

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060638.D
 Acq On : 19 Mar 2020 15:46
 Operator : JC/MD
 Sample : L1965-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 80564952

Quant Time: Mar 20 07:42:55 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

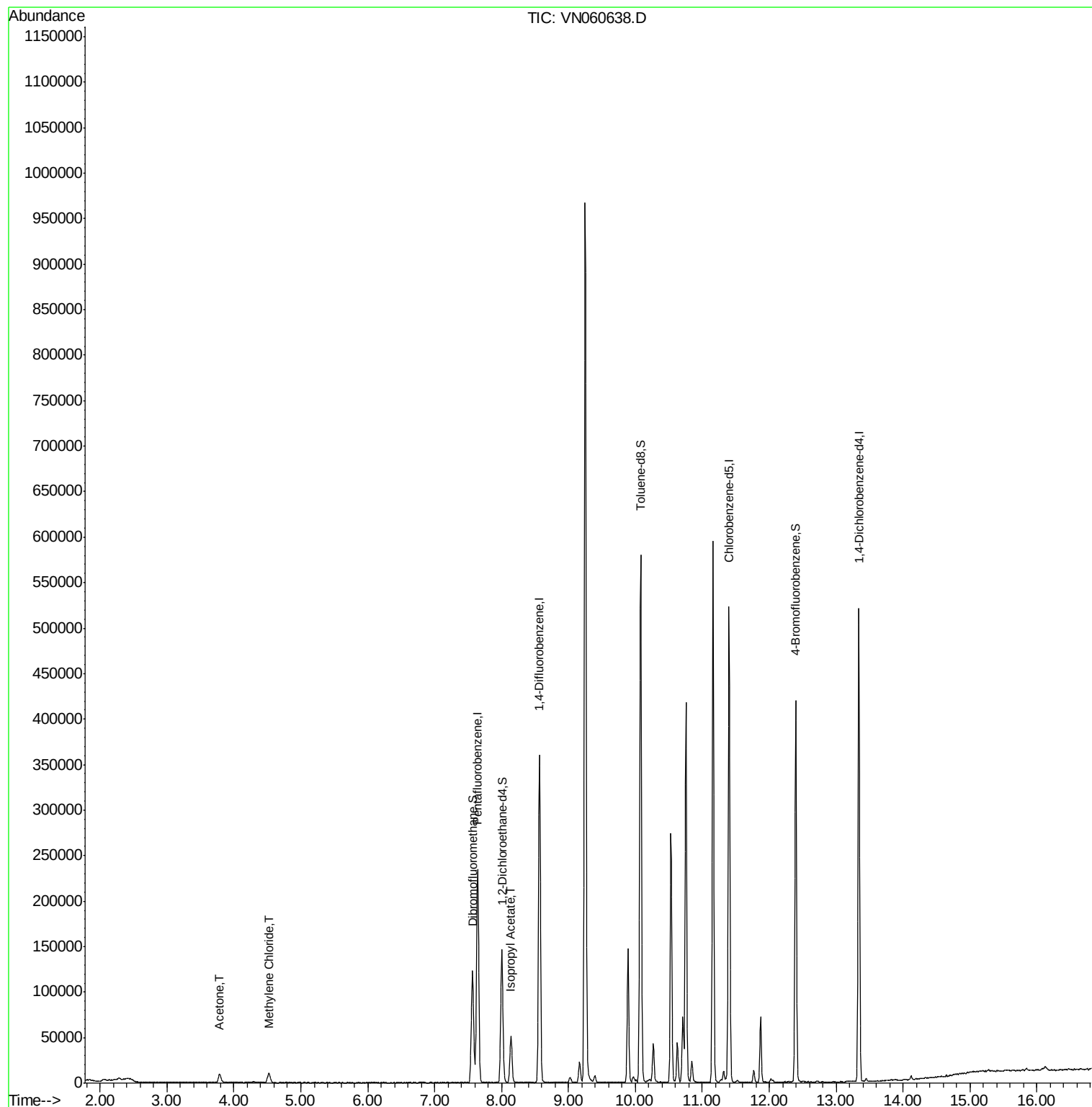
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	299952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126928	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
35) Dibromofluoromethane	7.57	113	95010	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.08	98	395808	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.40	95	147562	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
Target Compounds						
16) Acetone	3.78	43	17557	18.713	ug/l	98
20) Methylene Chloride	4.53	84	7849	3.401	ug/l	96
43) Isopropyl Acetate	8.14	43	61784	11.253	ug/l #	91

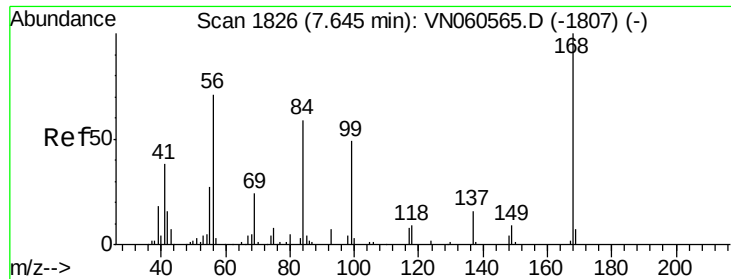
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060638.D

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Instrument :

MSVOA_N

ClientSampleId :

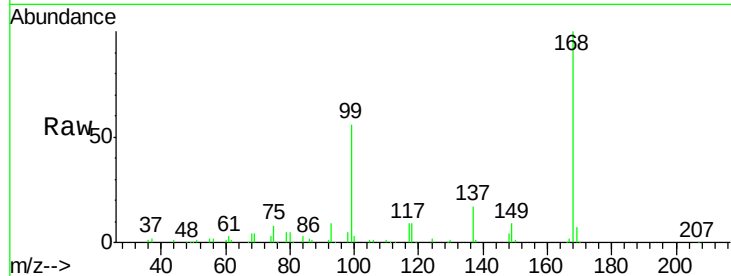
80564952

Tot Ion:168 Resp: 192944

Ion Ratio Lower Upper

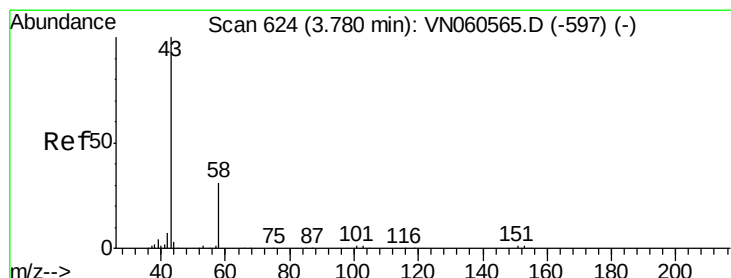
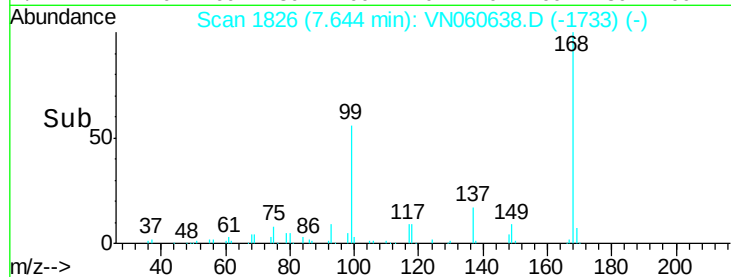
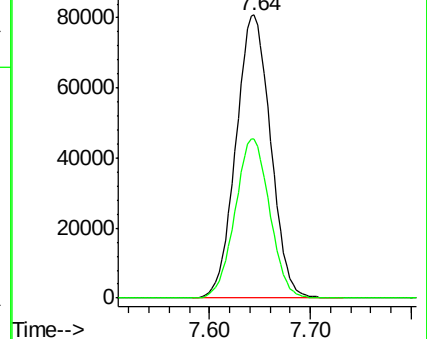
168 100

99 56.2 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: 18.713 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060638.D

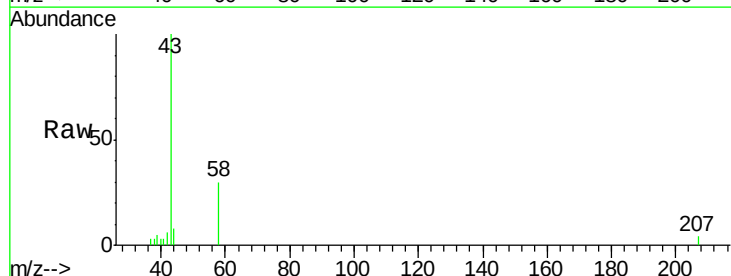
Acq: 19 Mar 2020 15:46

Tgt Ion: 43 Resp: 17557

Ion Ratio Lower Upper

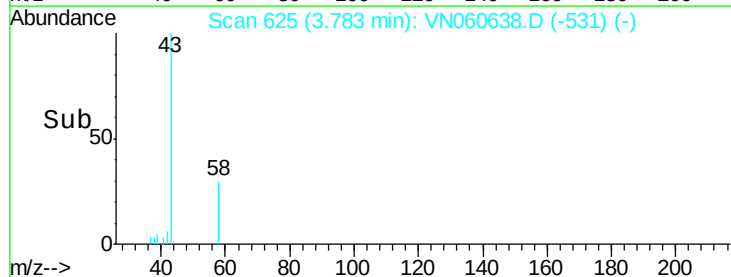
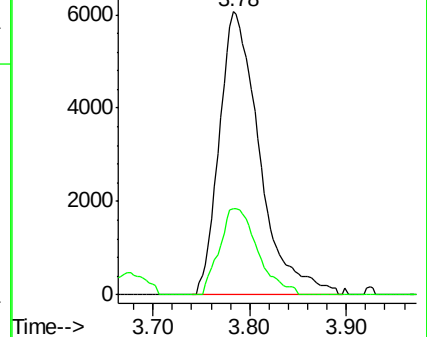
43 100

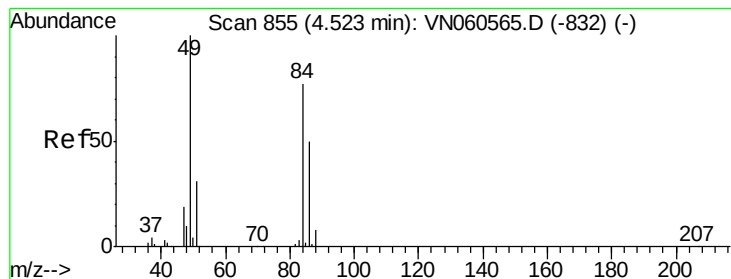
58 30.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 3.401 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN060638.D

Acq: 19 Mar 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

80564952

Tot Ion: 84 Resp: 7849

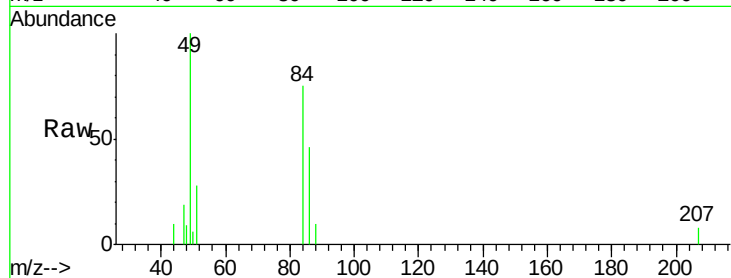
Ion Ratio Lower Upper

84 100

49 133.1 103.3 154.9

51 36.9 31.6 47.4

86 61.8 52.0 78.0

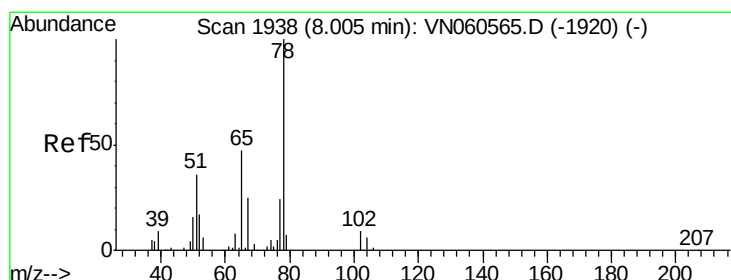
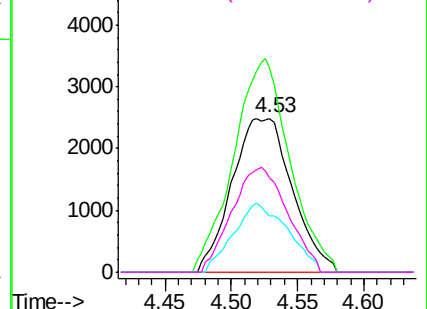
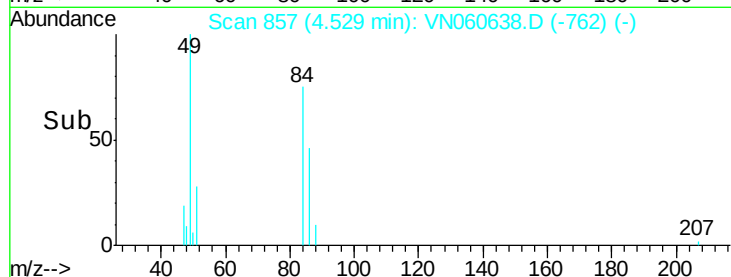


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.921 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060638.D

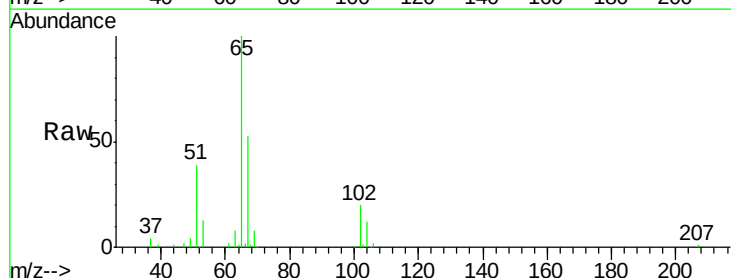
Acq: 19 Mar 2020 15:46

Tgt Ion: 65 Resp: 126928

Ion Ratio Lower Upper

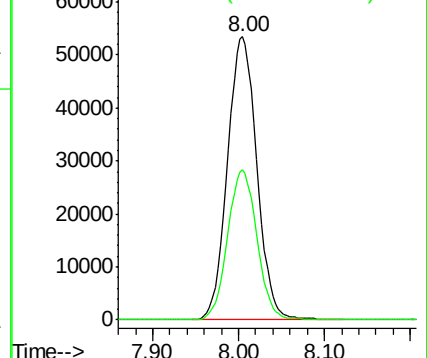
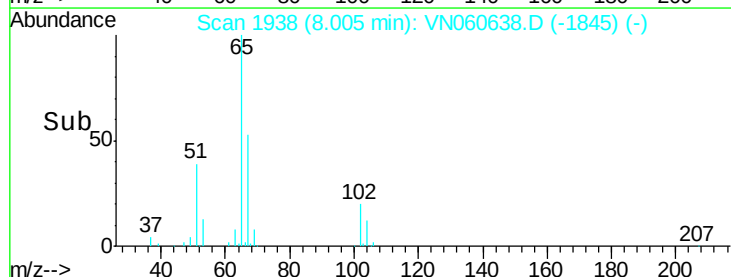
65 100

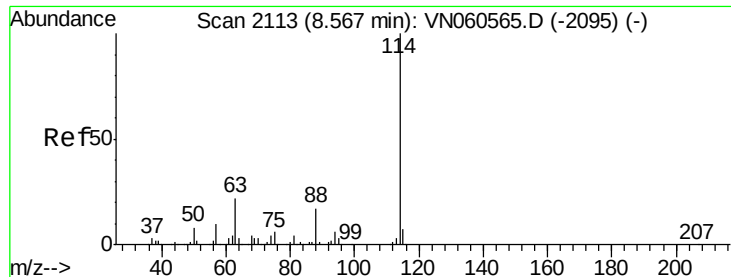
67 52.9 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

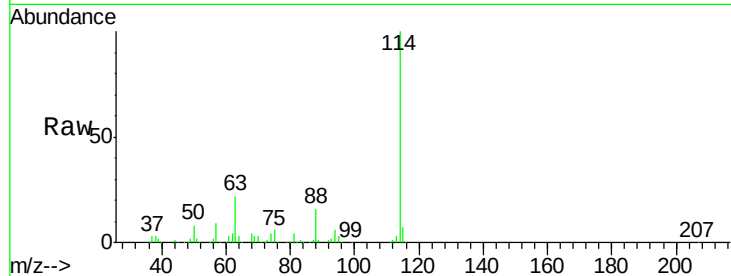




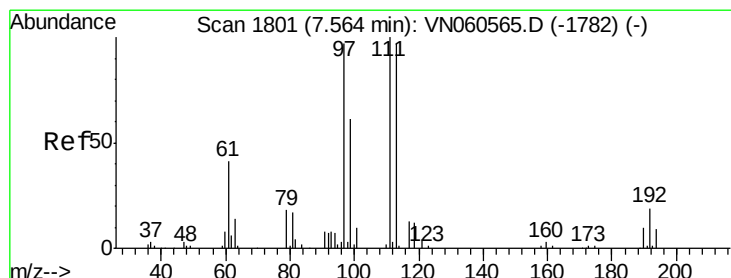
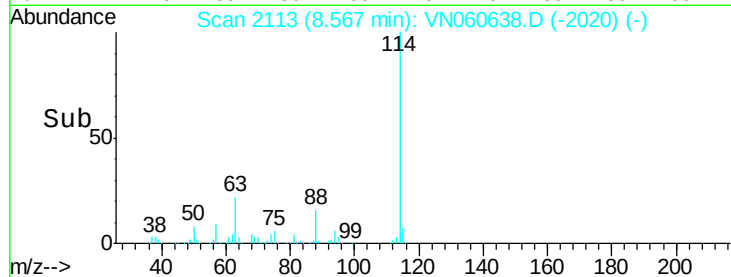
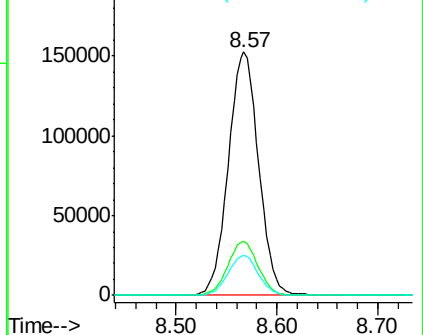
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060638.D
 Acq: 19 Mar 2020 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 80564952

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.8
88	16.4	0.0	33.0

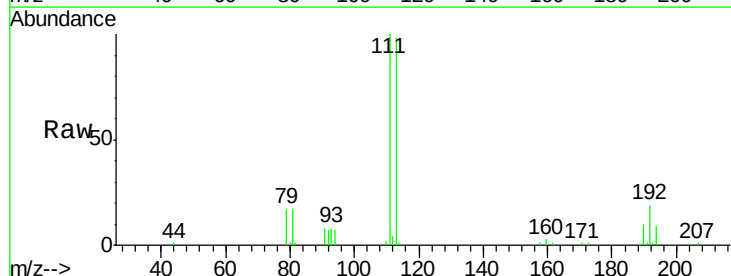


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

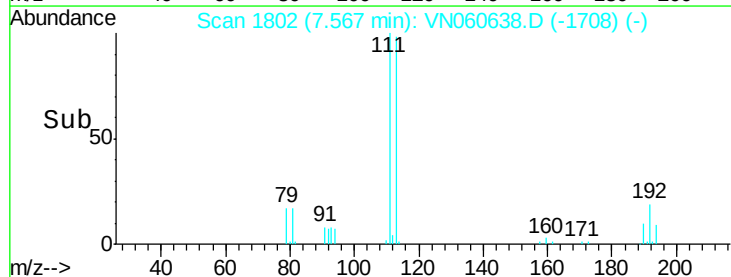
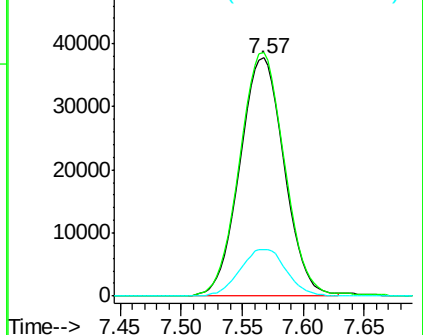


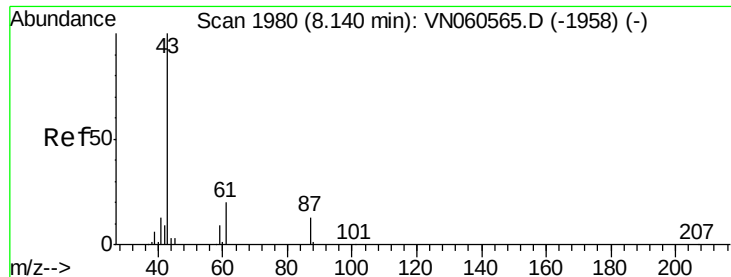
#35
 Dibromofluoromethane
 Concen: 49.382 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060638.D
 Acq: 19 Mar 2020 15:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	20.4	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: 11.253 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060638.D

Acq: 19 Mar 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

80564952

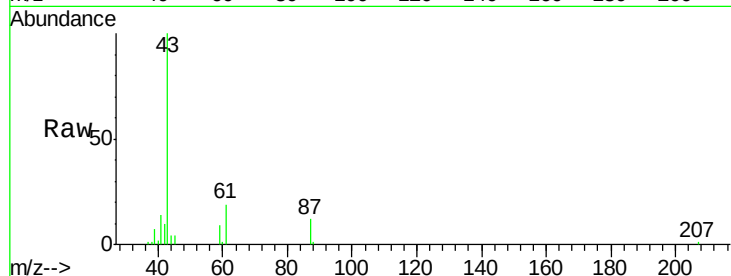
Tot Ion: 43 Resp: 61784

Ion Ratio Lower Upper

43 100

61 19.2 20.7 31.1#

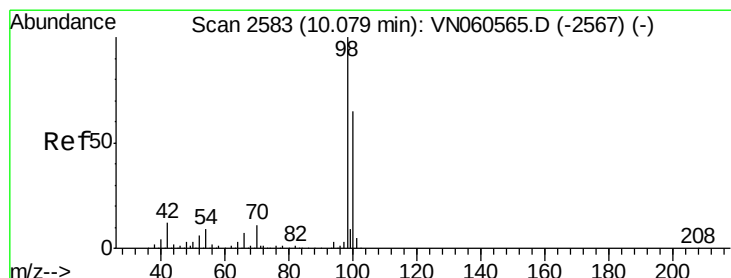
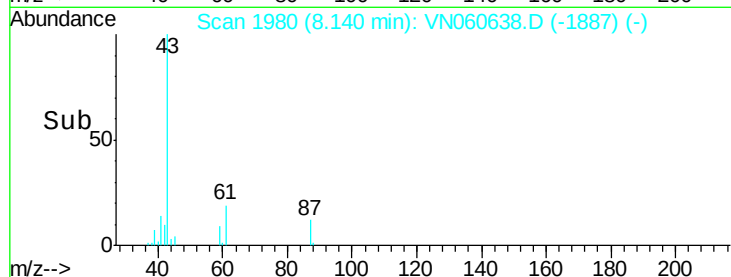
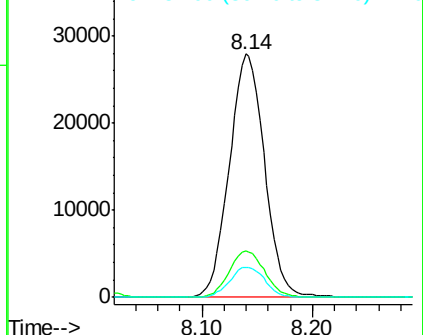
87 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#50

Toluene-d8

Concen: 50.365 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060638.D

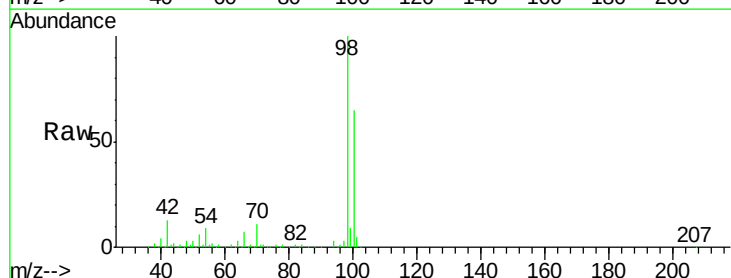
Acq: 19 Mar 2020 15:46

Tgt Ion: 98 Resp: 395808

Ion Ratio Lower Upper

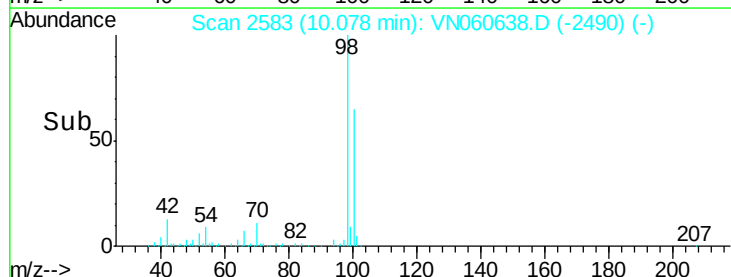
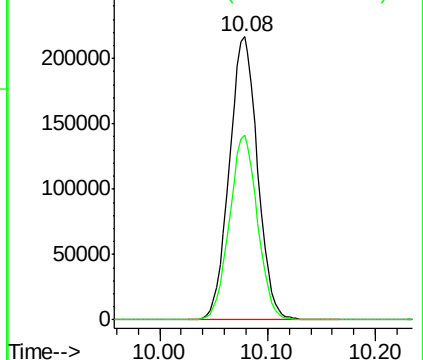
98 100

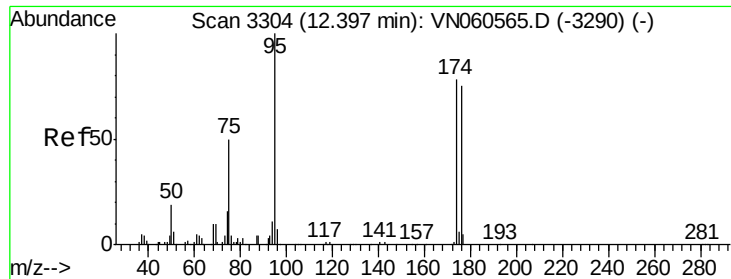
100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060565.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060565.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 51.235 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060638.D

Acq: 19 Mar 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

80564952

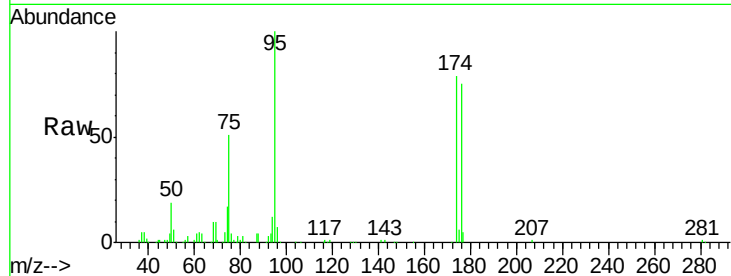
Tot Ion: 95 Resp: 147562

Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.6

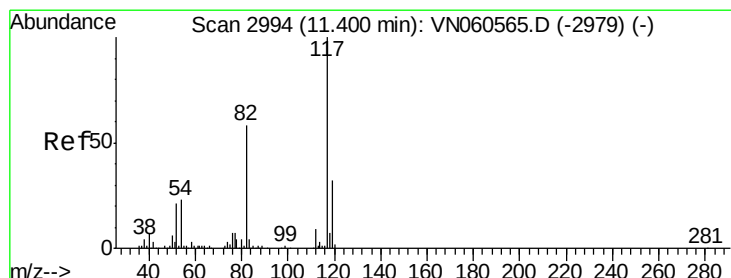
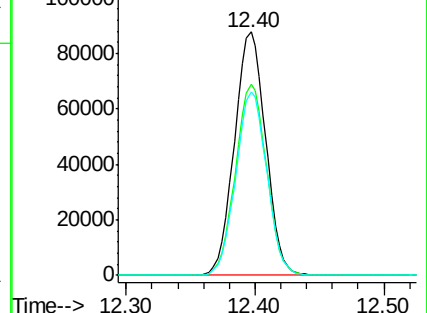
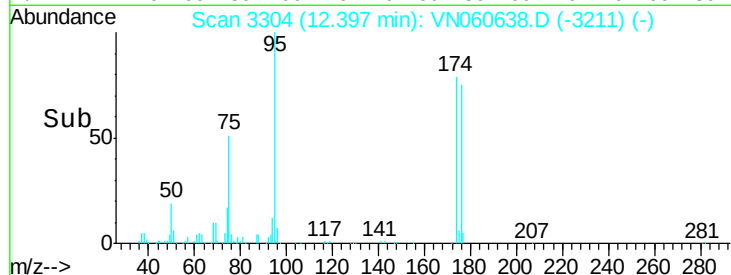
176 75.1 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060638.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060638.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060638.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060638.D

Acq: 19 Mar 2020 15:46

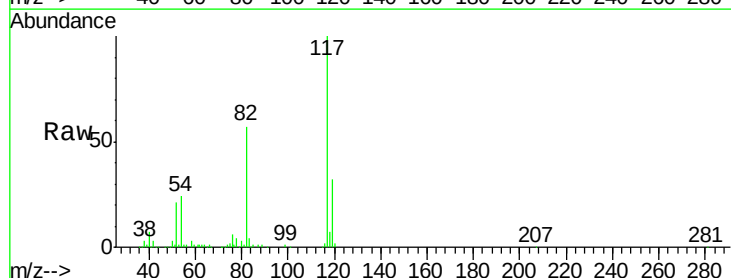
Tgt Ion: 117 Resp: 299952

Ion Ratio Lower Upper

117 100

82 57.4 46.7 70.1

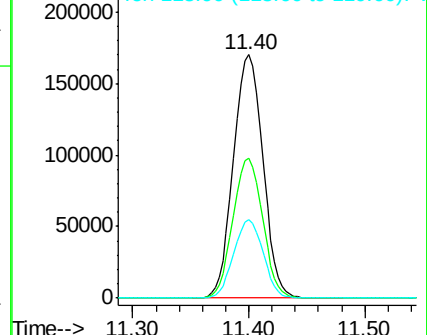
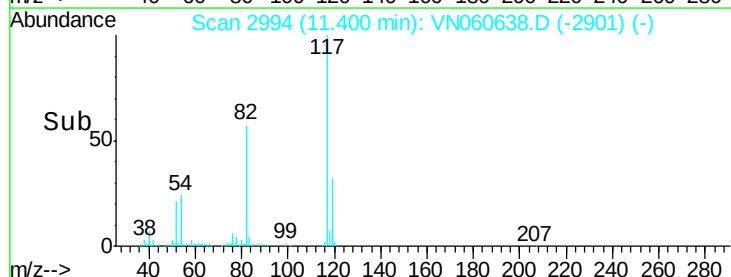
119 32.1 25.5 38.3

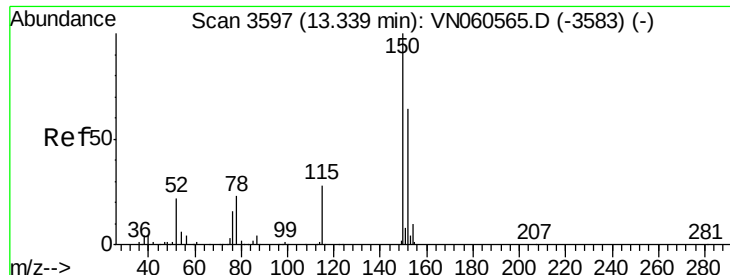


Abundance Ion 116.90 (116.60 to 117.60): VN060638.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060638.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060638.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: VN060638.D

Acq: 19 Mar 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

80564952

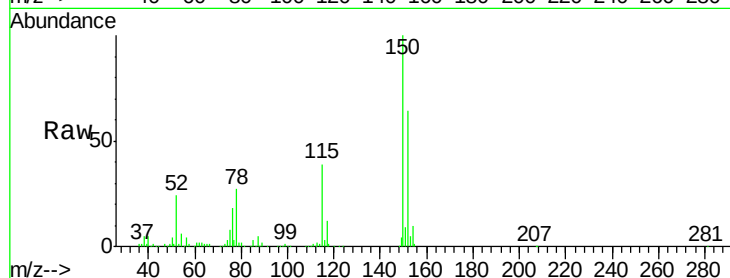
Tot Ion:152 Resp: 135115

Ion Ratio Lower Upper

152 100

115 60.1 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

