

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054308.D
 Acq On : 15 Mar 2019 14:35
 Operator : JC/SP
 Sample : K1903-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 16 03:44:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1384948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2269701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2369320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	934773	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	712797	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	7.59	113	691868	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	10.09	98	2784189	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	1048666	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	

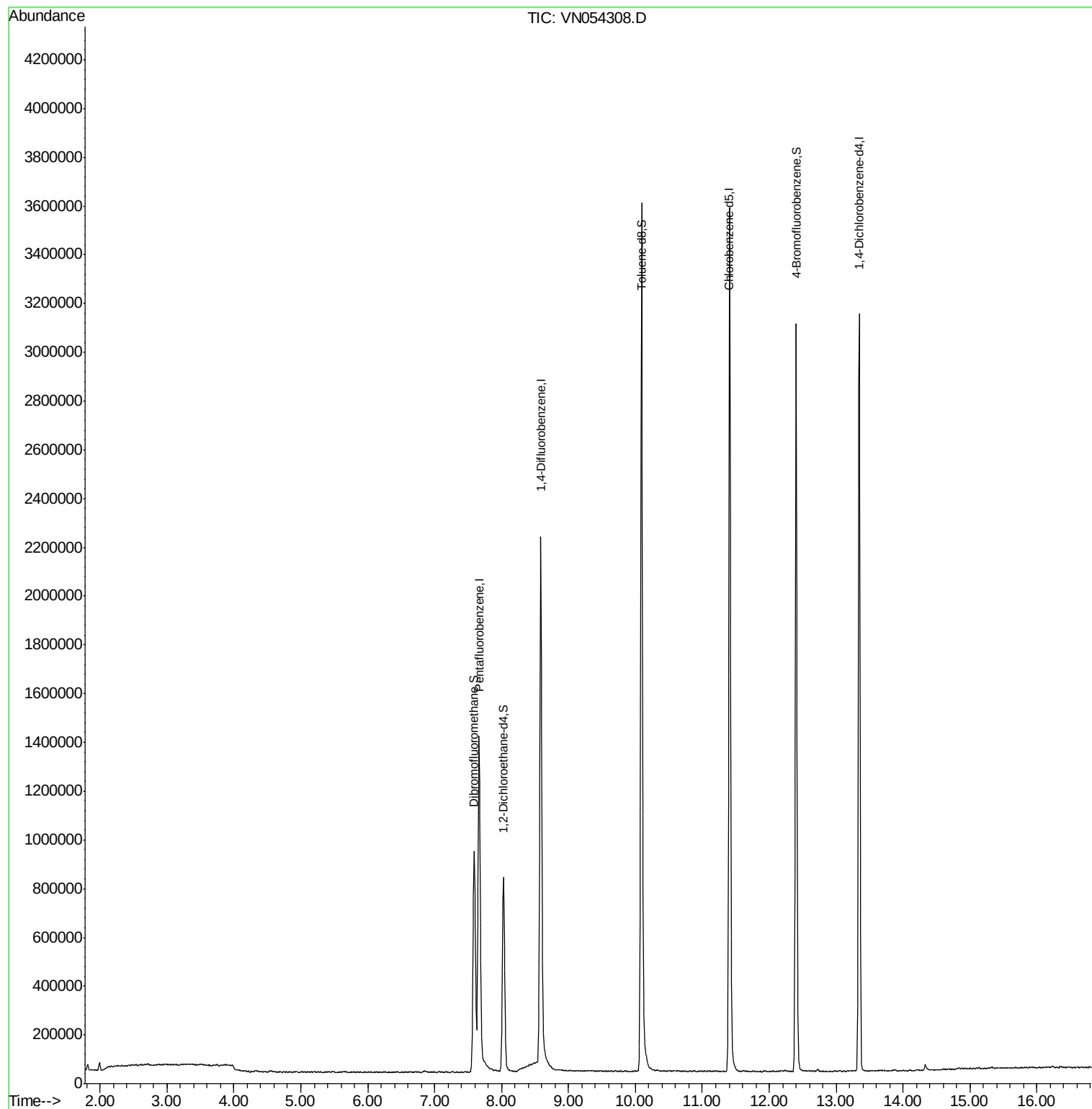
Target Compounds	Qvalue

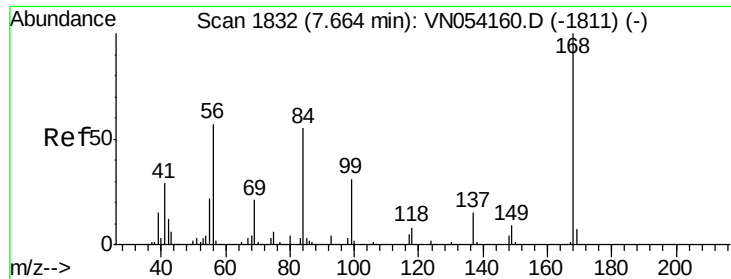
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054308.D

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MSVOA_N

ClientSampleId :

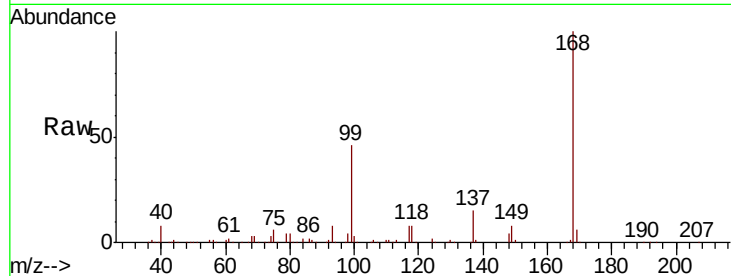
TRIP-BLANK

Tgt Ion:168 Resp: 1384948

Ion Ratio Lower Upper

168 100

99 46.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

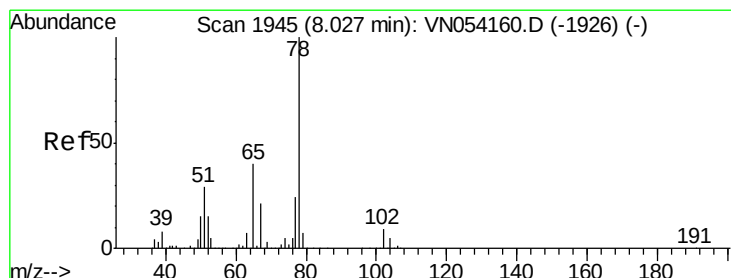
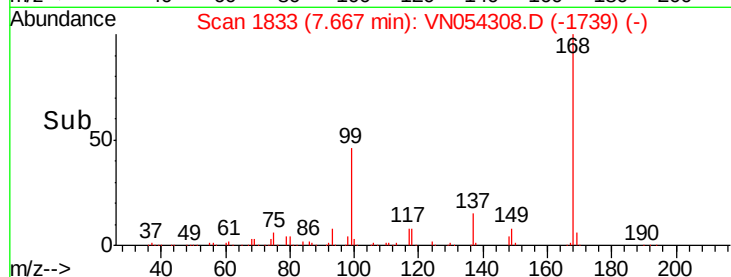
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.463 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054308.D

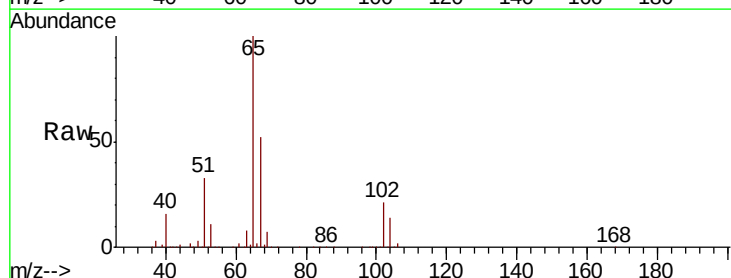
Acq: 15 Mar 2019 14:35

Tgt Ion: 65 Resp: 712797

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

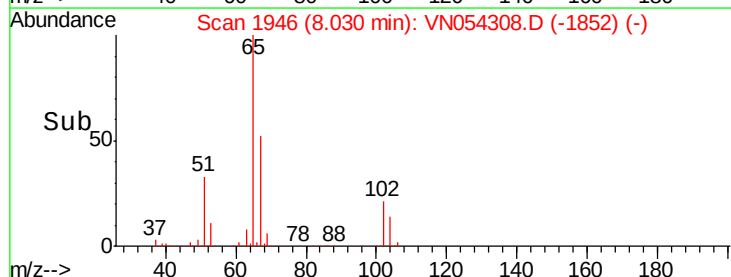
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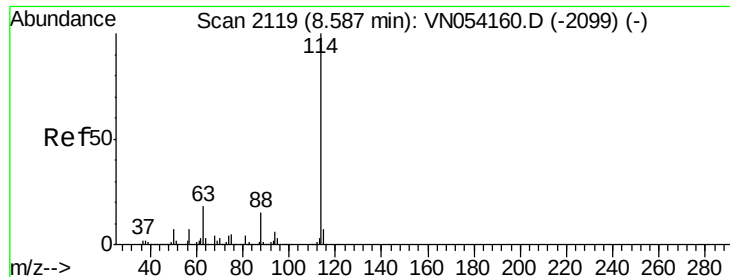
200000

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Time-->

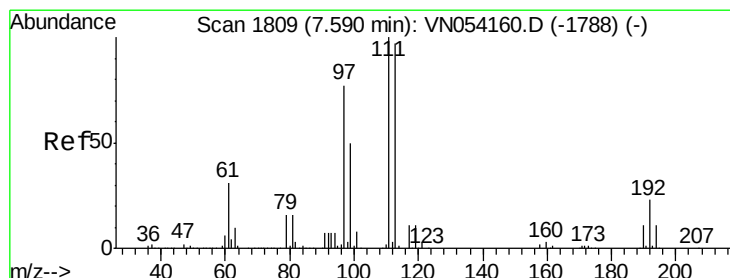
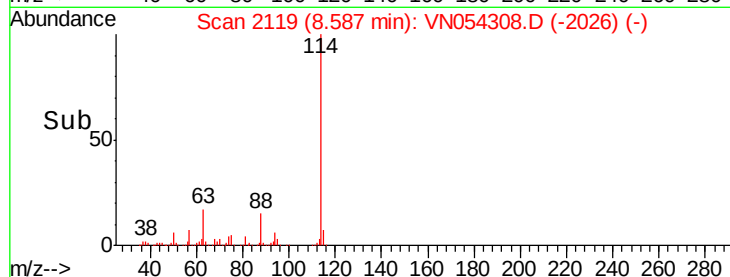
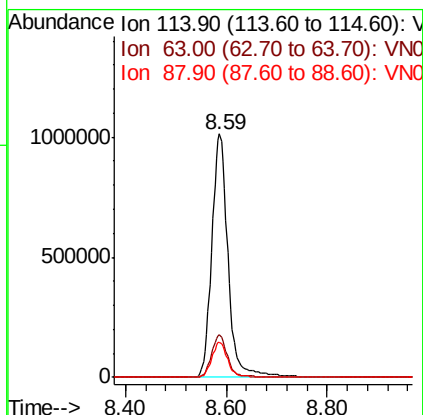
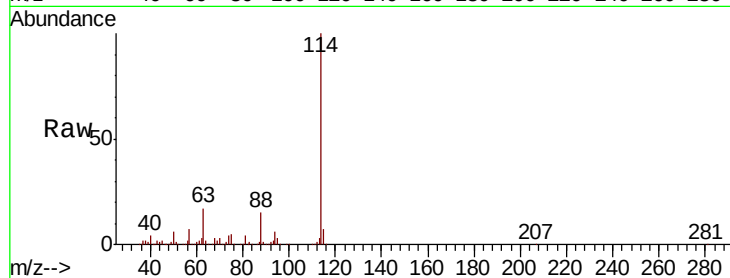




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054308.D
 Acq: 15 Mar 2019 14:35

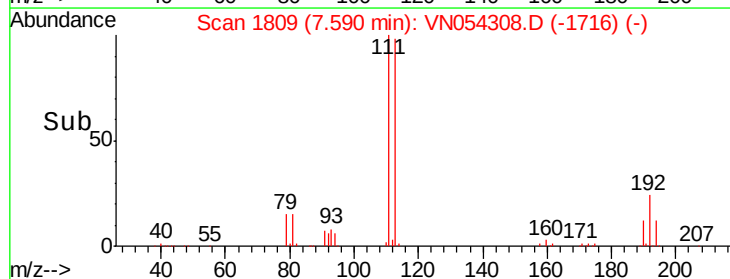
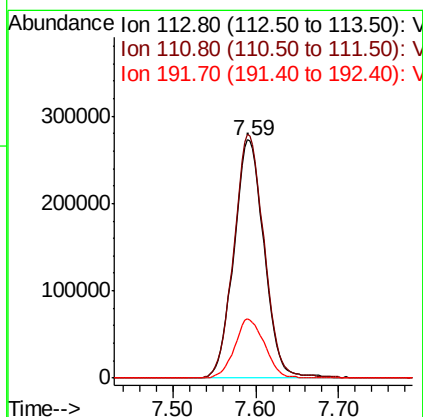
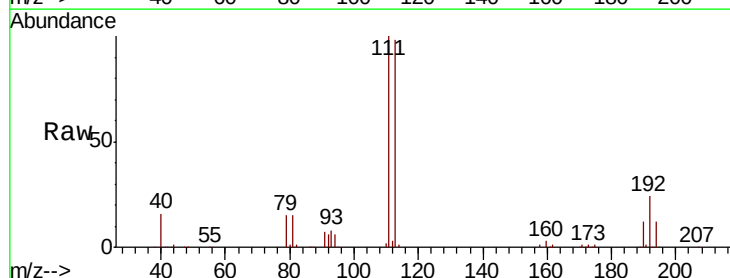
Instrument :
 MSVOA_N
 ClientSampleId :
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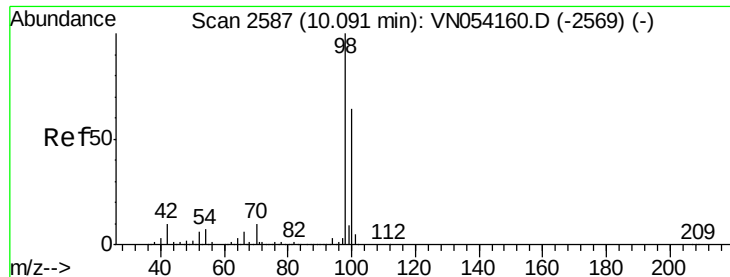
Tgt Ion:114 Resp: 2269701
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 14.6 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 47.263 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054308.D
 Acq: 15 Mar 2019 14:35

Tgt Ion:113 Resp: 691868
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 24.7 19.2 28.8





#50

Toluene-d8

Concen: 51.499 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054308.D

Acq: 15 Mar 2019 14:35

Instrument :

MSVOA_N

ClientSampleId :

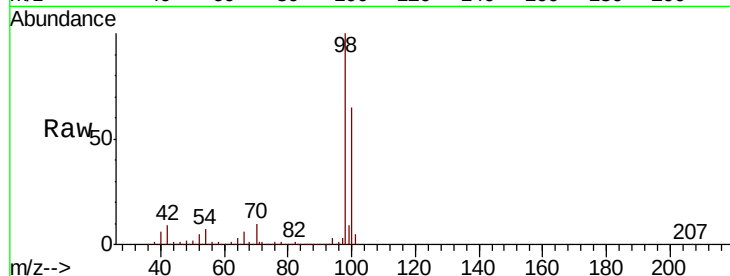
TRIP-BLANK

Tgt Ion: 98 Resp: 2784189

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054160.D (-2569) (-)

10.09

1500000

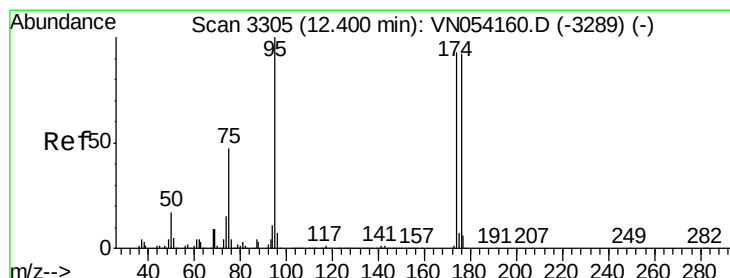
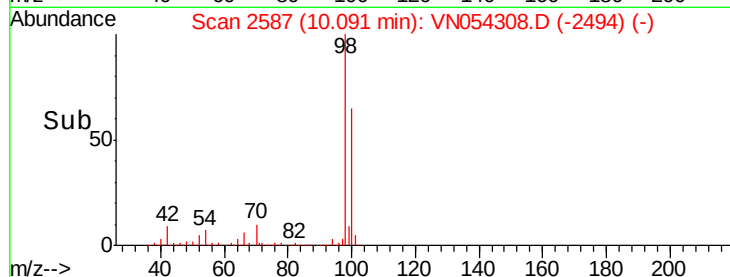
1000000

500000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 55.436 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054308.D

Acq: 15 Mar 2019 14:35

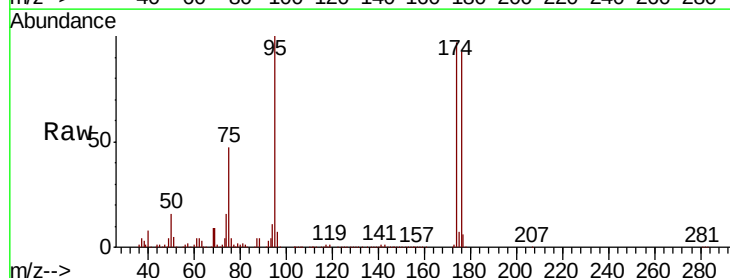
Tgt Ion: 95 Resp: 1048666

Ion Ratio Lower Upper

95 100

174 98.8 0.0 191.0

176 95.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)

800000

600000

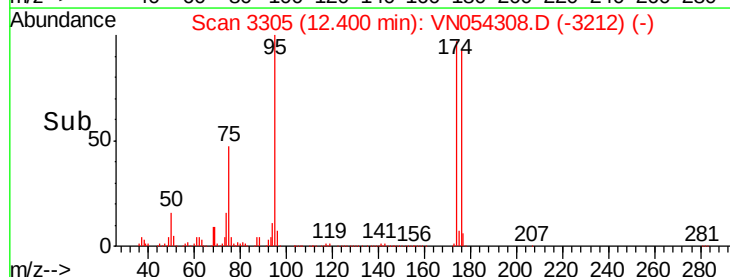
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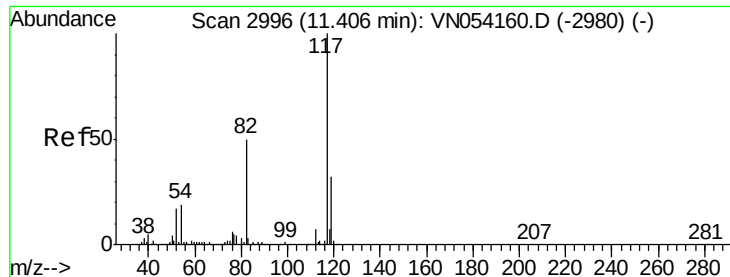
200000

0

Time-->

12.30 12.40 12.50

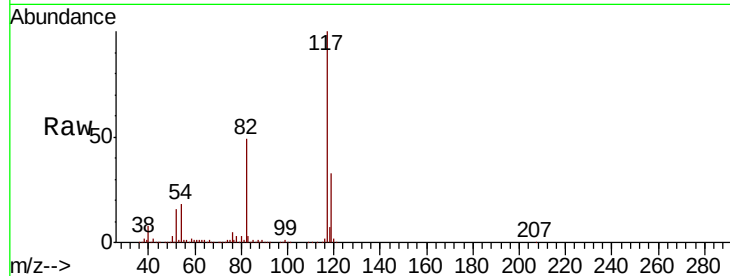




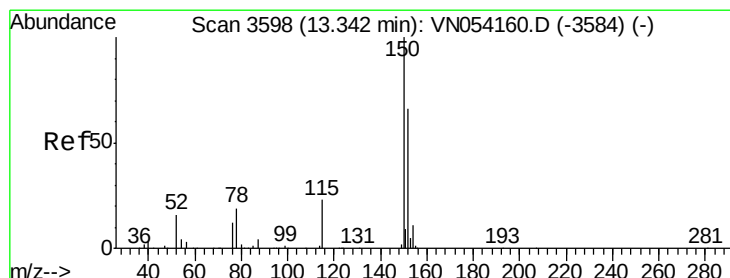
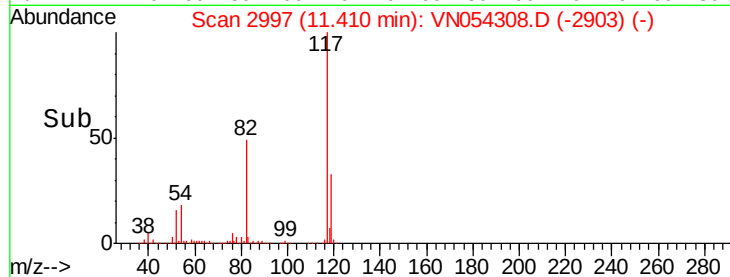
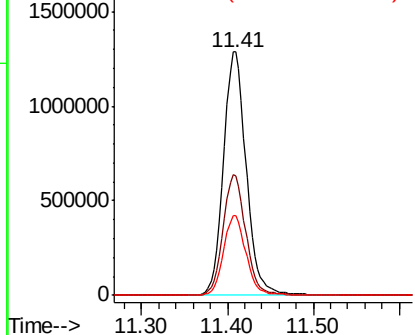
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054308.D
Acq: 15 Mar 2019 14:35

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 2369320
Ion Ratio Lower Upper
117 100
82 48.8 40.0 60.0
119 32.6 25.8 38.6

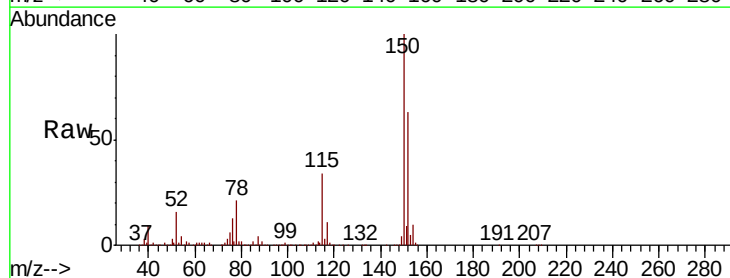


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054308.D
Acq: 15 Mar 2019 14:35

Tgt Ion:152 Resp: 934773
Ion Ratio Lower Upper
152 100
115 54.5 27.2 81.6
150 157.9 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

