

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060620.D
 Acq On : 19 Mar 2020 2:59
 Operator : JC/MD
 Sample : L1954-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11A

Quant Time: Mar 19 09:09:55 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

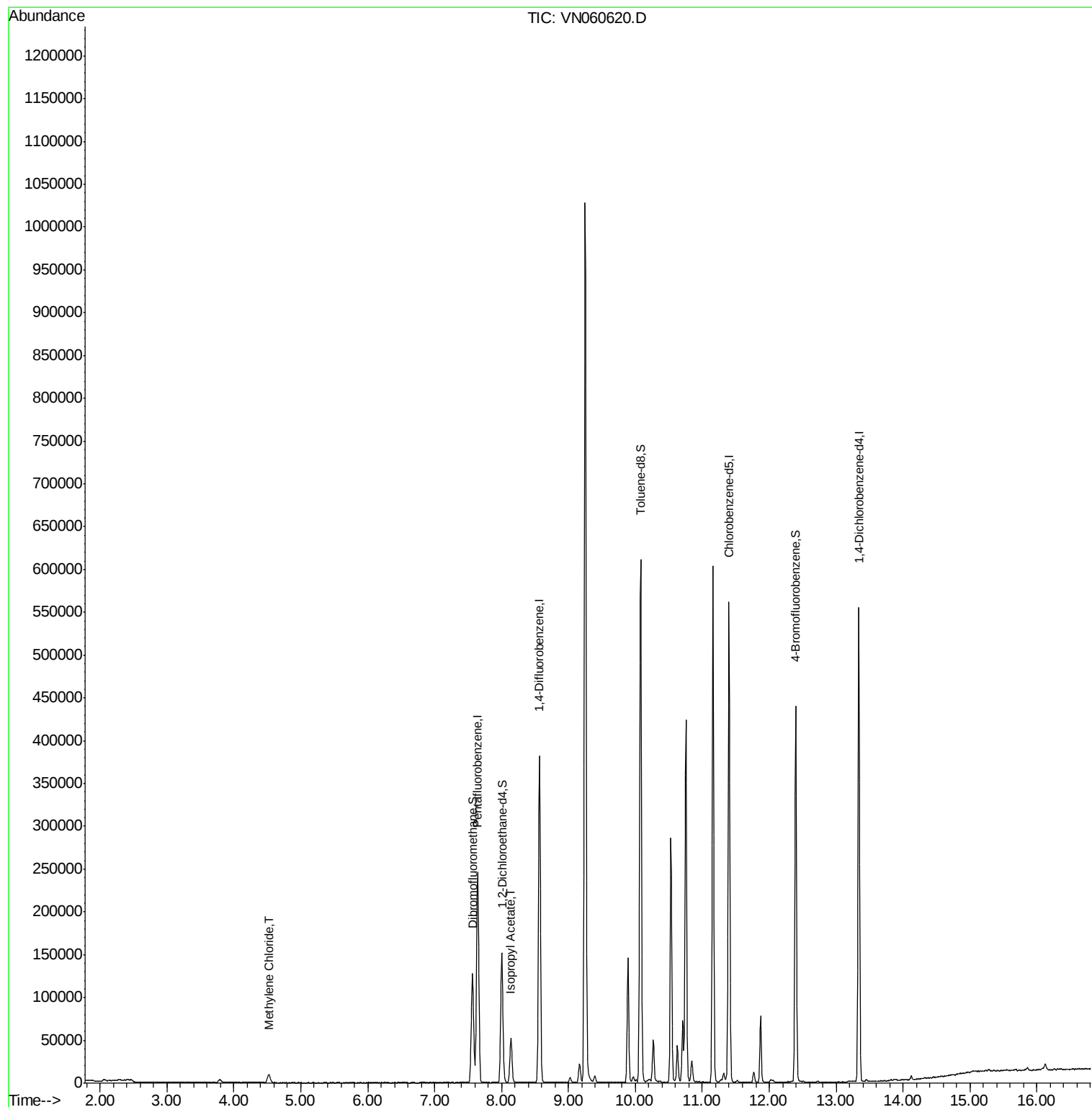
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	337957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	318482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	132099	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
35) Dibromofluoromethane	7.57	113	100362	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	10.08	98	418351	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.39	95	158763	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
Target Compounds						
20) Methylene Chloride	4.52	84	7628	3.134	ug/l	90
43) Isopropyl Acetate	8.14	43	62081	10.646	ug/l #	91

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

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 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: VN060620.D

Acq: 19 Mar 2020 2:59

Instrument :

MSVOA_N

ClientSampled :

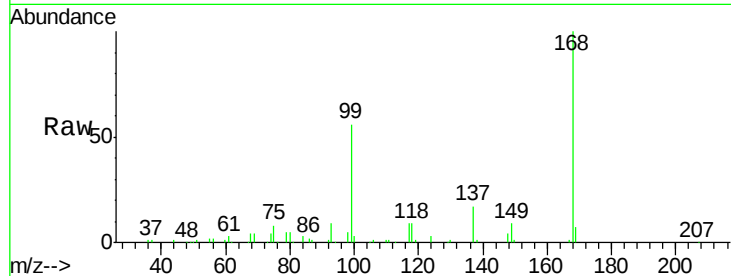
TP-11A

Tot Ion:168 Resp: 203495

Ion Ratio Lower Upper

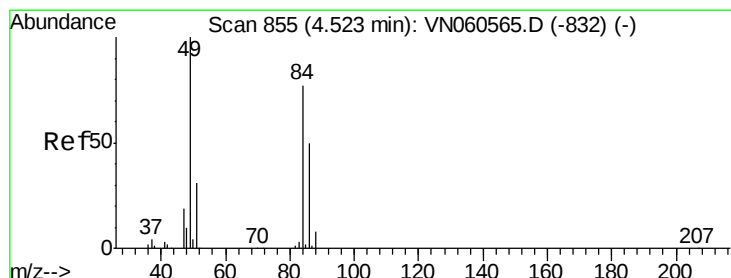
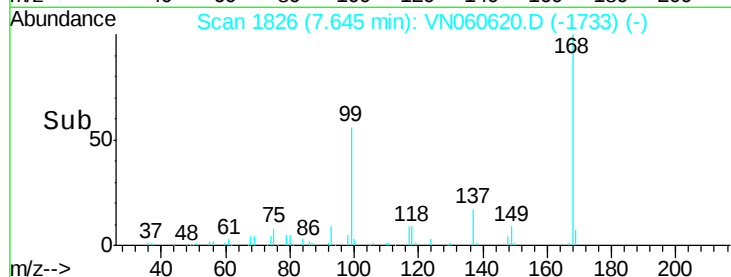
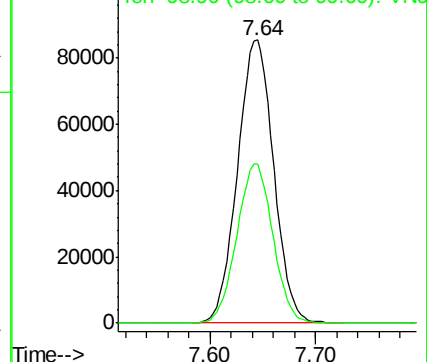
168 100

99 56.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 3.134 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060620.D

Acq: 19 Mar 2020 2:59

Tgt Ion: 84 Resp: 7628

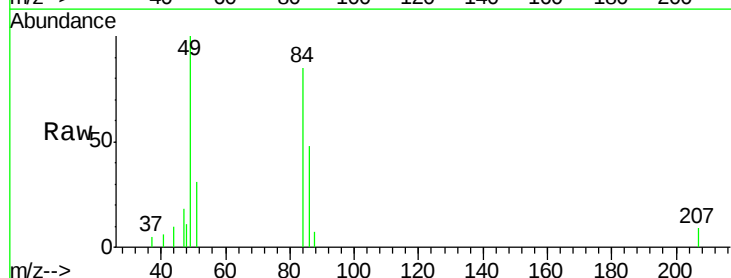
Ion Ratio Lower Upper

84 100

49 117.0 103.3 154.9

51 36.2 31.6 47.4

86 55.9 52.0 78.0

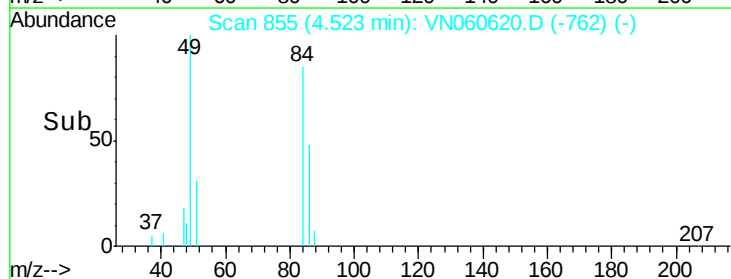
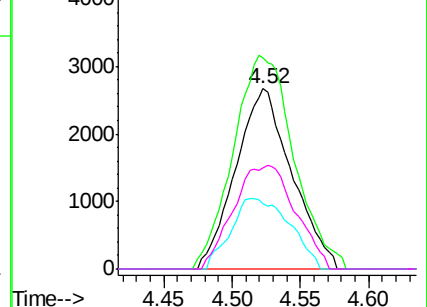


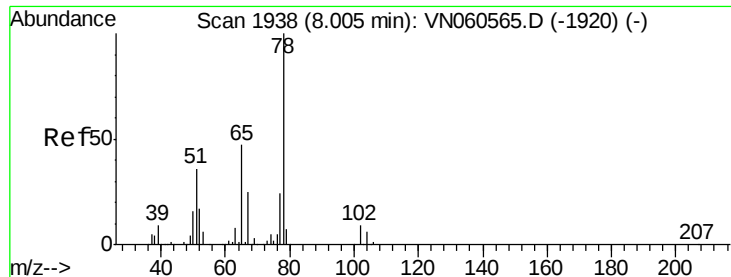
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

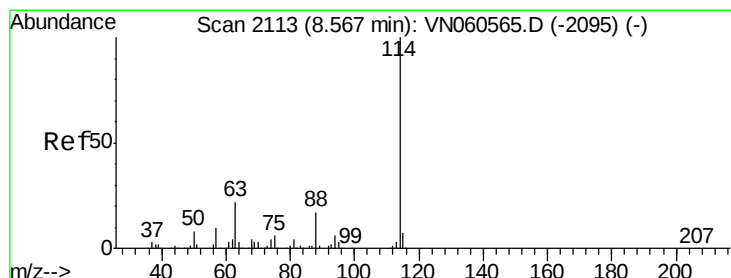
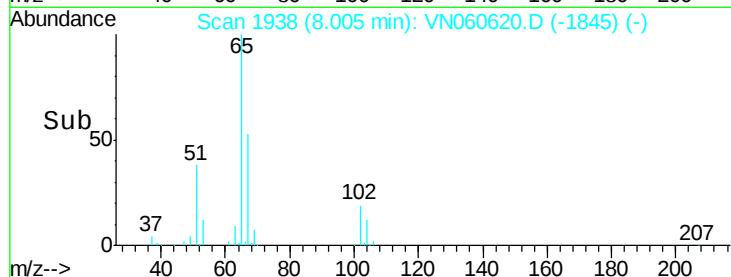
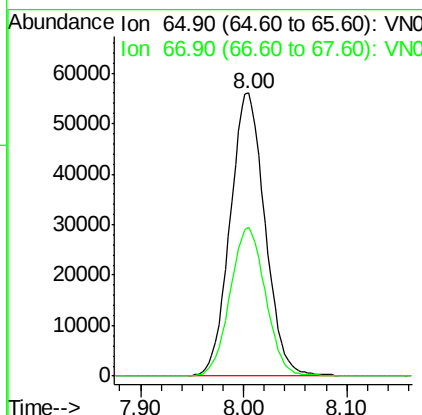
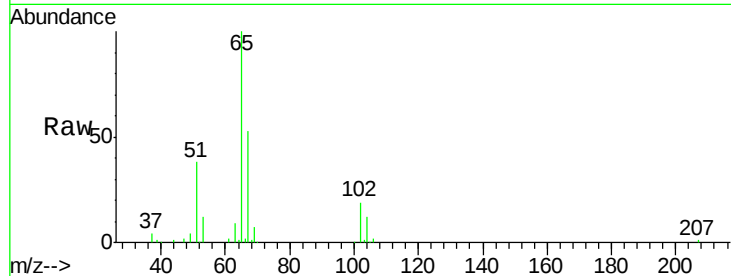




#33
 1,2-Dichloroethane-d4
 Concen: 47.288 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060620.D
 Acq: 19 Mar 2020 2:59

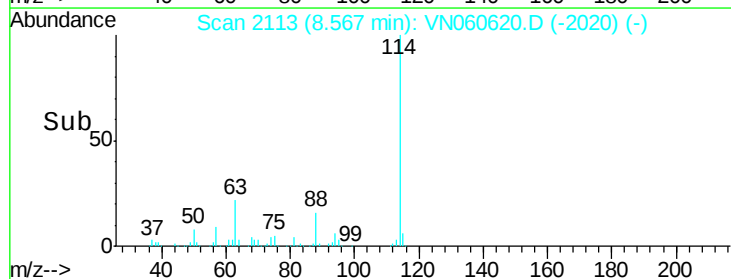
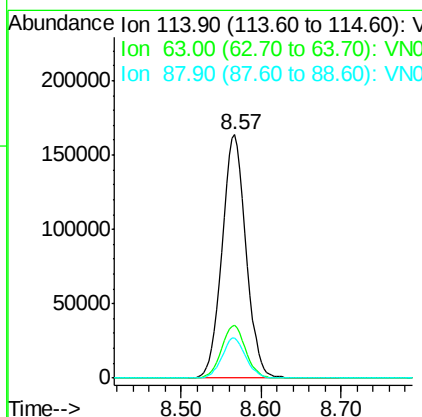
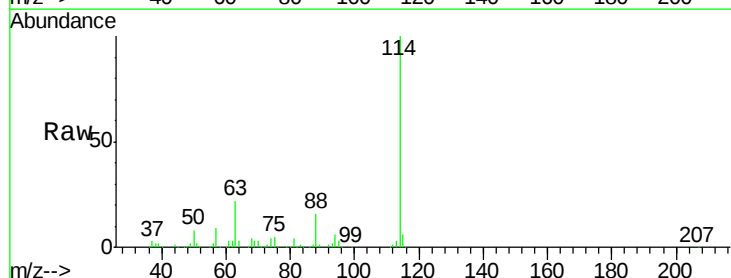
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11A

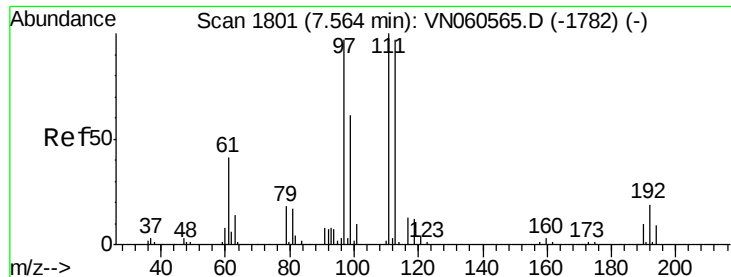
Tot Ion: 65 Resp: 132099
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060620.D
 Acq: 19 Mar 2020 2:59

Tgt Ion: 114 Resp: 337957
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.8
 88 16.4 0.0 33.0

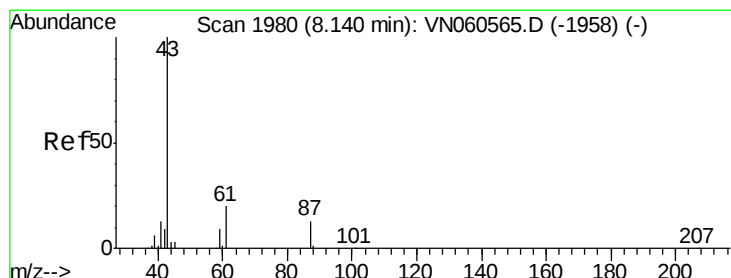
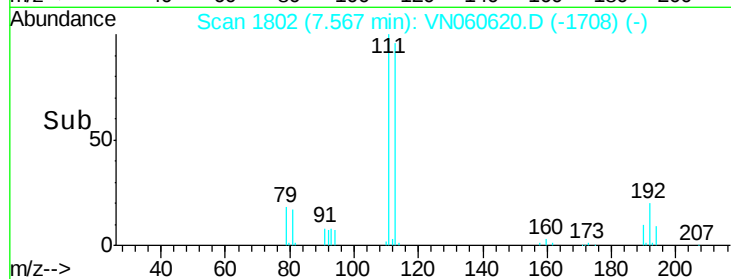
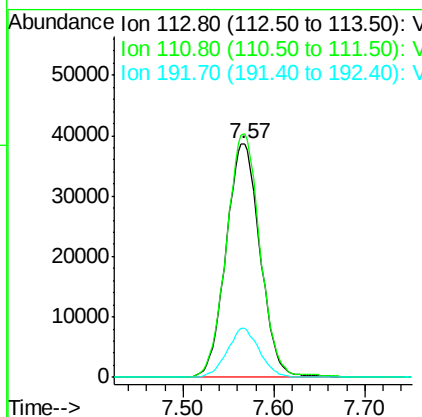
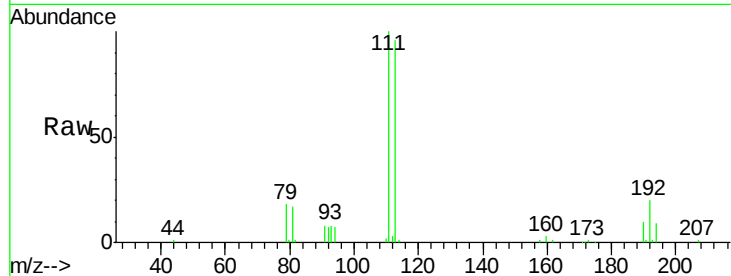




#35
 Dibromofluoromethane
 Concen: 49.112 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060620.D
 Acq: 19 Mar 2020 2:59

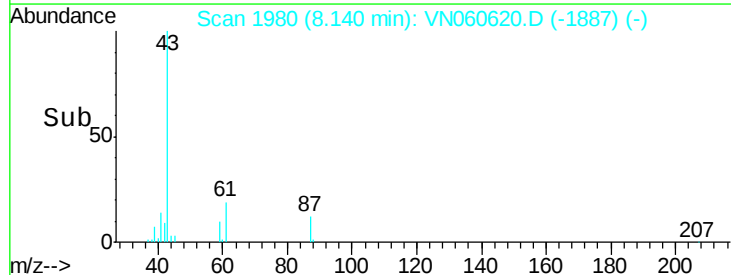
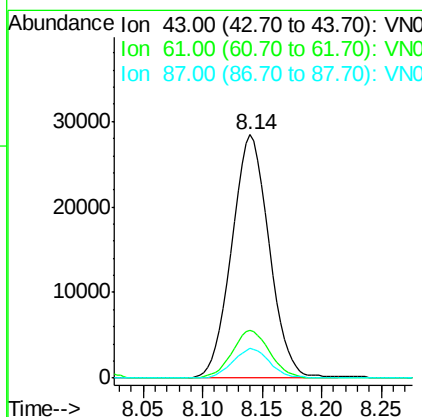
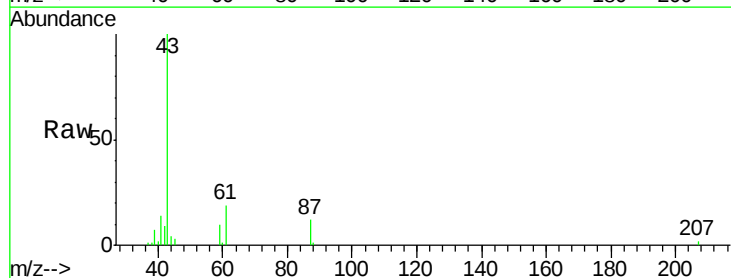
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11A

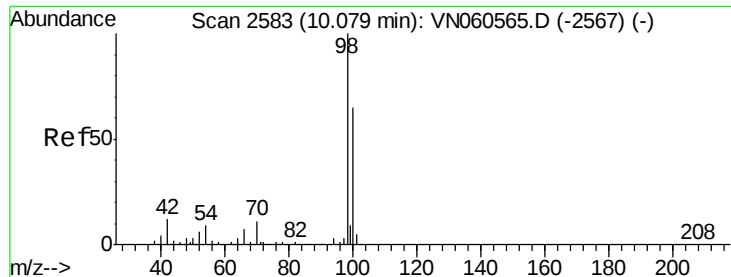
Tot Ion:113 Resp: 100362
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 19.9 15.8 23.8



#43
 Isopropyl Acetate
 Concen: 10.646 ug/l
 RT: 8.14 min Scan# 180
 Delta R.T. 0.00 min
 Lab File: VN060620.D
 Acq: 19 Mar 2020 2:59

Tgt Ion: 43 Resp: 62081
 Ion Ratio Lower Upper
 43 100
 61 19.5 20.7 31.1#
 87 11.8 9.8 14.8





#50

Toluene-d8

Concen: 50.120 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060620.D

Acq: 19 Mar 2020 2:59

Instrument :

MSVOA_N

ClientSampled :

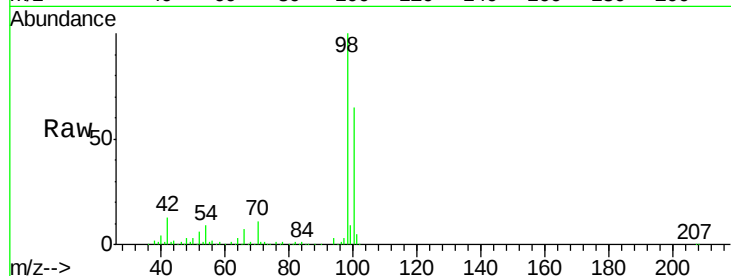
TP-11A

Tot Ion: 98 Resp: 418351

Ion Ratio Lower Upper

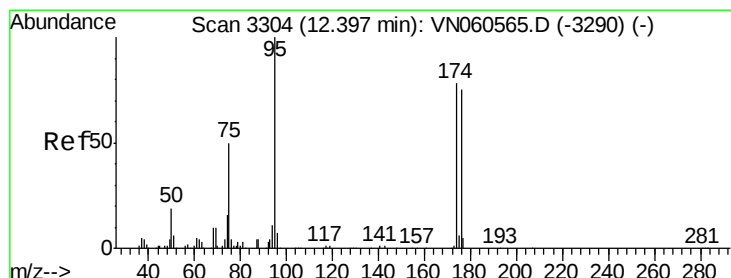
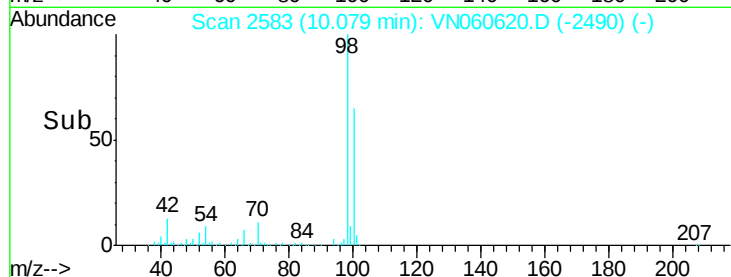
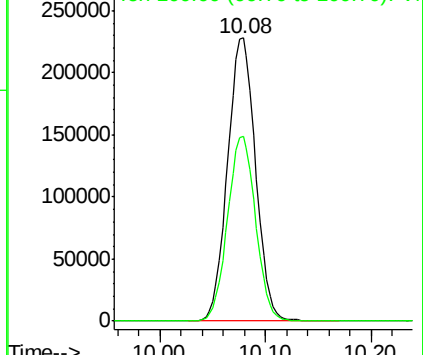
98 100

100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 51.899 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060620.D

Acq: 19 Mar 2020 2:59

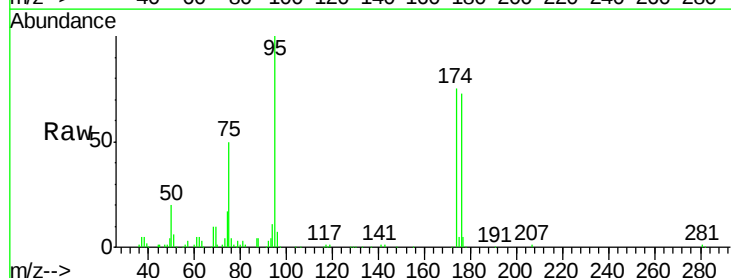
Tgt Ion: 95 Resp: 158763

Ion Ratio Lower Upper

95 100

174 77.0 0.0 157.6

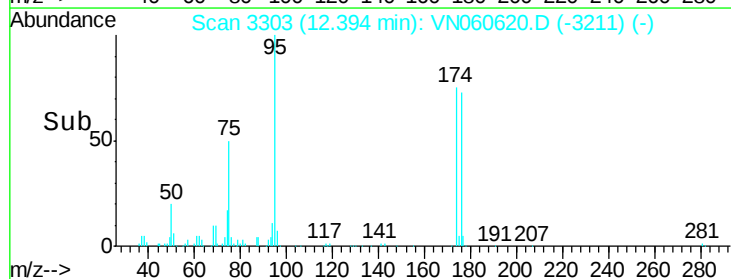
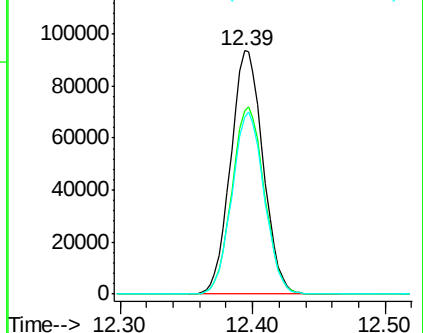
176 74.4 0.0 150.6

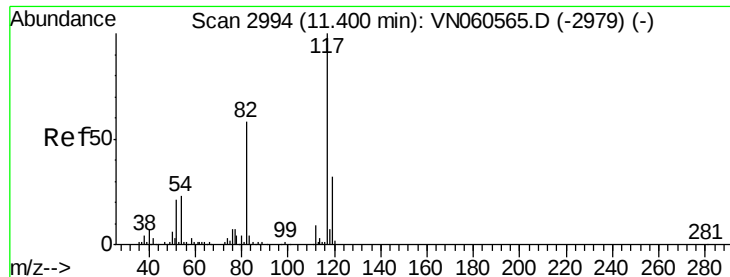


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060620.D

Acq: 19 Mar 2020 2:59

Instrument :

MSVOA_N

ClientSampleId :

TP-11A

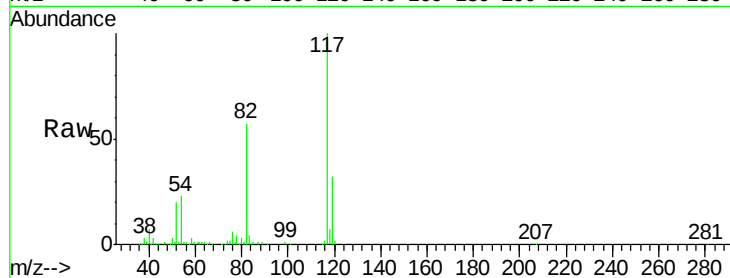
Tot Ion:117 Resp: 318482

Ion Ratio Lower Upper

117 100

82 57.5 46.7 70.1

119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

250000

200000

150000

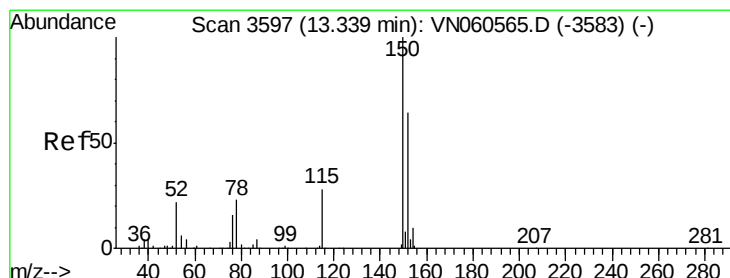
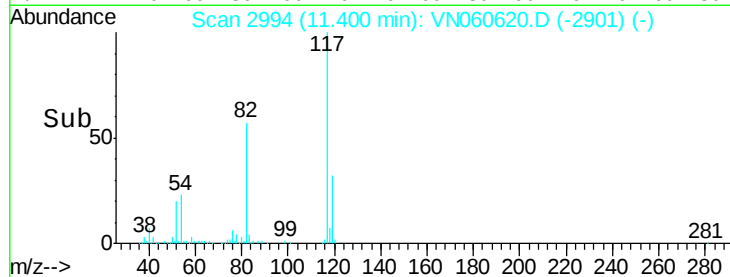
100000

50000

0

11.30 11.40 11.50

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060620.D

Acq: 19 Mar 2020 2:59

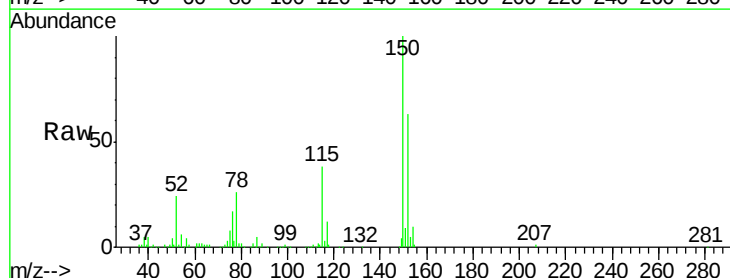
Tgt Ion:152 Resp: 146196

Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

150 157.4 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

150000

100000

50000

0

13.25 13.30 13.35 13.40

Time-->

