

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054359.D
 Acq On : 17 Mar 2019 2:20
 Operator : JC/SP
 Sample : PB117942TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117942TB

Quant Time: Mar 18 08:05:14 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

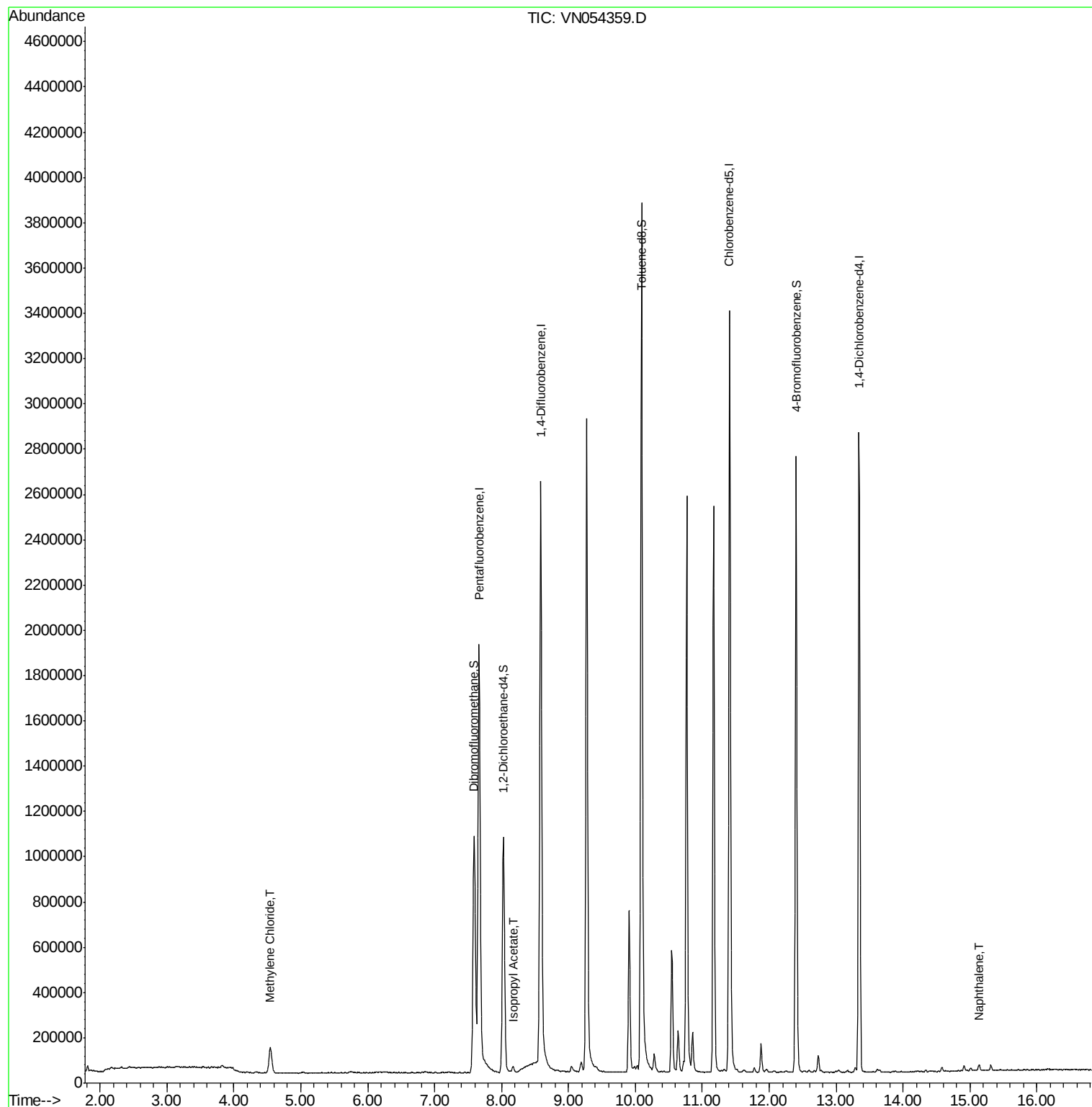
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1827843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2631463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2225428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	830840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	907186	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
35) Dibromofluoromethane	7.59	113	806920	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	10.09	98	3047903	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.40	95	918578	41.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.76%	
Target Compounds						
20) Methylene Chloride	4.54	84	87264	4.782	ug/l	98
43) Isopropyl Acetate	8.17	43	29450	1.205	ug/l	98
95) Naphthalene	15.13	128	25376	4.118	ug/l	98

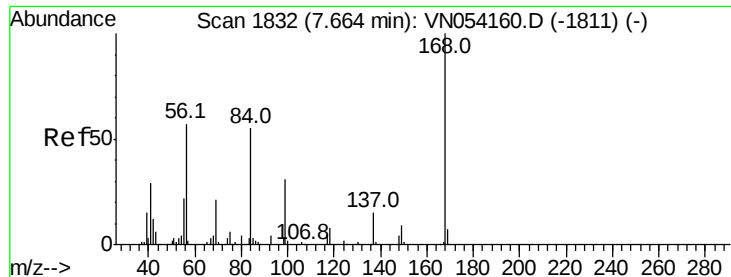
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054359.D

Acq: 17 Mar 2019 2:20

Instrument :

MSVOA_N

ClientSampleId :

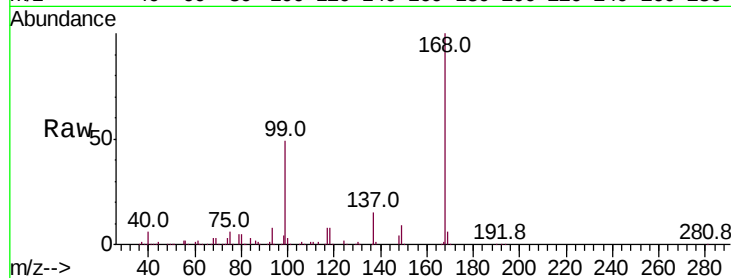
PB117942TB

Tot Ion:168 Resp: 1827843

Ion Ratio Lower Upper

168 100

99 48.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

800000

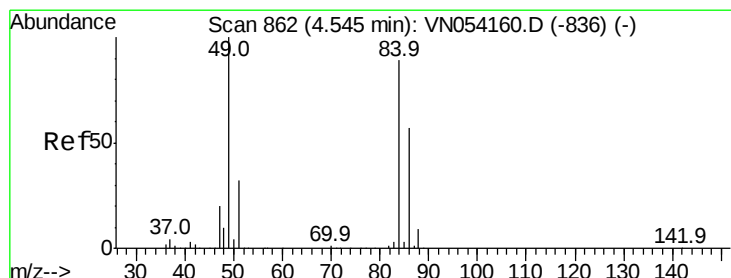
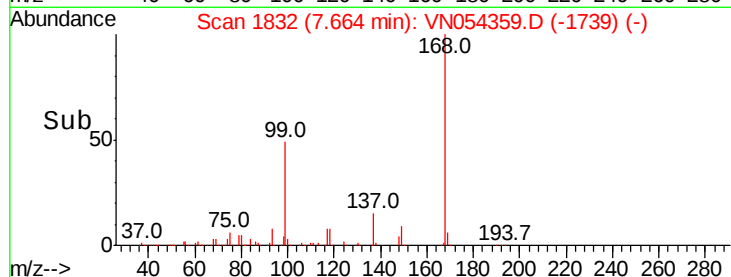
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 4.782 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054359.D

Acq: 17 Mar 2019 2:20

Tgt Ion: 84 Resp: 87264

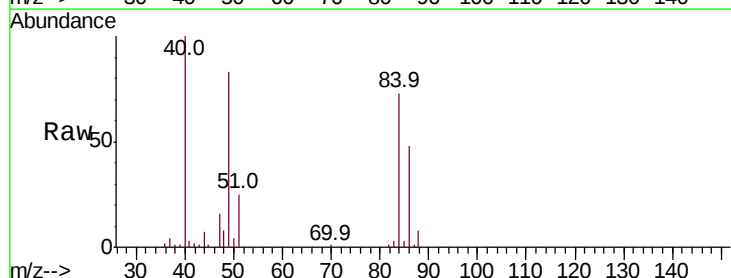
Ion Ratio Lower Upper

84 100

49 113.4 89.7 134.5

51 33.6 28.2 42.4

86 65.7 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

50000

40000

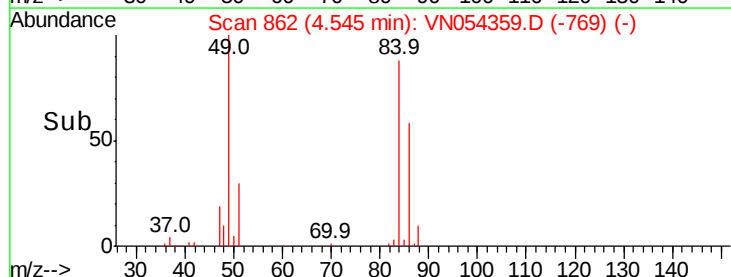
30000

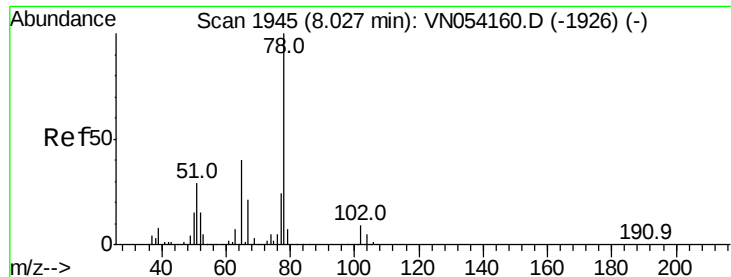
20000

10000

0

Time--> 4.40 4.50 4.60





#33

1,2-Dichloroethane-d4

Concen: 46.734 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054359.D

Acq: 17 Mar 2019 2:20

Instrument :

MSVOA_N

ClientSampleId :

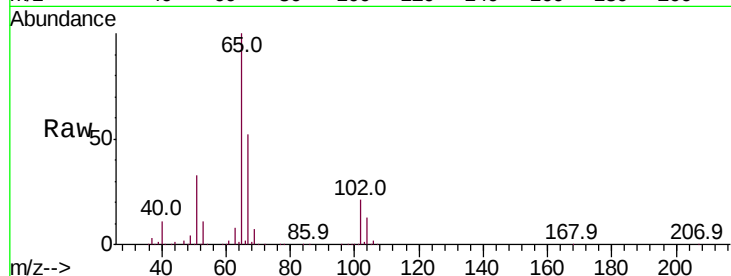
PB117942TB

Tot Ion: 65 Resp: 907186

Ion Ratio Lower Upper

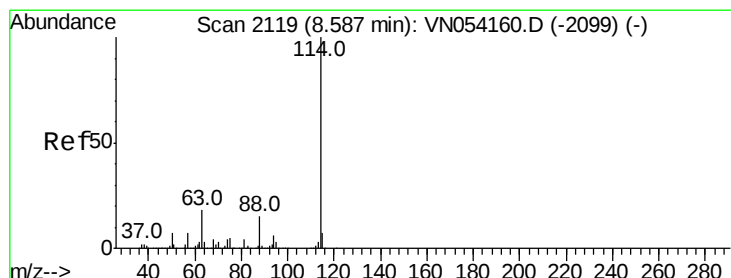
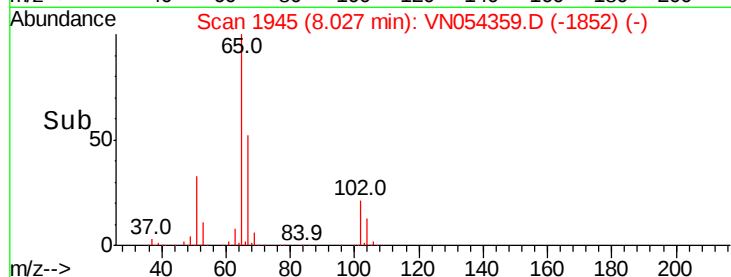
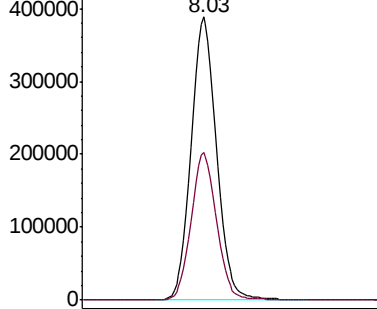
65 100

67 52.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054359.D

Acq: 17 Mar 2019 2:20

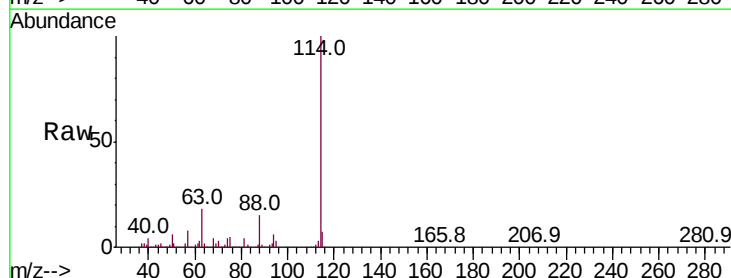
Tgt Ion:114 Resp: 2631463

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

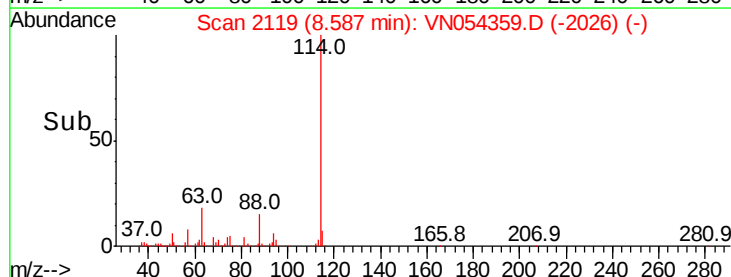
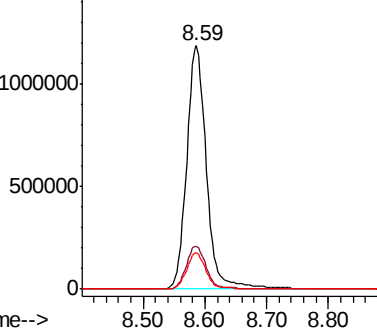
88 15.0 0.0 30.2

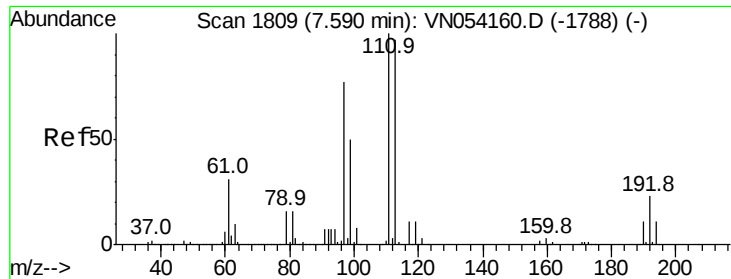


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

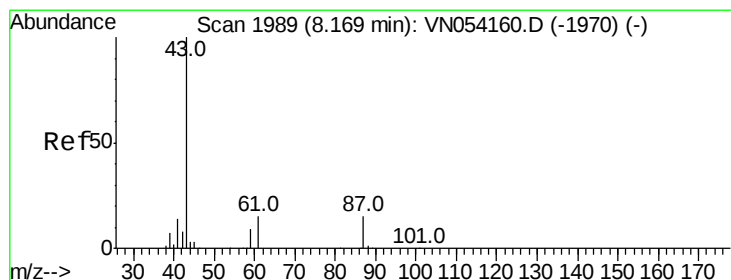
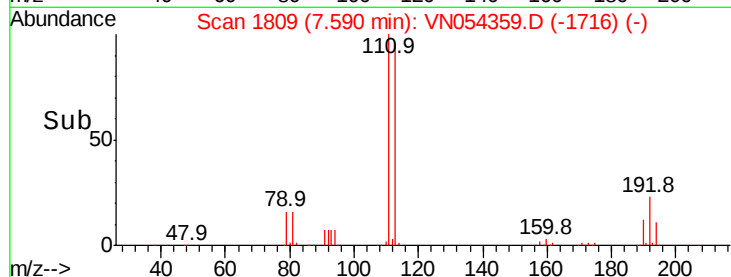
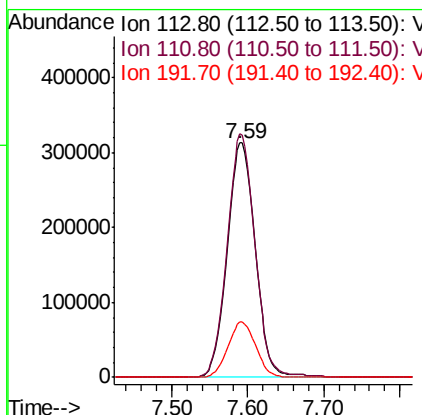
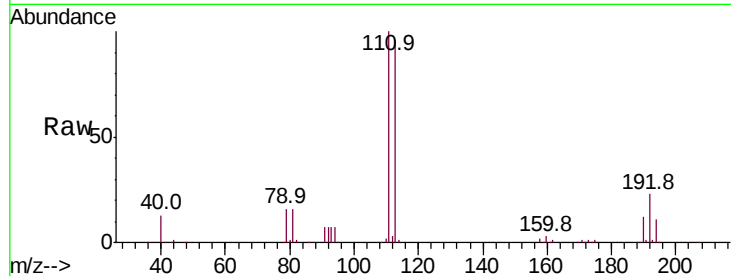




#35
 Dibromofluoromethane
 Concen: 47.545 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054359.D
 Acq: 17 Mar 2019 2:20

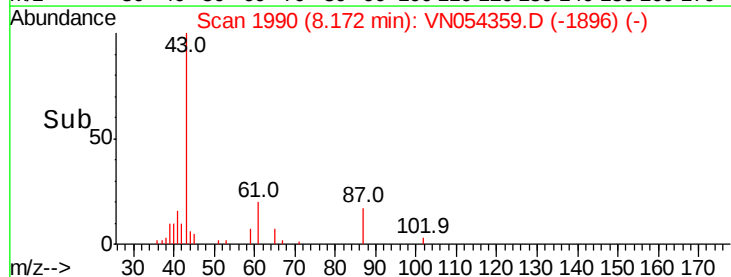
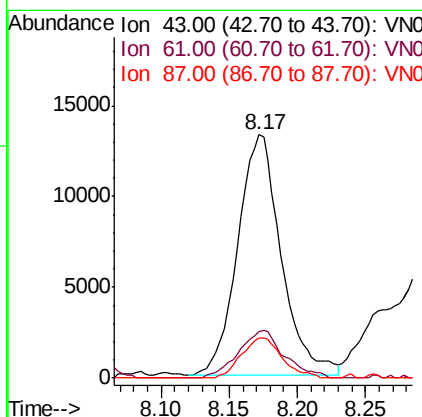
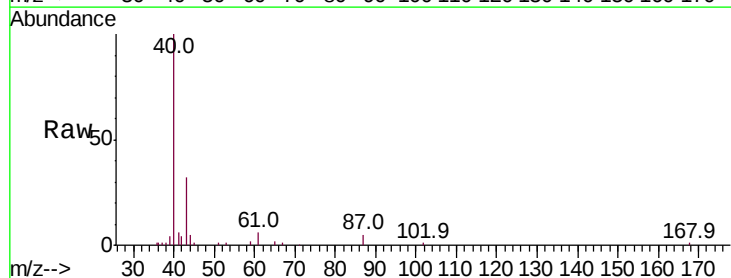
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117942TB

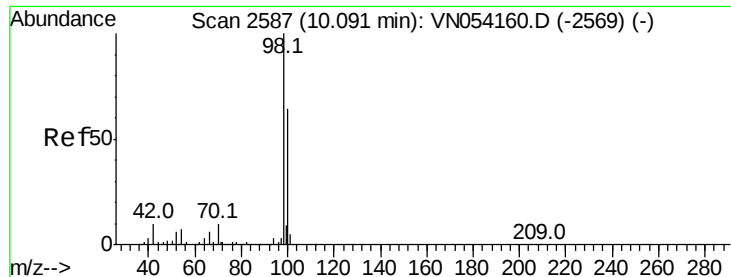
Tot Ion:113 Resp: 806920
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 23.3 19.2 28.8



#43
 Isopropyl Acetate
 Concen: 1.205 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054359.D
 Acq: 17 Mar 2019 2:20

Tgt Ion: 43 Resp: 29450
 Ion Ratio Lower Upper
 43 100
 61 20.8 15.8 23.8
 87 15.7 12.0 18.0





#50

Toluene-d8

Concen: 48.627 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054359.D

Acq: 17 Mar 2019 2:20

Instrument :

MSVOA_N

ClientSampleId :

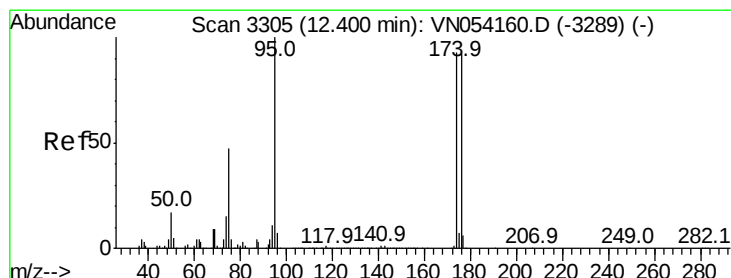
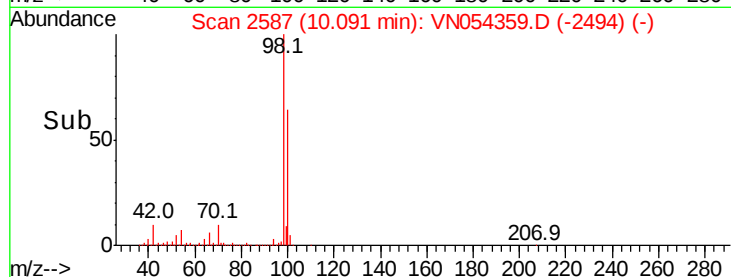
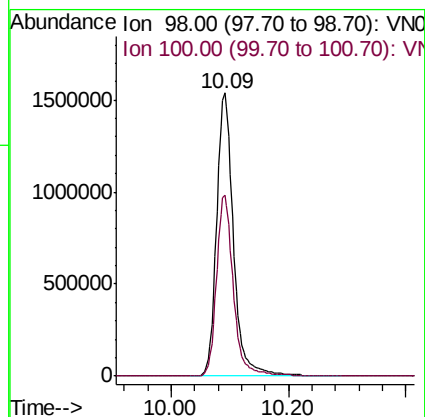
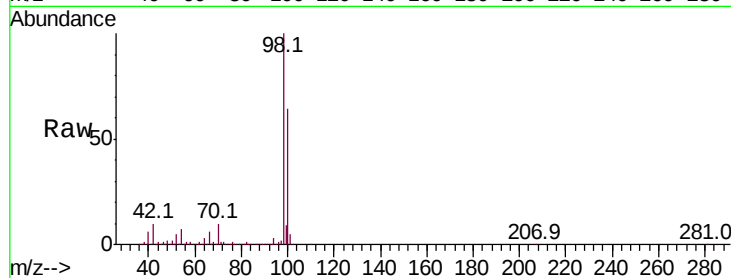
PB117942TB

Tot Ion: 98 Resp: 3047903

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.884 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054359.D

Acq: 17 Mar 2019 2:20

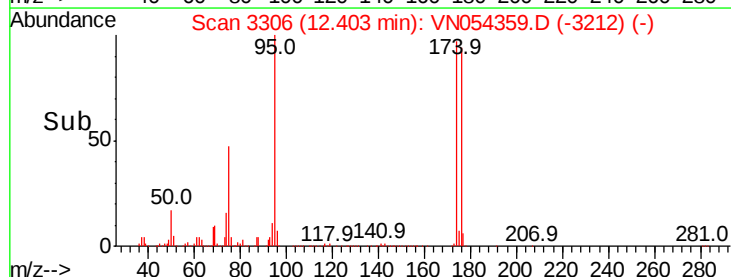
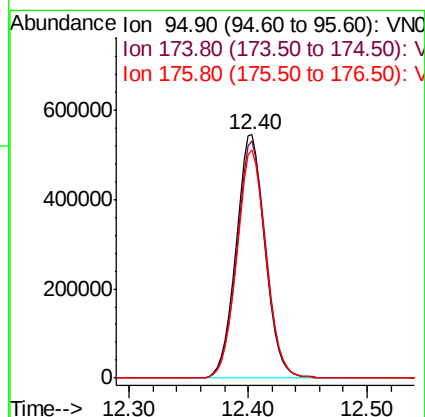
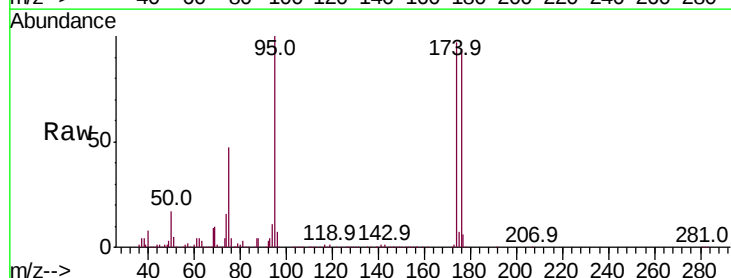
Tgt Ion: 95 Resp: 918578

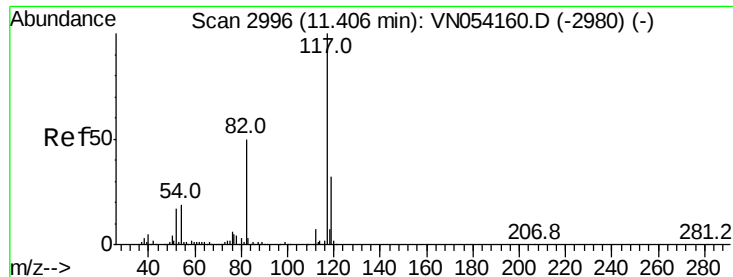
Ion Ratio Lower Upper

95 100

174 97.5 0.0 191.0

176 94.2 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: VN054359.D

Acq: 17 Mar 2019 2:20

Instrument :

MSVOA_N

ClientSampled :

PB117942TB

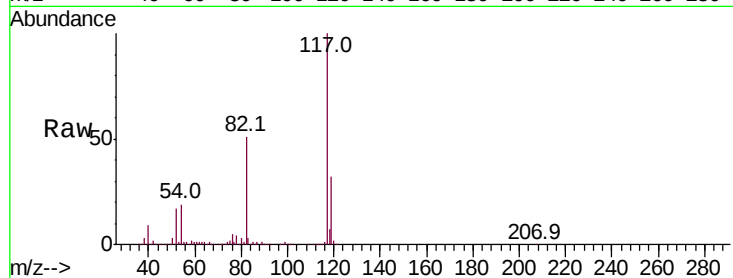
Tot Ion:117 Resp: 2225428

Ion Ratio Lower Upper

117 100

82 50.8 40.0 60.0

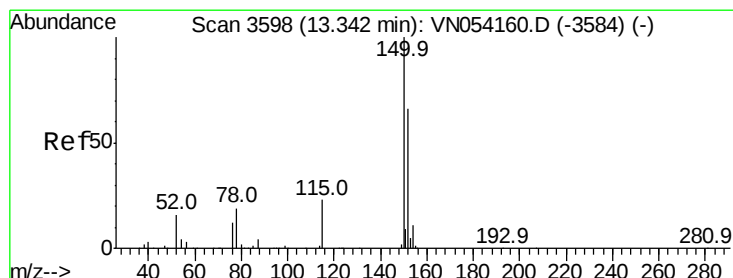
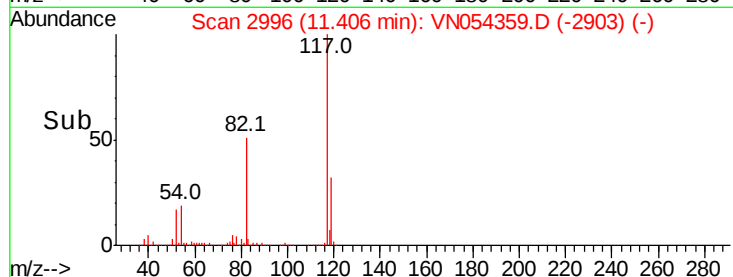
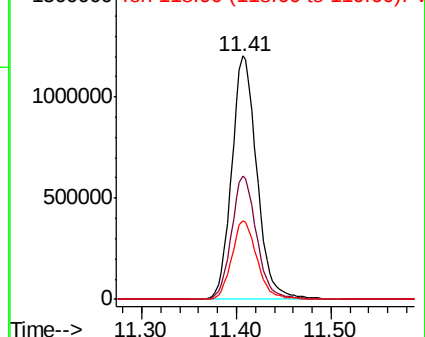
119 32.3 25.8 38.6



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: VN054359.D

Acq: 17 Mar 2019 2:20

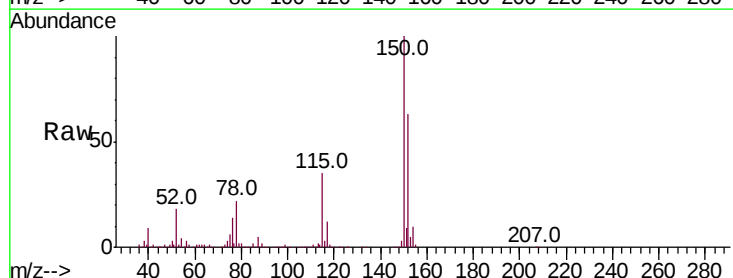
Tgt Ion:152 Resp: 830840

Ion Ratio Lower Upper

152 100

115 55.5 27.2 81.6

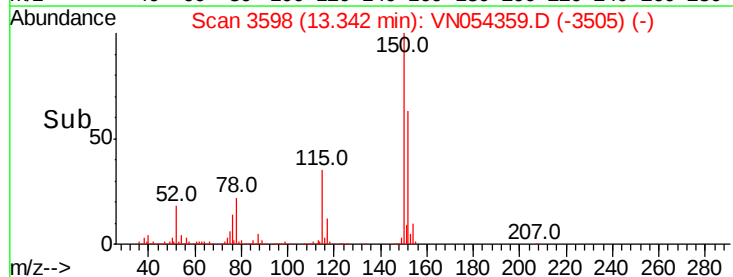
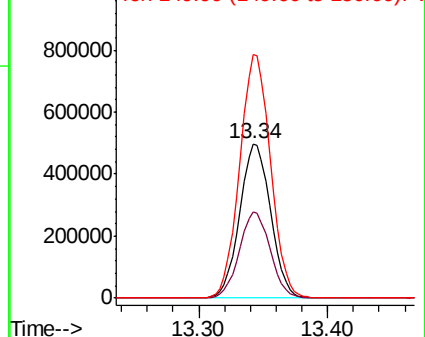
150 157.1 0.0 349.2

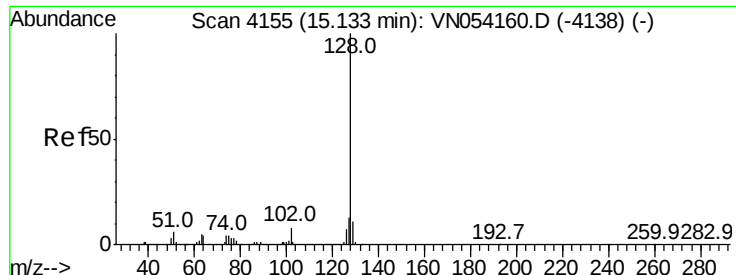


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.118 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054359.D

Acq: 17 Mar 2019 2:20

Instrument :

MSVOA_N

ClientSampleId :

PB117942TB

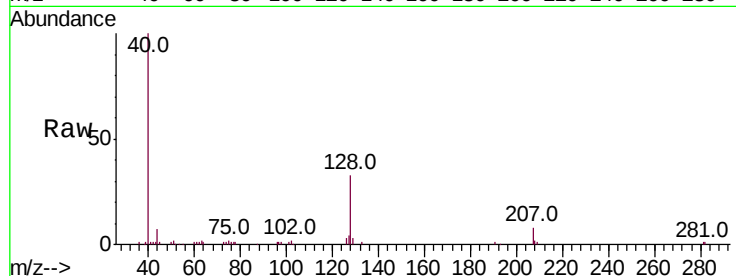
Tot Ion:128 Resp: 25376

Ion Ratio Lower Upper

128 100

127 11.5 10.1 15.1

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

