

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040519\
 Data File : VN054970.D
 Acq On : 5 Apr 2019 14:27
 Operator : JC/SP
 Sample : K2292-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Apr 06 00:59:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	505381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	822785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	691686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	220988	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	319986	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	7.59	113	263646	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.09	98	979312	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.40	95	288325	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	

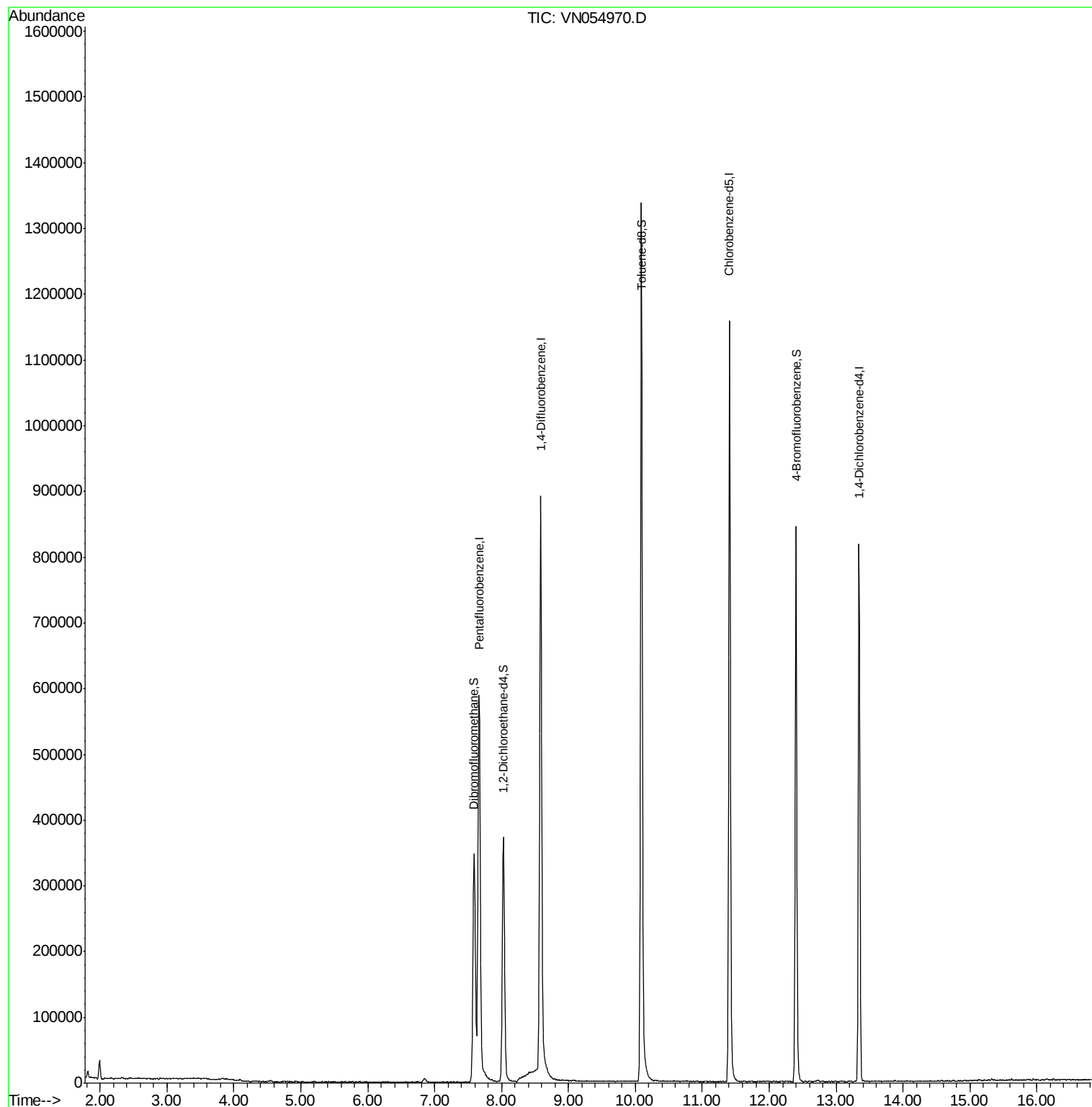
Target Compounds	Qvalue

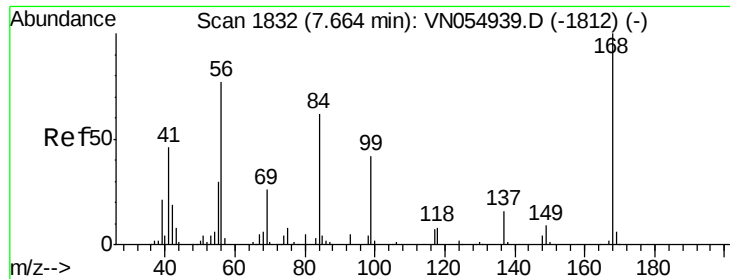
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054970.D

Acq: 5 Apr 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

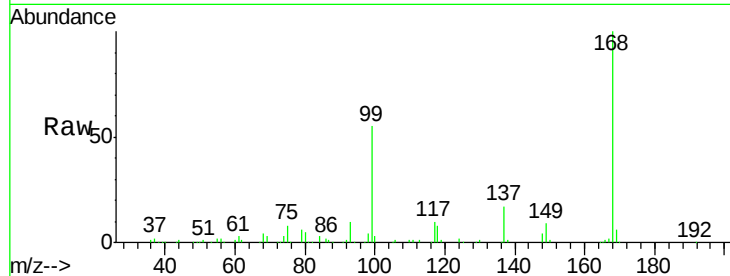
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 505381

Ion Ratio Lower Upper

168 100

99 55.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

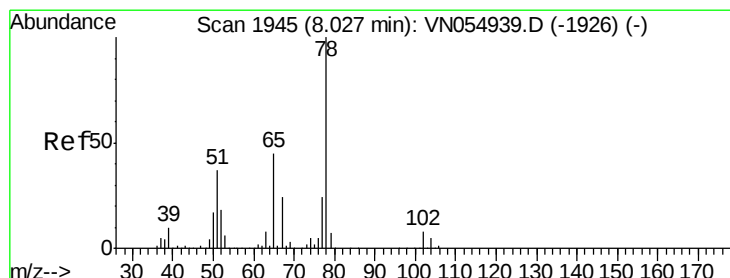
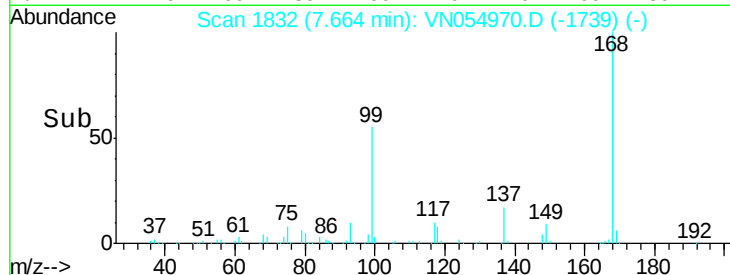
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.022 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054970.D

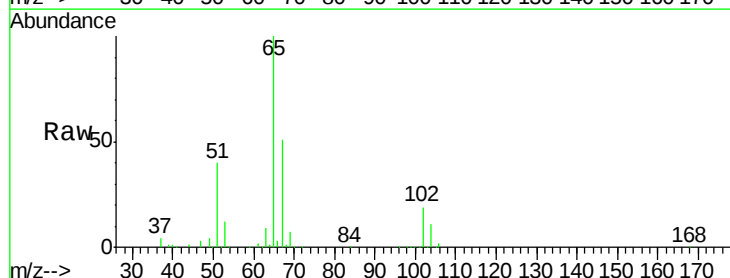
Acq: 5 Apr 2019 14:27

Tgt Ion: 65 Resp: 319986

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

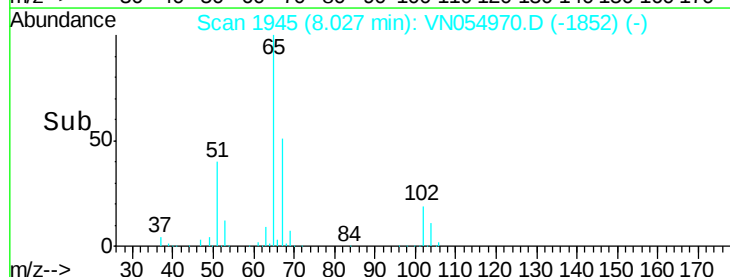
150000

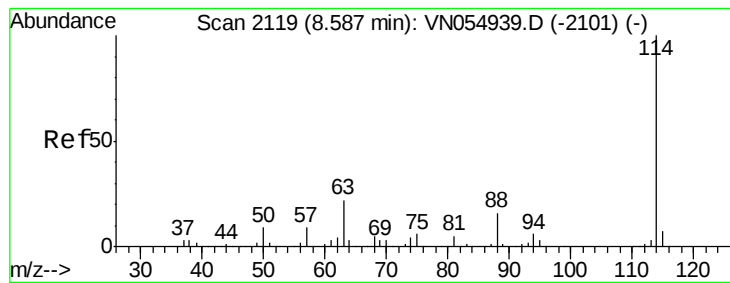
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054970.D

Acq: 5 Apr 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

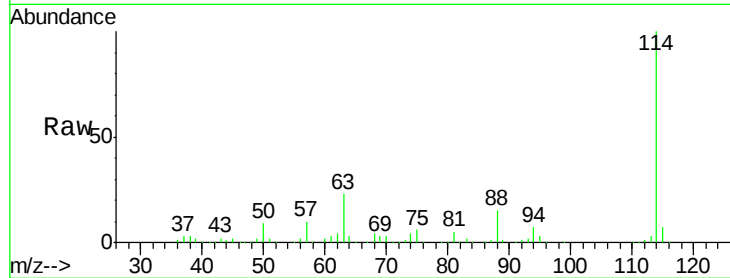
Tot Ion:114 Resp: 822785

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

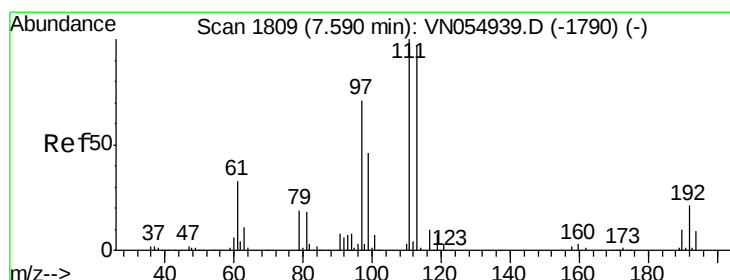
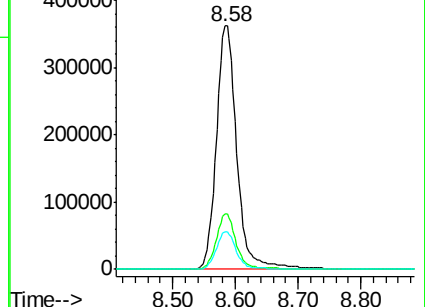
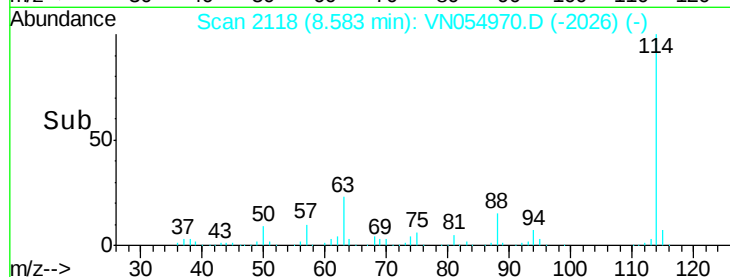
88 15.5 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.225 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054970.D

Acq: 5 Apr 2019 14:27

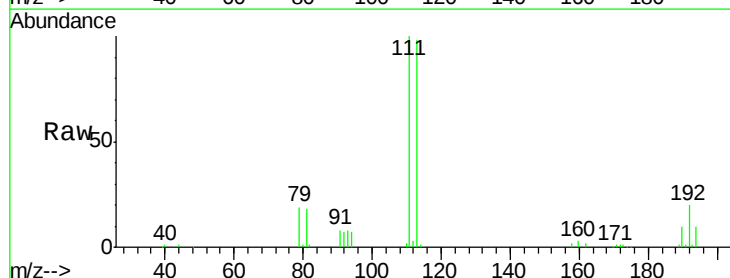
Tgt Ion:113 Resp: 263646

Ion Ratio Lower Upper

113 100

111 103.9 81.0 121.4

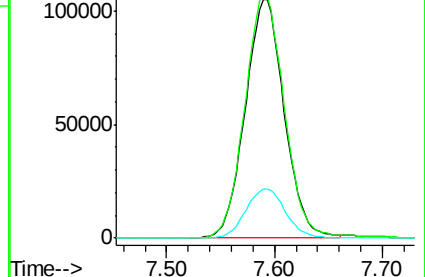
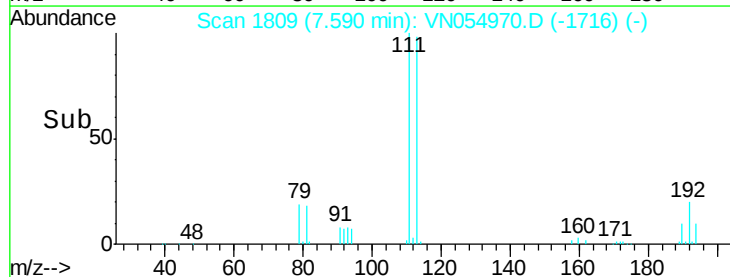
192 21.0 16.5 24.7

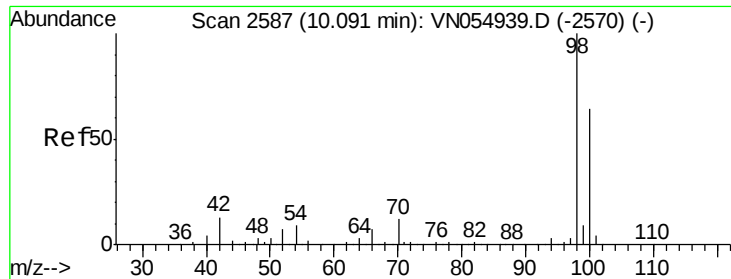


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.188 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054970.D

Acq: 5 Apr 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

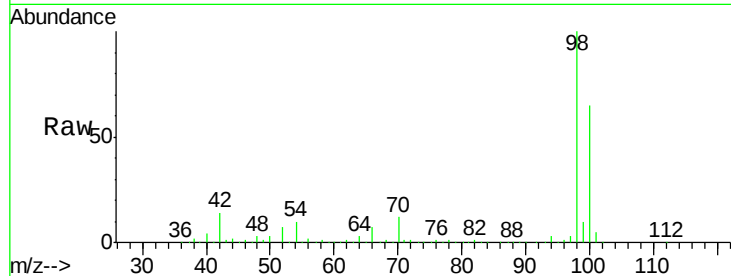
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 979312

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN054939.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054939.D (-2570) (-)

10.09

500000

400000

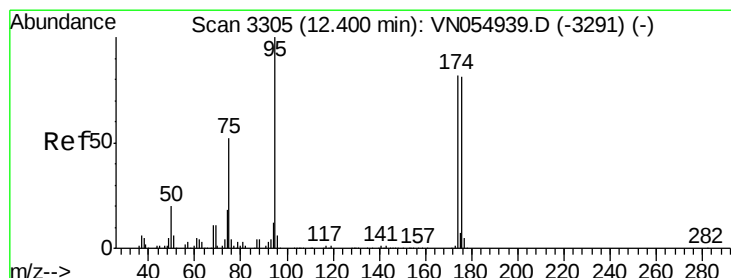
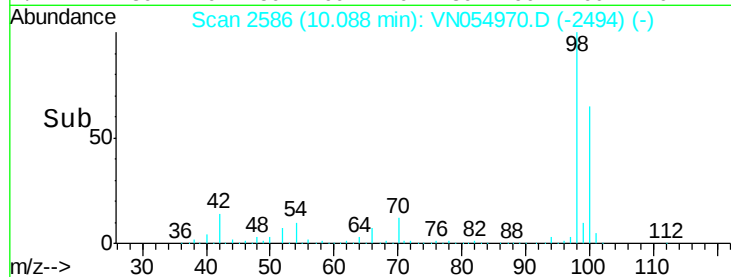
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.512 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054970.D

Acq: 5 Apr 2019 14:27

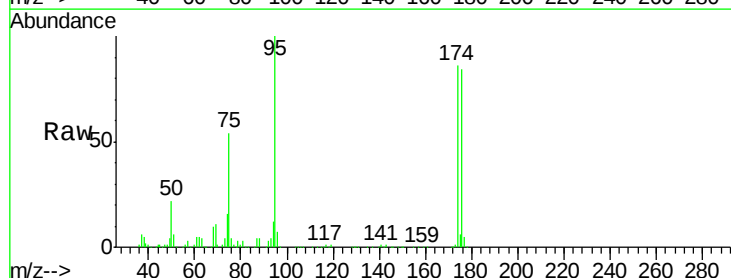
Tgt Ion: 95 Resp: 288325

Ion Ratio Lower Upper

95 100

174 85.0 0.0 166.2

176 82.2 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VN054939.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054939.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054939.D (-3291) (-)

12.40

200000

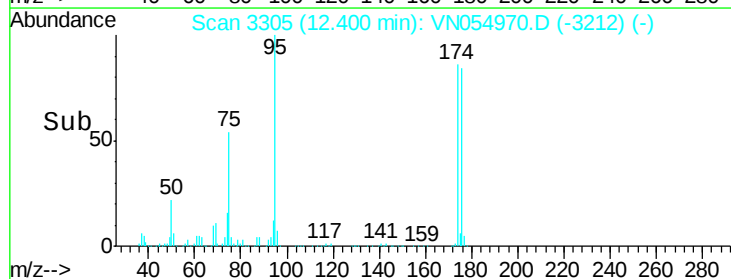
150000

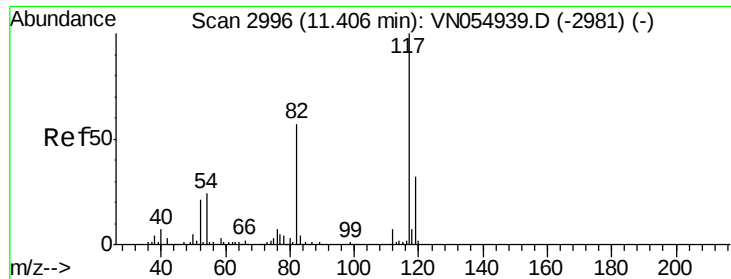
100000

50000

0

Time-->

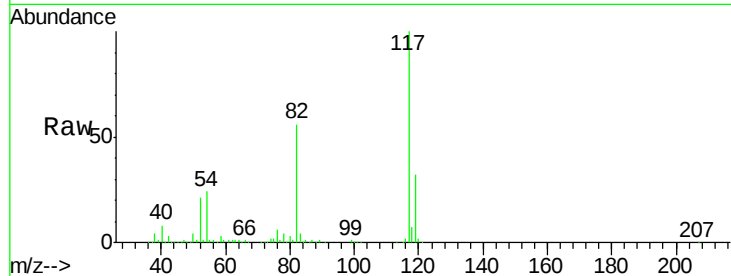




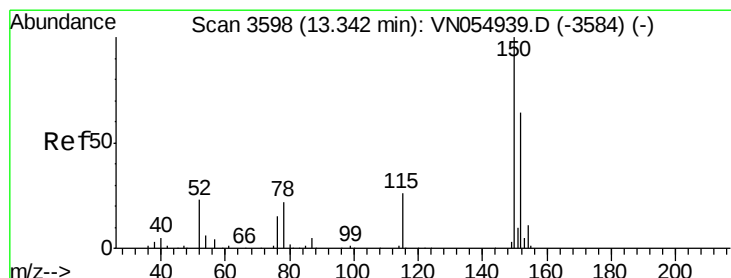
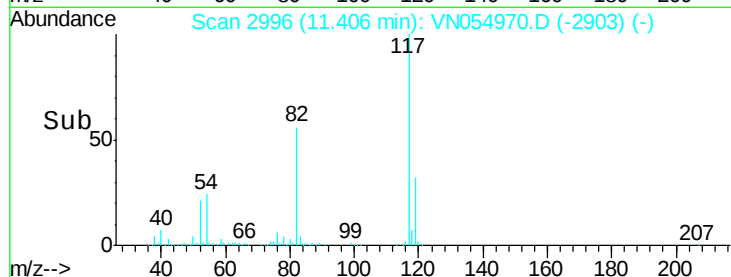
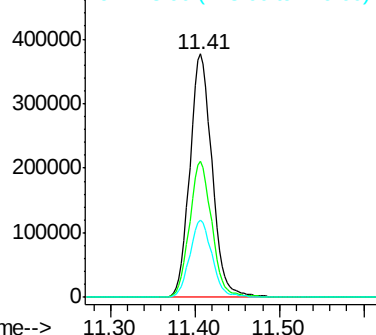
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054970.D
Acq: 5 Apr 2019 14:27

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 691686
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.9 25.8 38.6

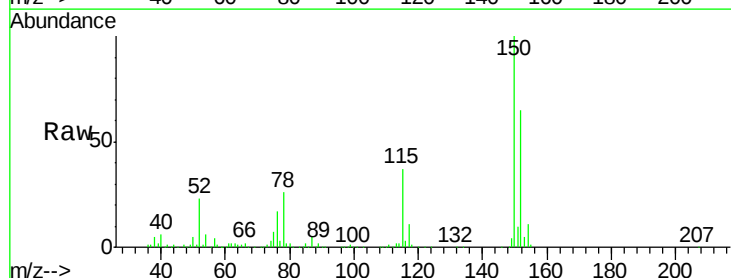


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054970.D
Acq: 5 Apr 2019 14:27

Tgt Ion:152 Resp: 220988
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 155.3 0.0 345.4



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

