

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060918.D
 Acq On : 13 Apr 2020 23:13
 Operator : JC/MD
 Sample : L2199-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-39-38-COMP

Quant Time: Apr 14 08:07:35 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

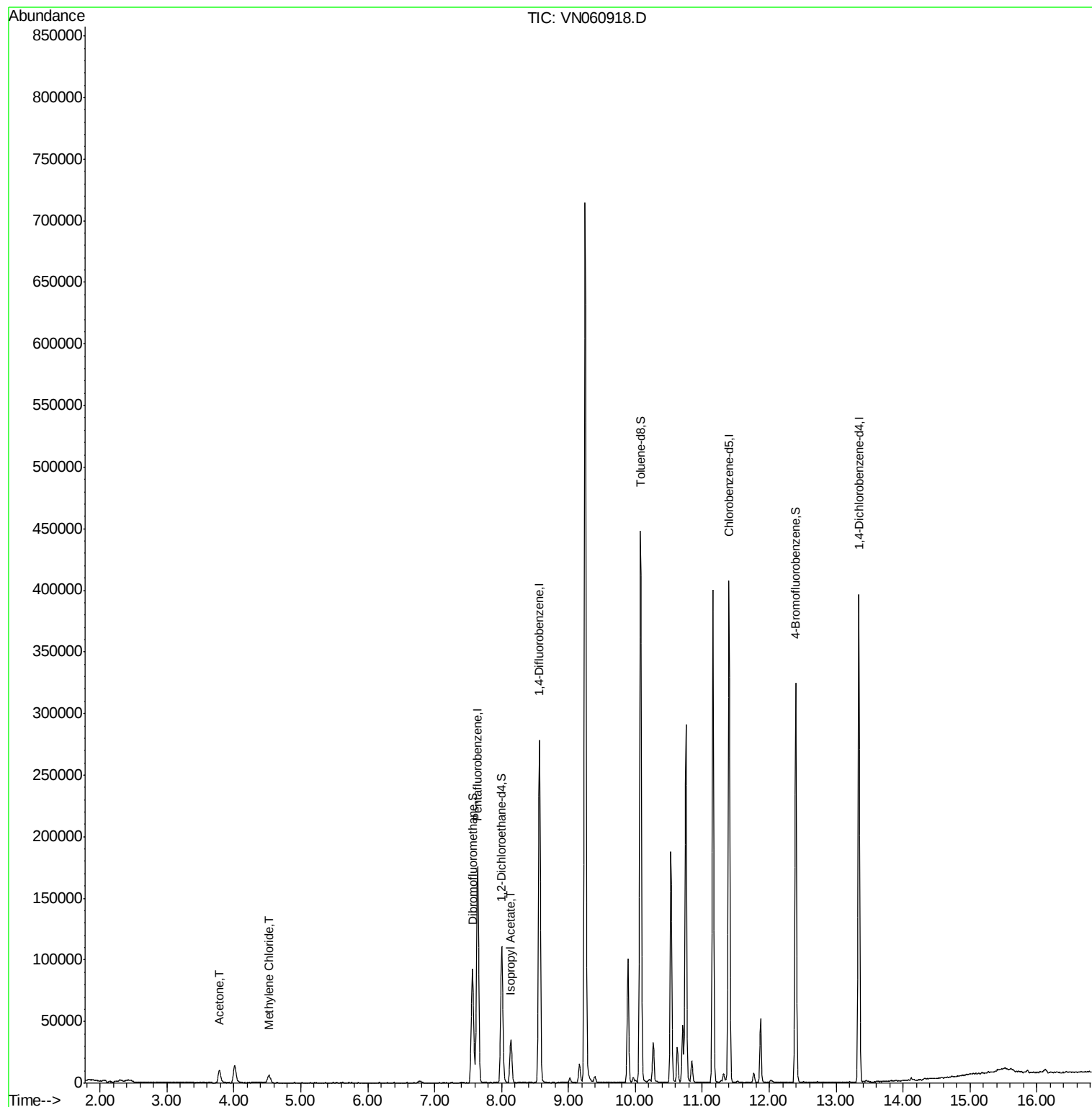
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	143477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	243523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	230549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	104545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96001	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	7.56	113	72105	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	10.08	98	302615	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	114223	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
Target Compounds						
16) Acetone	3.78	43	18845	27.011	ug/l	97
20) Methylene Chloride	4.53	84	5179	3.018	ug/l	97
43) Isopropyl Acetate	8.14	43	43072	10.250	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# 1826

Delta R.T. 0.00 min

Lab File: VN060918.D

Acq: 13 Apr 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

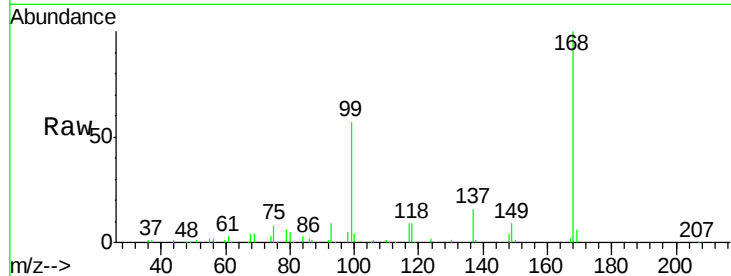
TP-39-38-COMP

Tot Ion:168 Resp: 143477

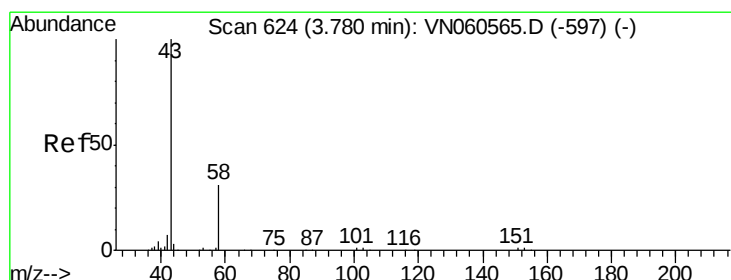
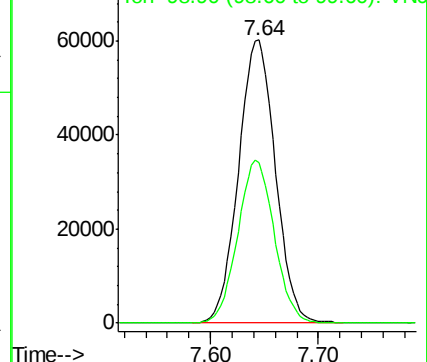
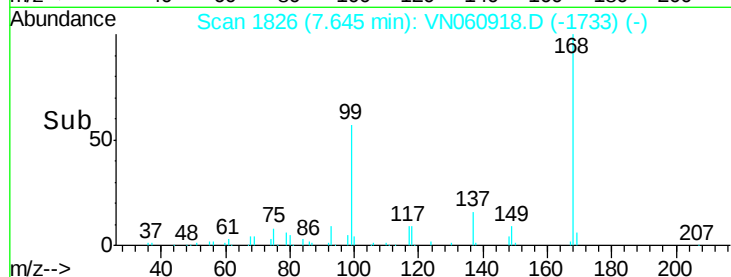
Ion Ratio Lower Upper

168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060918.D (-1733) (-)



#16

Acetone

Concen: 27.011 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060918.D

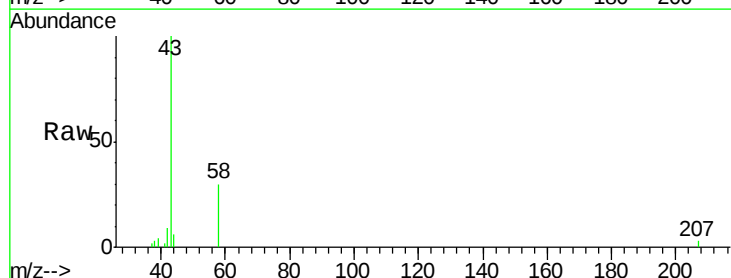
Acq: 13 Apr 2020 23:13

Tgt Ion: 43 Resp: 18845

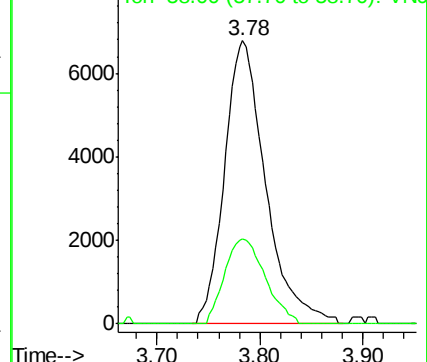
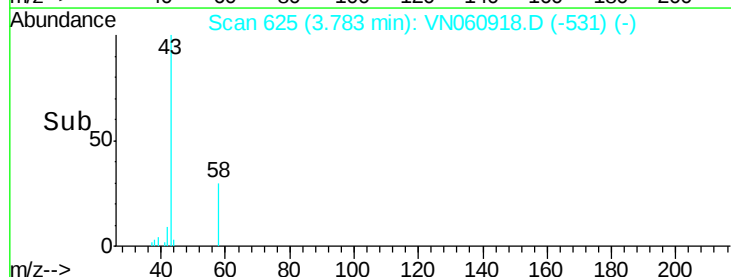
Ion Ratio Lower Upper

43 100

58 29.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060918.D (-531) (-)

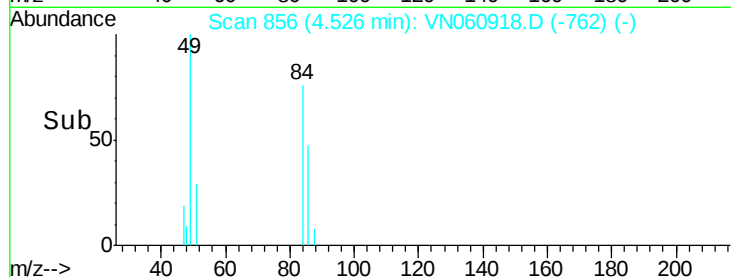
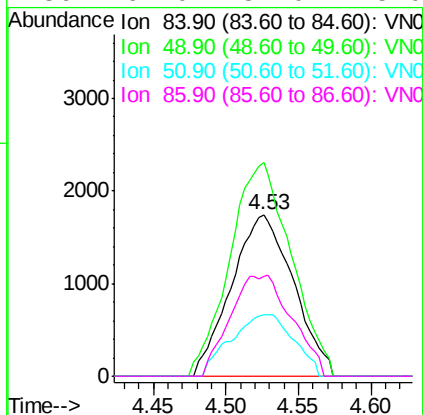
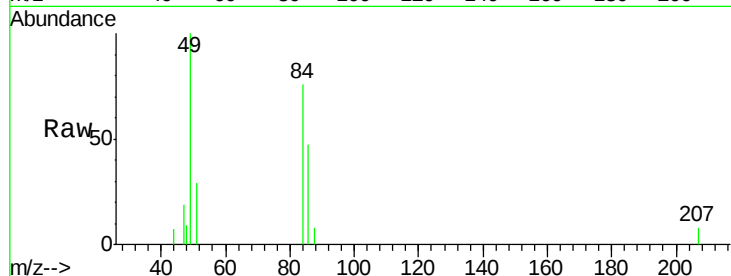




#20
Methylene Chloride
Concen: 3.018 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060918.D
Acq: 13 Apr 2020 23:13

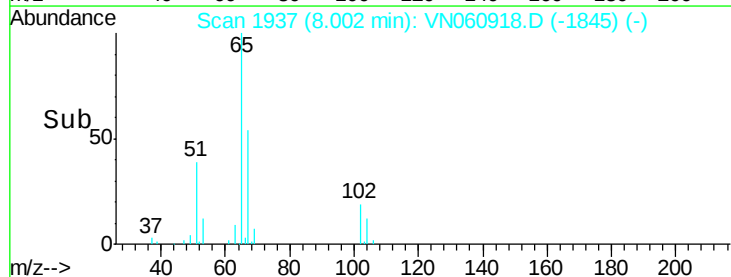
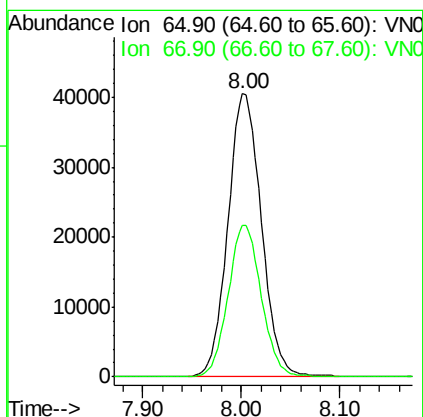
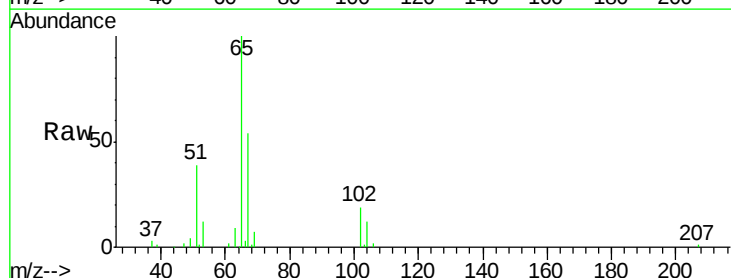
Instrument :
MSVOA_N
ClientSampleId :
TP-39-38-COMP

Tot Ion: 84 Resp: 5179
Ion Ratio Lower Upper
84 100
49 132.3 103.3 154.9
51 37.9 31.6 47.4
86 62.0 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 48.741 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060918.D
Acq: 13 Apr 2020 23:13

Tgt Ion: 65 Resp: 96001
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.6

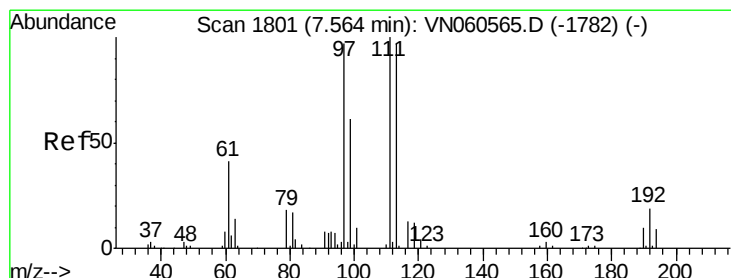
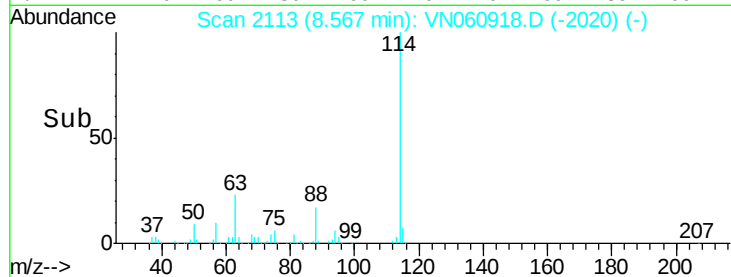
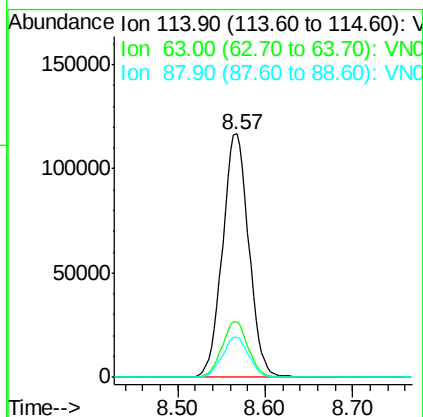
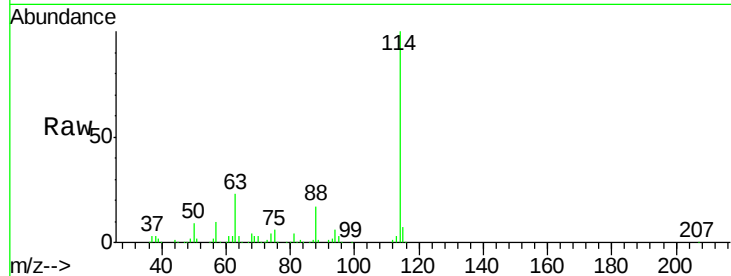




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060918.D
 Acq: 13 Apr 2020 23:13

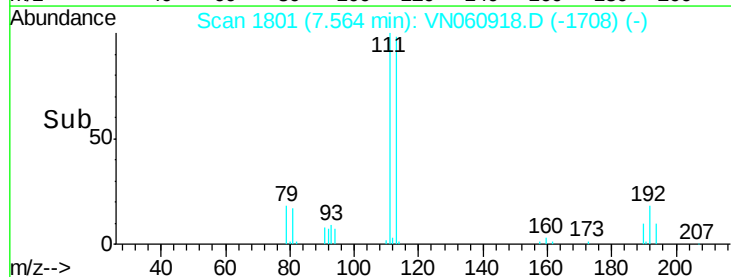
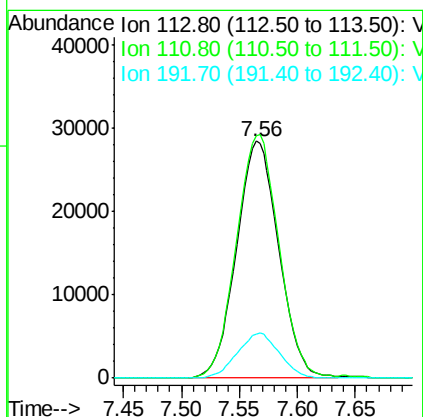
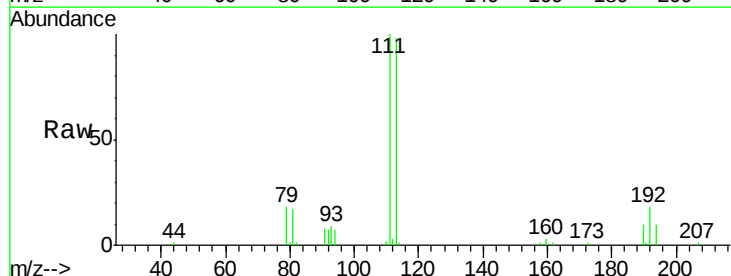
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-39-38-COMP

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	43.8
88	16.7	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 48.967 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060918.D
 Acq: 13 Apr 2020 23:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	18.8	15.8	23.8





#43

Isopropyl Acetate

Concen: 10.250 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060918.D

Acq: 13 Apr 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

TP-39-38-COMP

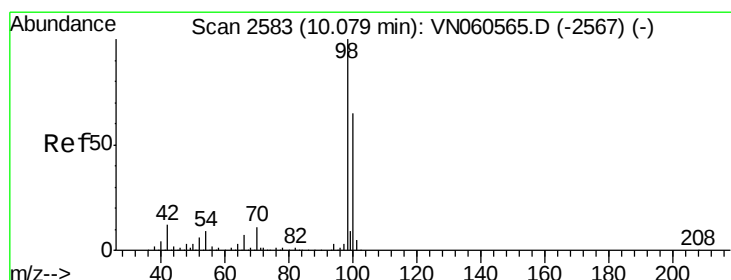
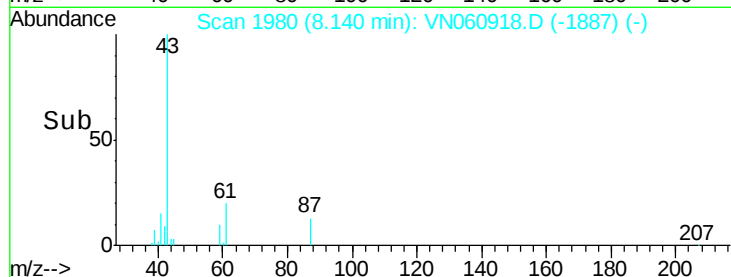
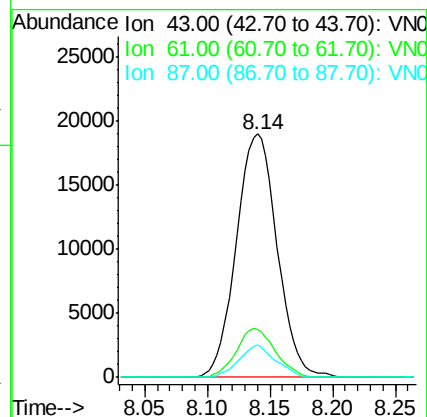
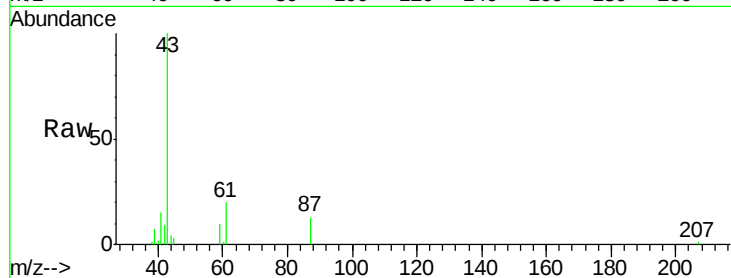
Tot Ion: 43 Resp: 43072

Ion Ratio Lower Upper

43 100

61 19.1 20.7 31.1#

87 11.7 9.8 14.8



#50

Toluene-d8

Concen: 50.313 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060918.D

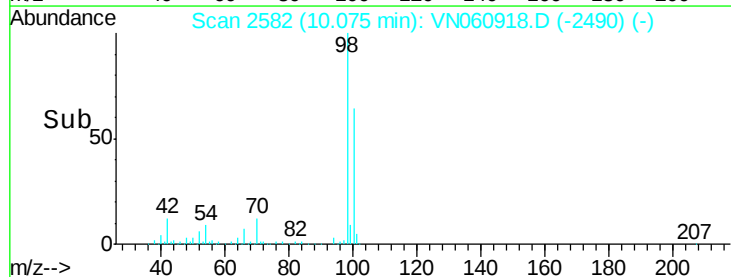
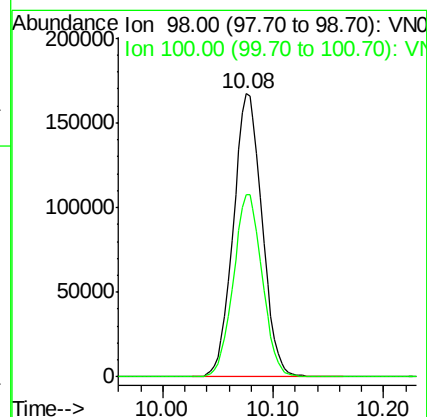
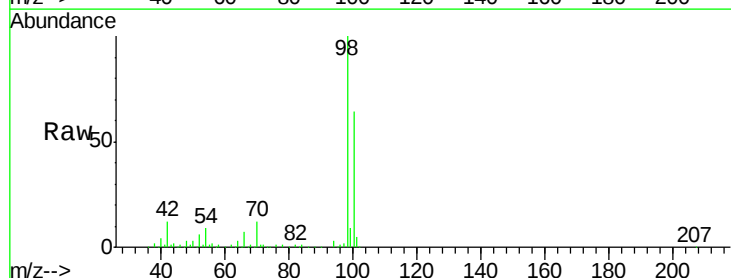
Acq: 13 Apr 2020 23:13

Tgt Ion: 98 Resp: 302615

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.819 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060918.D

Acq: 13 Apr 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

TP-39-38-COMP

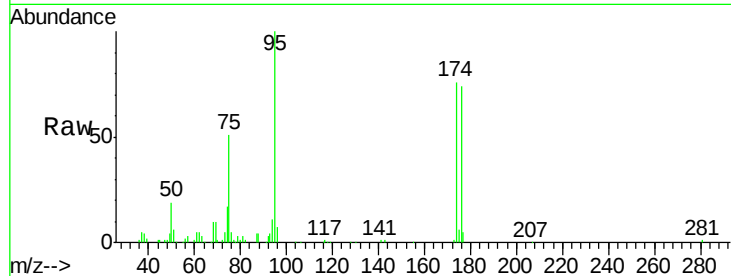
Tot Ion: 95 Resp: 114223

Ion Ratio Lower Upper

95 100

174 76.1 0.0 157.6

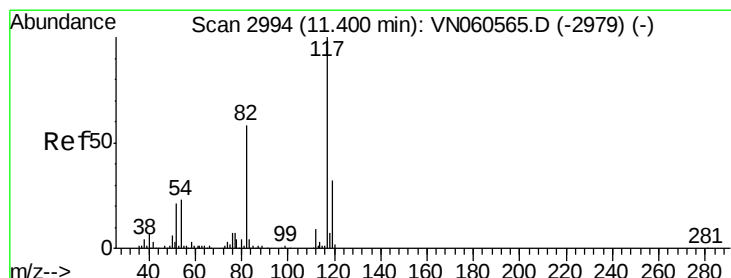
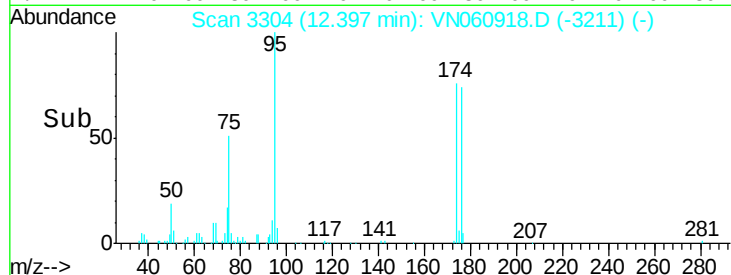
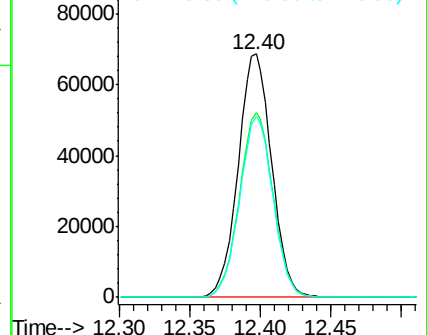
176 73.9 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060918.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060918.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060918.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060918.D

Acq: 13 Apr 2020 23:13

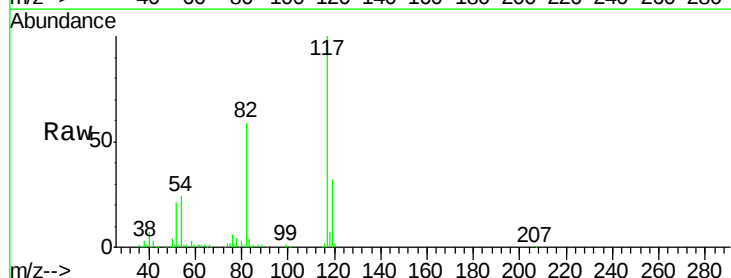
Tgt Ion: 117 Resp: 230549

Ion Ratio Lower Upper

117 100

82 59.4 46.7 70.1

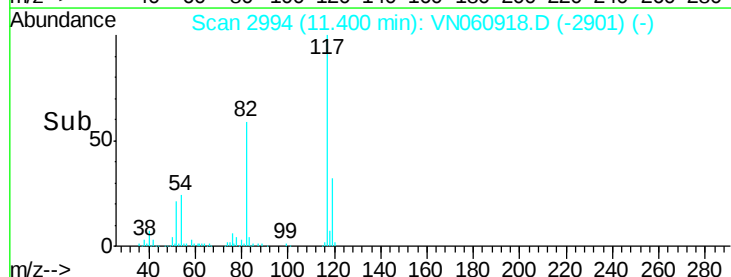
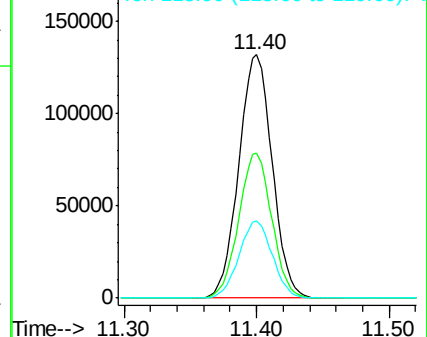
119 31.6 25.5 38.3

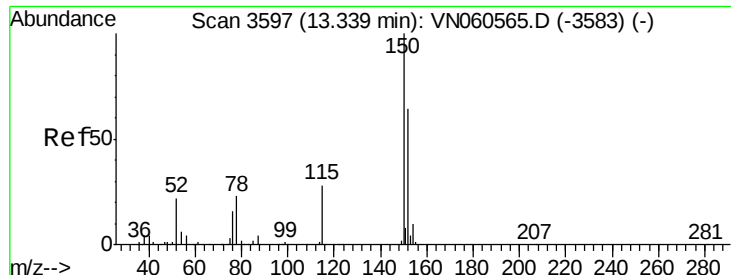


Abundance Ion 116.90 (116.60 to 117.60): VN060918.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060918.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060918.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: VN060918.D

Acq: 13 Apr 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

TP-39-38-COMP

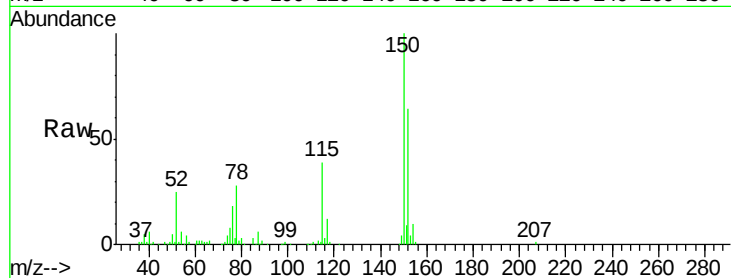
Tot Ion:152 Resp: 104545

Ion Ratio Lower Upper

152 100

115 60.7 30.2 90.6

150 155.1 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

