

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030520\
 Data File : VN060365.D
 Acq On : 5 Mar 2020 14:36
 Operator : JC/MD
 Sample : L1777-03DL 20X
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40681-40683DL

Quant Time: Mar 06 01:21:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

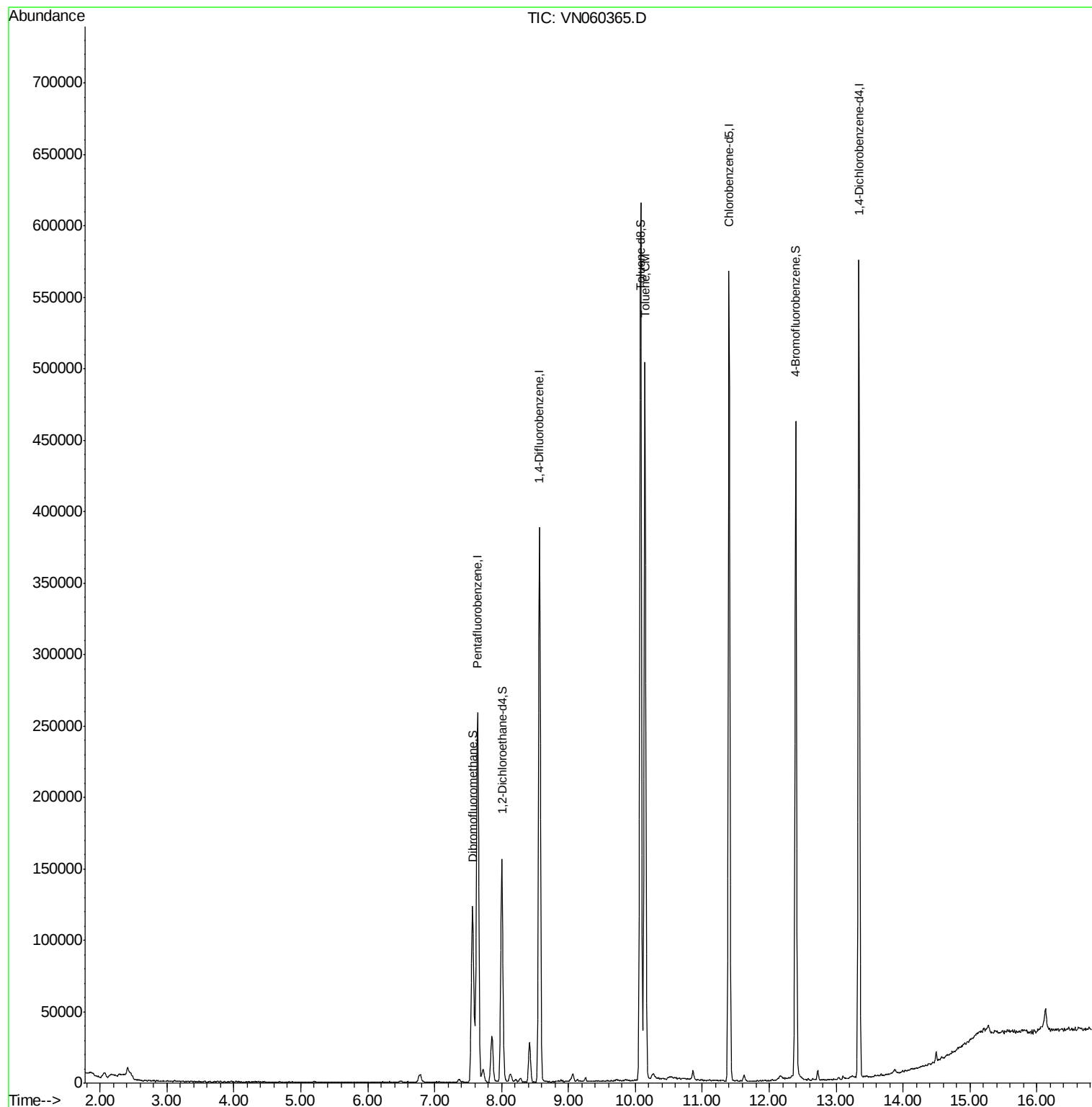
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	340982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	322612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133584	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	7.57	113	94994	60.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.04%	
50) Toluene-d8	10.08	98	422542	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.40	95	157925	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
Target Compounds						
52) Toluene	10.14	92	219287	36.908	ug/l	Qvalue 100

(#) = 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: VN060365.D

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Instrument :

MSVOA_N

ClientSampleId :

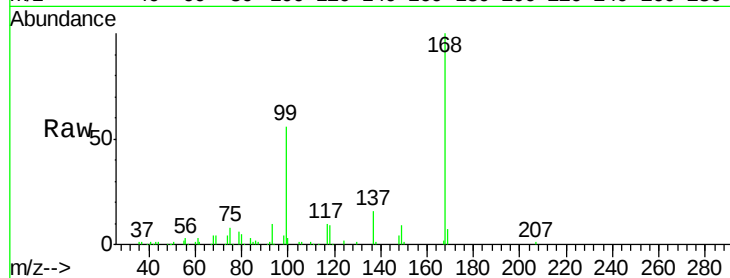
40681-40683DL

Tot Ion:168 Resp: 209998

Ion Ratio Lower Upper

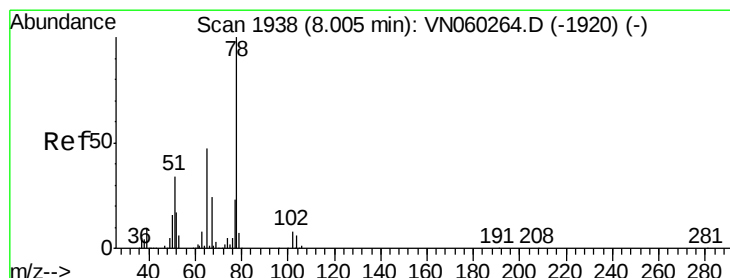
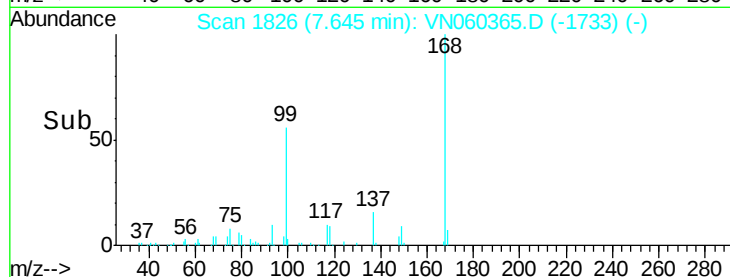
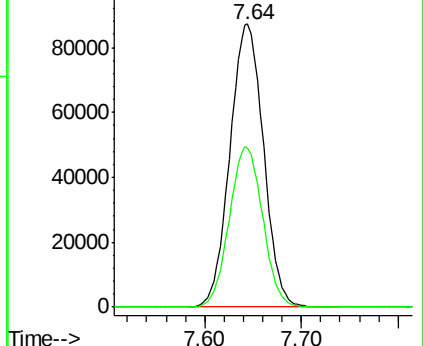
168 100

99 56.3 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.580 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060365.D

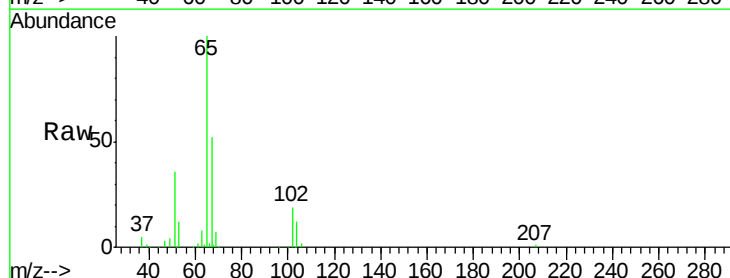
Acq: 5 Mar 2020 14:36

Tgt Ion: 65 Resp: 133584

Ion Ratio Lower Upper

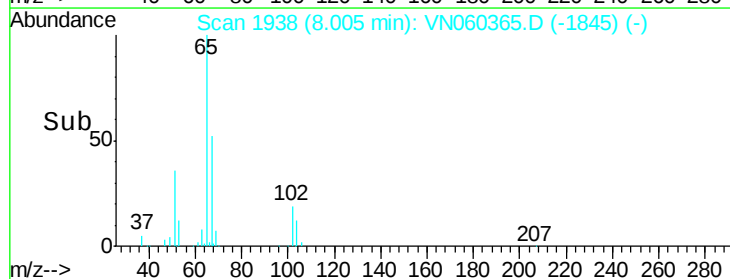
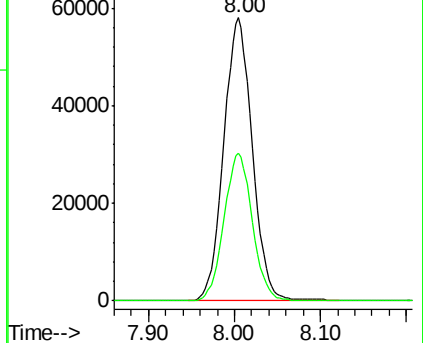
65 100

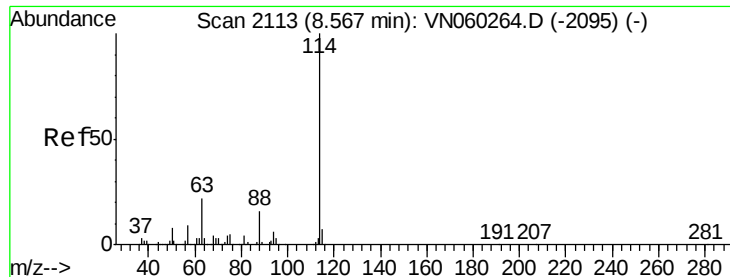
67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060365.D

Acq: 5 Mar 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

40681-40683DL

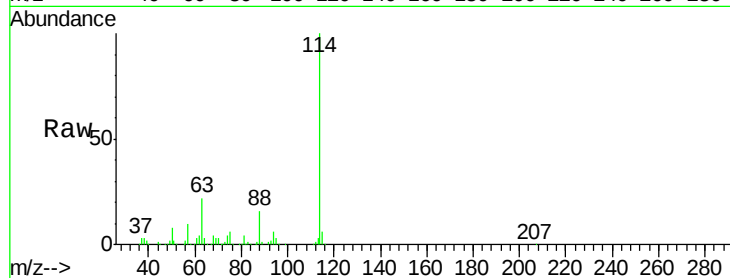
Tot Ion:114 Resp: 340982

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

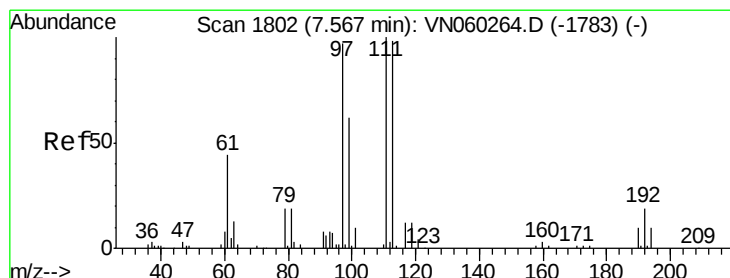
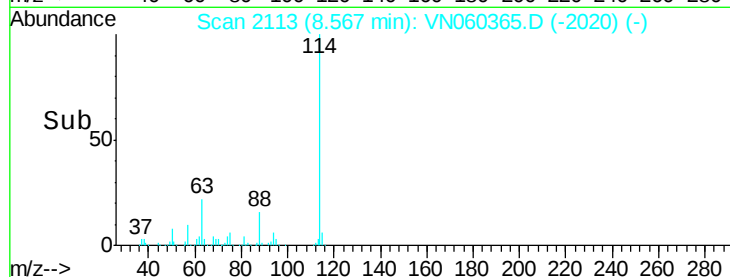
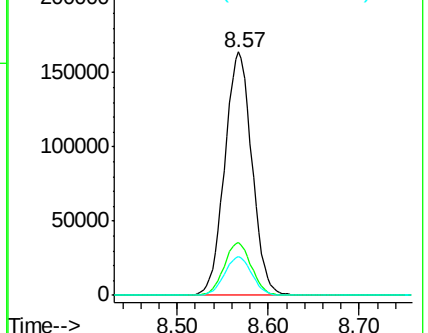
88 15.9 0.0 31.6



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: 60.019 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060365.D

Acq: 5 Mar 2020 14:36

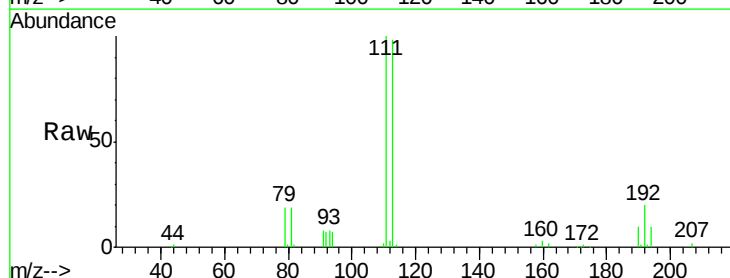
Tgt Ion:113 Resp: 94994

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

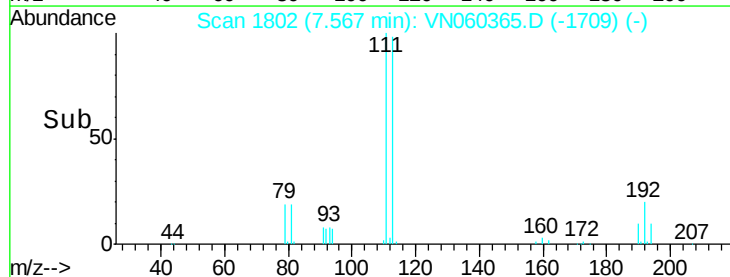
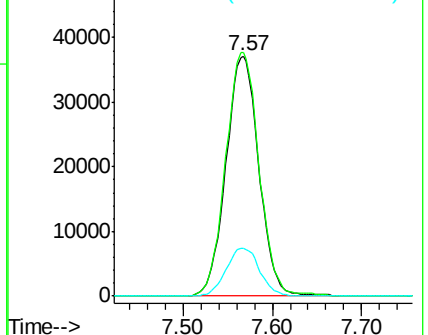
192 20.2 16.2 24.2

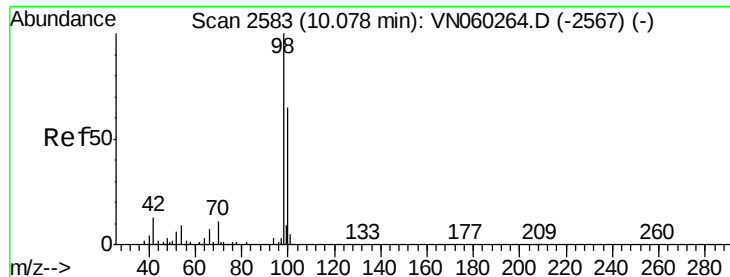


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.749 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060365.D

Acq: 5 Mar 2020 14:36

Instrument :

MSVOA_N

ClientSampled :

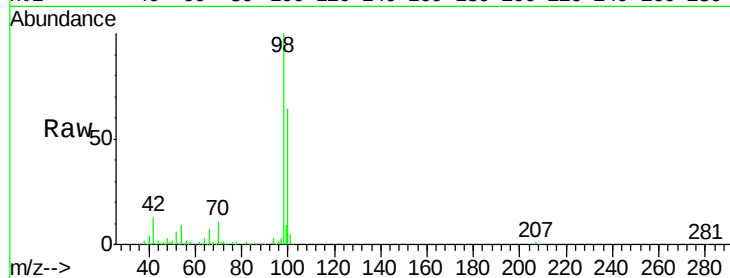
40681-40683DL

Tot Ion: 98 Resp: 422542

Ion Ratio Lower Upper

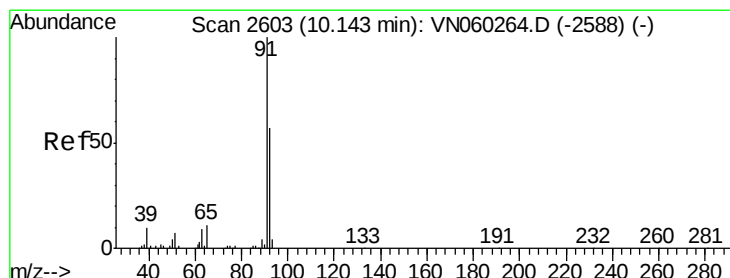
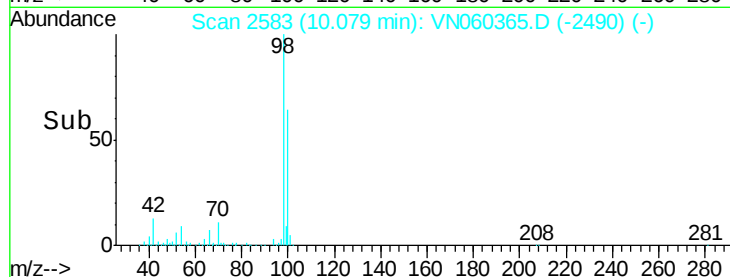
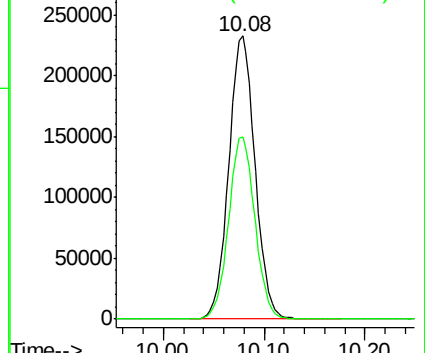
98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 36.908 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060365.D

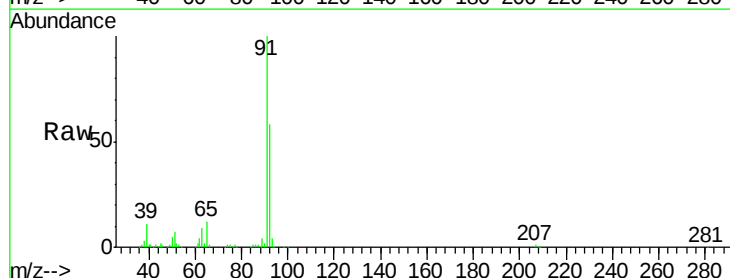
Acq: 5 Mar 2020 14:36

Tgt Ion: 92 Resp: 219287

Ion Ratio Lower Upper

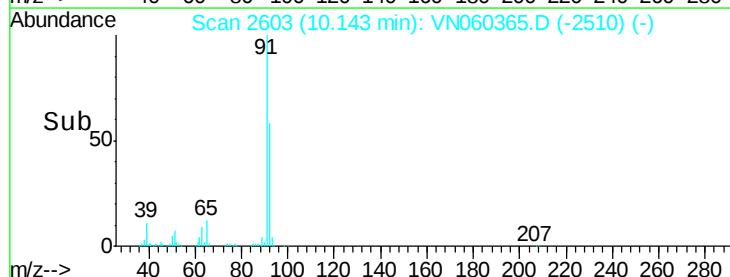
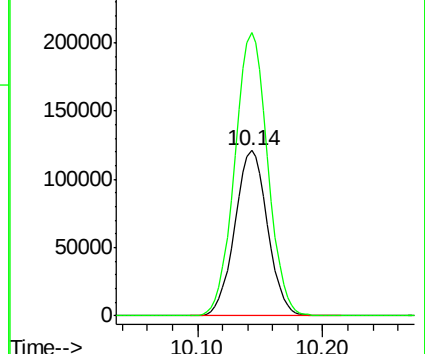
92 100

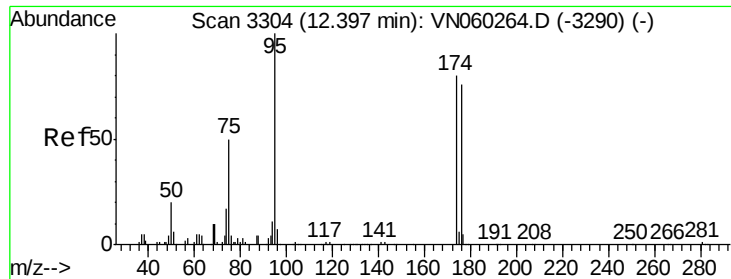
91 172.5 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

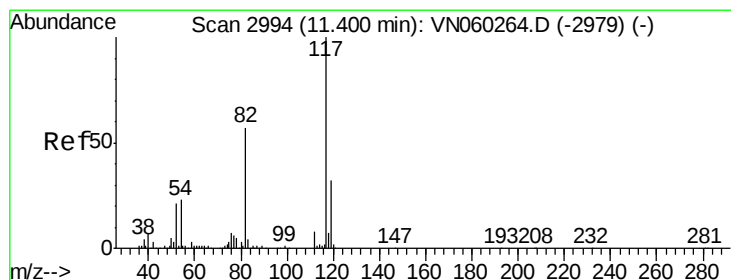
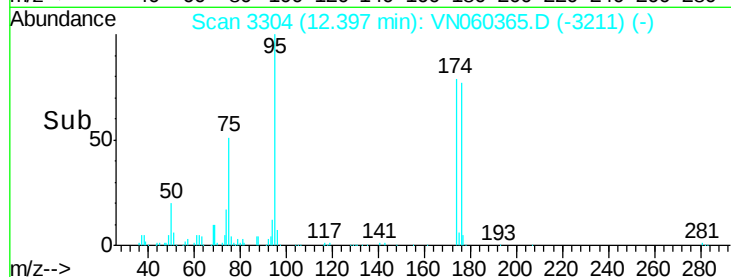
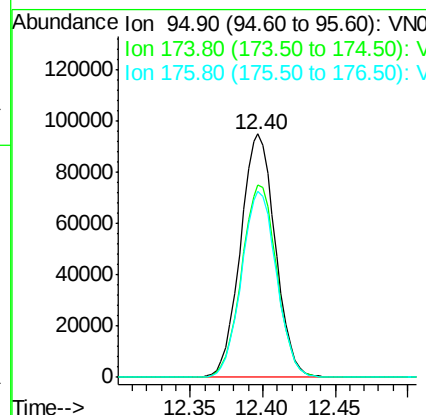
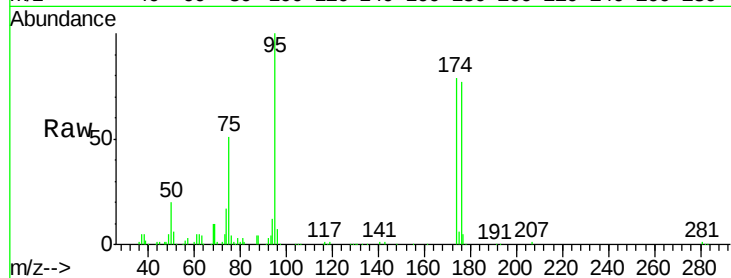




#62
4-Bromofluorobenzene
Concen: 52.008 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060365.D
Acq: 5 Mar 2020 14:36

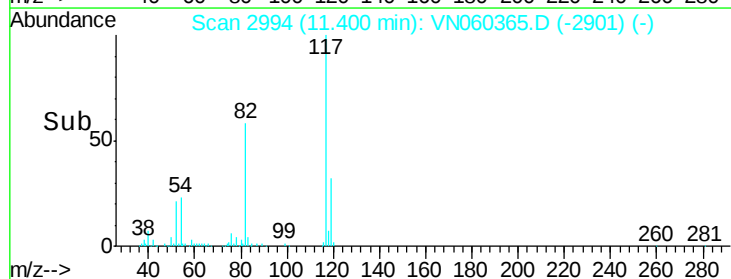
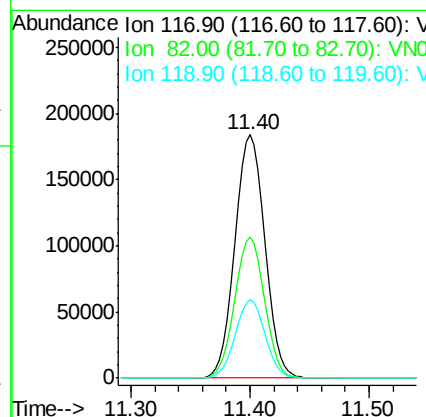
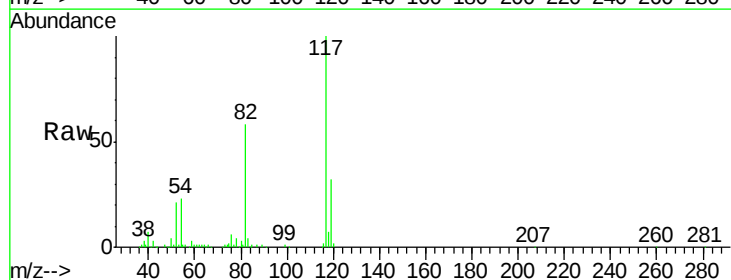
Instrument :
MSVOA_N
ClientSampleId :
40681-40683DL

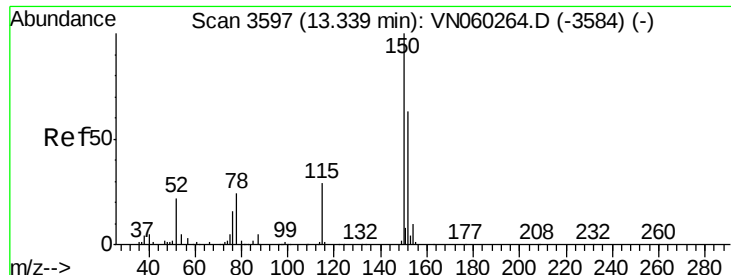
Tot Ion: 95 Resp: 157925
Ion Ratio Lower Upper
95 100
174 80.0 0.0 159.2
176 77.2 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060365.D
Acq: 5 Mar 2020 14:36

Tgt Ion: 117 Resp: 322612
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.6
119 32.1 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060365.D

Acq: 5 Mar 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

40681-40683DL

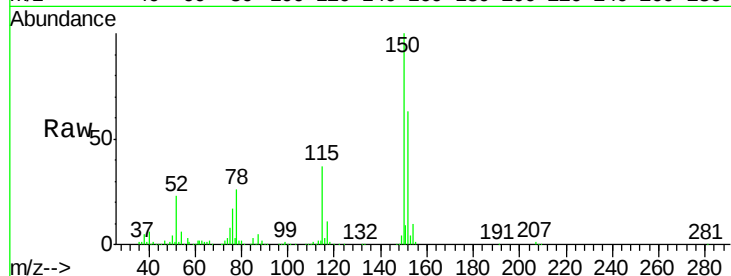
Tot Ion:152 Resp: 151404

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 157.5 0.0 349.6



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

