

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059845.D
 Acq On : 24 Jan 2020 15:07
 Operator : JC/MD
 Sample : L1244-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CTY-WC-S-04

Quant Time: Jan 25 01:09:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

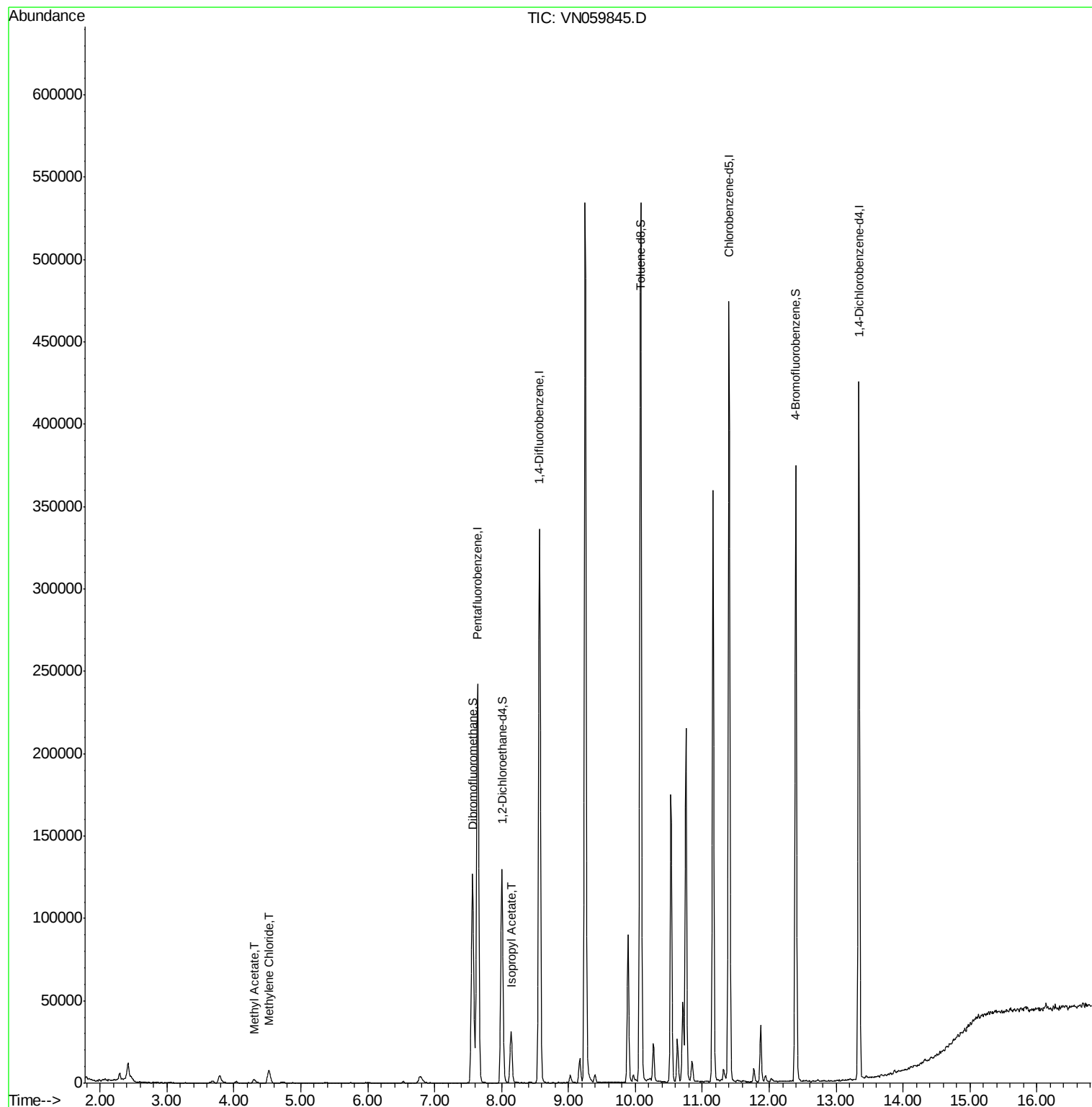
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	211627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	317544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	283324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111668	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
35) Dibromofluoromethane	7.57	113	95435	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
50) Toluene-d8	10.08	98	372815	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	125363	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
Target Compounds						
18) Methyl Acetate	4.30	43	3931	1.432	ug/l	98
20) Methylene Chloride	4.52	84	6351	1.738	ug/l #	79
43) Isopropyl Acetate	8.14	43	36930	8.278	ug/l #	91

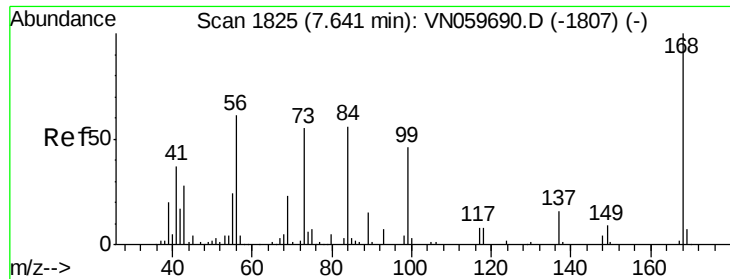
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 18 03:09:32 2020
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: VN059845.D

Acq: 24 Jan 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

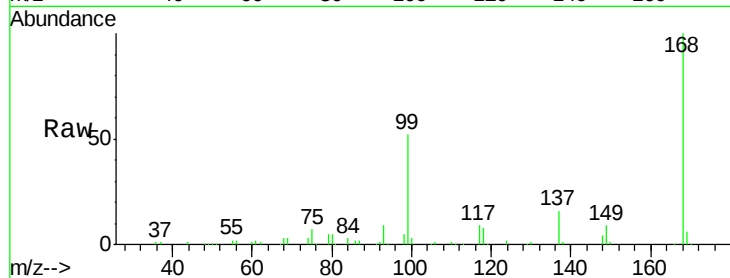
CTY-WC-S-04

Tot Ion:168 Resp: 211627

Ion Ratio Lower Upper

168 100

99 52.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

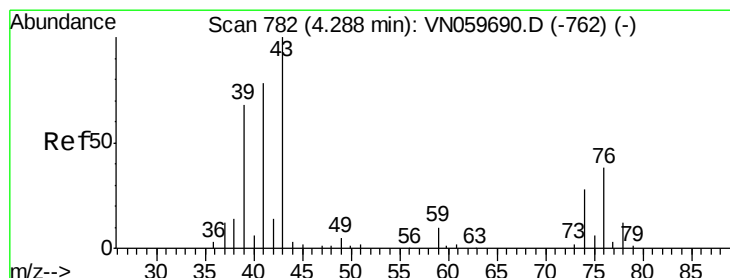
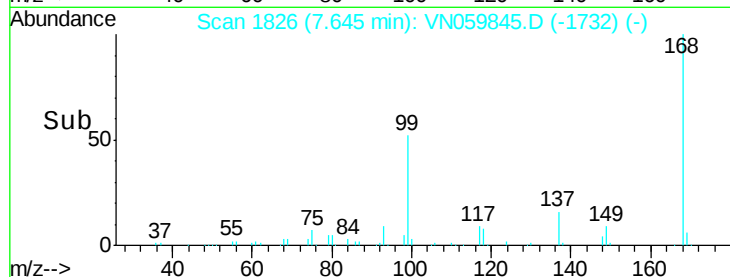
40000

20000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 1.432 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.01 min

Lab File: VN059845.D

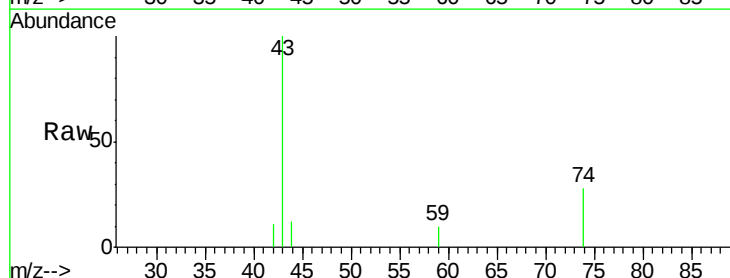
Acq: 24 Jan 2020 15:07

Tgt Ion: 43 Resp: 3931

Ion Ratio Lower Upper

43 100

74 20.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.30

1500

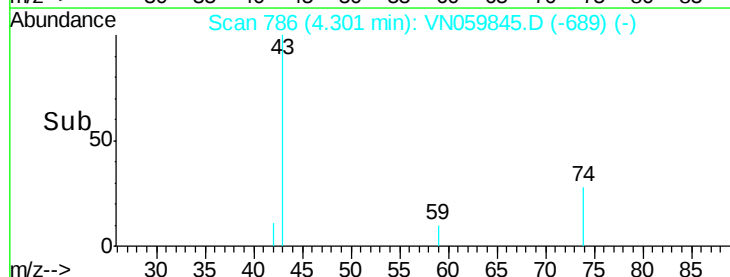
1000

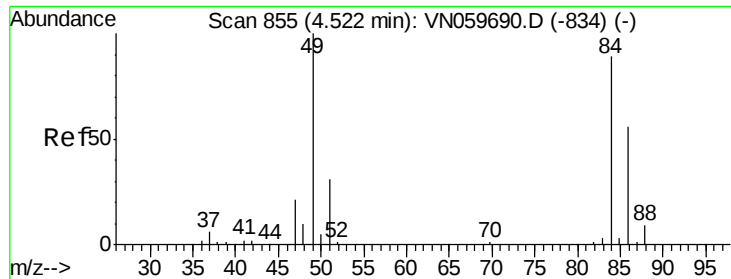
500

0

4.25 4.30 4.35

Time-->

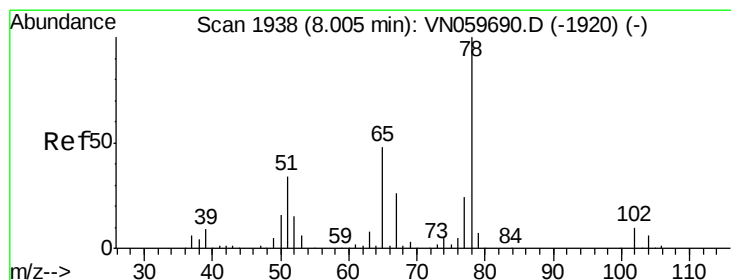
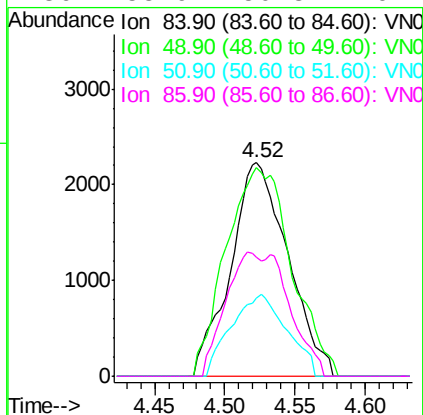
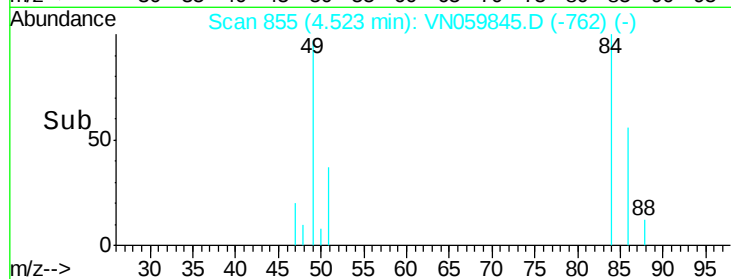
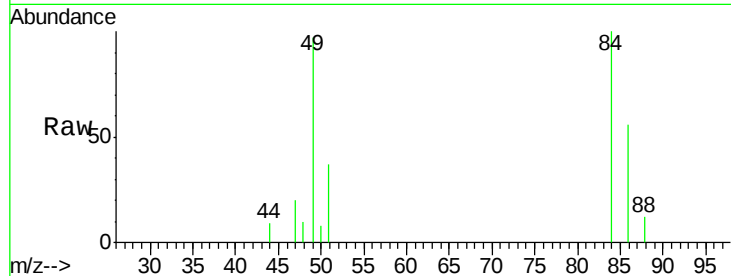




#20
Methvlene Chloride
Concen: 1.738 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059845.D
Acq: 24 Jan 2020 15:07

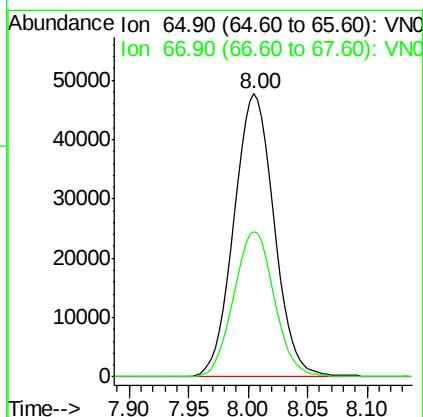
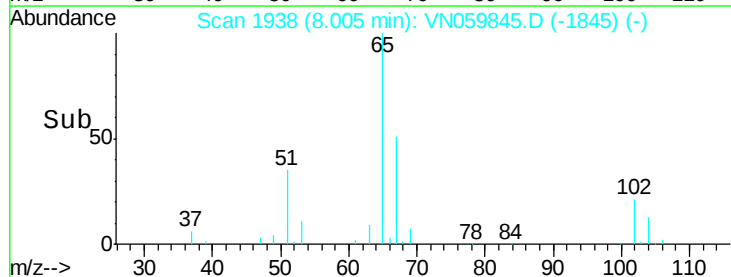
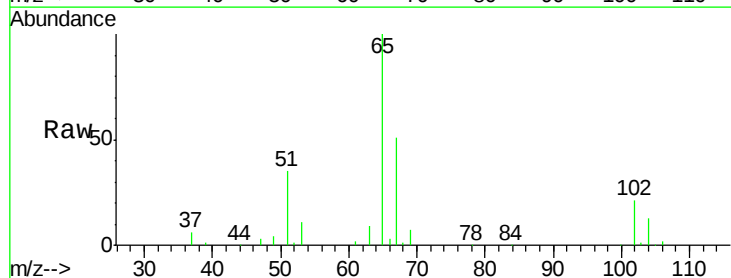
Instrument :
MSVOA_N
ClientSampleId :
CTY-WC-S-04

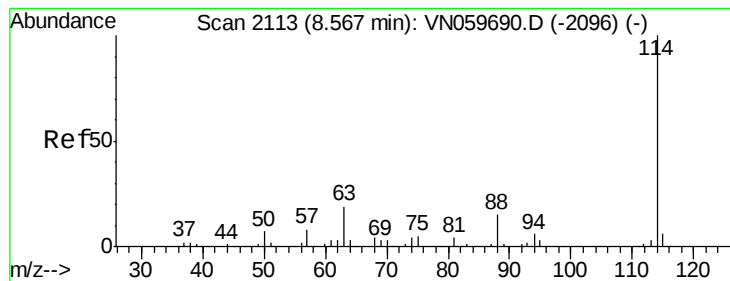
Tot Ion: 84 Resp: 6351
Ion Ratio Lower Upper
84 100
49 97.5 106.6 160.0#
51 36.8 31.9 47.9
86 55.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 47.515 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059845.D
Acq: 24 Jan 2020 15:07

Tgt Ion: 65 Resp: 111668
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059845.D

Acq: 24 Jan 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

CTY-WC-S-04

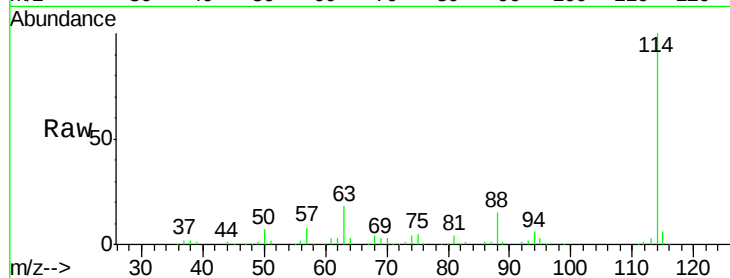
Tot Ion:114 Resp: 317544

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.6

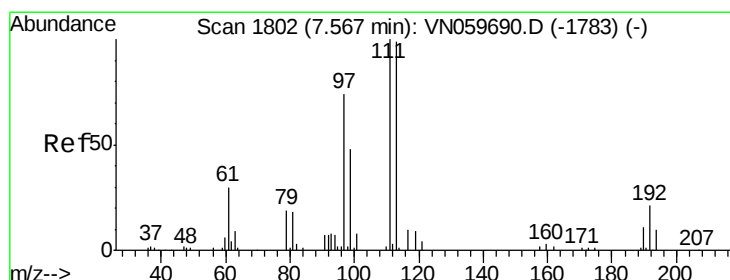
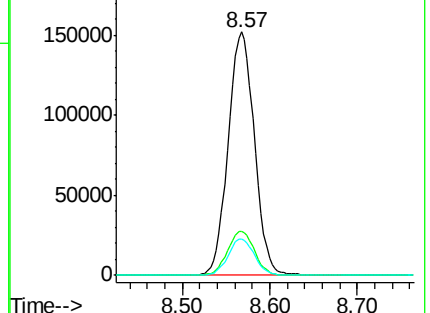
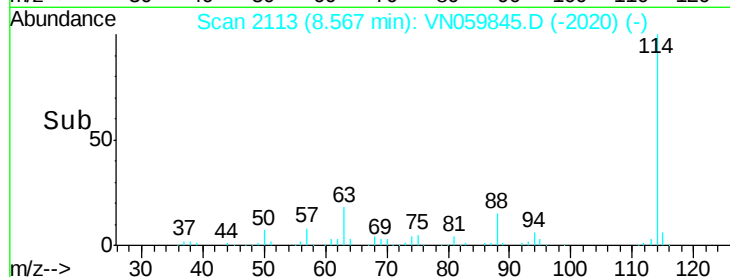
88 14.8 0.0 31.4



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: 50.397 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059845.D

Acq: 24 Jan 2020 15:07

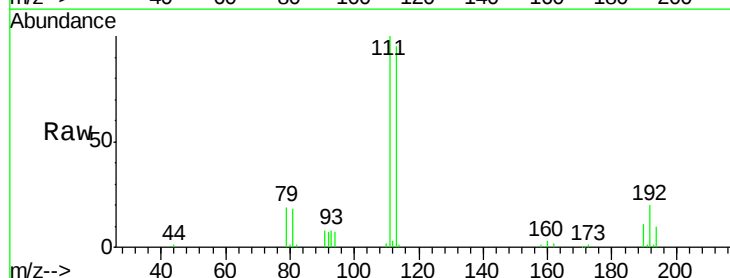
Tgt Ion:113 Resp: 95435

Ion Ratio Lower Upper

113 100

111 102.6 83.5 125.3

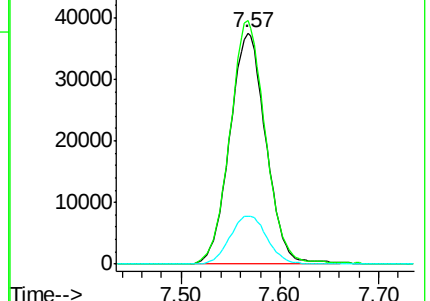
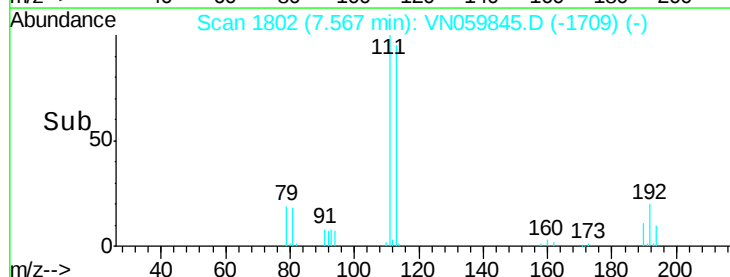
192 21.5 15.4 23.2

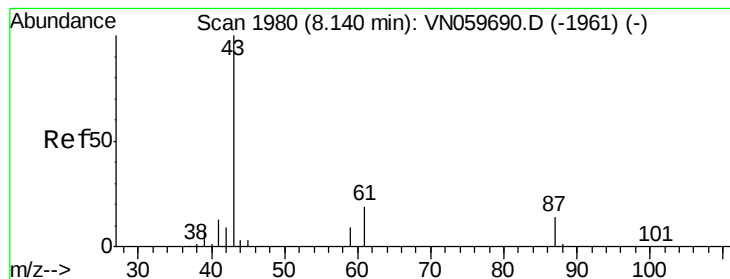


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.278 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059845.D

Acq: 24 Jan 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

CTY-WC-S-04

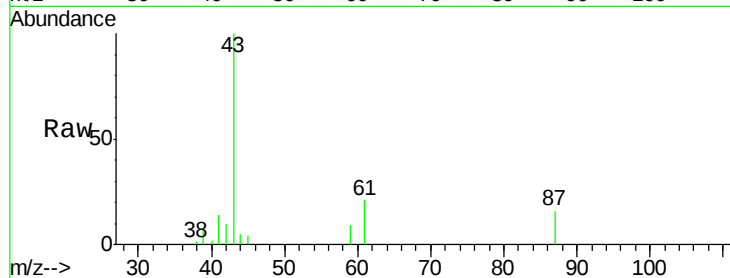
Tot Ion: 43 Resp: 36930

Ion Ratio Lower Upper

43 100

61 20.7 20.2 30.2

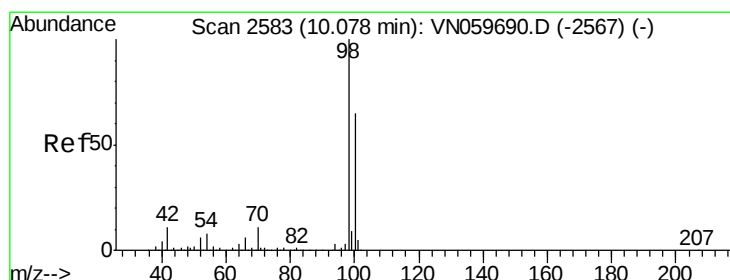
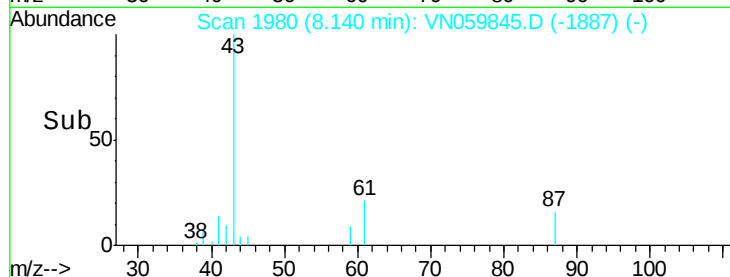
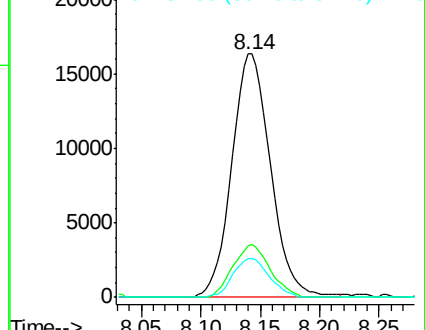
87 14.9 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 50.813 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059845.D

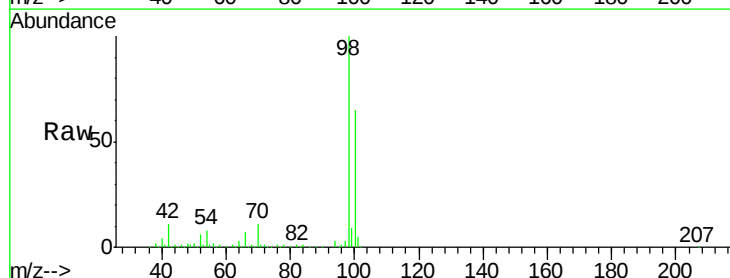
Acq: 24 Jan 2020 15:07

Tgt Ion: 98 Resp: 372815

Ion Ratio Lower Upper

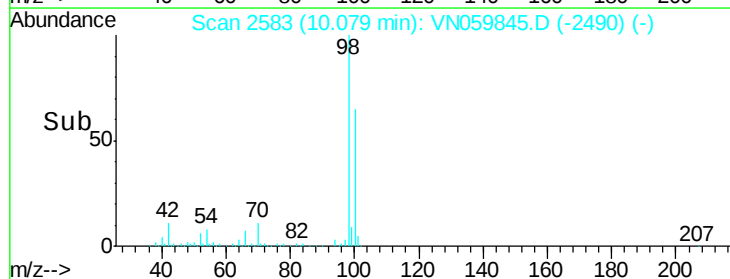
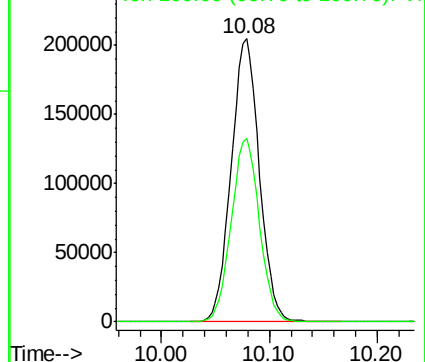
98 100

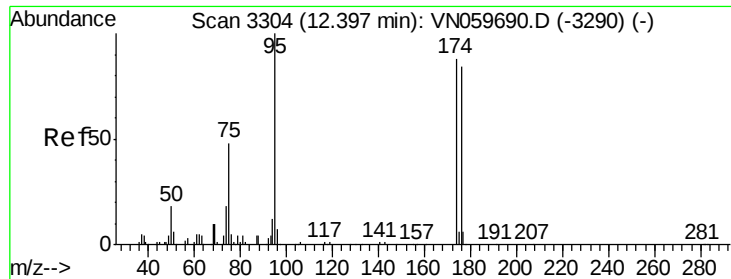
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.397 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059845.D

Acq: 24 Jan 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

CTY-WC-S-04

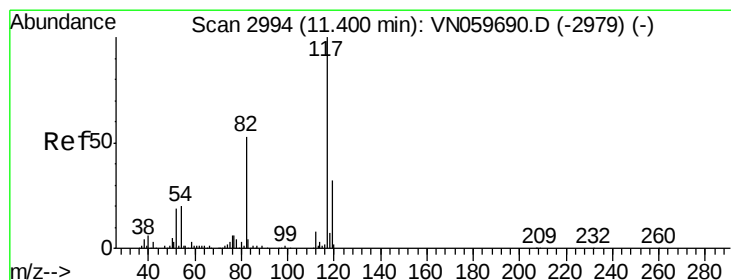
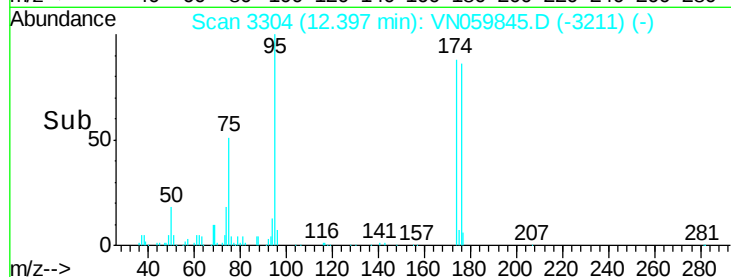
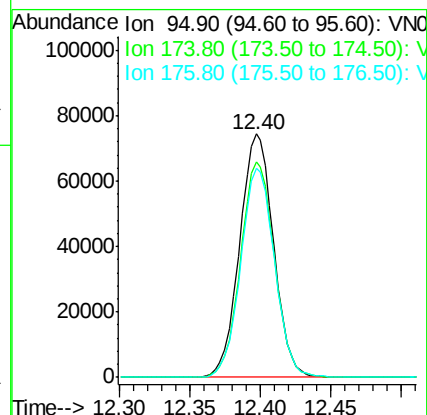
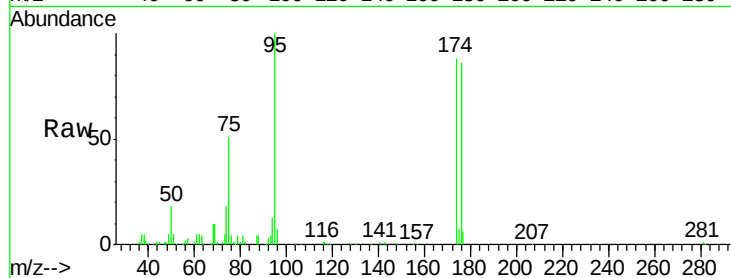
Tot Ion: 95 Resp: 125363

Ion Ratio Lower Upper

95 100

174 88.5 0.0 151.4

176 85.8 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059845.D

Acq: 24 Jan 2020 15:07

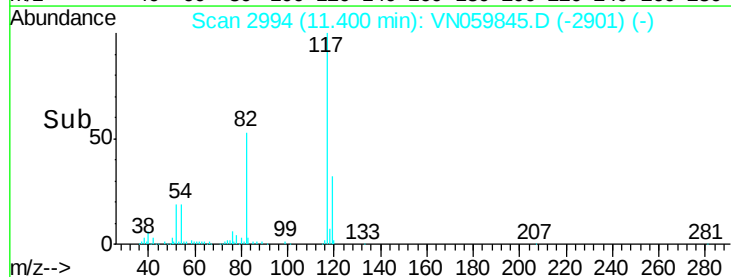
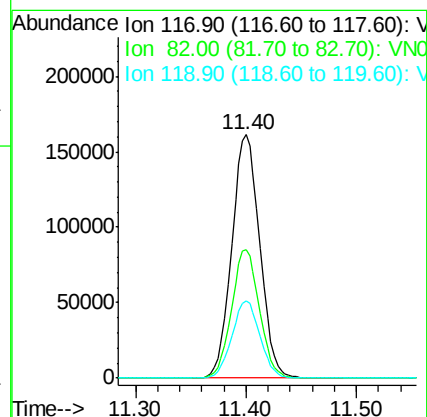
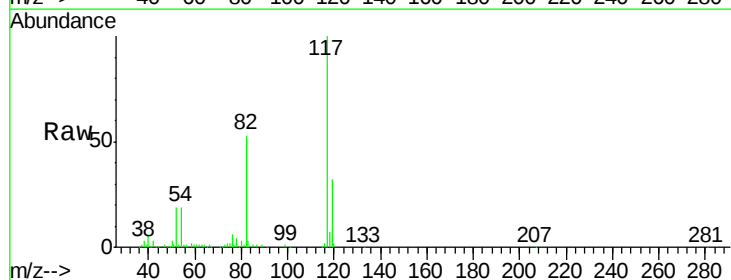
Tgt Ion: 117 Resp: 283324

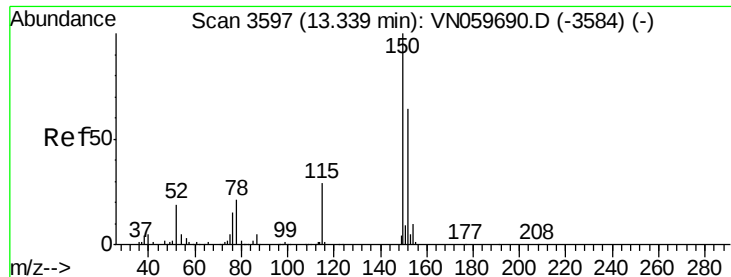
Ion Ratio Lower Upper

117 100

82 52.9 45.9 68.9

119 31.9 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: VN059845.D

Acq: 24 Jan 2020 15:07

Instrument :

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ClientSampleId :

CTY-WC-S-04

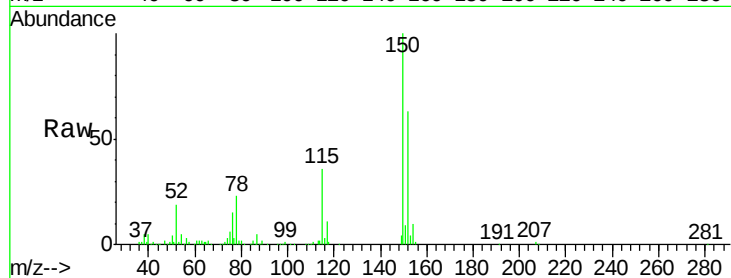
Tot Ion:152 Resp: 116397

Ion Ratio Lower Upper

152 100

115 57.7 30.3 90.9

150 158.2 0.0 345.2



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

