

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022020\
 Data File : VN060163.D
 Acq On : 20 Feb 2020 10:58
 Operator : JC/MD
 Sample : VN0220WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBL01

Quant Time: Feb 21 02:42:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	171388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	271503	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	248948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105460	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	102493	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	7.56	113	81971	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.08	98	328027	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.40	95	114603	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

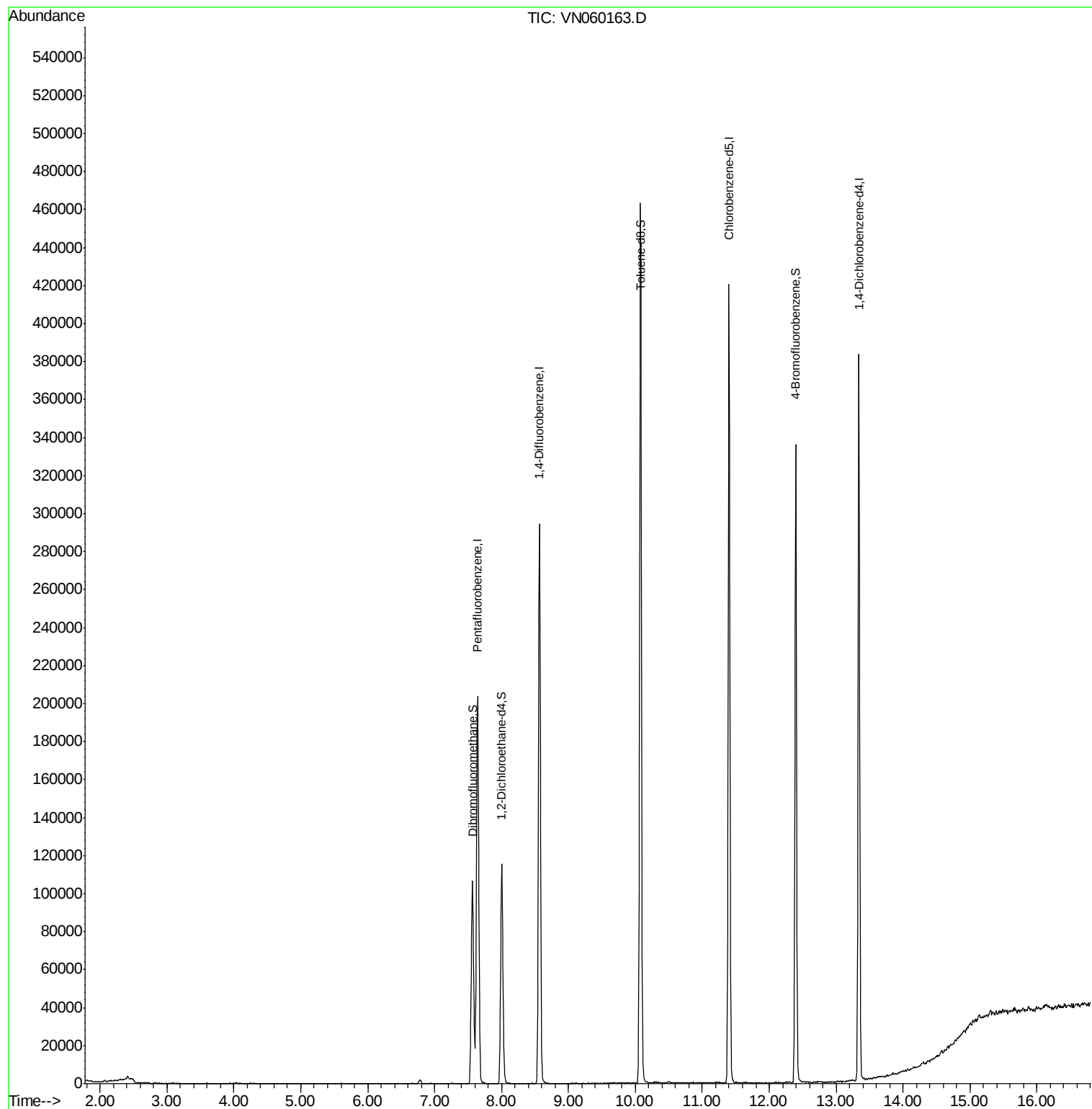
Target Compounds	Qvalue

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

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QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060163.D

Acq: 20 Feb 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

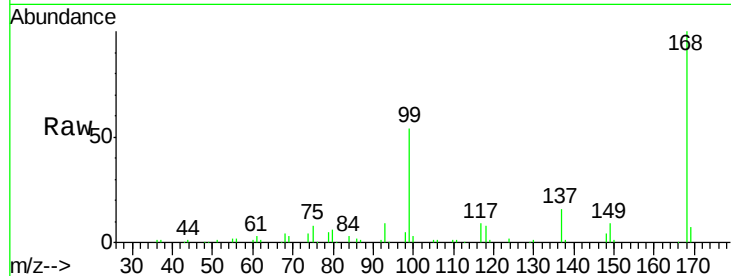
VN0220WBL01

Tot Ion:168 Resp: 171388

Ion Ratio Lower Upper

168 100

99 54.2 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN060069.D (-1806) (-)

7.64

80000

60000

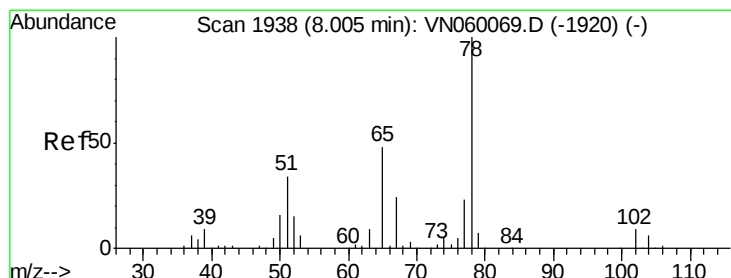
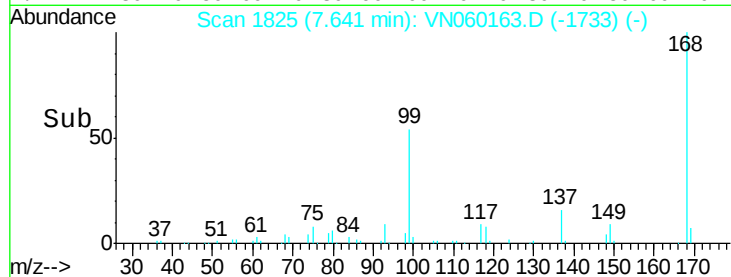
40000

20000

0

7.50 7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.146 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060163.D

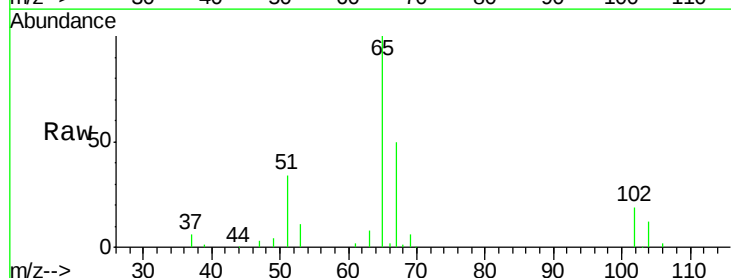
Acq: 20 Feb 2020 10:58

Tgt Ion: 65 Resp: 102493

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060069.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060069.D (-1920) (-)

8.00

50000

40000

30000

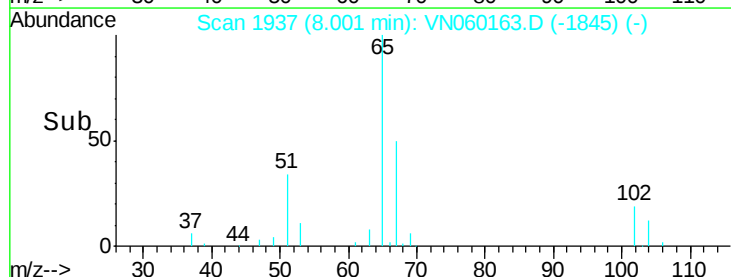
20000

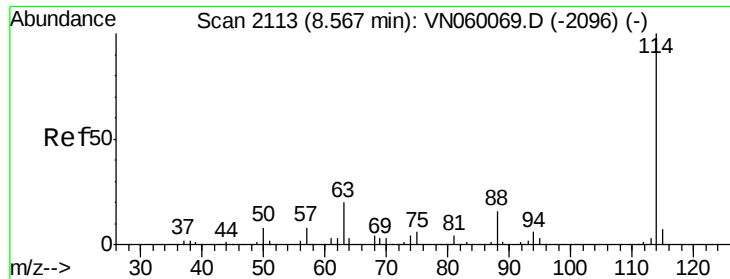
10000

0

7.90 7.95 8.00 8.05 8.10

Time-->

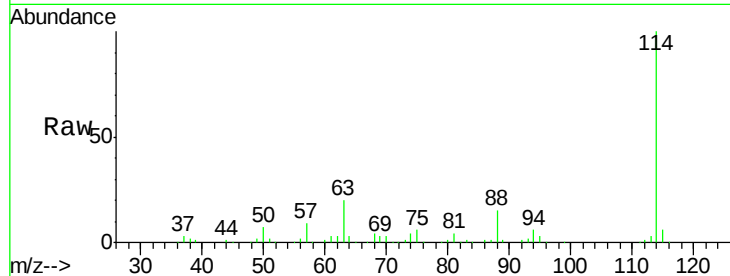




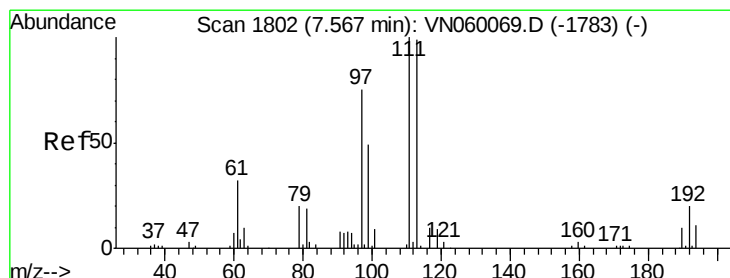
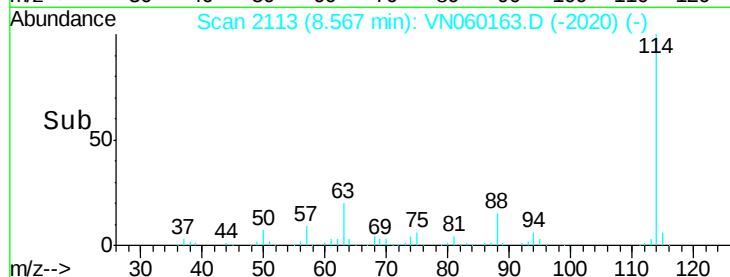
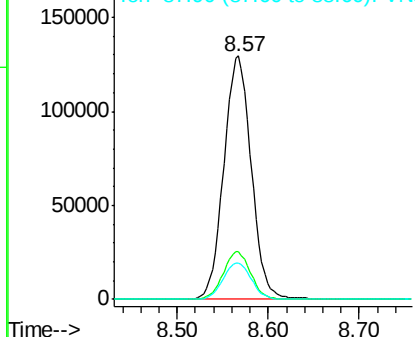
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060163.D
 Acq: 20 Feb 2020 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBL01

Tot Ion:114 Resp: 271503
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 14.9 0.0 31.6

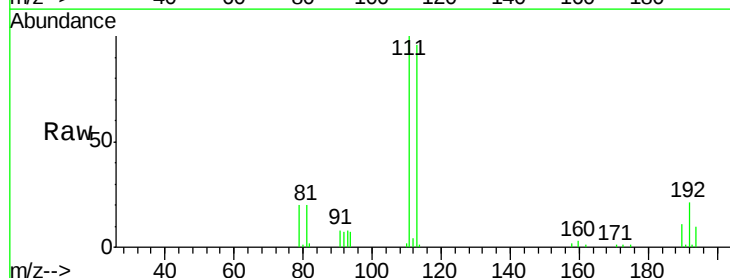


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

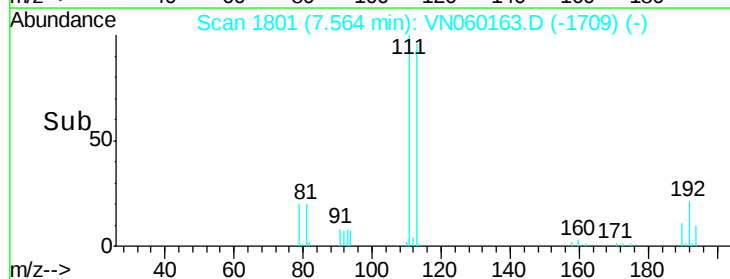
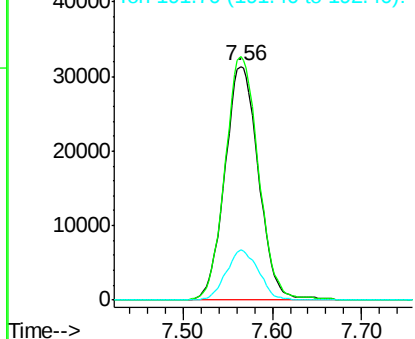


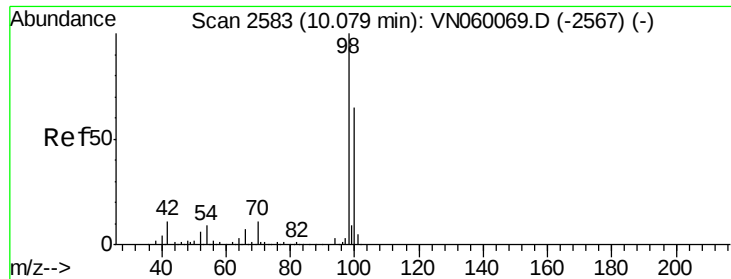
#35
 Dibromofluoromethane
 Concen: 49.116 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060163.D
 Acq: 20 Feb 2020 10:58

Tgt Ion:113 Resp: 81971
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.4 122.2
 192 20.6 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: 49.912 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060163.D

Acq: 20 Feb 2020 10:58

Instrument :

MSVOA_N

ClientSampleId :

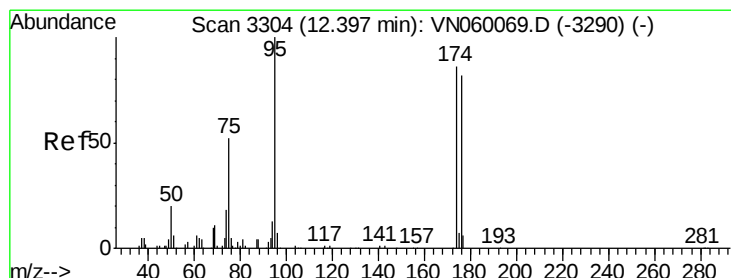
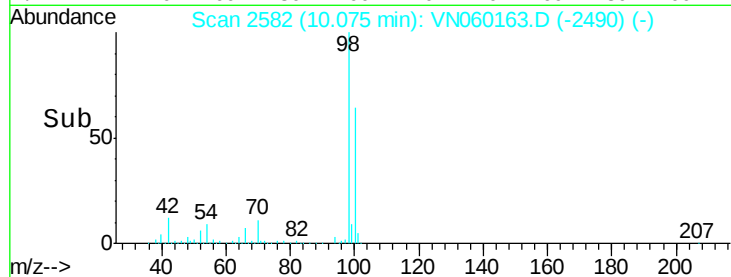
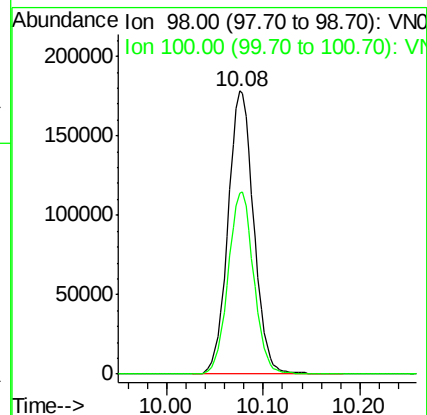
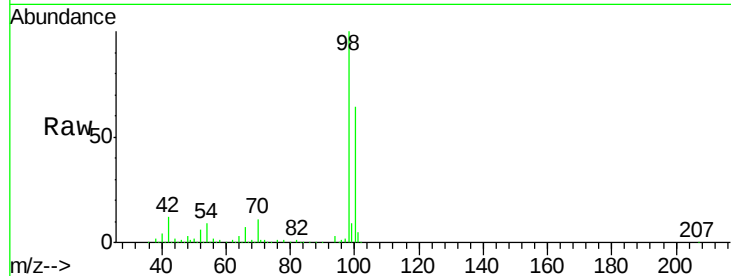
VN0220WBL01

Tot Ion: 98 Resp: 328027

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.455 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060163.D

Acq: 20 Feb 2020 10:58

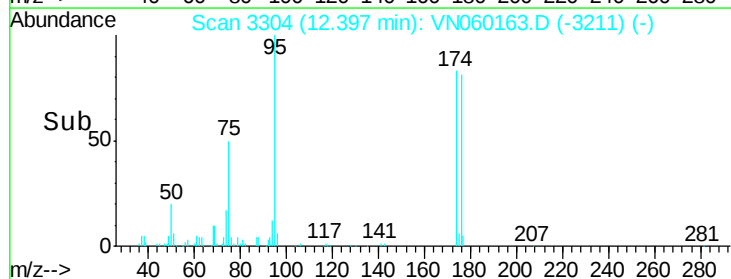
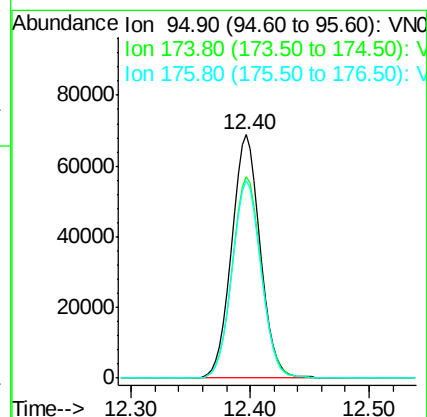
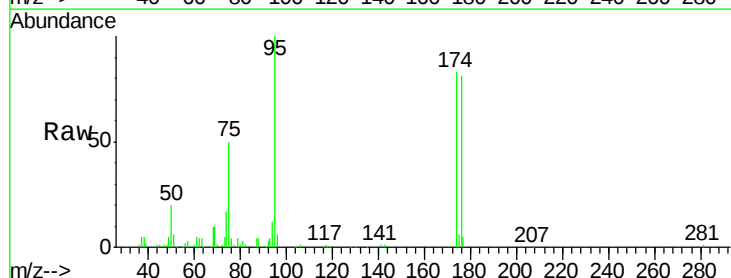
Tgt Ion: 95 Resp: 114603

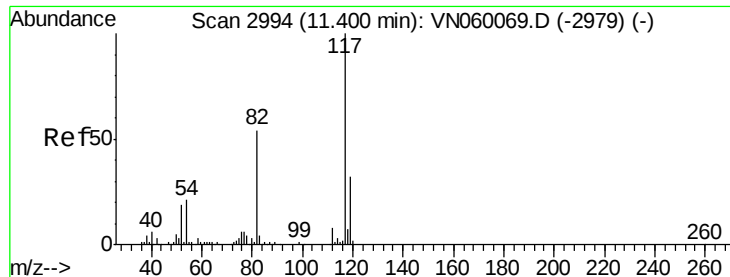
Ion Ratio Lower Upper

95 100

174 84.2 0.0 169.8

176 82.1 0.0 164.8

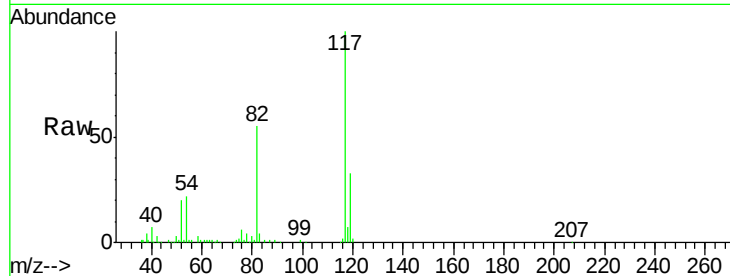




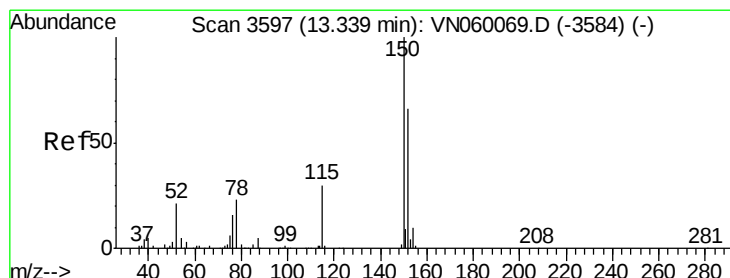
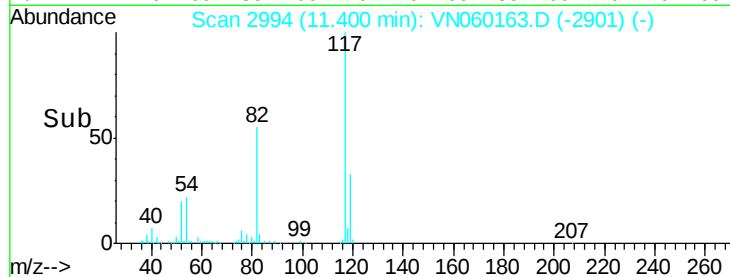
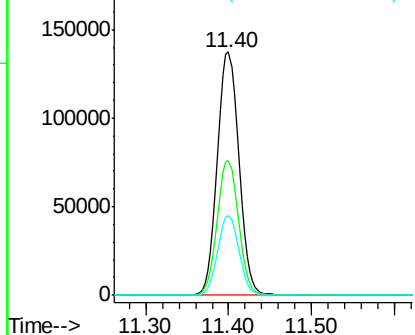
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060163.D
Acq: 20 Feb 2020 10:58

Instrument :
MSVOA_N
ClientSampleId :
VN0220WBL01

Tot Ion:117 Resp: 248948
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 33.0 25.8 38.6

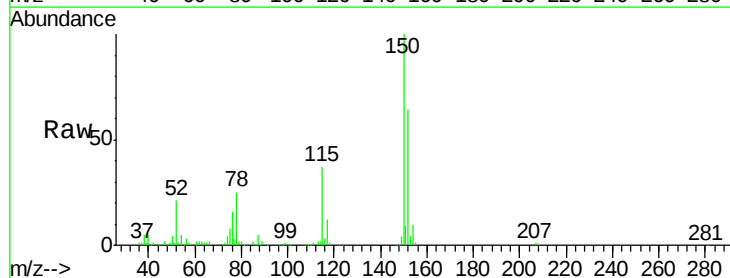


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060163.D
Acq: 20 Feb 2020 10:58

Tgt Ion:152 Resp: 105460
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 156.5 0.0 342.4



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

