

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054509.D
 Acq On : 21 Mar 2019 14:20
 Operator : JC/SP
 Sample : K1964-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 22 10:24:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	708270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1084306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300670	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	431707	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	7.59	113	341445	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.09	98	1280093	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	375004	41.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.92%	

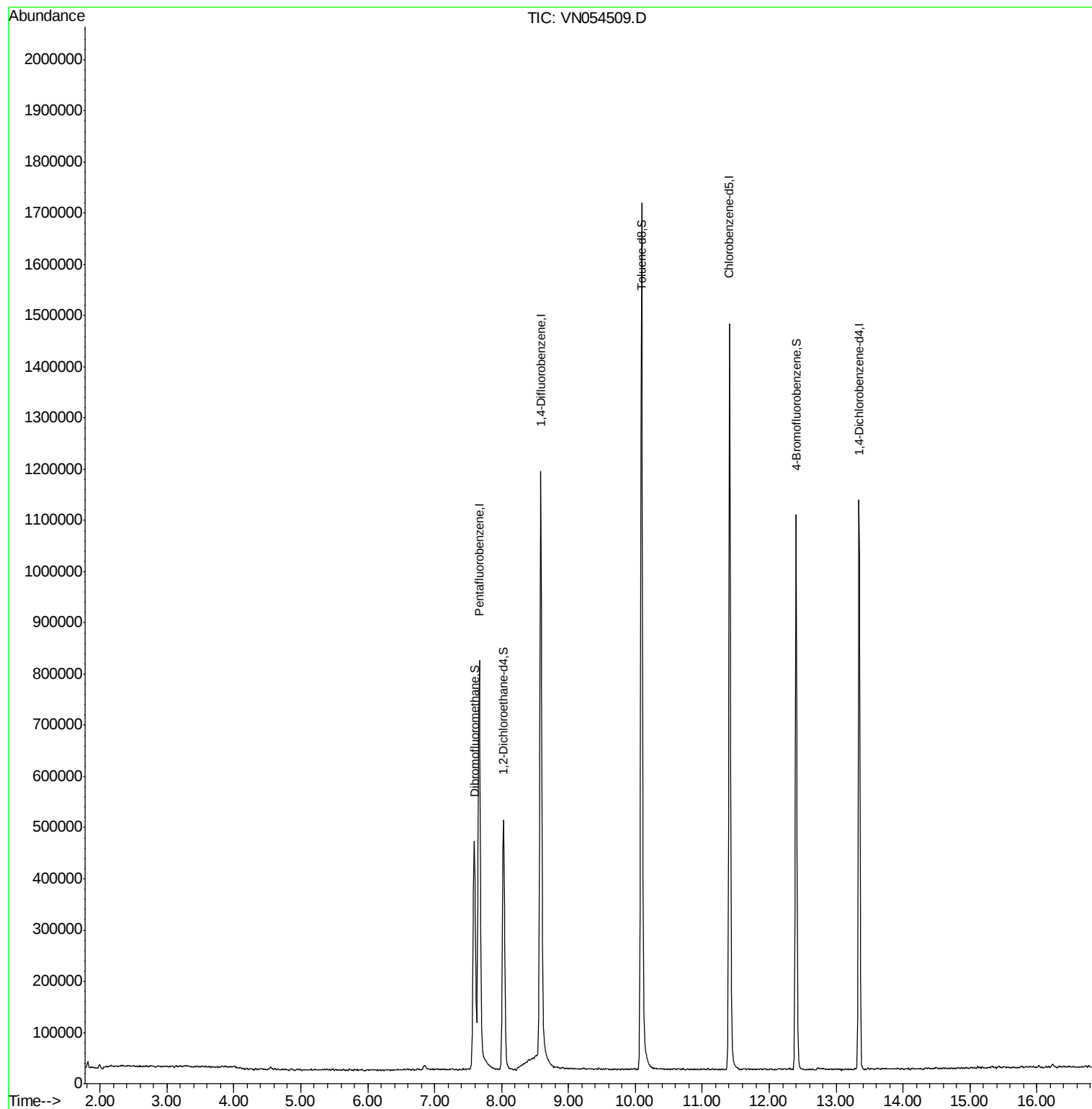
Target Compounds	Qvalue

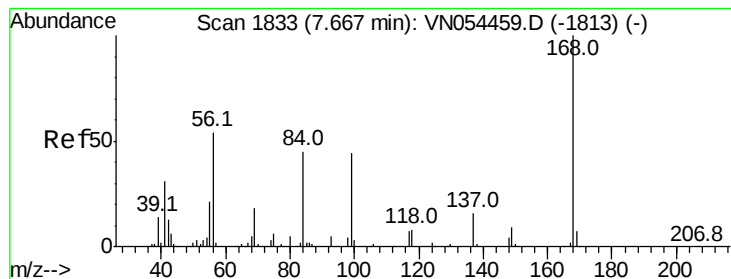
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054509.D

Acq: 21 Mar 2019 14:20

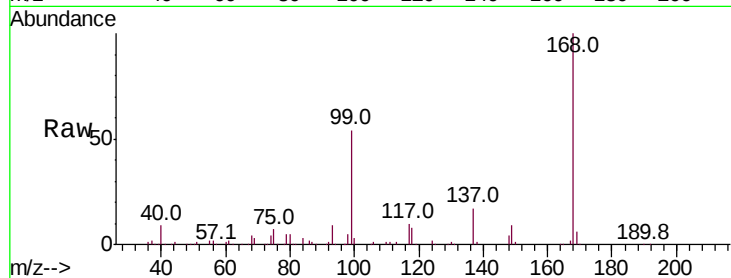
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:168 Resp: 708270

Ion Ratio Lower Upper

168 100

99 54.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

250000

200000

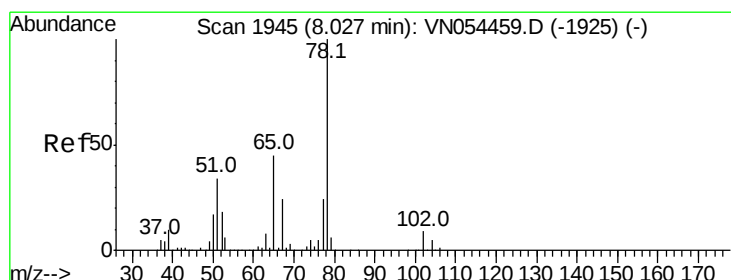
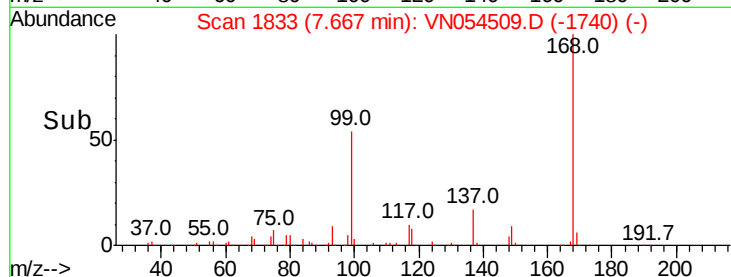
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.003 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054509.D

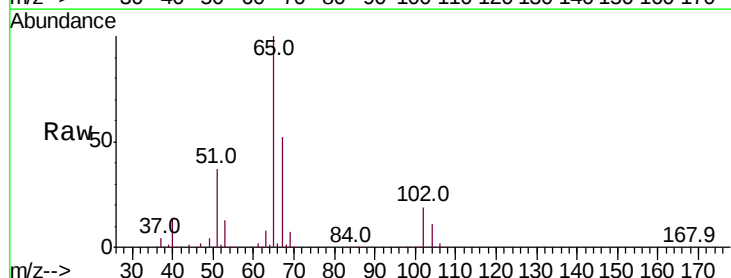
Acq: 21 Mar 2019 14:20

Tgt Ion: 65 Resp: 431707

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

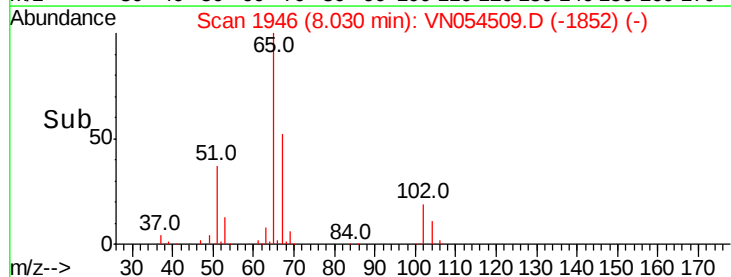
150000

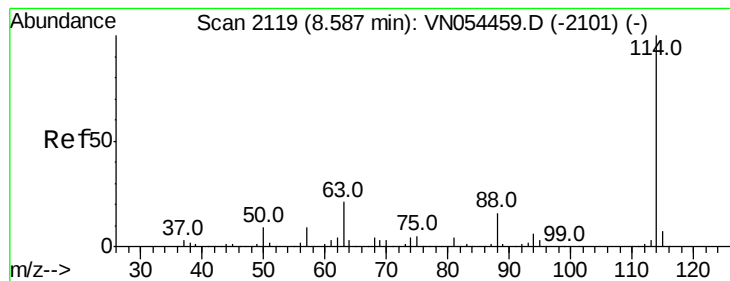
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054509.D

Acq: 21 Mar 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

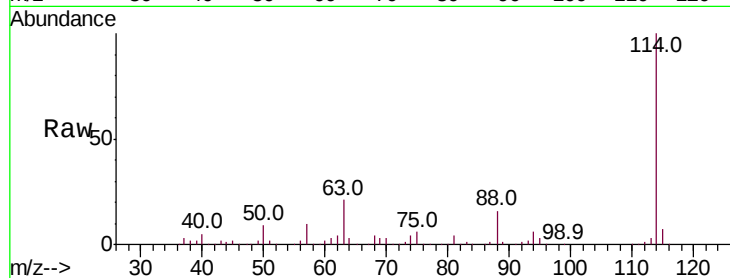
Tot Ion:114 Resp: 1084306

Ion Ratio Lower Upper

114 100

63 21.5 0.0 35.2

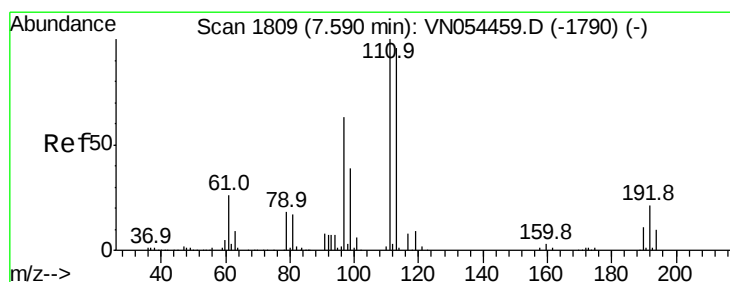
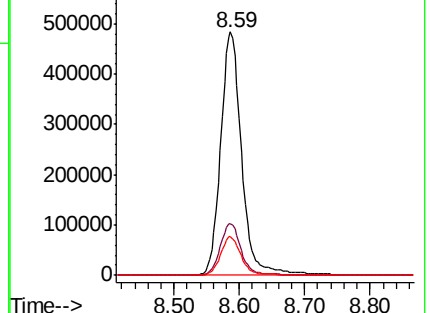
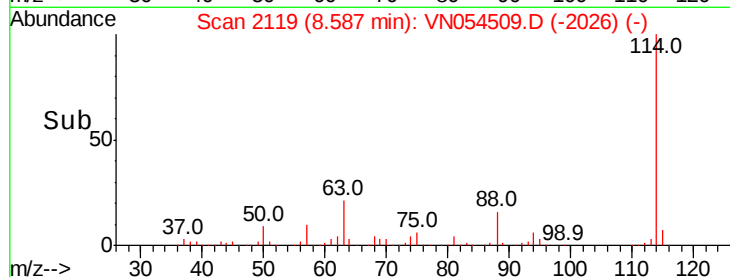
88 15.8 0.0 30.2



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: 48.878 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054509.D

Acq: 21 Mar 2019 14:20

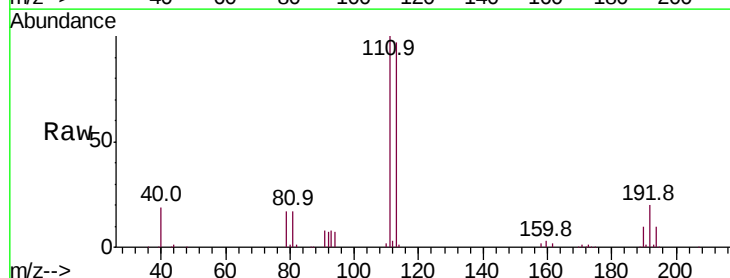
Tgt Ion:113 Resp: 341445

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

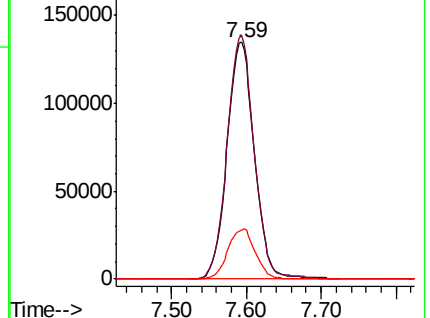
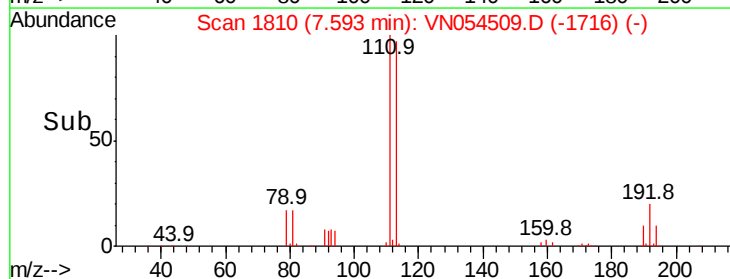
192 21.4 19.2 28.8

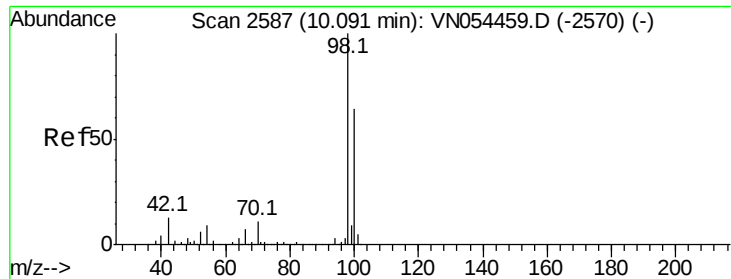


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.744 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054509.D

Acq: 21 Mar 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

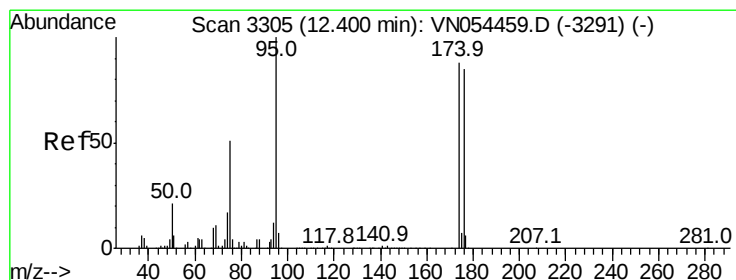
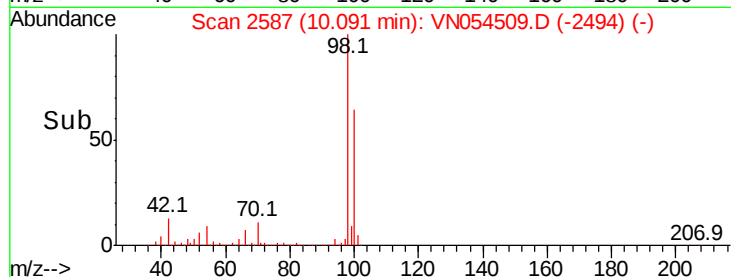
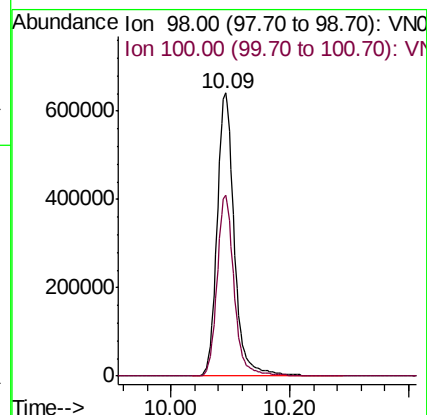
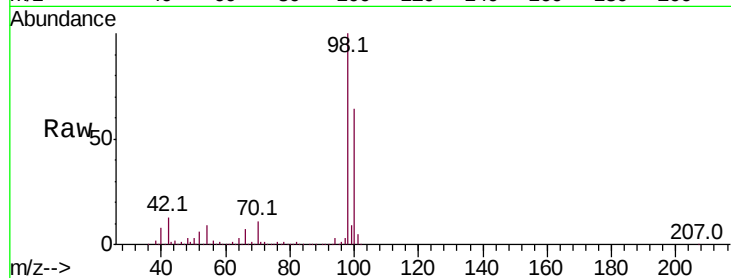
TRIP-BLANK

Tot Ion: 98 Resp: 1280093

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.964 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054509.D

Acq: 21 Mar 2019 14:20

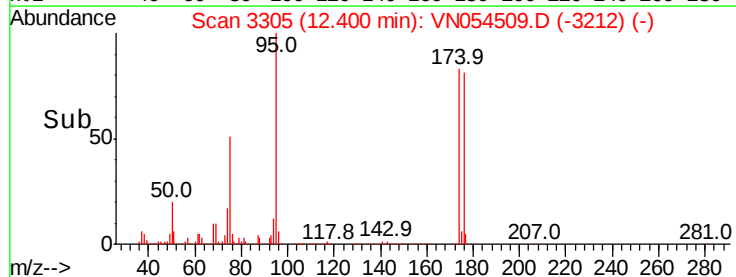
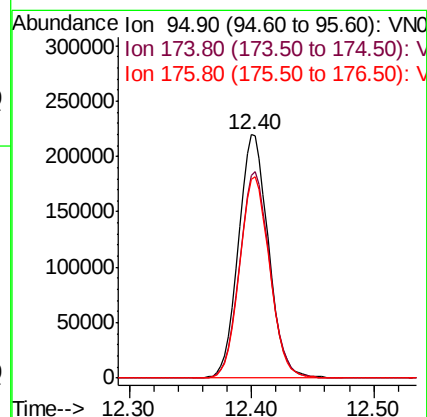
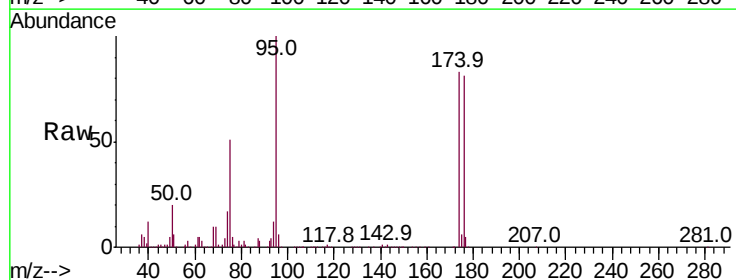
Tgt Ion: 95 Resp: 375004

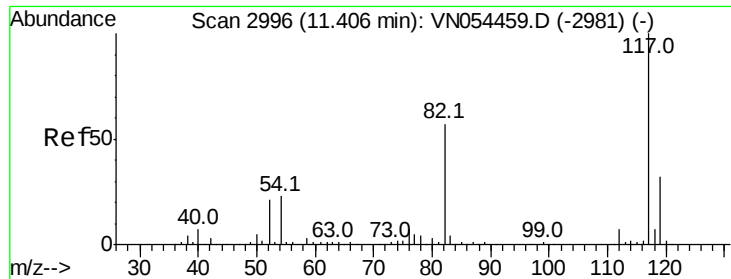
Ion Ratio Lower Upper

95 100

174 85.0 0.0 191.0

176 82.4 0.0 187.4

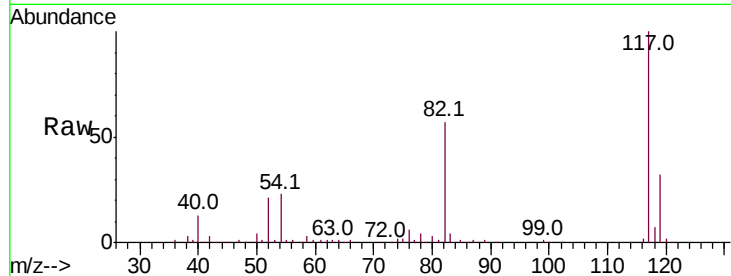




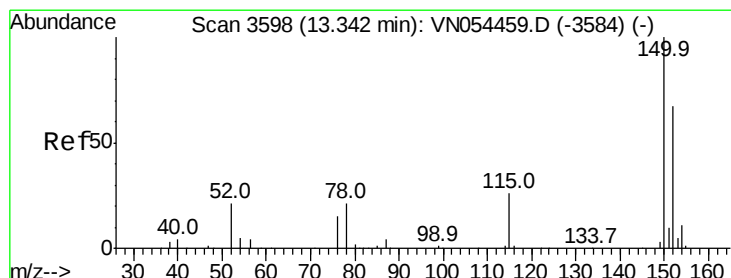
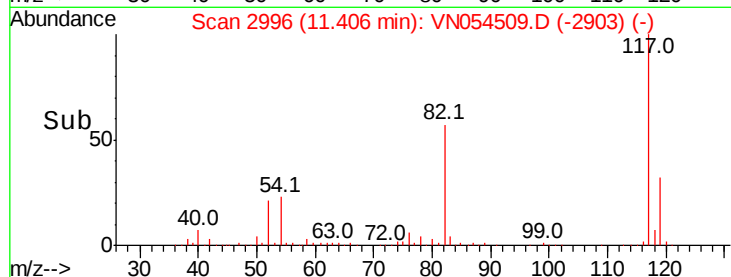
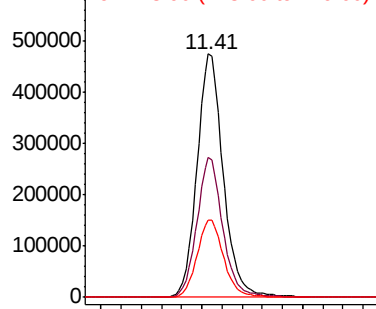
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN054509.D
 Acq: 21 Mar 2019 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tot Ion:117 Resp: 863823
 Ion Ratio Lower Upper
 117 100
 82 57.4 40.0 60.0
 119 32.0 25.8 38.6

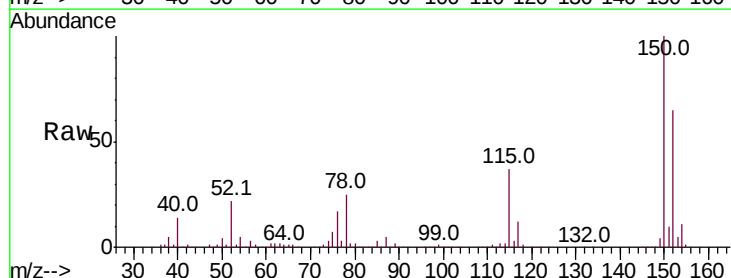


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN054509.D
 Acq: 21 Mar 2019 14:20

Tgt Ion:152 Resp: 300670
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.2 81.6
 150 157.6 0.0 349.2



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

