

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060761.D
 Acq On : 30 Mar 2020 11:19
 Operator : JC/MD
 Sample : VN0330WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBL01

Quant Time: Mar 31 08:10:59 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	194489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	324938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121436	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	122760	45.98	ug/l	0.00
Spiked Amount						
			Recovery	=	91.96%	
35) Dibromofluoromethane	7.56	113	95124	48.41	ug/l	0.00
Spiked Amount						
			Recovery	=	96.82%	
50) Toluene-d8	10.08	98	395349	49.26	ug/l	0.00
Spiked Amount						
			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.40	95	140079	47.63	ug/l	0.00
Spiked Amount						
			Recovery	=	95.26%	

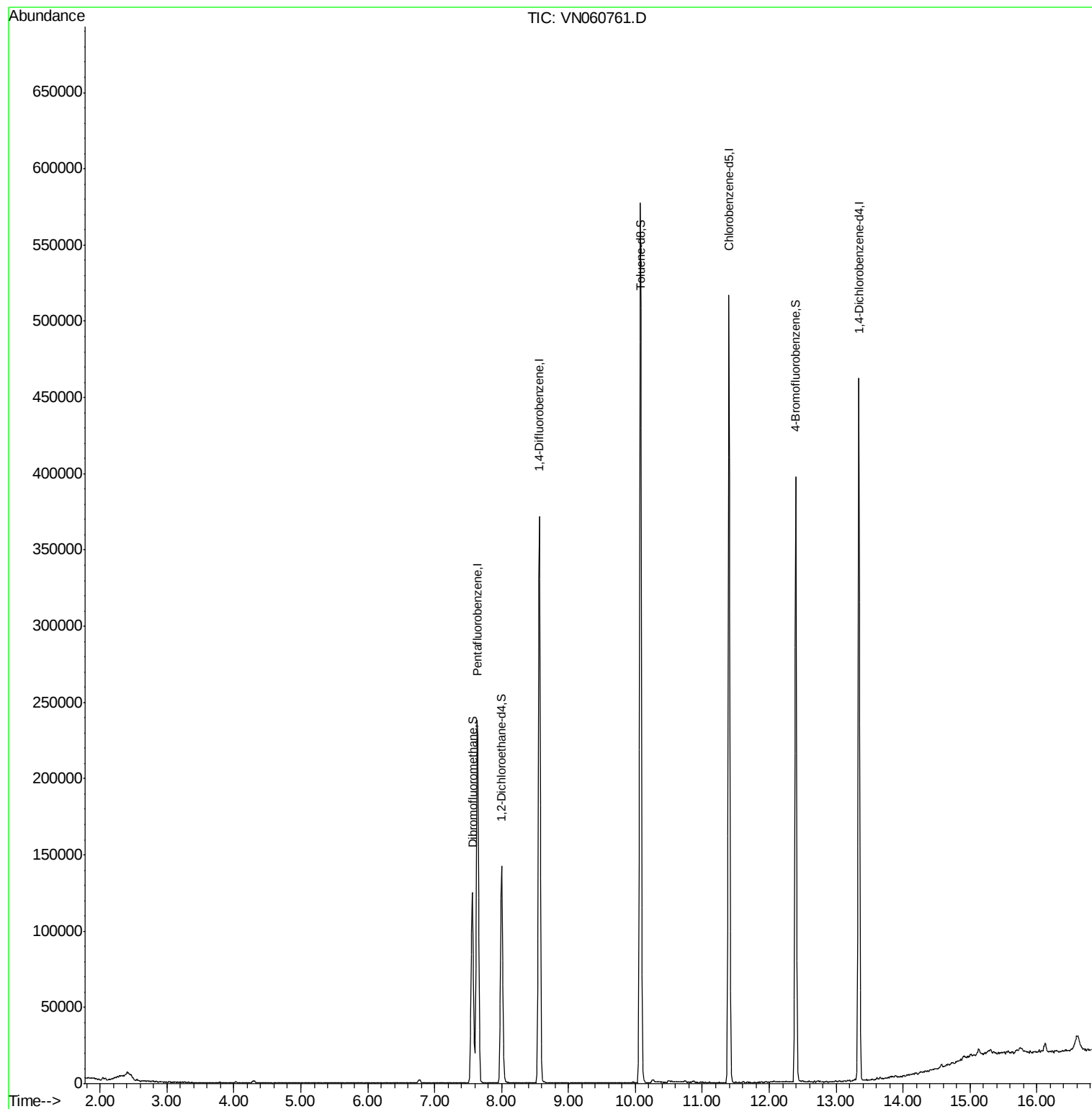
Target Compounds	Qvalue

(#) = 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: VN060761.D

Acq: 30 Mar 2020 11:19

Instrument :

MSVOA_N

ClientSampleId :

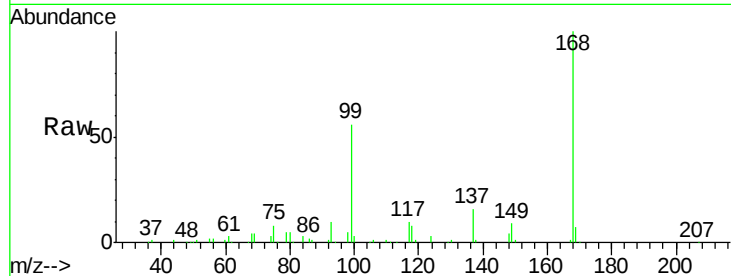
VN0330WBL01

Tot Ion:168 Resp: 194489

Ion Ratio Lower Upper

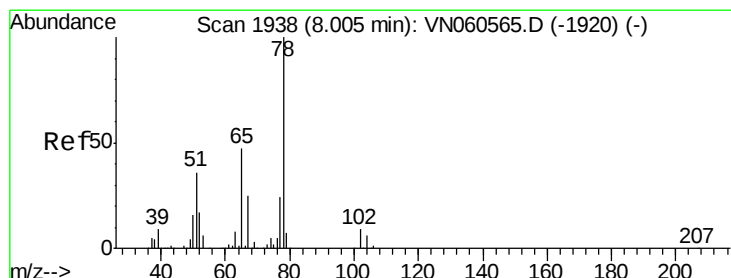
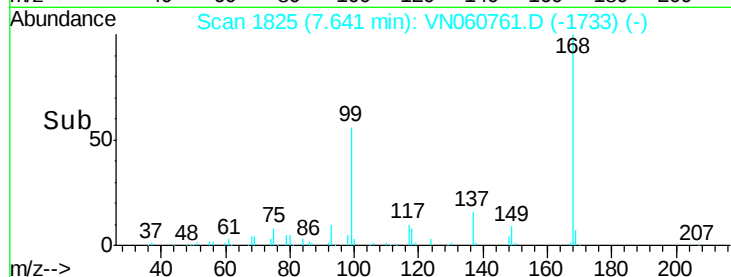
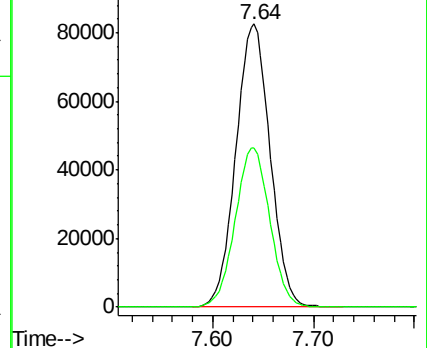
168 100

99 56.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 45.979 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060761.D

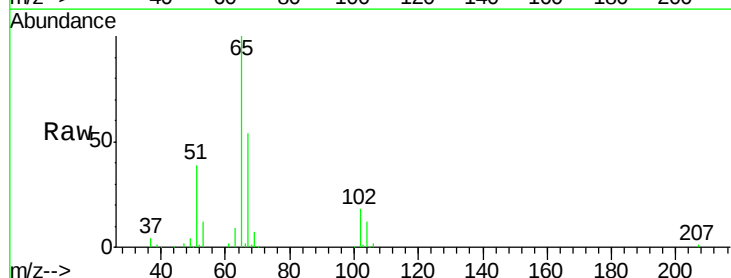
Acq: 30 Mar 2020 11:19

Tgt Ion: 65 Resp: 122760

Ion Ratio Lower Upper

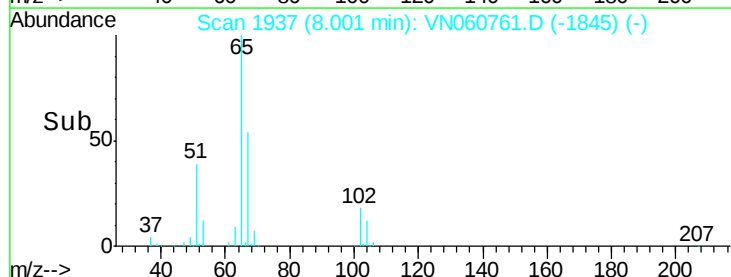
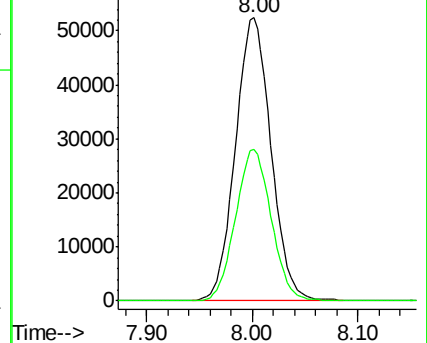
65 100

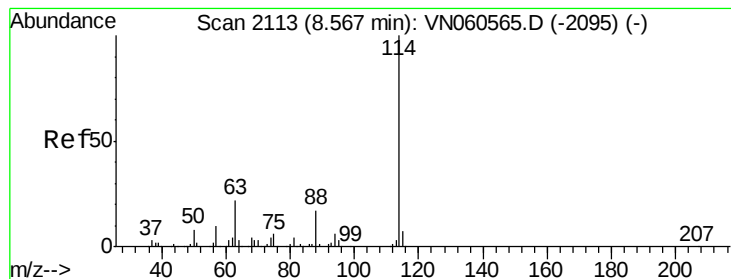
67 53.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060761.D

Acq: 30 Mar 2020 11:19

Instrument :

MSVOA_N

ClientSampleId :

VN0330WBL01

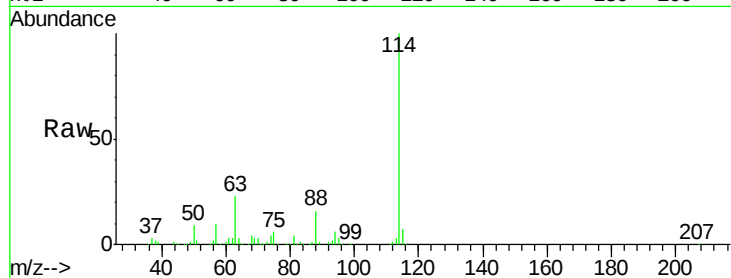
Tot Ion:114 Resp: 324938

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

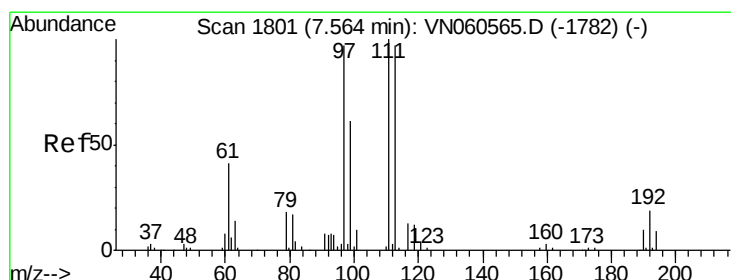
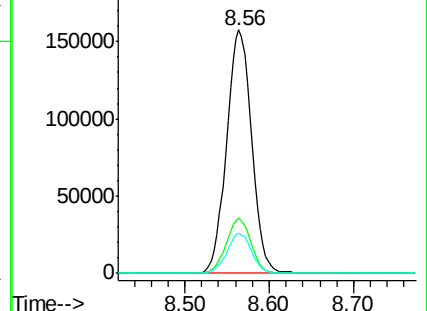
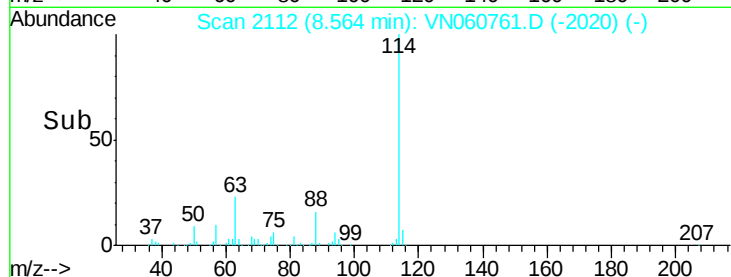
88 16.5 0.0 33.0



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: 48.414 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN060761.D

Acq: 30 Mar 2020 11:19

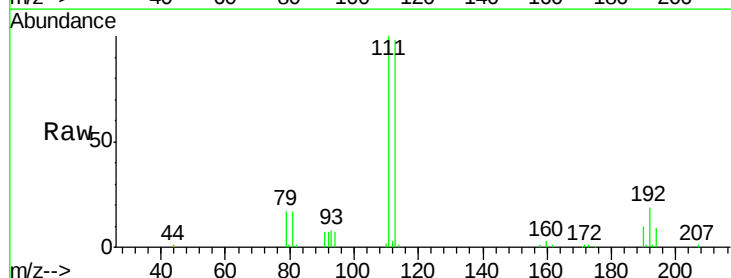
Tgt Ion:113 Resp: 95124

Ion Ratio Lower Upper

113 100

111 104.4 82.9 124.3

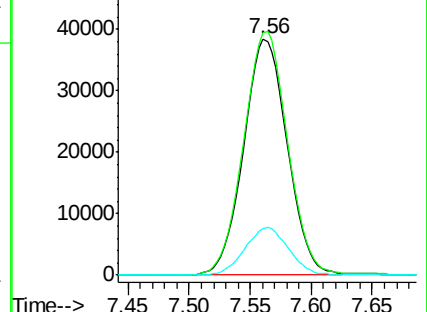
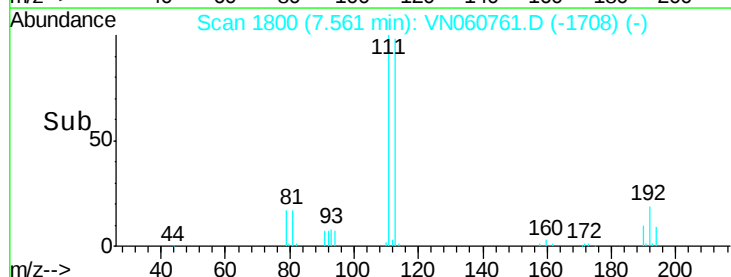
192 20.1 15.8 23.8

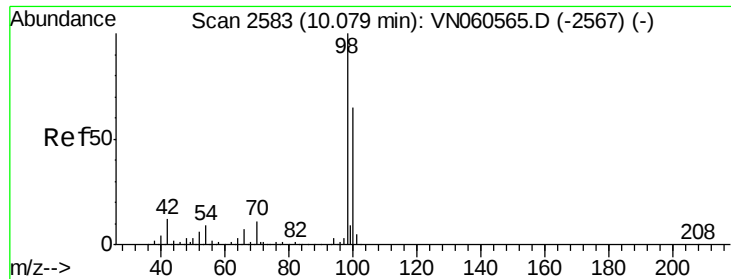


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.262 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060761.D

Acq: 30 Mar 2020 11:19

Instrument :

MSVOA_N

ClientSampleId :

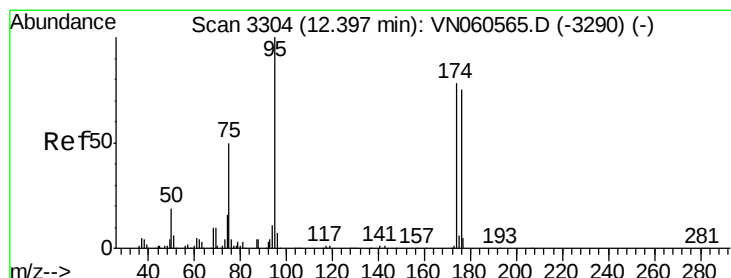
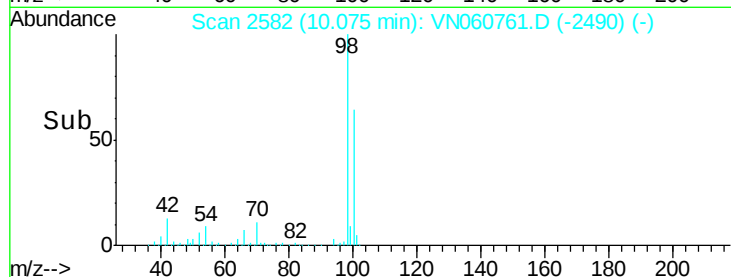
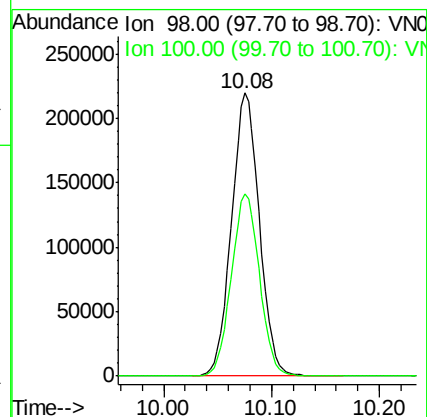
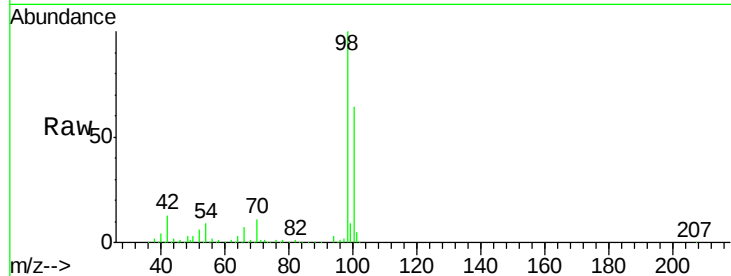
VN0330WBL01

Tot Ion: 98 Resp: 395349

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 47.626 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060761.D

Acq: 30 Mar 2020 11:19

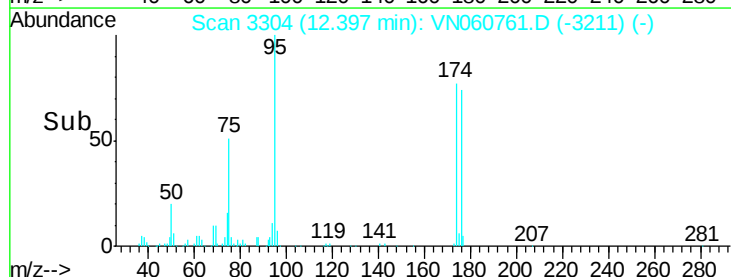
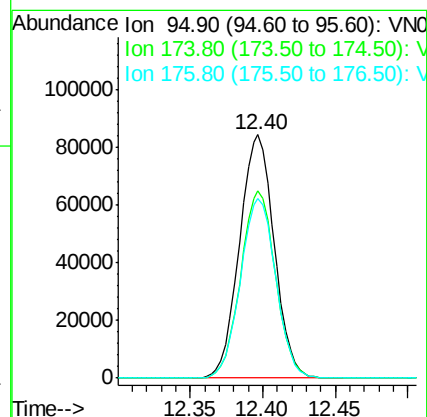
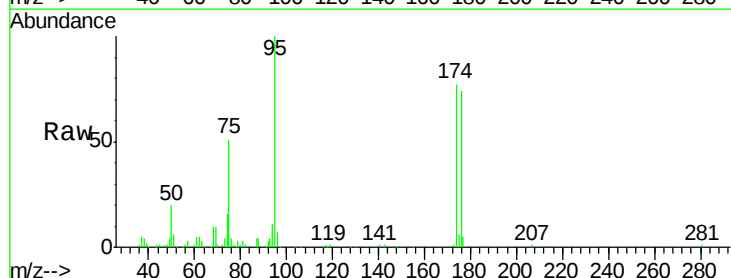
Tgt Ion: 95 Resp: 140079

Ion Ratio Lower Upper

95 100

174 77.1 0.0 157.6

176 75.0 0.0 150.6

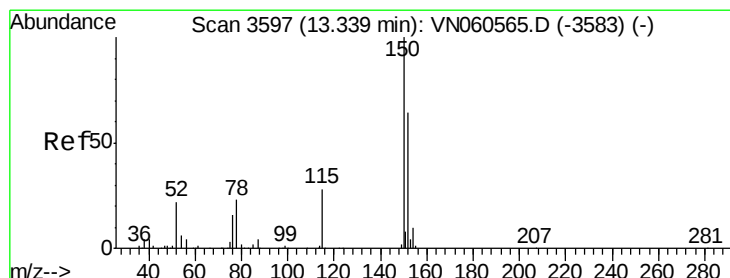
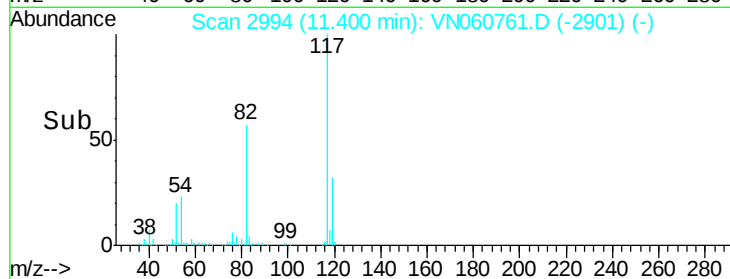
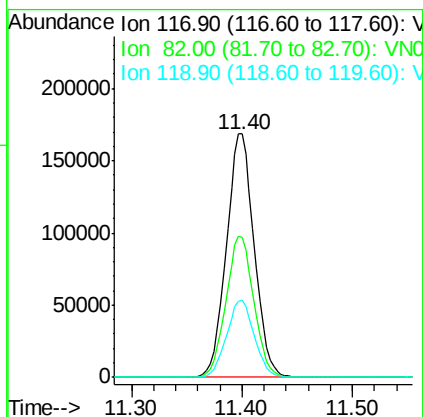
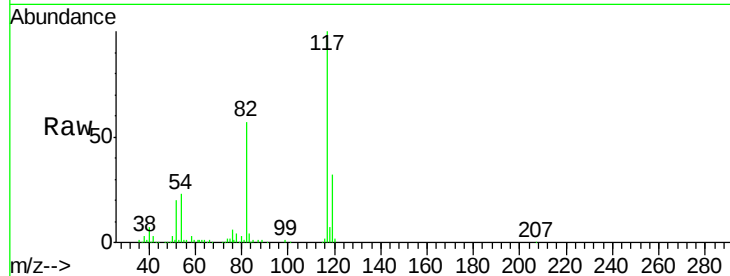




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060761.D
Acq: 30 Mar 2020 11:19

Instrument :
MSVOA_N
ClientSampleId :
VN0330WBL01

Tot Ion:117 Resp: 293446
Ion Ratio Lower Upper
117 100
82 57.2 46.7 70.1
119 31.5 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: VN060761.D
Acq: 30 Mar 2020 11:19

Tgt Ion:152 Resp: 121436
Ion Ratio Lower Upper
152 100
115 59.8 30.2 90.6
150 157.1 0.0 350.2

