Resp: 224706

Ion Ratio Lower Upper

117 100

82 58.6 46.7 70.1

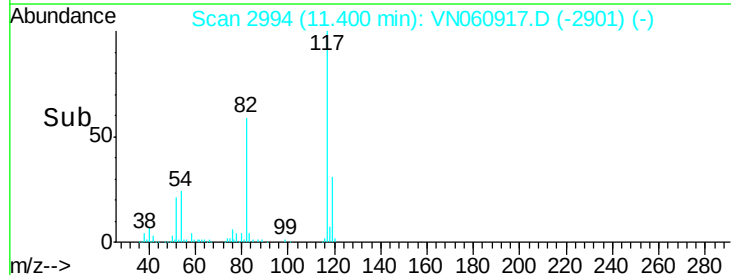
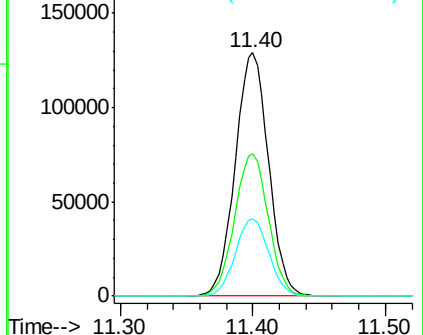
119 31.5 25.5 38.3

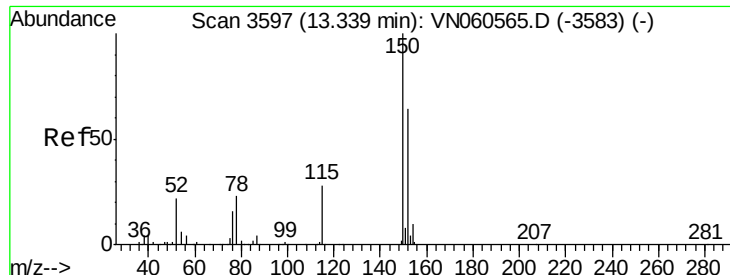


Abundance Ion 116.90 (116.60 to 117.60): VN060917.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060917.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060917.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: VN060917.D

Acq: 13 Apr 2020 22:50

Instrument :

MSVOA_N

ClientSampleId :

VNJ-204

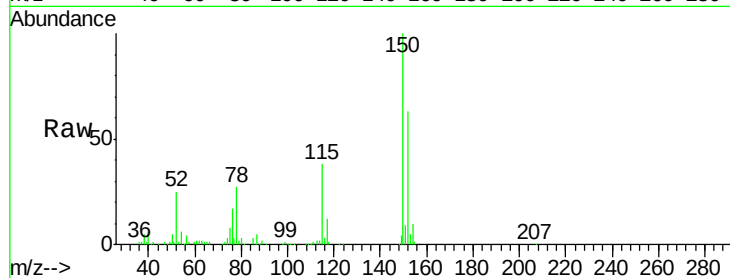
Tot Ion:152 Resp: 98074

Ion Ratio Lower Upper

152 100

115 60.9 30.2 90.6

150 158.3 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

