

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054320.D
 Acq On : 15 Mar 2019 20:05
 Operator : JC/SP
 Sample : K1932-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7

Quant Time: Mar 16 04:31:44 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

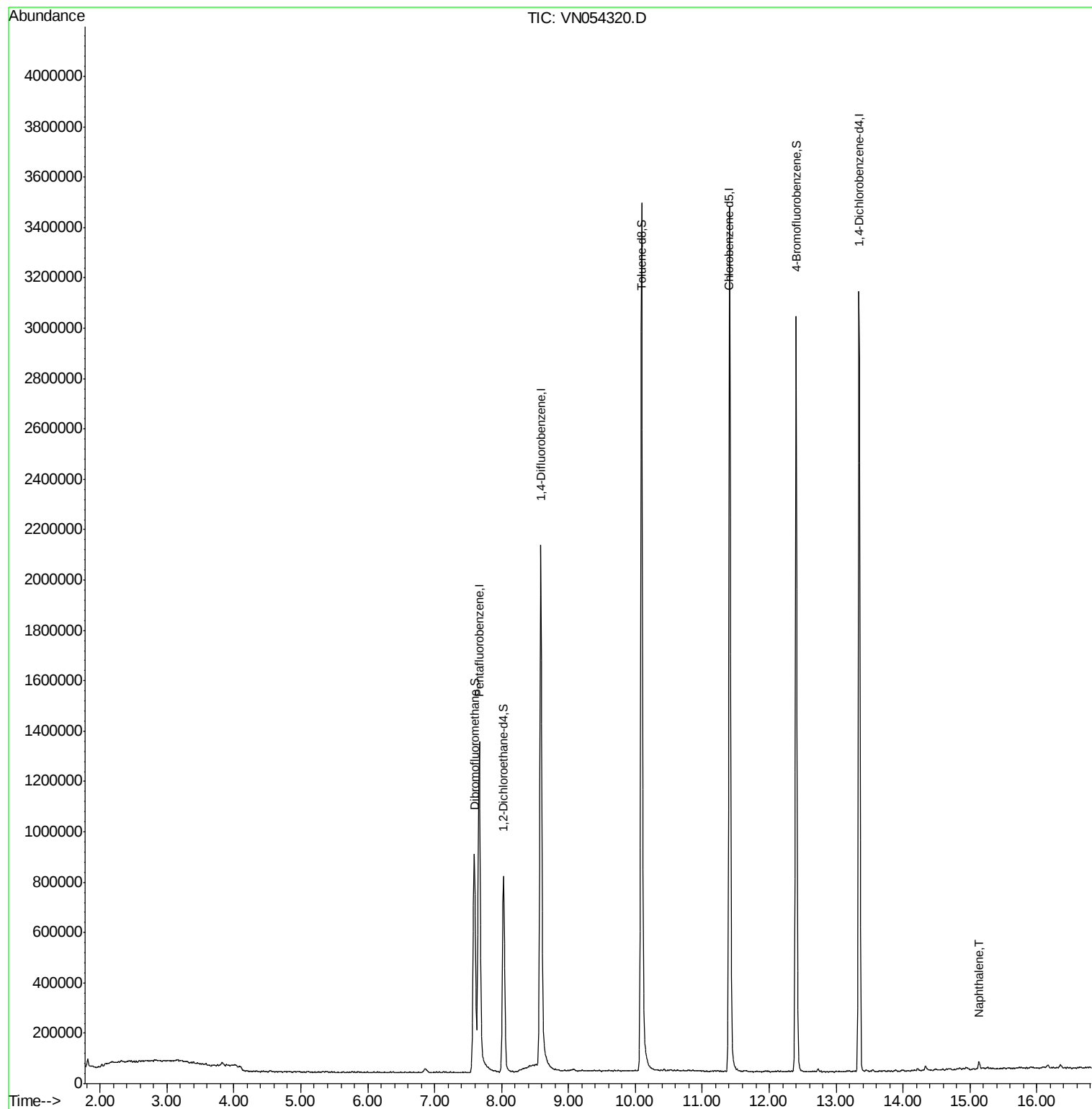
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1305388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2167965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2289382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	940382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	693769	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	7.59	113	662040	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
50) Toluene-d8	10.09	98	2703041	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.40	95	1022271	56.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.16%	
Target Compounds						
95) Naphthalene	15.13	128	26761	4.074	ug/l	Qvalue 97

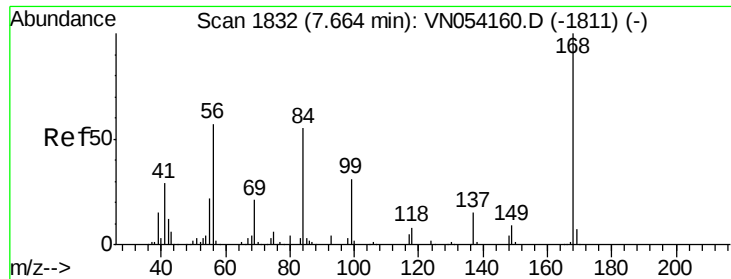
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054320.D

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Instrument :

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ClientSampleId :

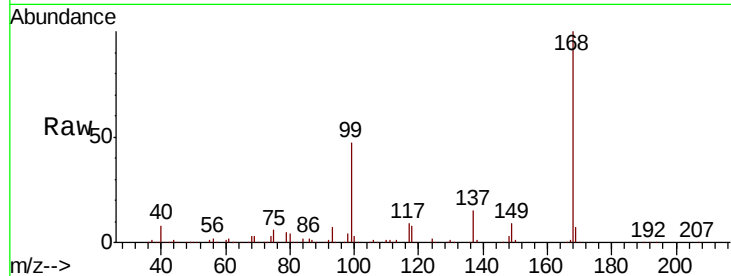
TW-7

Tgt Ion:168 Resp: 1305388

Ion Ratio Lower Upper

168 100

99 46.9 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

500000

400000

300000

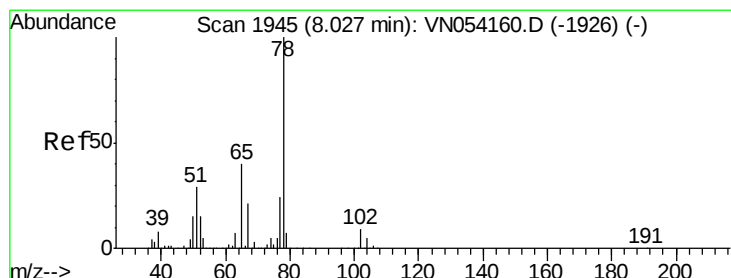
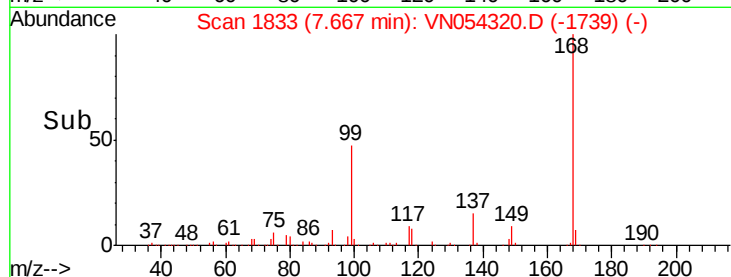
200000

100000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 50.044 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054320.D

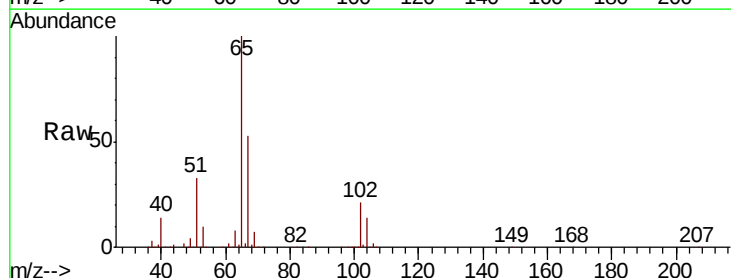
Acq: 15 Mar 2019 20:05

Tgt Ion: 65 Resp: 693769

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

300000

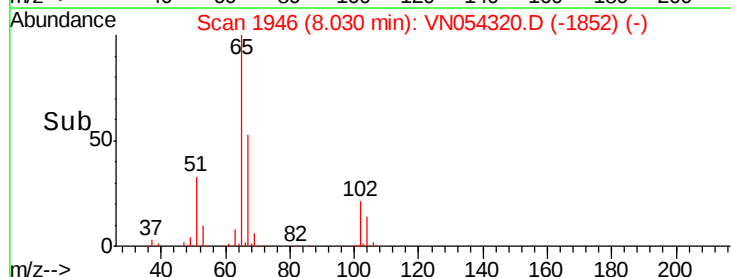
200000

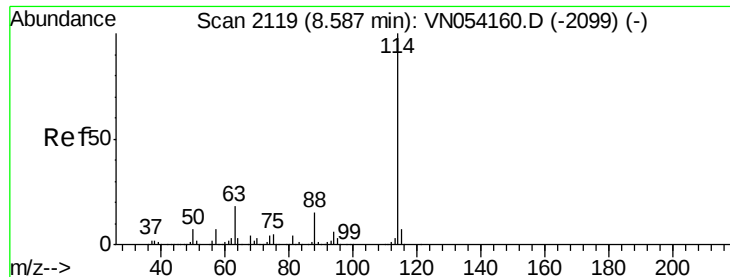
100000

0

Time-->

7.90 8.00 8.10 8.20

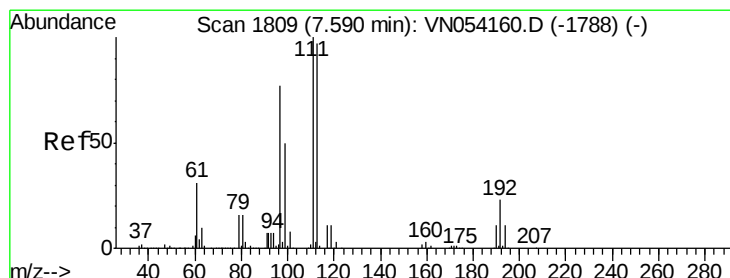
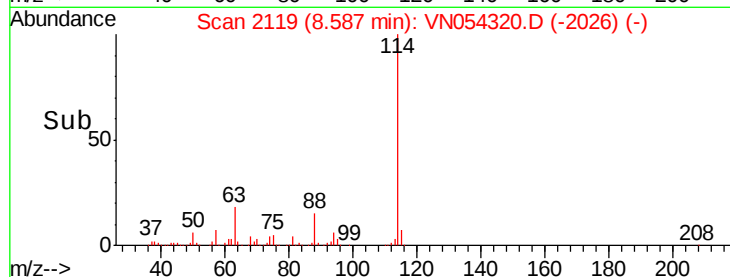
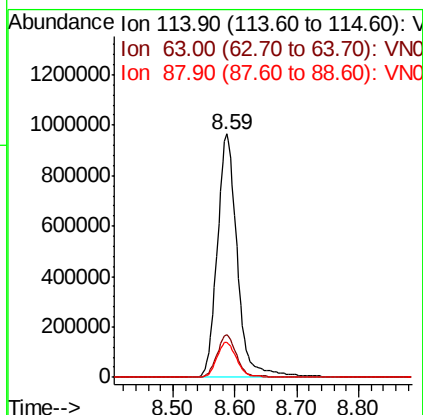
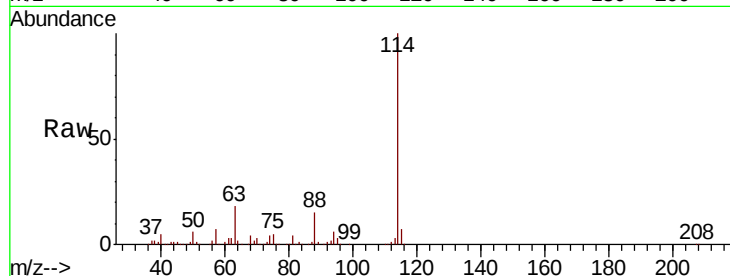




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054320.D
 Acq: 15 Mar 2019 20:05

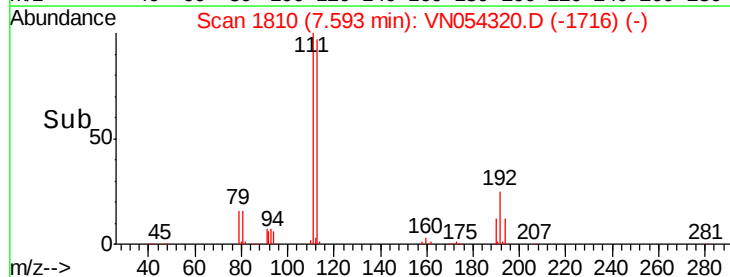
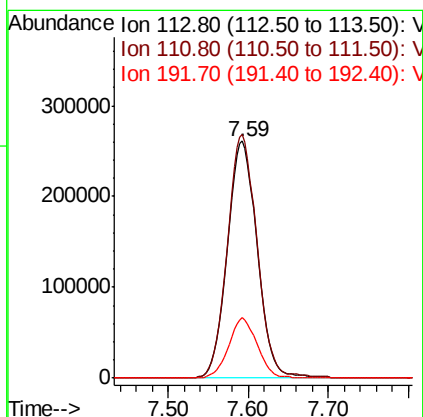
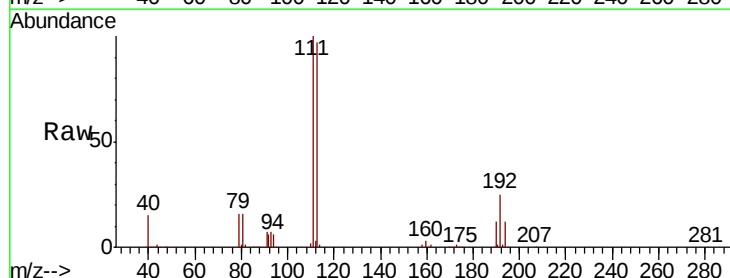
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7

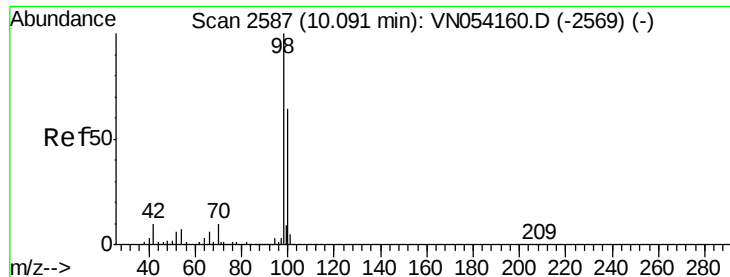
Tgt Ion:114 Resp: 2167965
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.5 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 47.348 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054320.D
 Acq: 15 Mar 2019 20:05

Tgt Ion:113 Resp: 662040
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 24.6 19.2 28.8





#50

Toluene-d8

Concen: 52.345 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054320.D

Acq: 15 Mar 2019 20:05

Instrument :

MSVOA_N

ClientSampled :

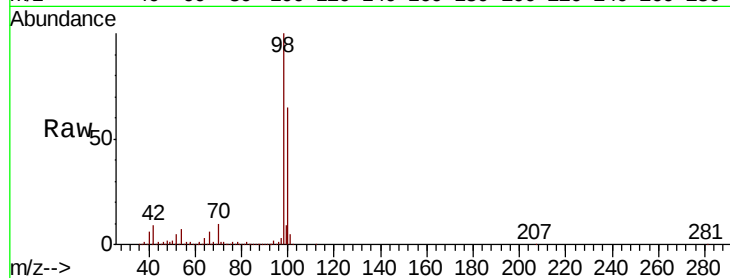
TW-7

Tgt Ion: 98 Resp: 2703041

Ion Ratio Lower Upper

98 100

100 64.3 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

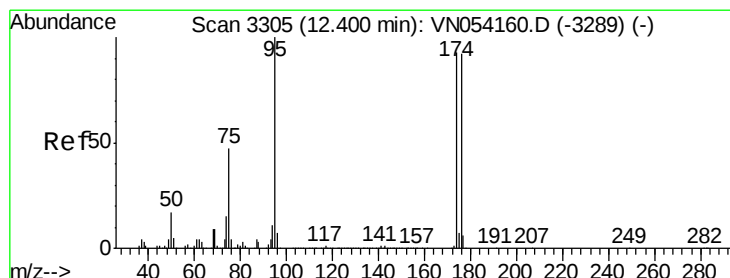
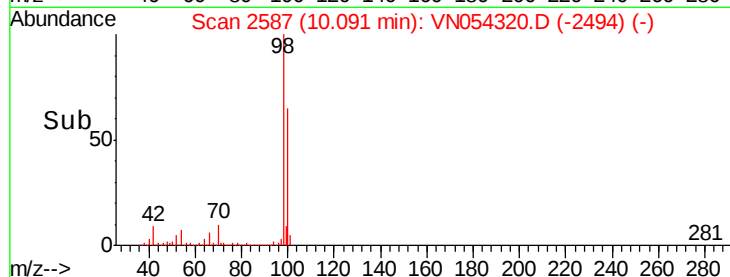
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.577 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054320.D

Acq: 15 Mar 2019 20:05

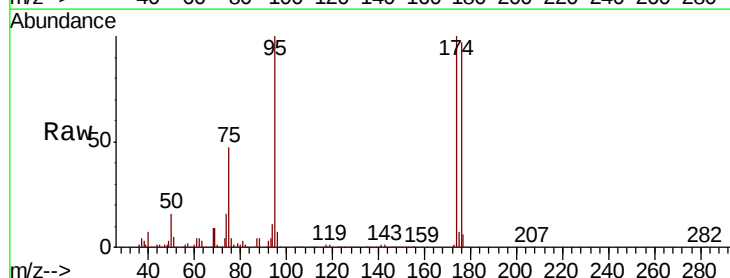
Tgt Ion: 95 Resp: 1022271

Ion Ratio Lower Upper

95 100

174 99.0 0.0 191.0

176 96.1 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) (-)

12.40

800000

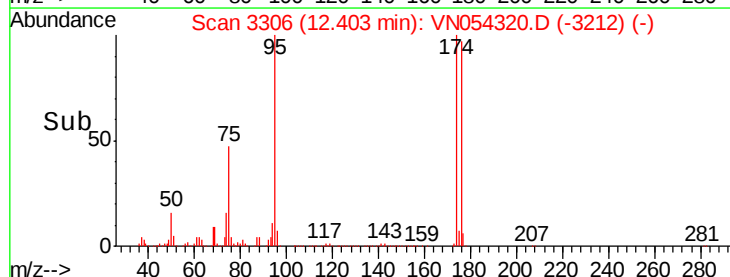
600000

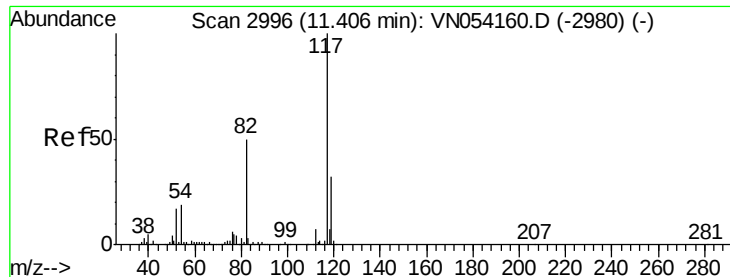
400000

200000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054320.D

Acq: 15 Mar 2019 20:05

Instrument :

MSVOA_N

ClientSampleId :

TW-7

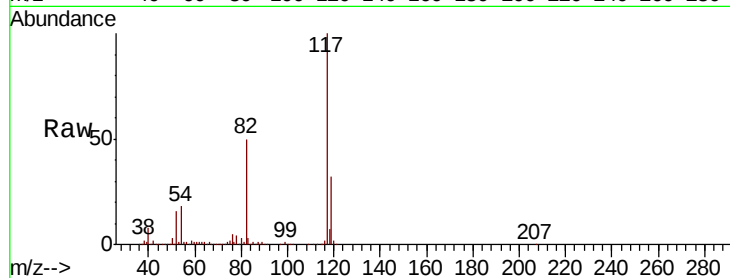
Tgt Ion:117 Resp: 2289382

Ion Ratio Lower Upper

117 100

82 49.5 40.0 60.0

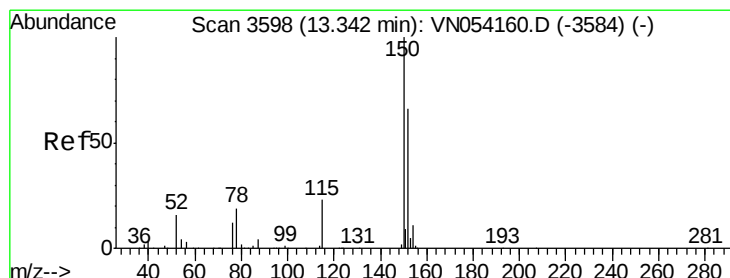
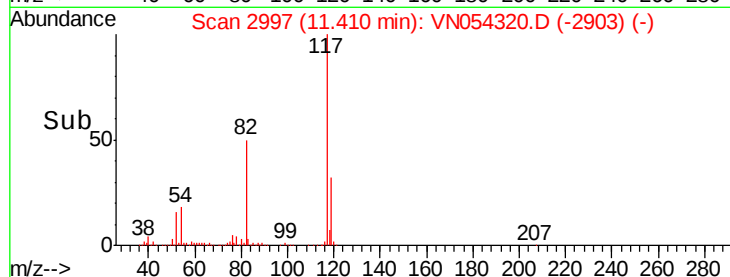
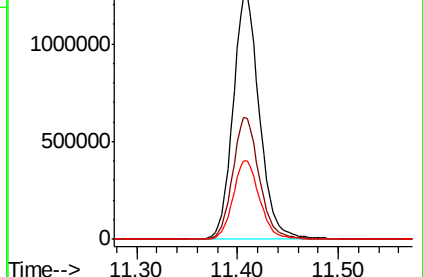
119 32.2 25.8 38.6



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054320.D

Acq: 15 Mar 2019 20:05

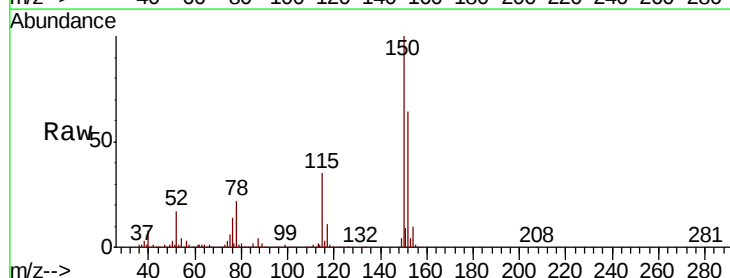
Tgt Ion:152 Resp: 940382

Ion Ratio Lower Upper

152 100

115 54.3 27.2 81.6

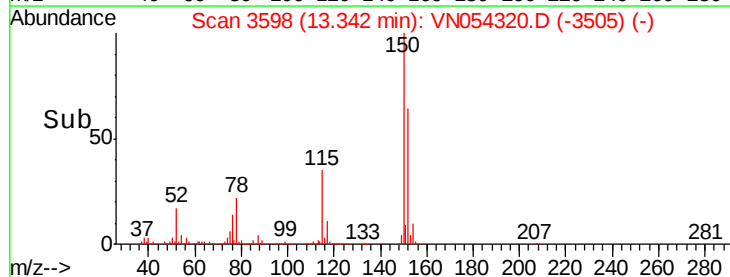
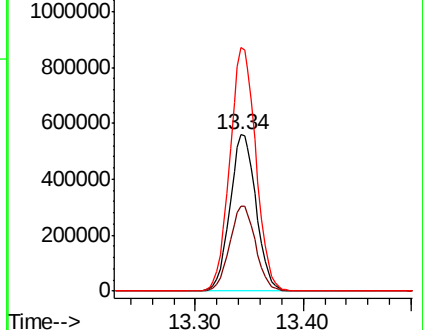
150 155.7 0.0 349.2

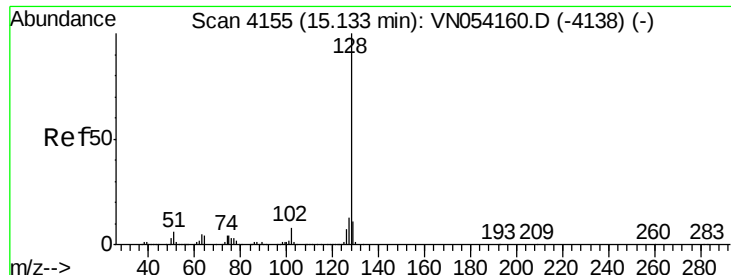


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.074 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054320.D

Acq: 15 Mar 2019 20:05

Instrument :

MSVOA_N

ClientSampleId :

TW-7

Tgt Ion:128 Resp: 26761

Ion Ratio Lower Upper

128 100

127 14.1 10.1 15.1

129 10.2 8.7 13.1

