

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\
 Data File : VN060879.D
 Acq On : 7 Apr 2020 16:04
 Operator : JC/MD
 Sample : L2167-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Apr 08 08:18:49 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	195809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	326555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	304411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133233	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	125833	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
35) Dibromofluoromethane	7.56	113	97608	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
50) Toluene-d8	10.08	98	401577	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	148354	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	

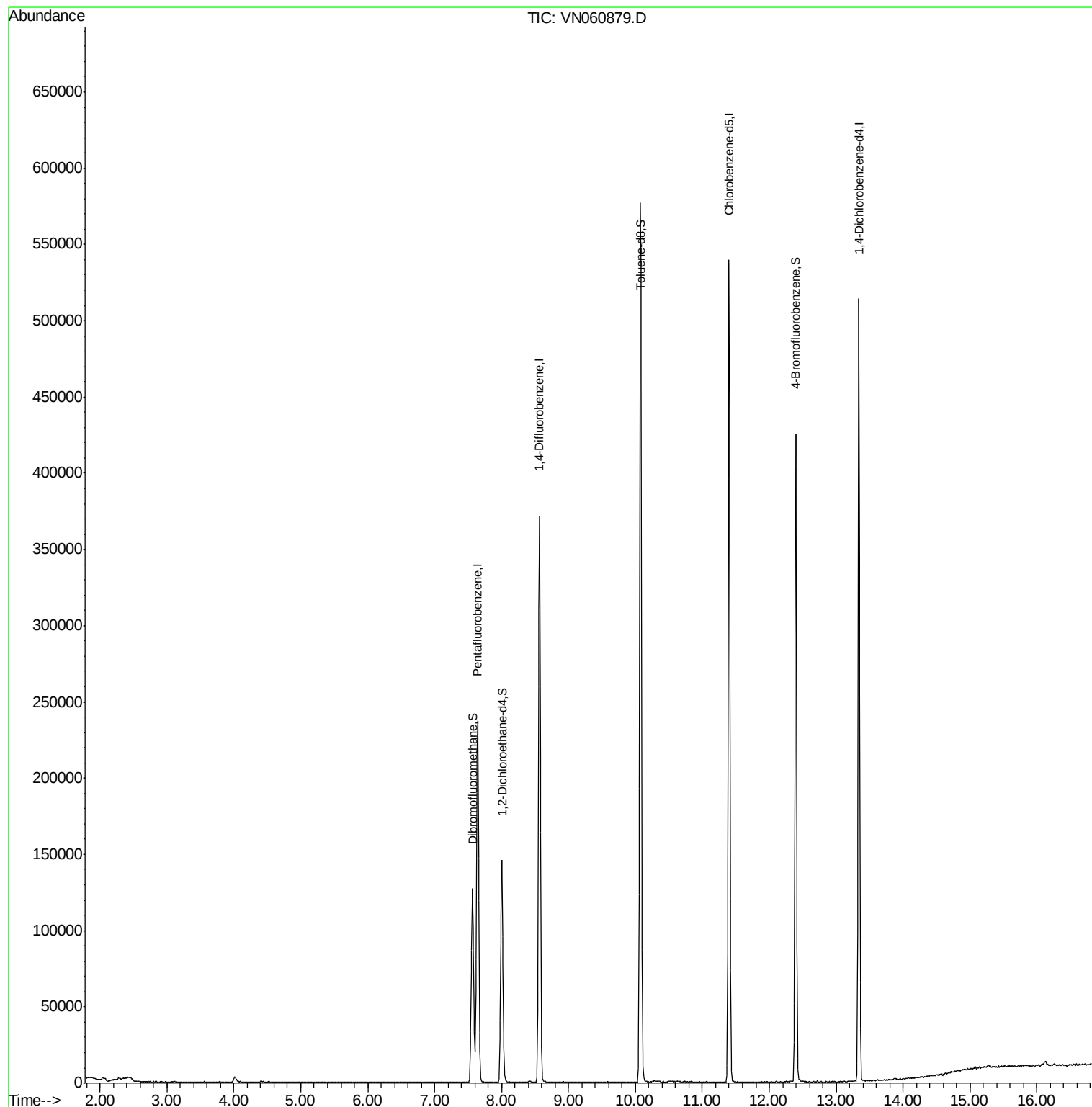
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

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Acq: 7 Apr 2020 16:04

Instrument :

MSVOA_N

ClientSampleId :

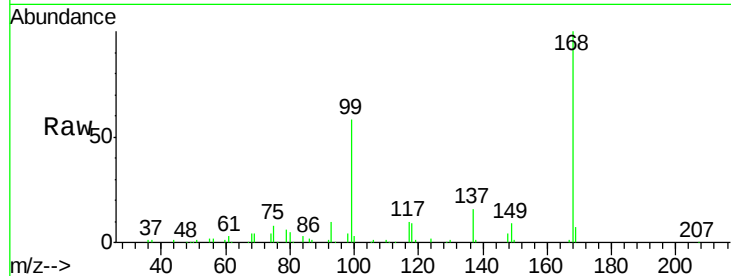
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 195809

Ion Ratio Lower Upper

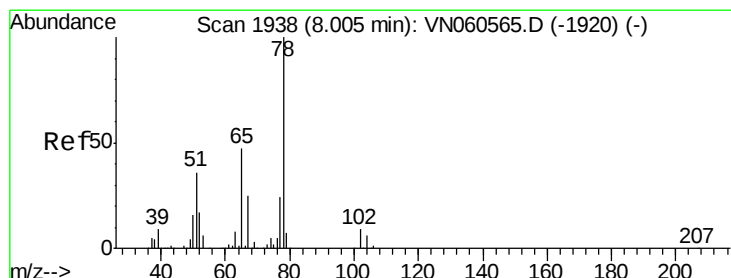
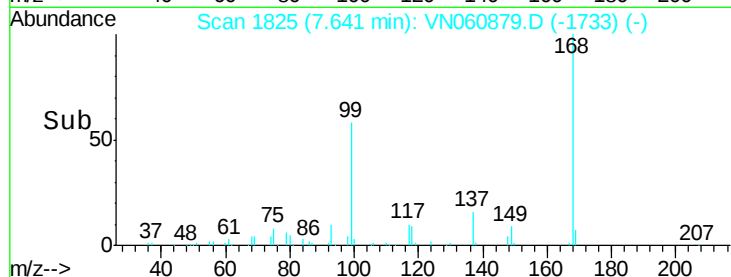
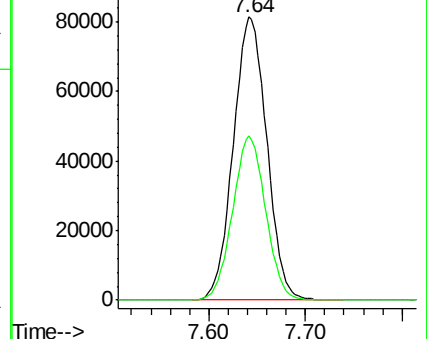
168 100

99 57.9 44.0 66.0



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: 46.813 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060879.D

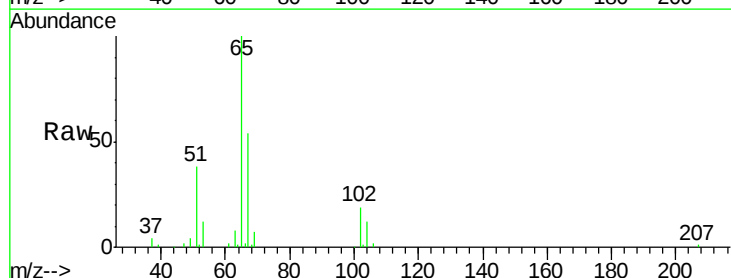
Acq: 7 Apr 2020 16:04

Tgt Ion: 65 Resp: 125833

Ion Ratio Lower Upper

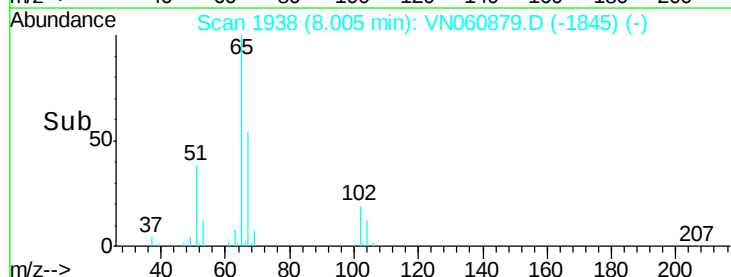
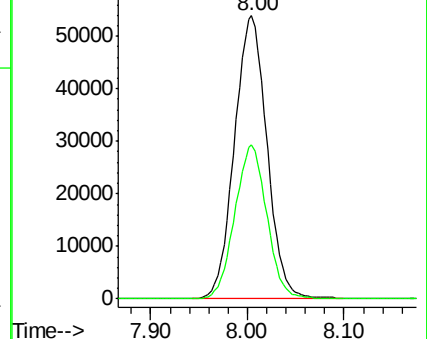
65 100

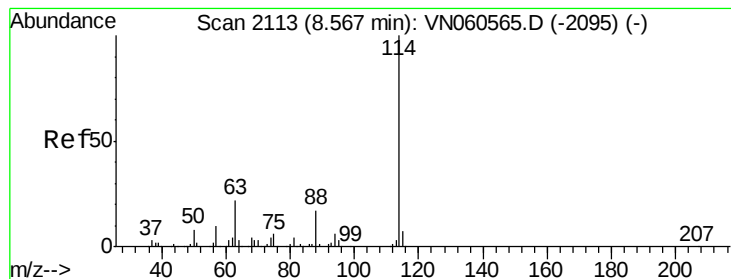
67 53.4 0.0 107.6



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: VN060879.D

Acq: 7 Apr 2020 16:04

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

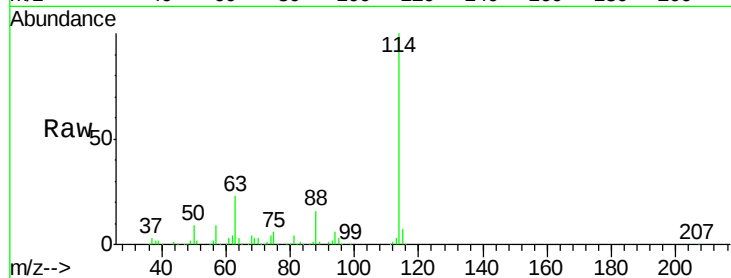
Tot Ion:114 Resp: 326555

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

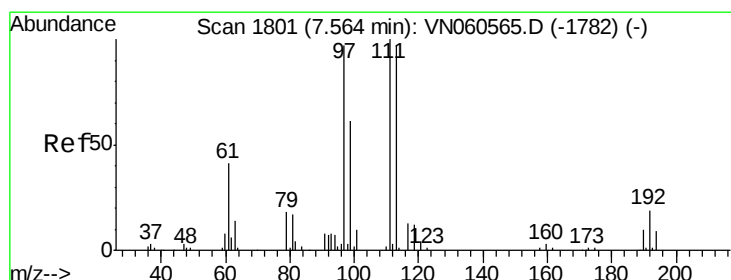
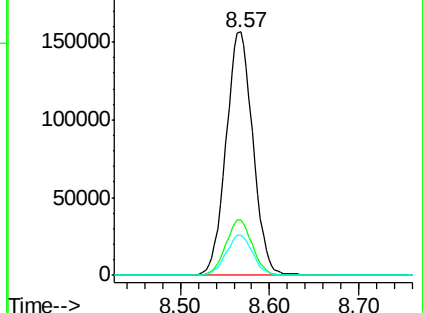
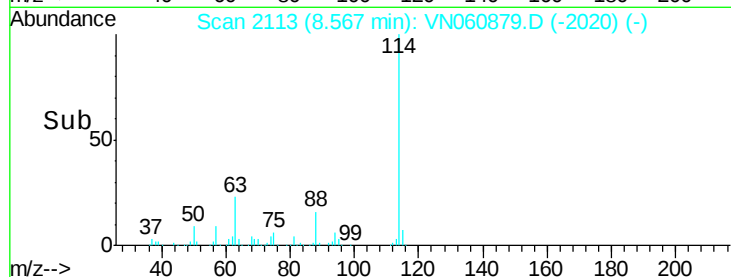
88 16.4 0.0 33.0



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: 49.432 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060879.D

Acq: 7 Apr 2020 16:04

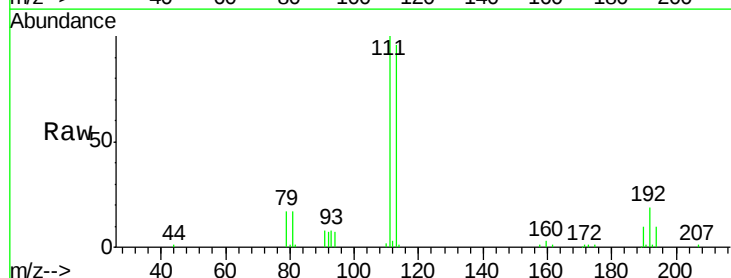
Tgt Ion:113 Resp: 97608

Ion Ratio Lower Upper

113 100

111 104.5 82.9 124.3

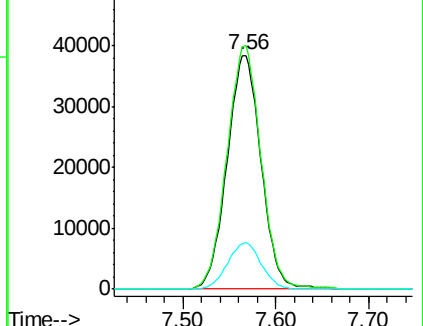
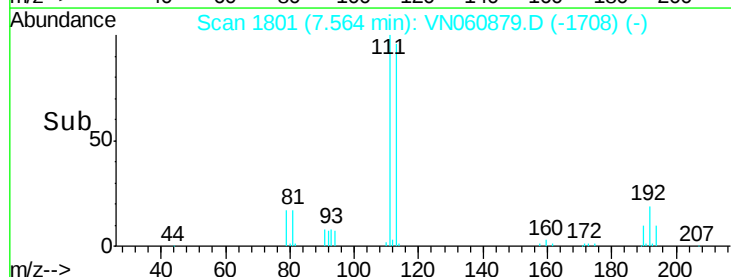
192 19.6 15.8 23.8

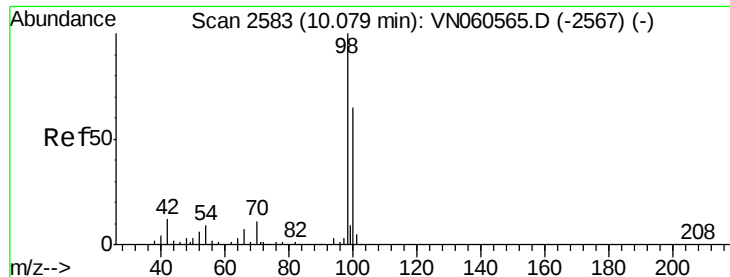


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.790 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060879.D

Acq: 7 Apr 2020 16:04

Instrument :

MSVOA_N

ClientSampleId :

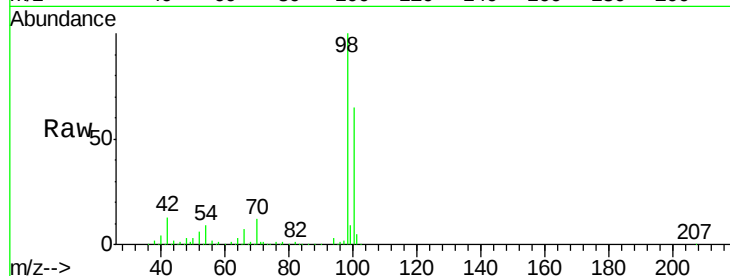
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 401577

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060879.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060879.D (-2567) (-)

10.08

250000

200000

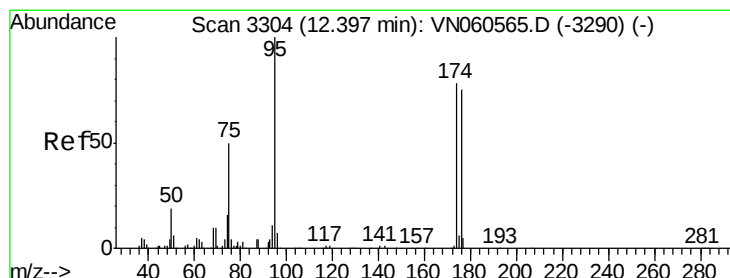
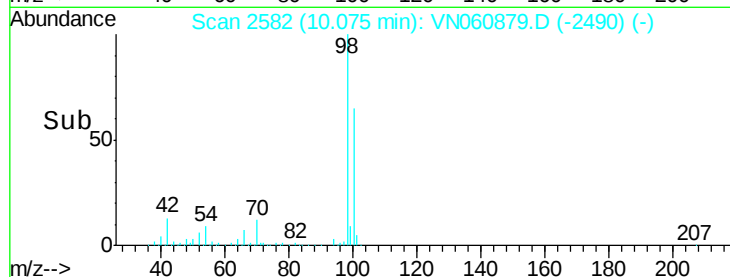
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.190 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060879.D

Acq: 7 Apr 2020 16:04

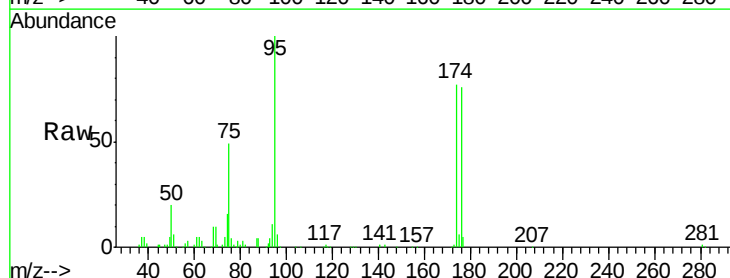
Tgt Ion: 95 Resp: 148354

Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.6

176 75.8 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060879.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060879.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060879.D (-3290) (-)

12.40

120000

100000

80000

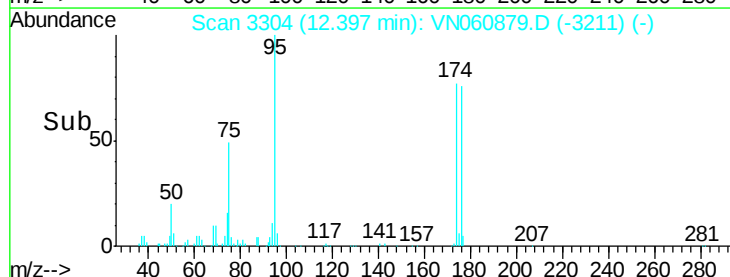
60000

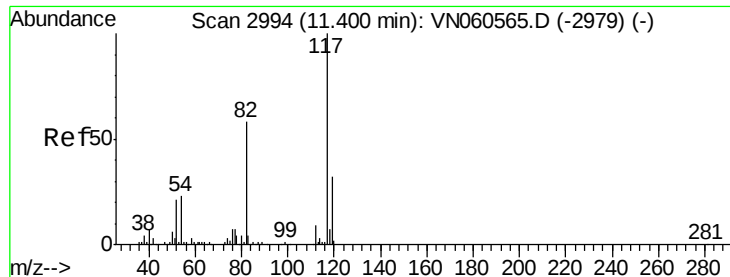
40000

20000

0

Time-->

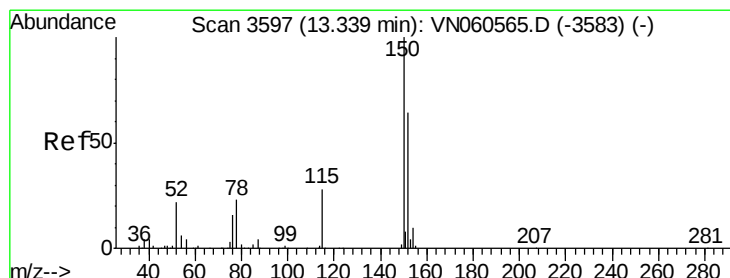
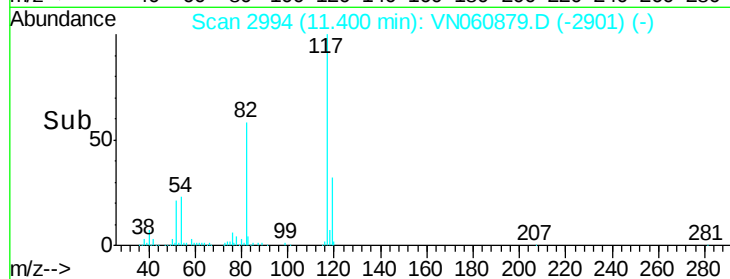
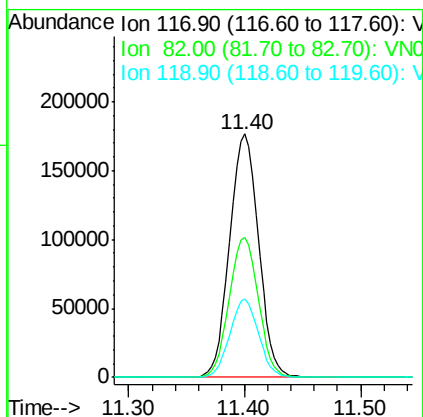
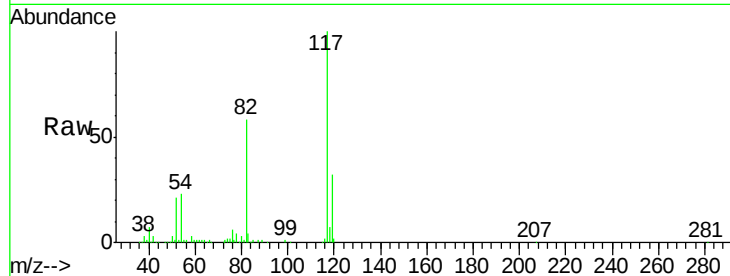




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060879.D
Acq: 7 Apr 2020 16:04

Instrument :
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Tot Ion:117 Resp: 304411
Ion Ratio Lower Upper
117 100
82 57.6 46.7 70.1
119 32.1 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: VN060879.D
Acq: 7 Apr 2020 16:04

Tgt Ion:152 Resp: 133233
Ion Ratio Lower Upper
152 100
115 60.8 30.2 90.6
150 157.4 0.0 350.2

