

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060946.D
 Acq On : 14 Apr 2020 20:01
 Operator : JC/MD
 Sample : L2230-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-20

Quant Time: Apr 15 09:39:30 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

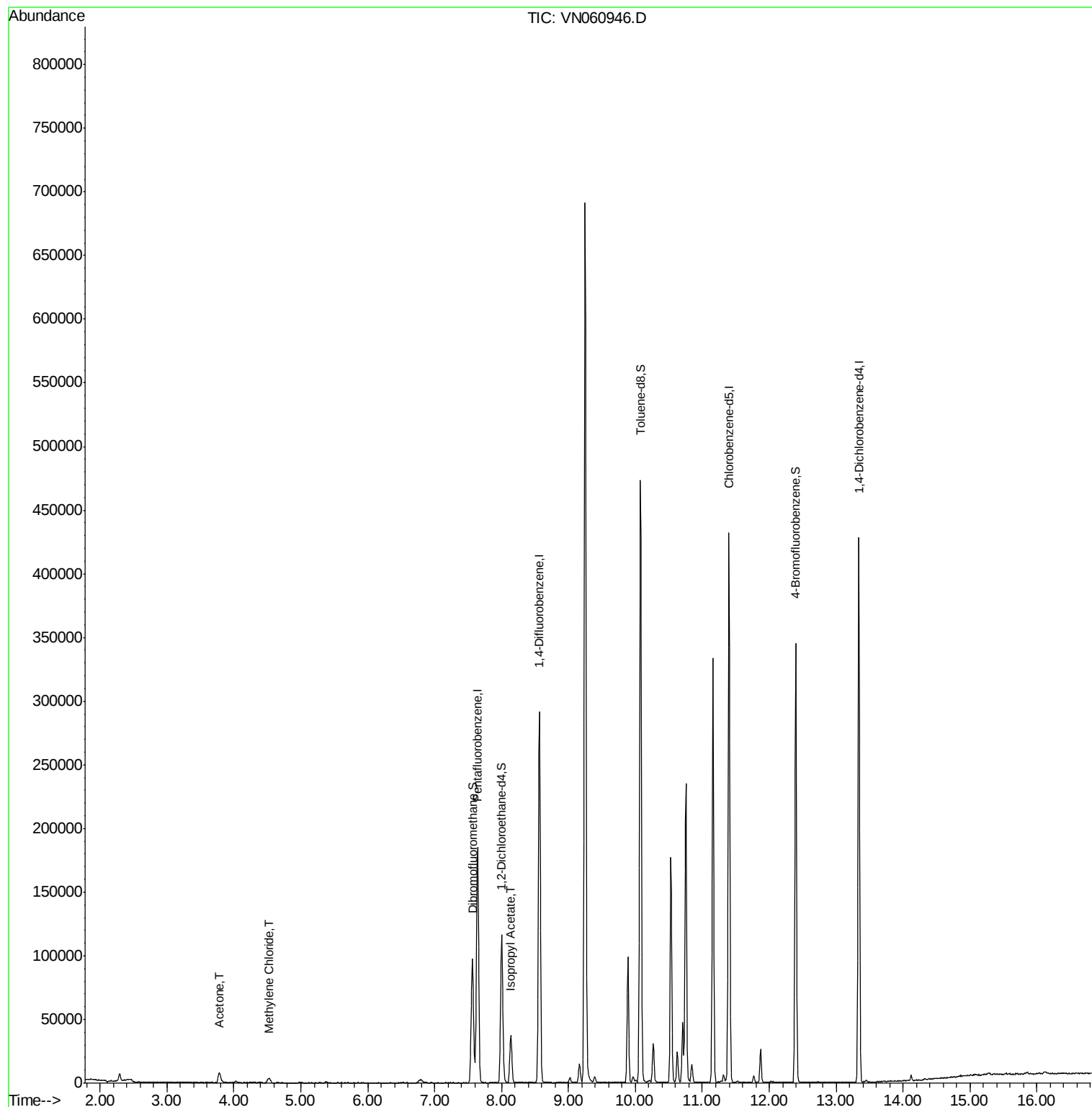
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	149454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	255509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	241703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	99897	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	7.56	113	75525	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	10.08	98	316693	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.40	95	120408	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
Target Compounds						
16) Acetone	3.78	43	15539	21.382	ug/l	97
20) Methylene Chloride	4.52	84	2934	1.641	ug/l	94
43) Isopropyl Acetate	8.14	43	44198	10.025	ug/l #	92

(#) = 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# 1825

Delta R.T. -0.00 min

Lab File: VN060946.D

Acq: 14 Apr 2020 20:01

Instrument :

MSVOA_N

ClientSampled :

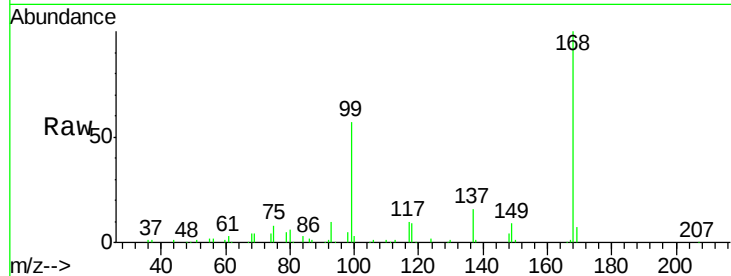
TP-20

Tot Ion:168 Resp: 149454

Ion Ratio Lower Upper

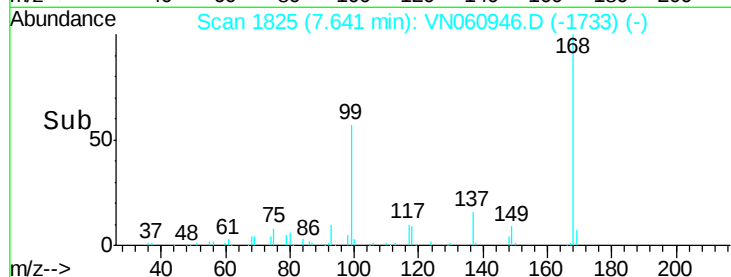
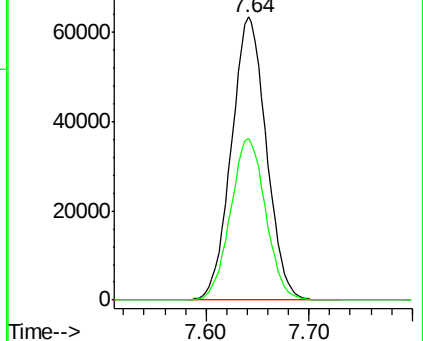
168 100

99 57.0 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: 21.382 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060946.D

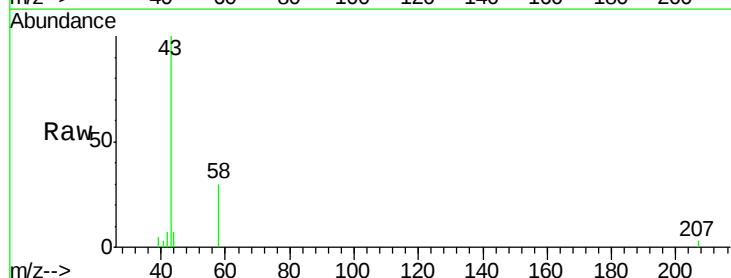
Acq: 14 Apr 2020 20:01

Tgt Ion: 43 Resp: 15539

Ion Ratio Lower Upper

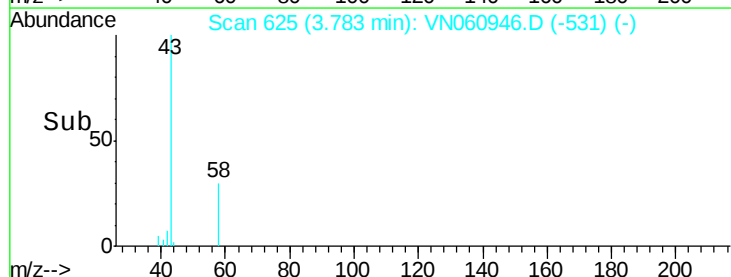
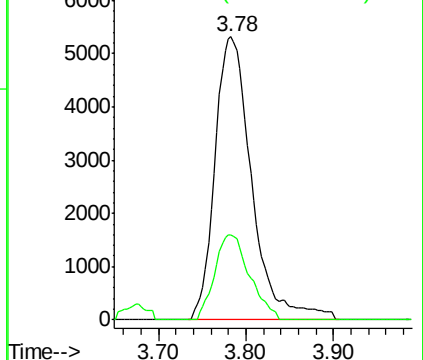
43 100

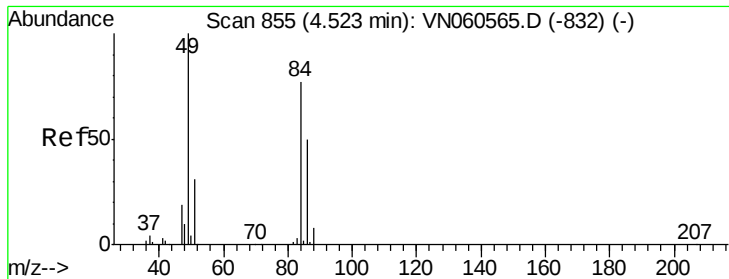
58 30.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

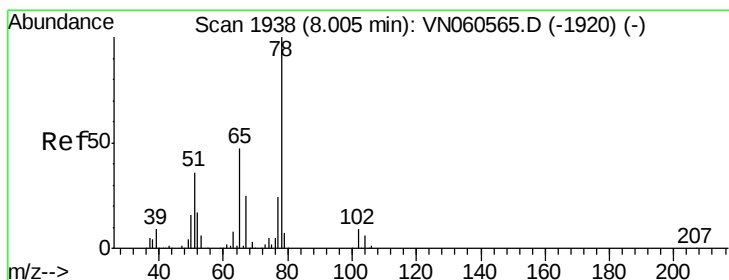
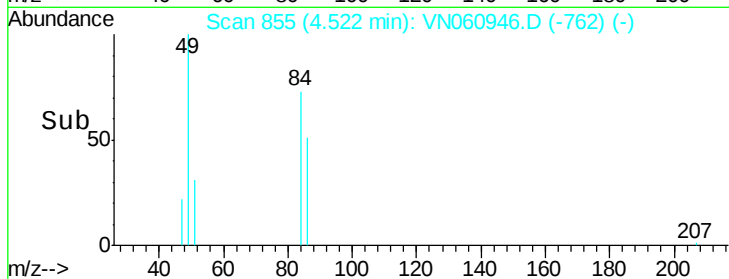
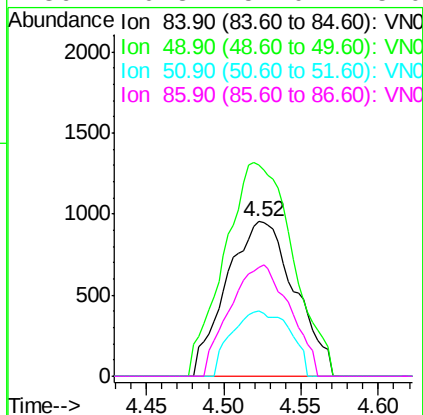
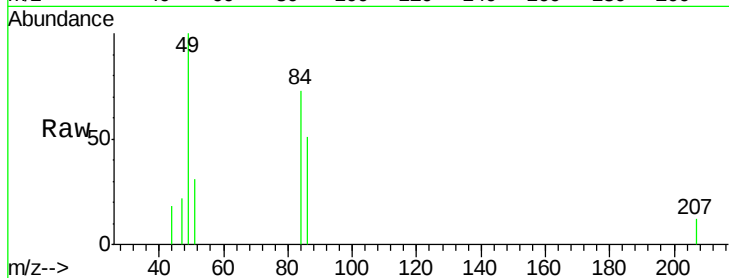




#20
Methvlene Chloride
Concen: 1.641 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060946.D
Acq: 14 Apr 2020 20:01

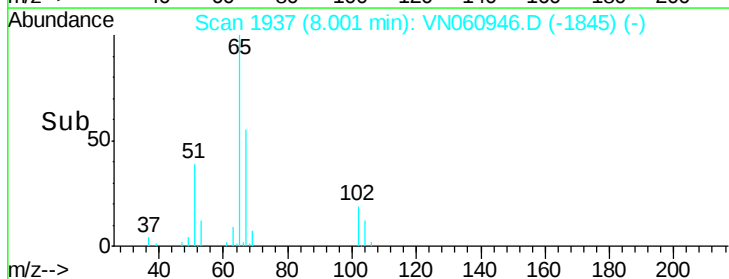
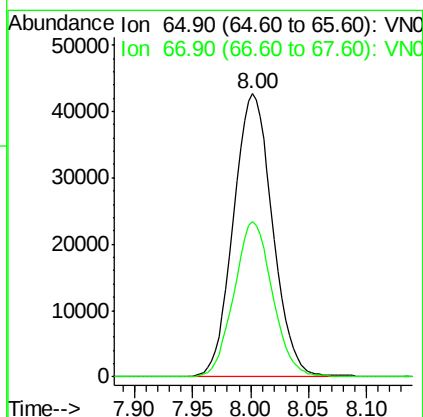
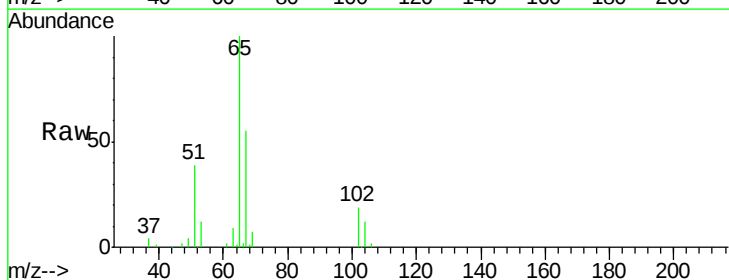
Instrument :
MSVOA_N
ClientSampled :
TP-20

Tot Ion: 84 Resp: 2934
Ion Ratio Lower Upper
84 100
49 137.0 103.3 154.9
51 42.4 31.6 47.4
86 70.3 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 48.691 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060946.D
Acq: 14 Apr 2020 20:01

Tgt Ion: 65 Resp: 99897
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060946.D

Acq: 14 Apr 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

TP-20

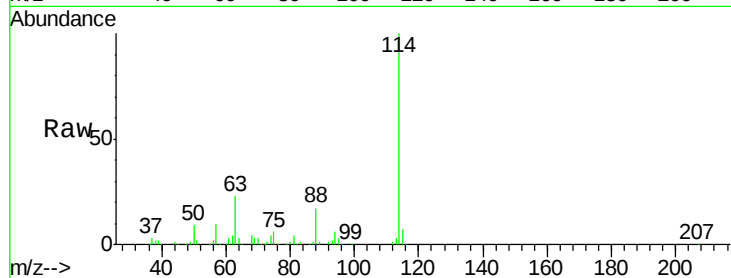
Tot Ion:114 Resp: 255509

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.8

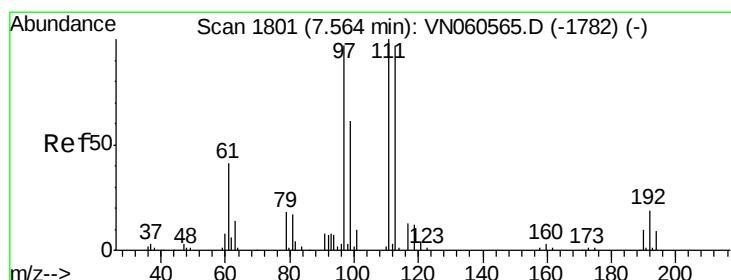
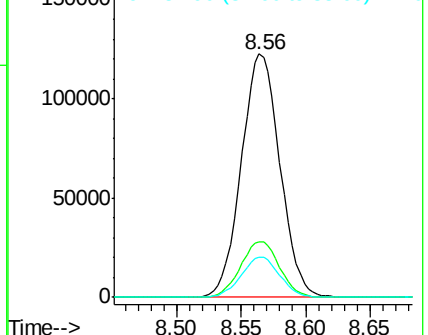
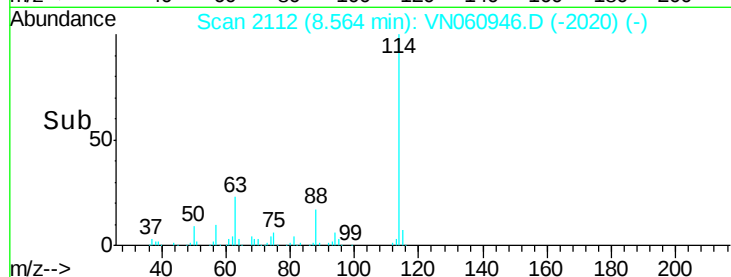
88 16.6 0.0 33.0



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: 48.884 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060946.D

Acq: 14 Apr 2020 20:01

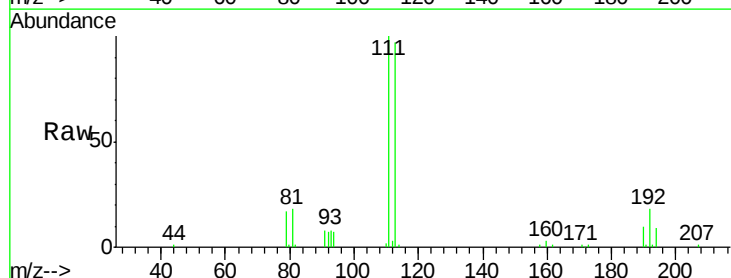
Tgt Ion:113 Resp: 75525

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

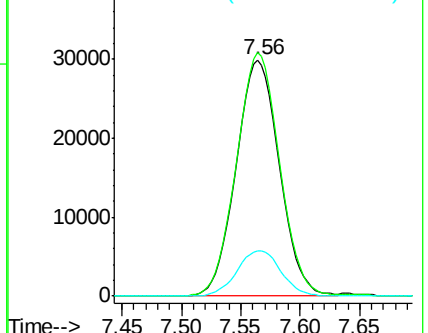
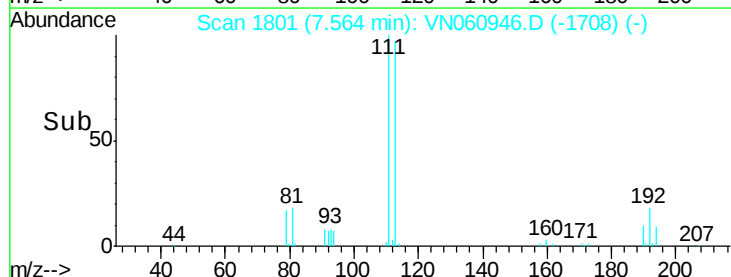
192 19.4 15.8 23.8



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: 10.025 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060946.D

Acq: 14 Apr 2020 20:01

Instrument :

MSVOA_N

ClientSampled :

TP-20

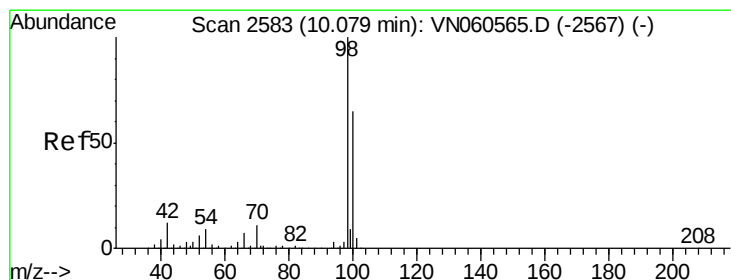
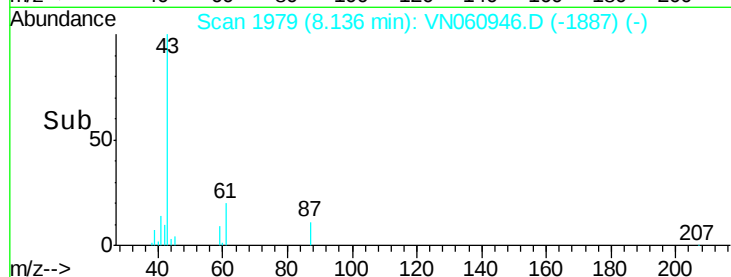
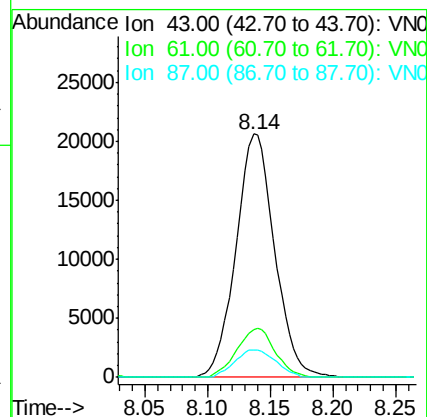
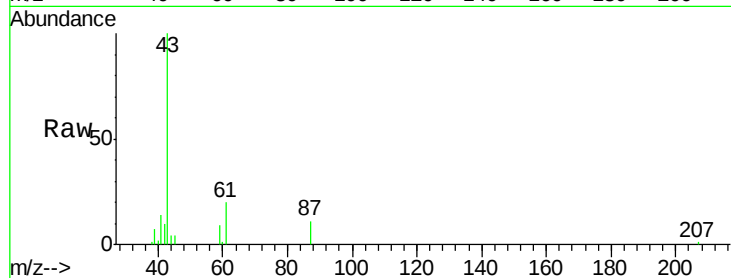
Tot Ion: 43 Resp: 44198

Ion Ratio Lower Upper

43 100

61 19.9 20.7 31.1#

87 11.9 9.8 14.8



#50

Toluene-d8

Concen: 50.184 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060946.D

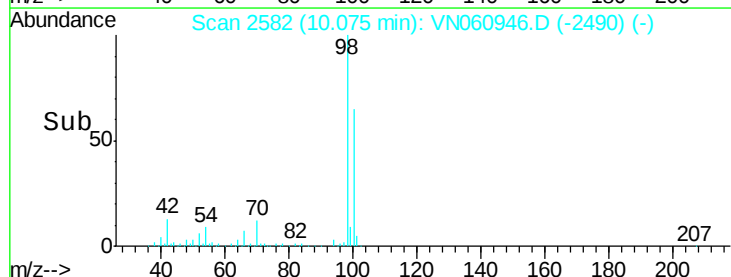
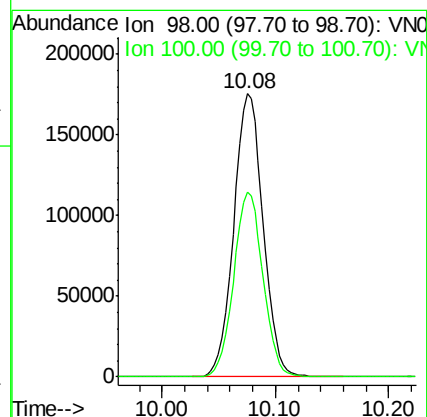
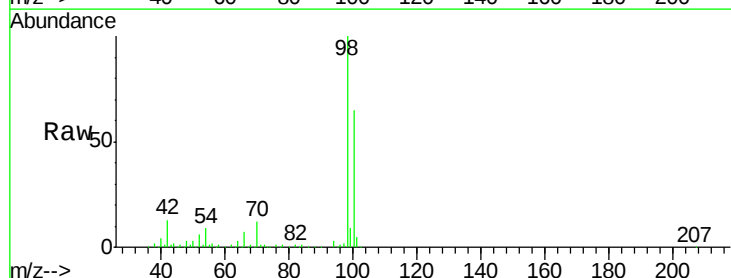
Acq: 14 Apr 2020 20:01

Tgt Ion: 98 Resp: 316693

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 52.062 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060946.D

Acq: 14 Apr 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

TP-20

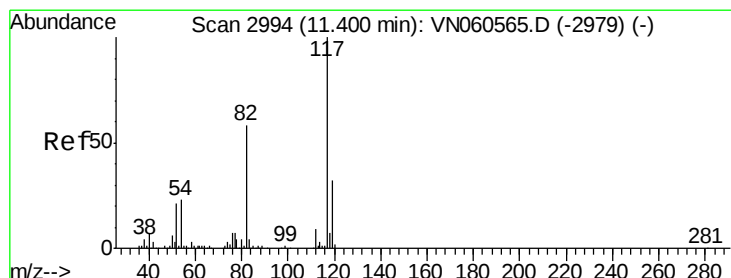
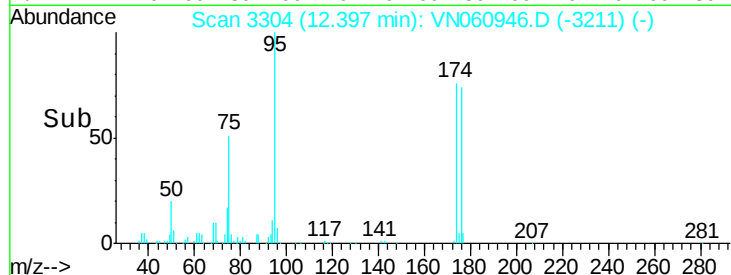
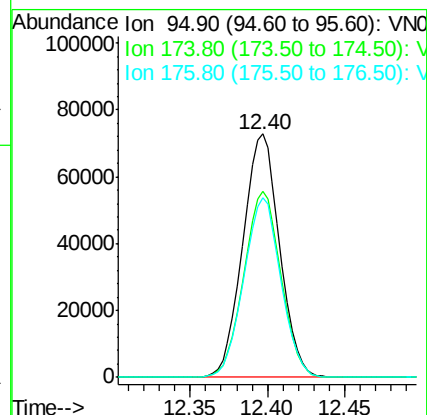
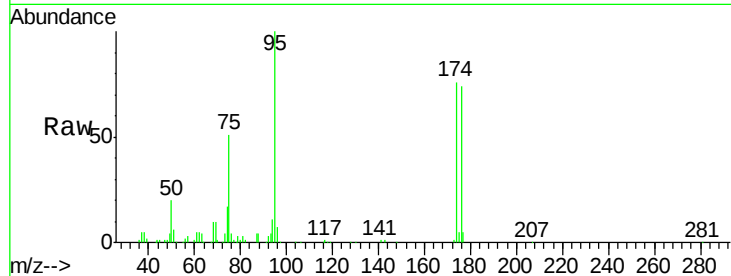
Tot Ion: 95 Resp: 120408

Ion Ratio Lower Upper

95 100

174 76.9 0.0 157.6

176 74.3 0.0 150.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060946.D

Acq: 14 Apr 2020 20:01

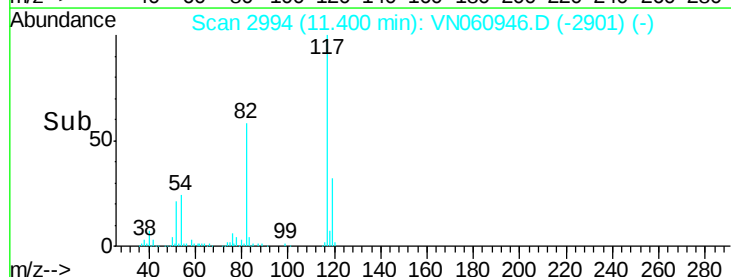
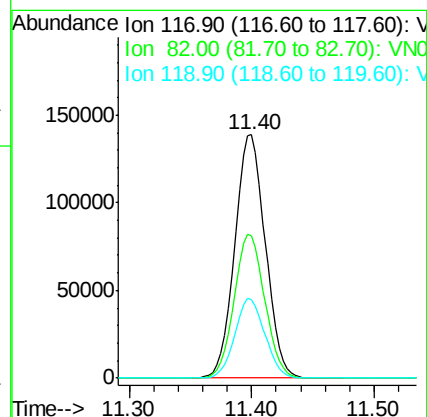
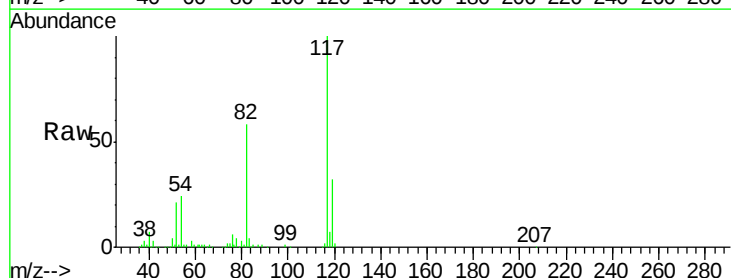
Tgt Ion: 117 Resp: 241703

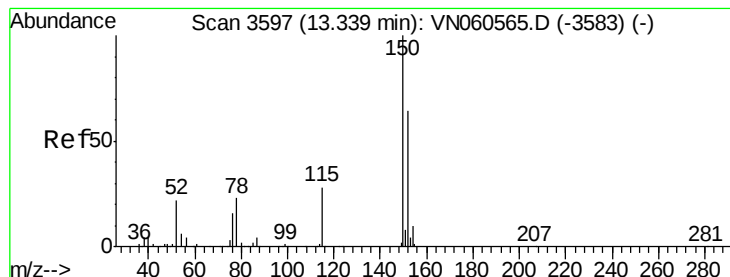
Ion Ratio Lower Upper

117 100

82 58.5 46.7 70.1

119 32.4 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: VN060946.D

Acq: 14 Apr 2020 20:01

Instrument :

MSVOA_N

ClientSampleId :

TP-20

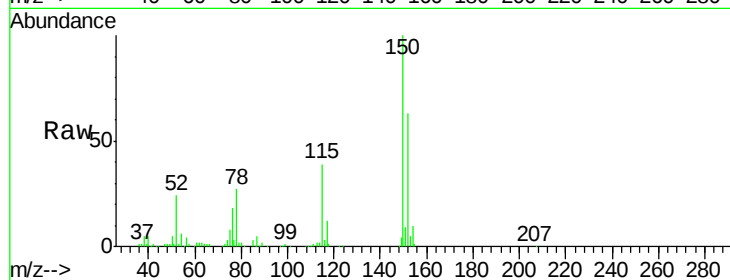
Tot Ion:152 Resp: 110530

Ion Ratio Lower Upper

152 100

115 60.6 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

