

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054821.D
 Acq On : 31 Mar 2019 00:24
 Operator : JC/SP
 Sample : K2164-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 31 04:58:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	532448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	856531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	712255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246897	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	349638	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.59	113	270794	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
50) Toluene-d8	10.09	98	1015119	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.40	95	307397	43.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.08%	

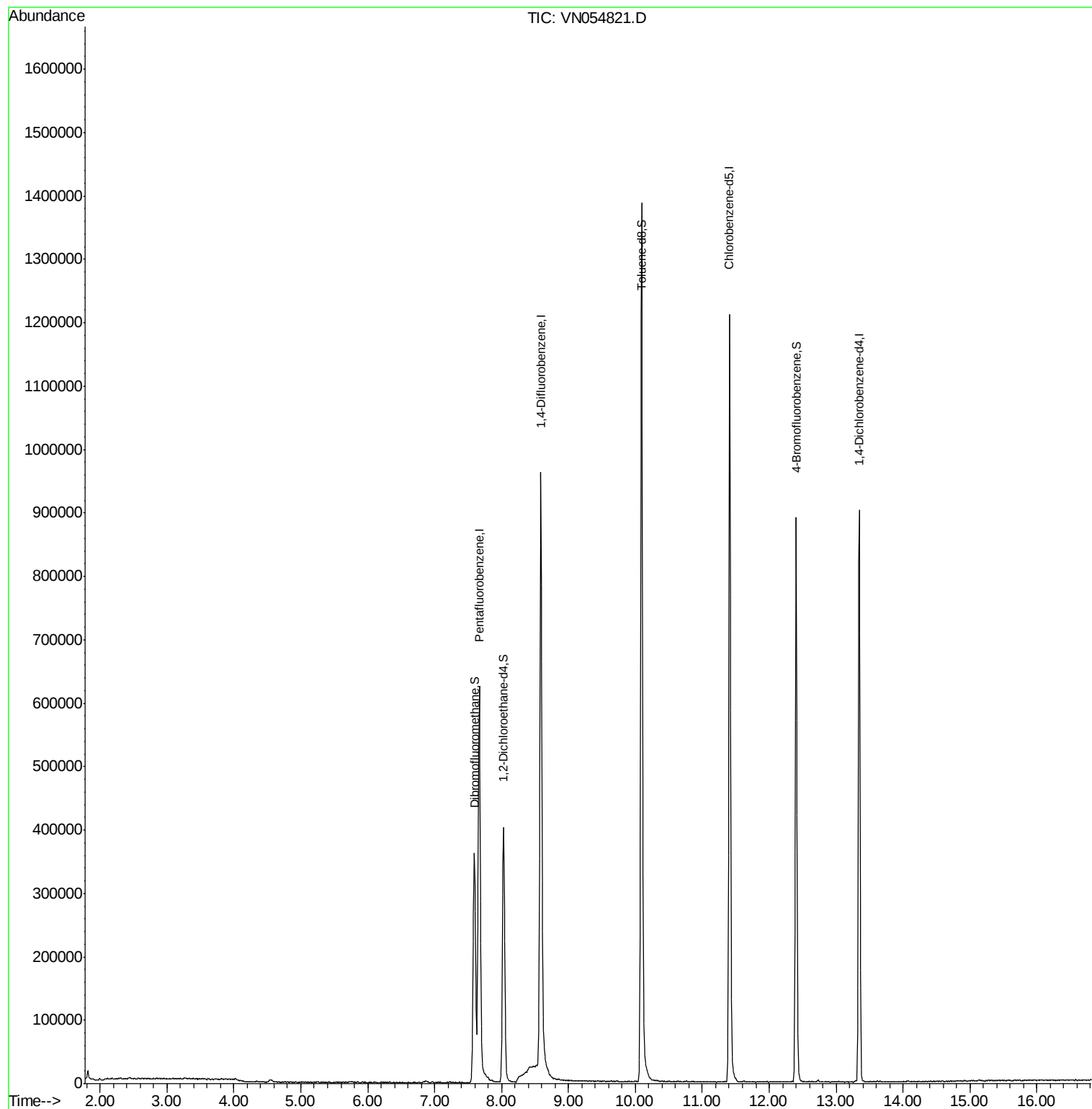
Target Compounds	Qvalue
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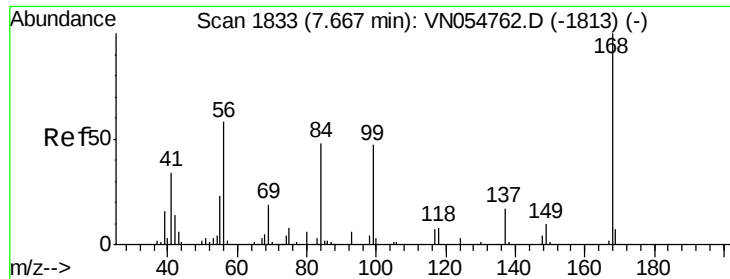
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054821.D

Acq: 31 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

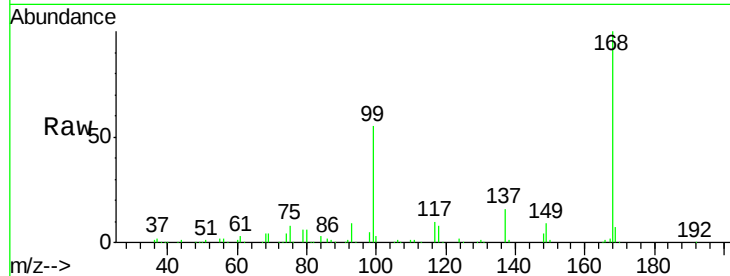
TRIP-BLANK

Tot Ion:168 Resp: 532448

Ion Ratio Lower Upper

168 100

99 55.0 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

250000

200000

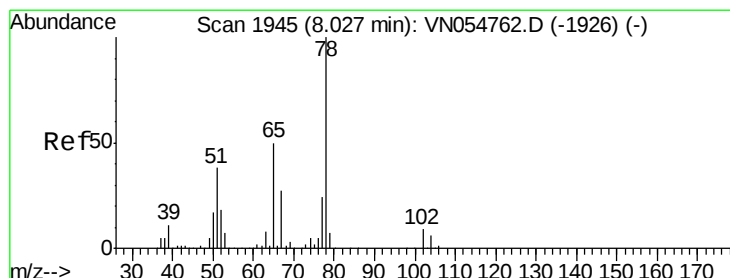
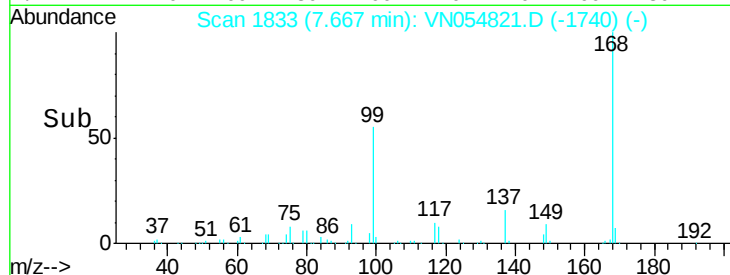
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.713 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054821.D

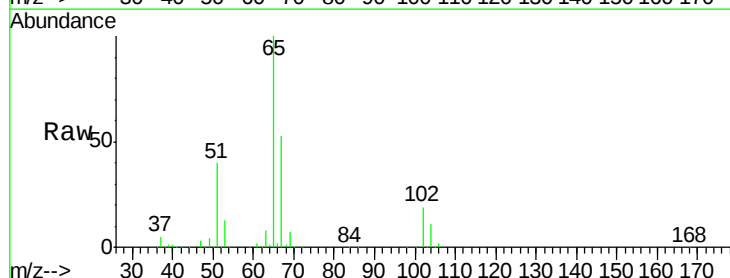
Acq: 31 Mar 2019 00:24

Tgt Ion: 65 Resp: 349638

Ion Ratio Lower Upper

65 100

67 52.2 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

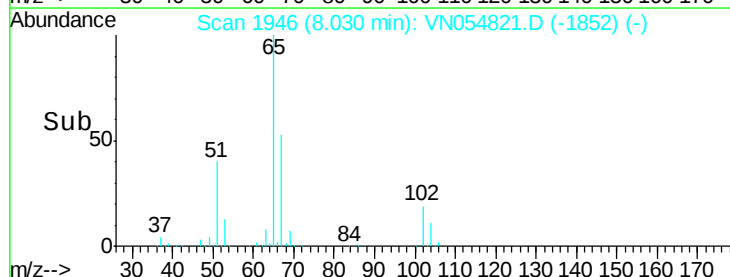
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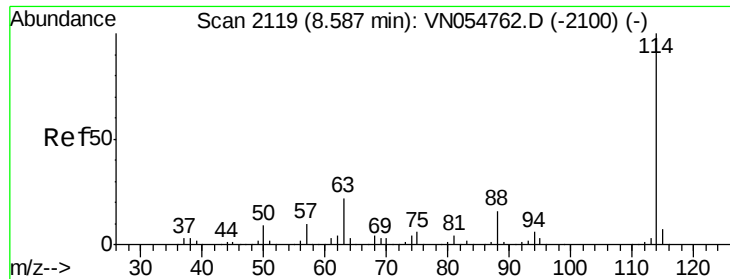
100000

50000

0

Time-->

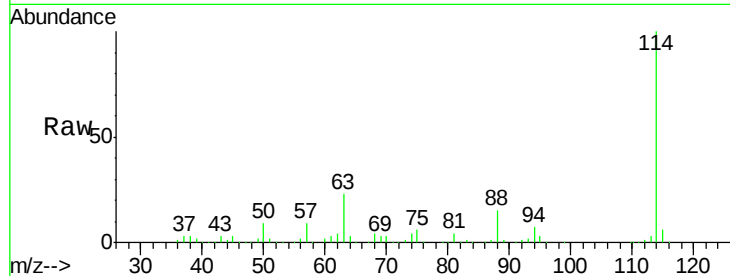




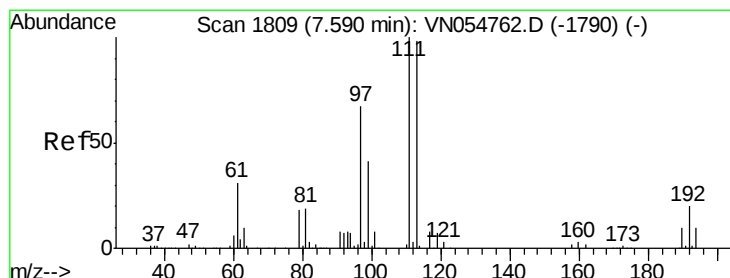
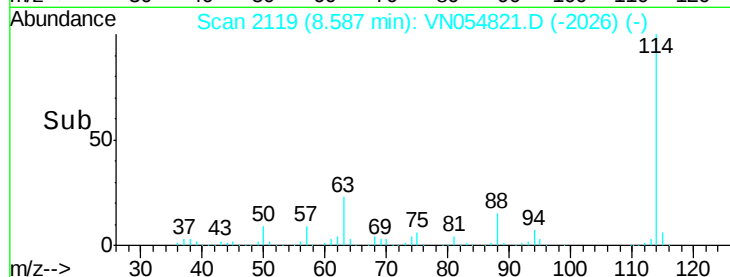
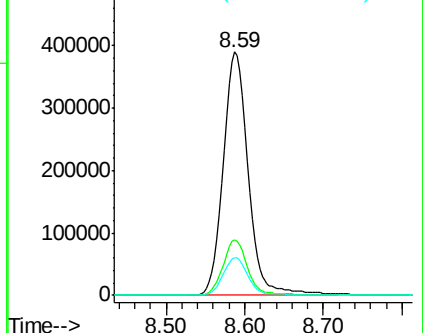
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054821.D
 Acq: 31 Mar 2019 00:24

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tot Ion:114 Resp: 856531
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 35.2
 88 15.4 0.0 30.2

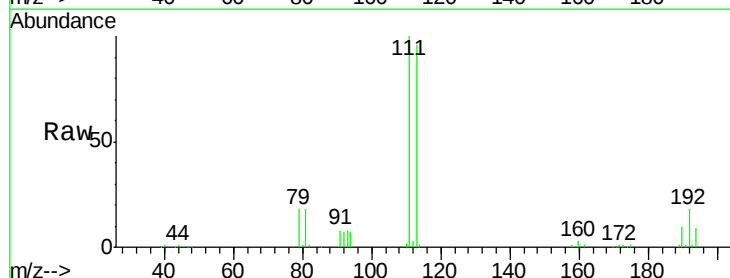


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

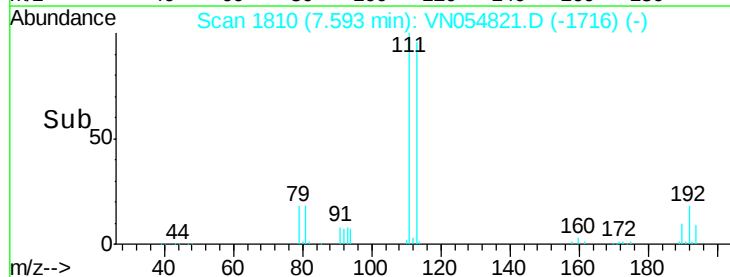
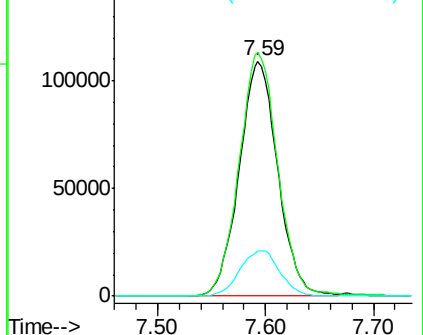


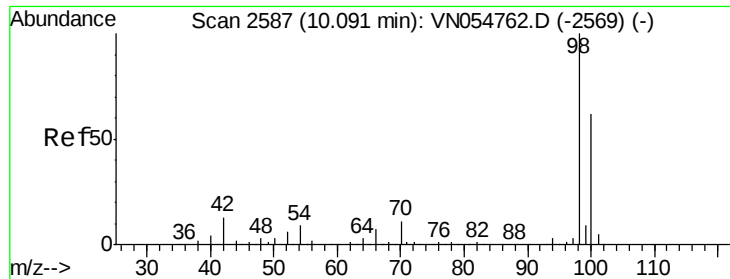
#35
 Dibromofluoromethane
 Concen: 47.421 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054821.D
 Acq: 31 Mar 2019 00:24

Tgt Ion:113 Resp: 270794
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.2 123.4
 192 20.3 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: 47.815 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054821.D

Acq: 31 Mar 2019 00:24

Instrument :

MSVOA_N

ClientSampleId :

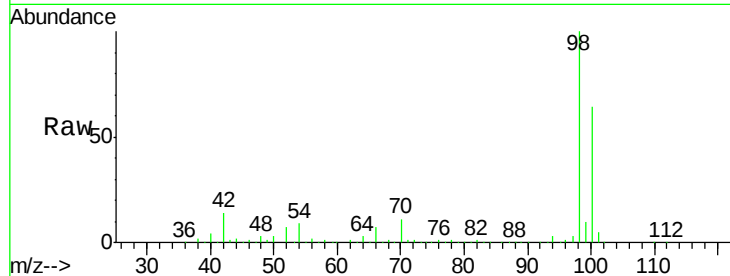
TRIP-BLANK

Tot Ion: 98 Resp: 1015119

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

500000

400000

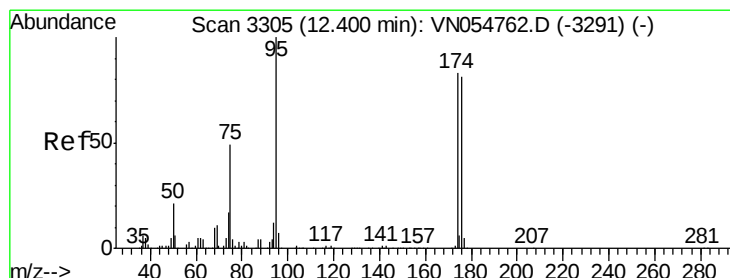
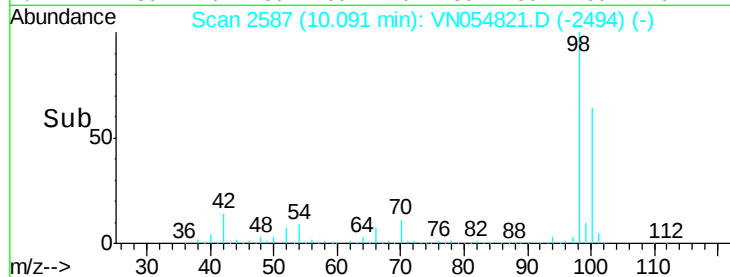
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.537 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054821.D

Acq: 31 Mar 2019 00:24

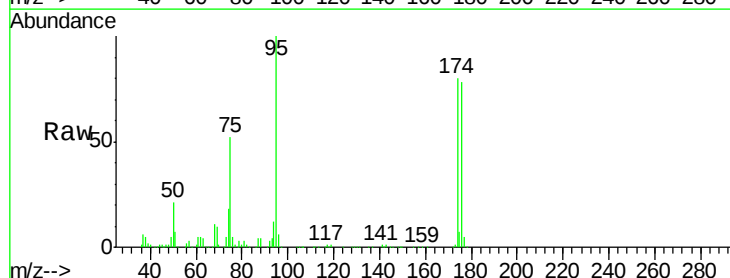
Tgt Ion: 95 Resp: 307397

Ion Ratio Lower Upper

95 100

174 82.3 0.0 191.0

176 80.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

12.40

200000

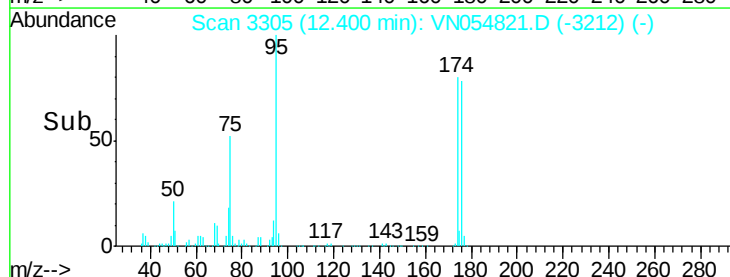
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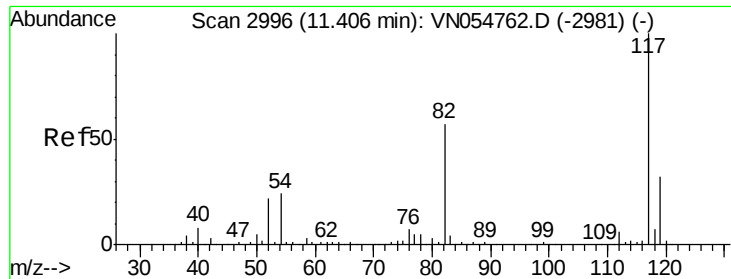
100000

50000

0

Time-->

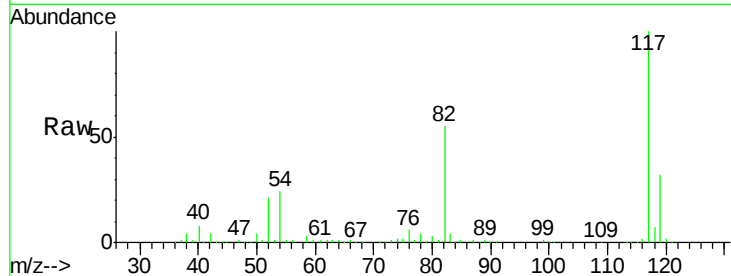




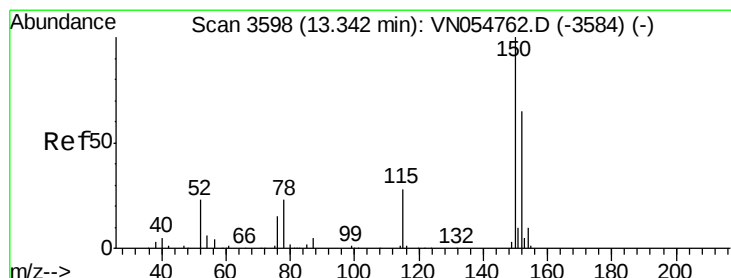
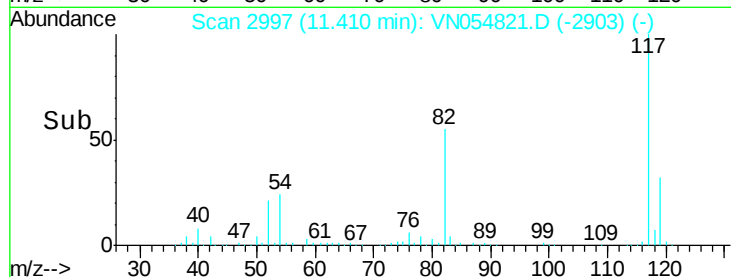
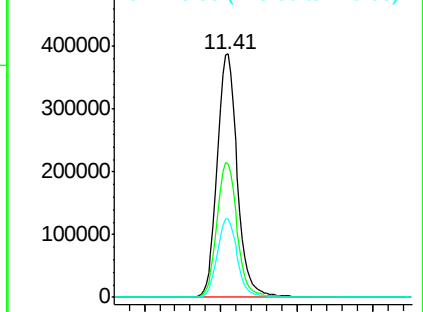
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054821.D
Acq: 31 Mar 2019 00:24

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tot Ion:117 Resp: 712255
Ion Ratio Lower Upper
117 100
82 55.1 40.0 60.0
119 32.2 25.8 38.6

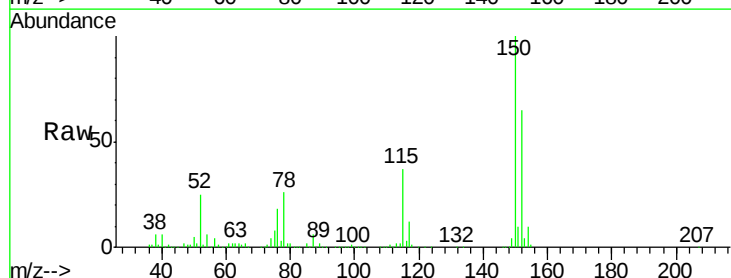


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054821.D
Acq: 31 Mar 2019 00:24

Tgt Ion:152 Resp: 246897
Ion Ratio Lower Upper
152 100
115 57.5 27.2 81.6
150 153.8 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

