

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061052.D
 Acq On : 17 Apr 2020 15:46
 Operator : JC/MD
 Sample : L2337-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-TB-20200414

Quant Time: Apr 20 03:49:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	143934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	243879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	228394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98130	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97951	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	7.56	113	73013	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.08	98	301891	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.40	95	112524	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	

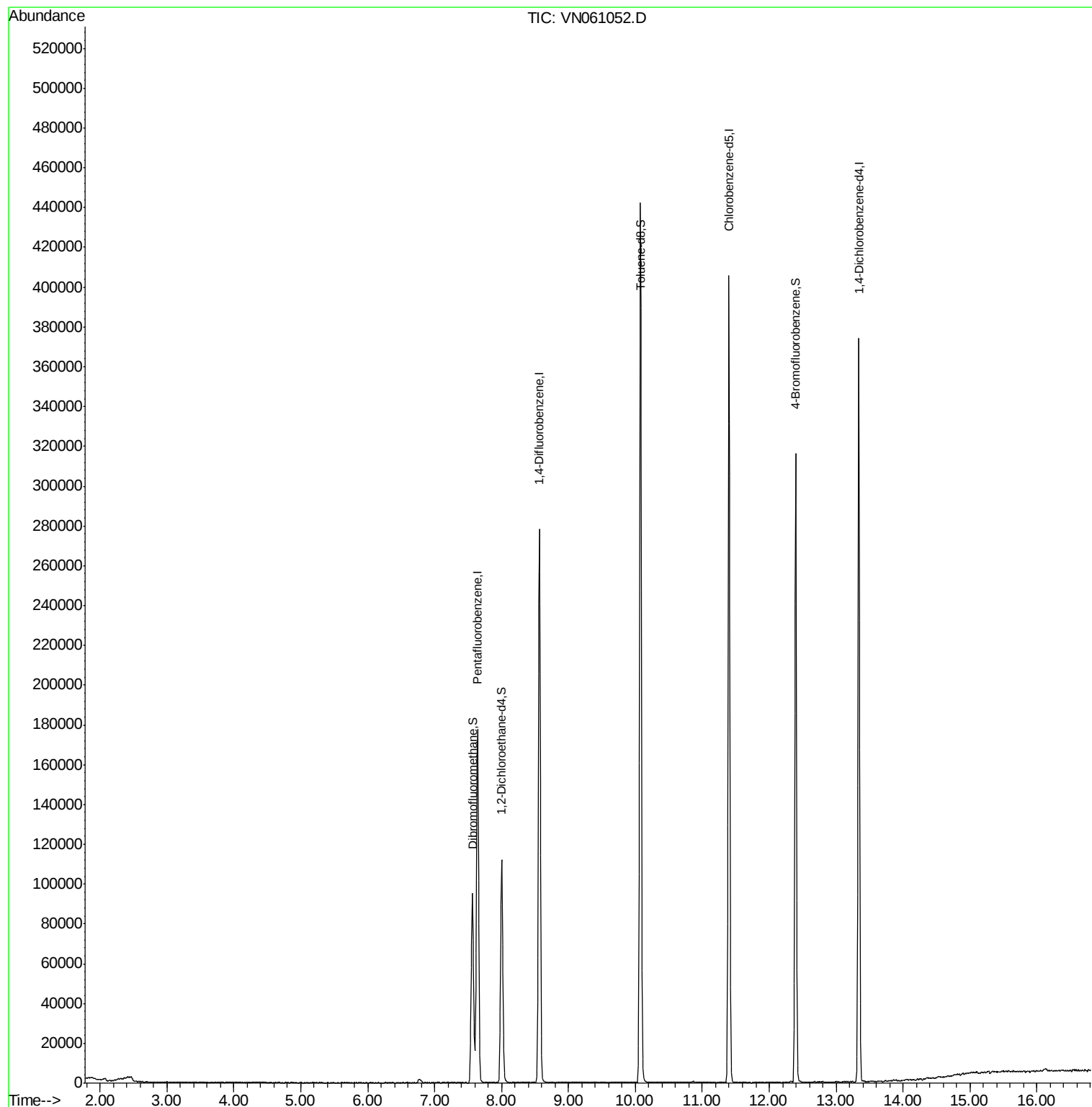
Target Compounds	Qvalue

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

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Acq: 17 Apr 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

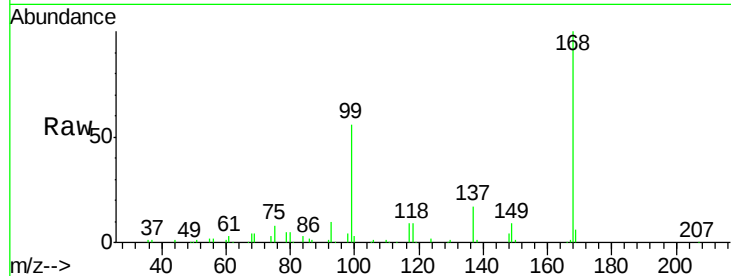
BP-VPB180-TB-20200414

Tot Ion:168 Resp: 143934

Ion Ratio Lower Upper

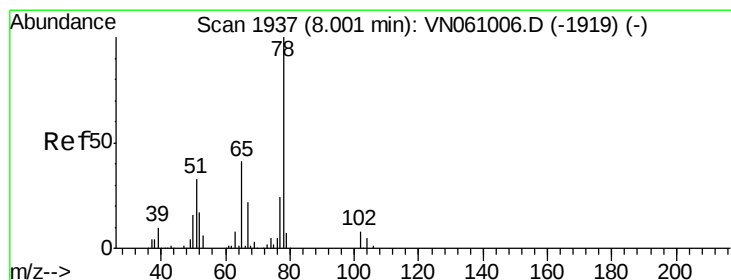
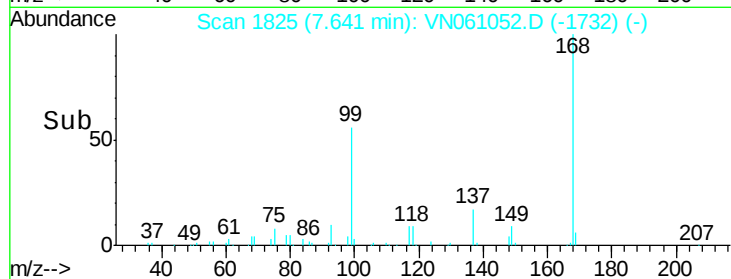
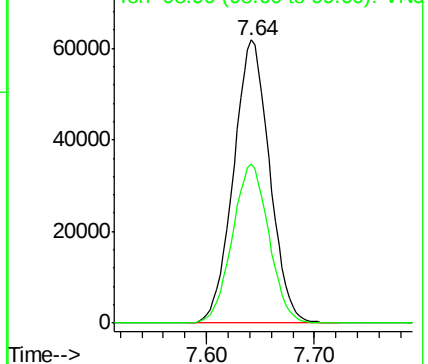
168 100

99 56.2 47.4 71.2



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: 53.190 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061052.D

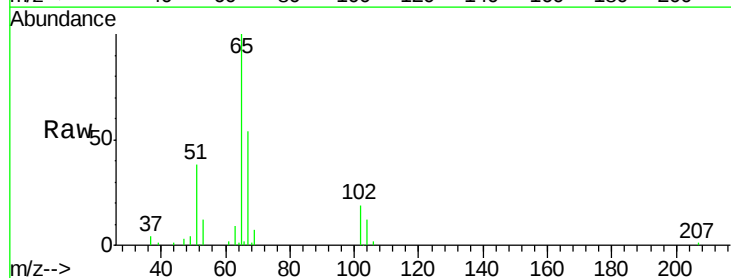
Acq: 17 Apr 2020 15:46

Tgt Ion: 65 Resp: 97951

Ion Ratio Lower Upper

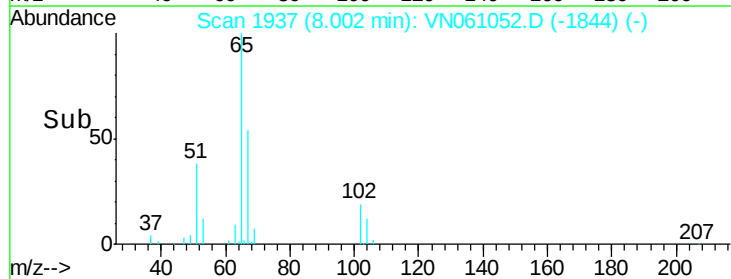
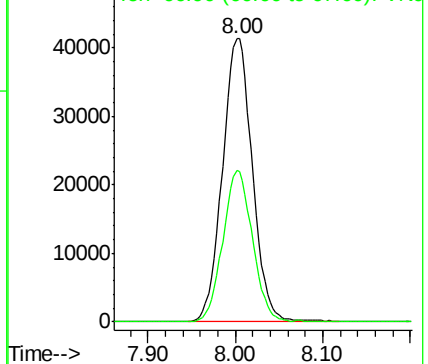
65 100

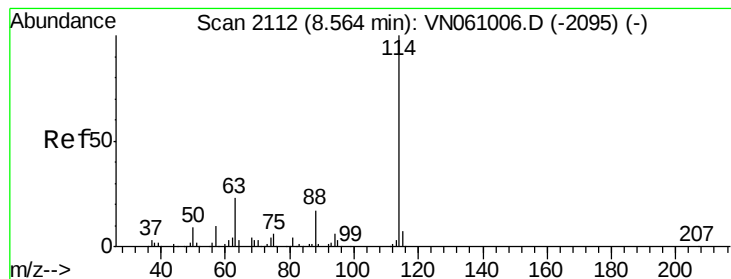
67 52.8 0.0 107.0



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: VN061052.D

Acq: 17 Apr 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-TB-20200414

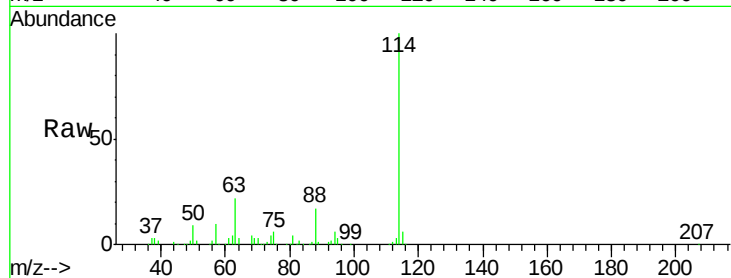
Tot Ion:114 Resp: 243879

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

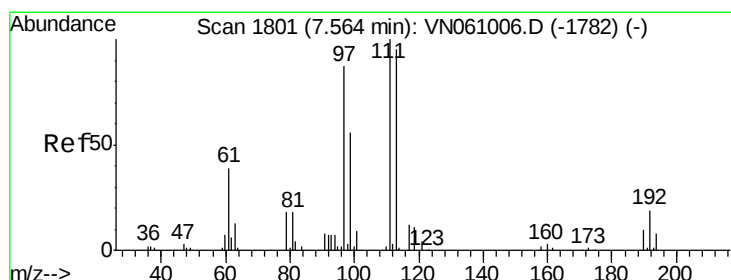
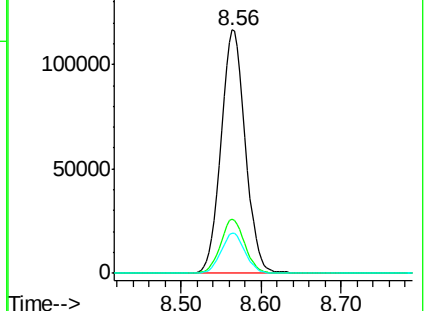
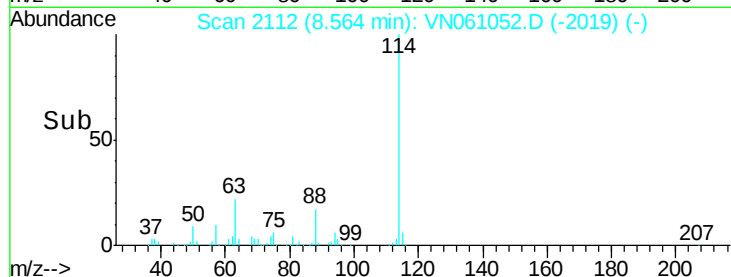
88 16.6 0.0 33.4



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: 51.265 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061052.D

Acq: 17 Apr 2020 15:46

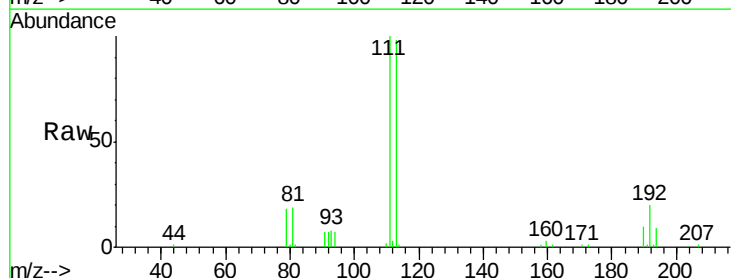
Tgt Ion:113 Resp: 73013

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

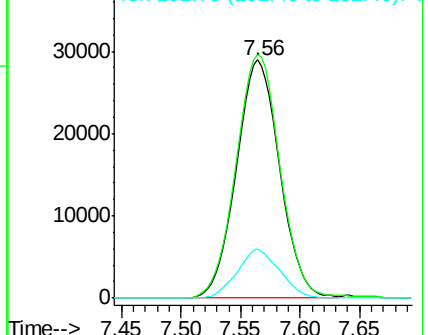
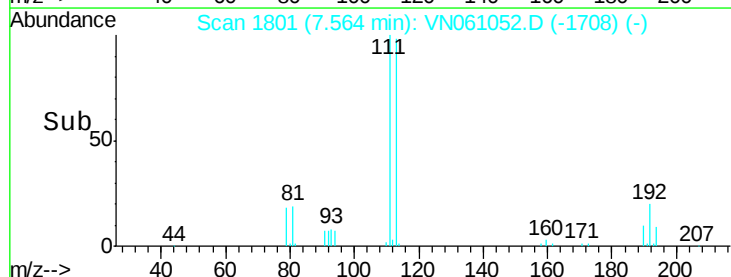
192 20.0 15.5 23.3

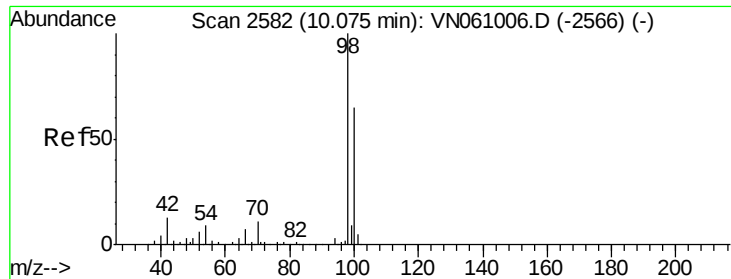


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.094 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061052.D

Acq: 17 Apr 2020 15:46

Instrument :

MSVOA_N

ClientSampleId :

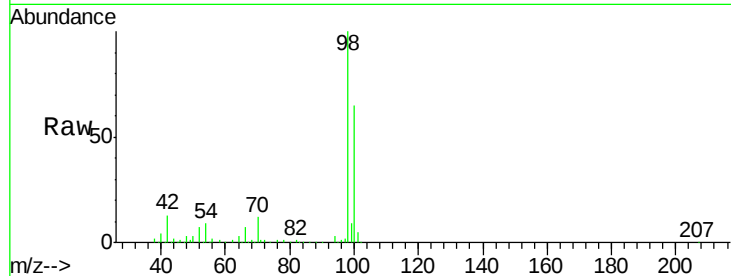
BP-VPB180-TB-20200414

Tot Ion: 98 Resp: 301891

Ion Ratio Lower Upper

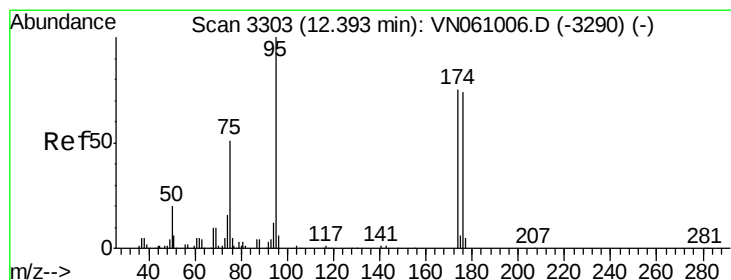
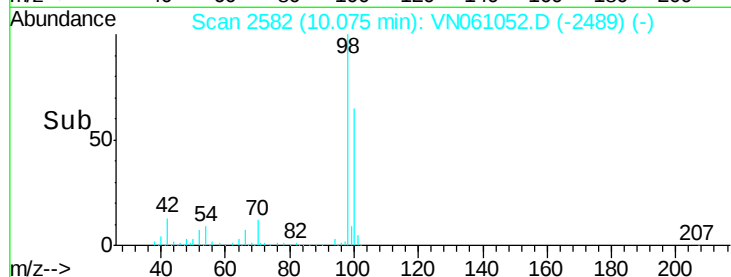
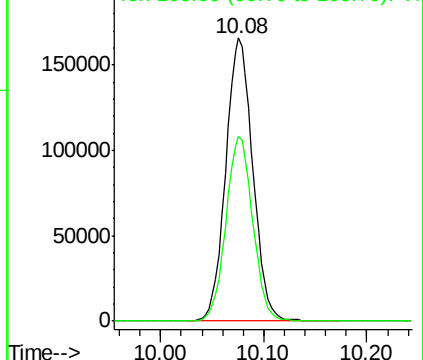
98 100

100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN061006.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN061006.D (-2566) (-)



#62

4-Bromofluorobenzene

Concen: 53.346 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061052.D

Acq: 17 Apr 2020 15:46

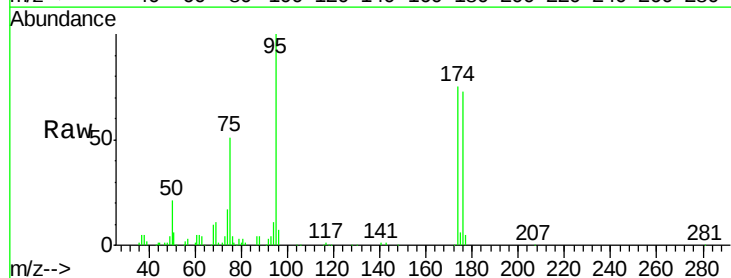
Tgt Ion: 95 Resp: 112524

Ion Ratio Lower Upper

95 100

174 74.7 0.0 151.2

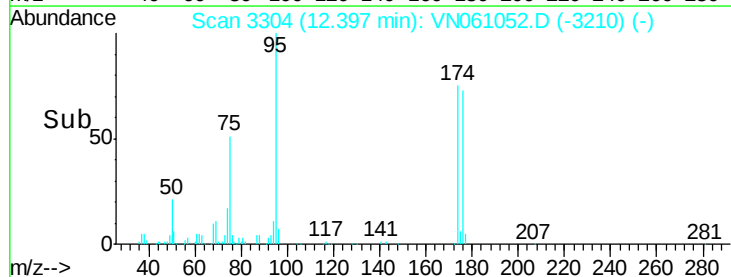
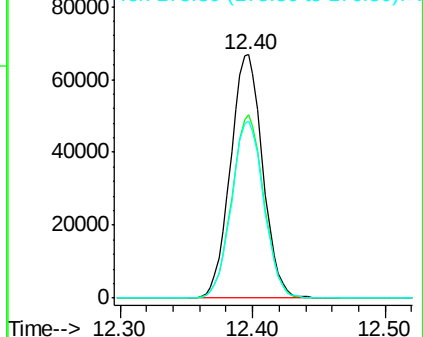
176 72.8 0.0 148.2

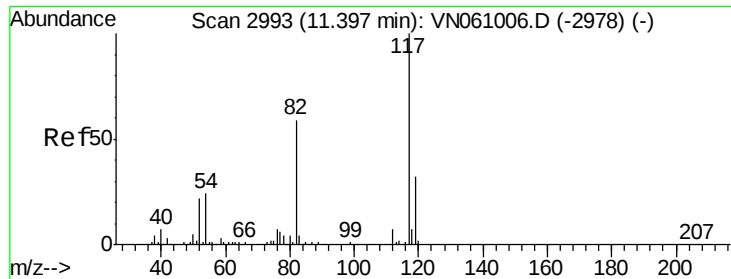


Abundance Ion 94.90 (94.60 to 95.60): VN061006.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN061006.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN061006.D (-3290) (-)

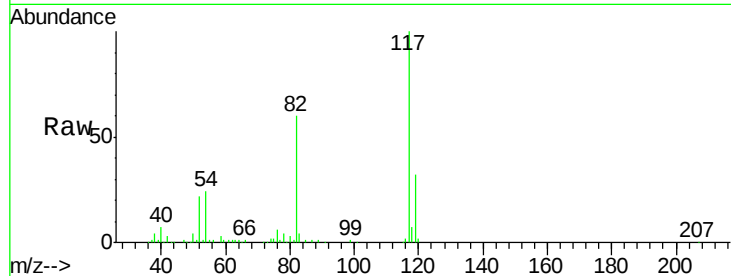




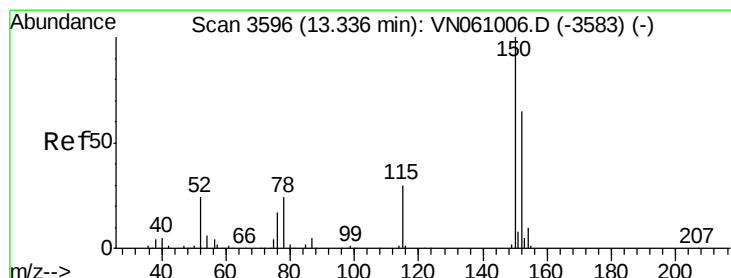
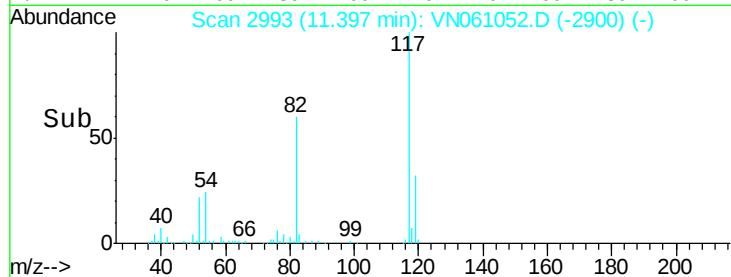
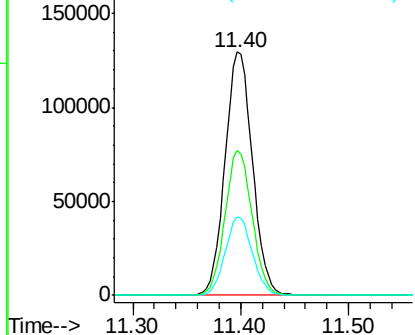
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061052.D
Acq: 17 Apr 2020 15:46

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-TB-20200414

Tot Ion:117 Resp: 228394
Ion Ratio Lower Upper
117 100
82 59.5 47.1 70.7
119 32.4 25.7 38.5

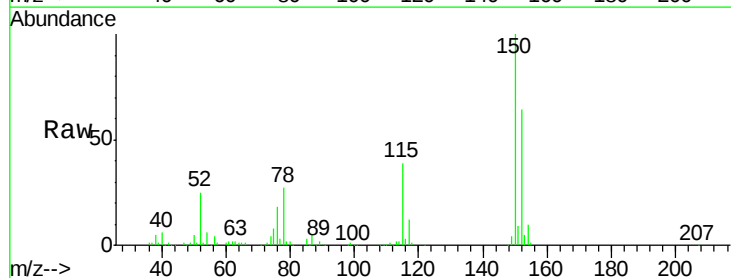


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061052.D
Acq: 17 Apr 2020 15:46

Tgt Ion:152 Resp: 98130
Ion Ratio Lower Upper
152 100
115 61.1 30.8 92.4
150 158.7 0.0 349.0



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

