

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054958.D
 Acq On : 4 Apr 2019 19:57
 Operator : JC/SP
 Sample : K2193-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-040319-A

Quant Time: Apr 05 04:07:54 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

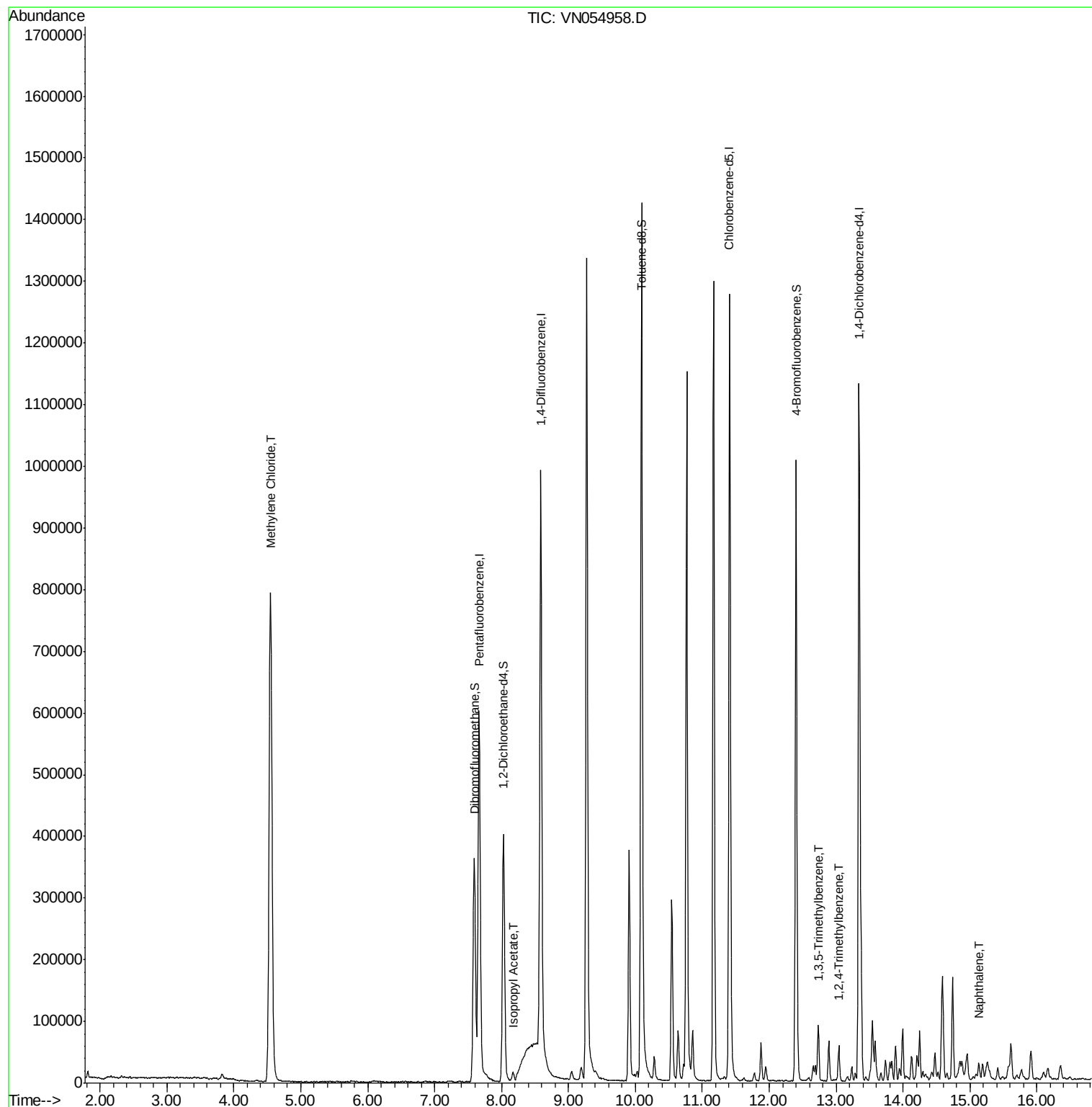
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	520477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	872557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	760598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	306386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	343972	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	7.59	113	275204	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	10.09	98	1048907	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	340324	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
Target Compounds						
20) Methylene Chloride	4.55	84	565961	88.862	ug/l	98
43) Isopropyl Acetate	8.17	43	16817	1.682	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	48583	2.286	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	34498	1.677	ug/l	97
95) Naphthalene	15.13	128	20923	4.569	ug/l	96

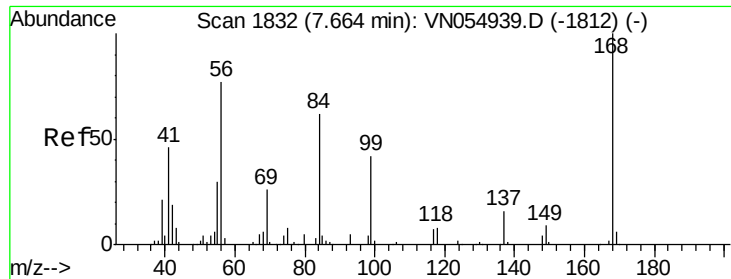
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054958.D

Acq: 4 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

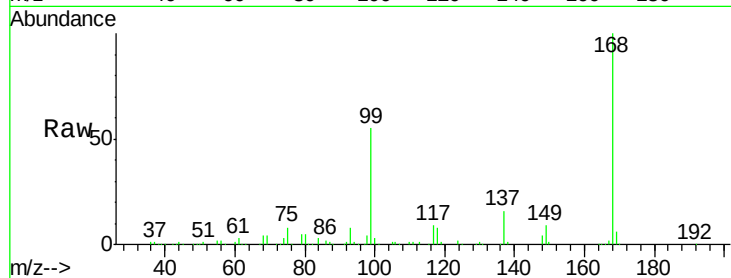
HR-06-040319-A

Tgt Ion:168 Resp: 520477

Ion Ratio Lower Upper

168 100

99 55.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

100000

50000

0

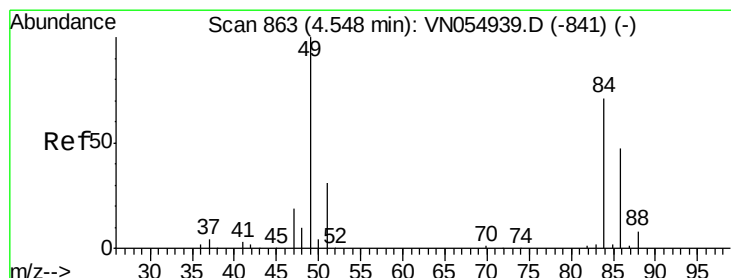
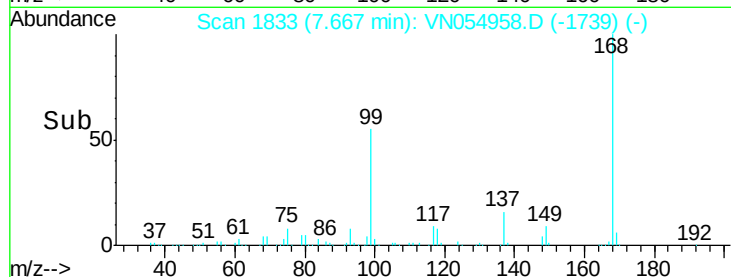
7.67

7.60

7.70

7.80

Time-->



#20

Methylene Chloride

Concen: 88.862 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054958.D

Acq: 4 Apr 2019 19:57

Tgt Ion: 84 Resp: 565961

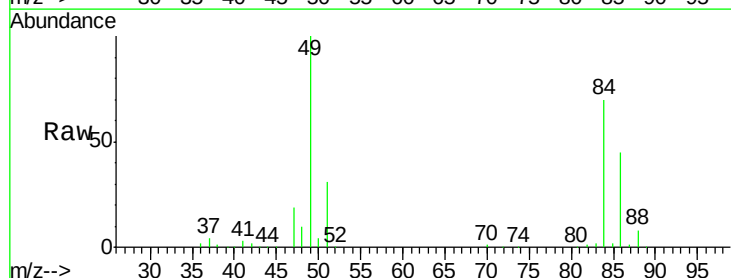
Ion Ratio Lower Upper

84 100

49 143.7 112.1 168.1

51 44.5 34.5 51.7

86 64.6 52.2 78.4



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

400000

300000

200000

100000

0

4.55

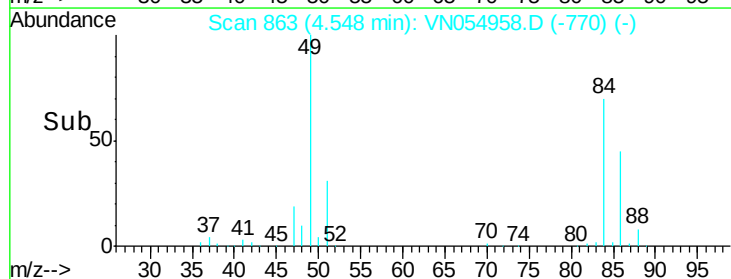
4.40

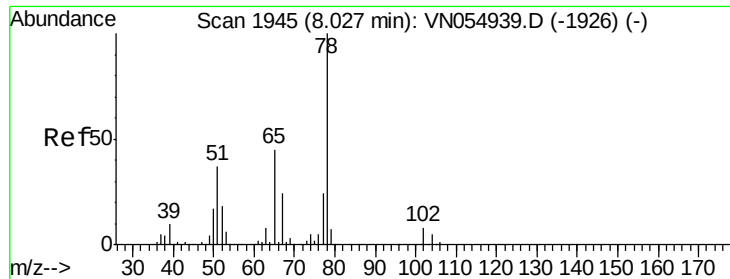
4.50

4.60

4.70

Time-->

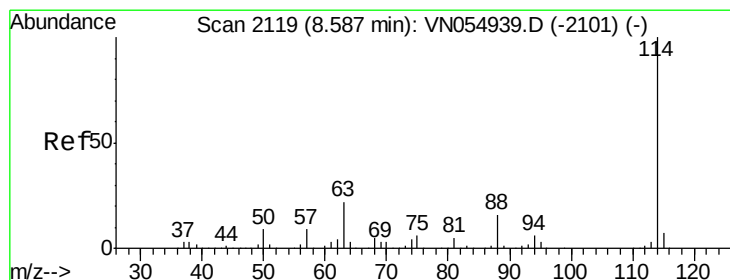
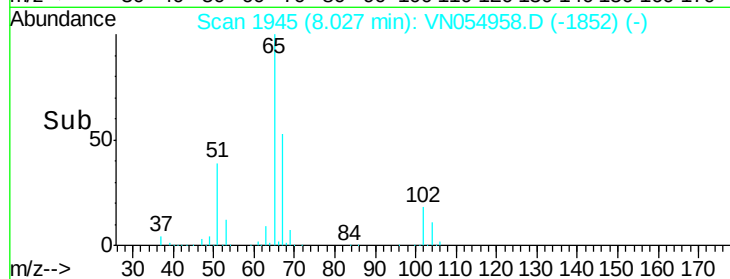
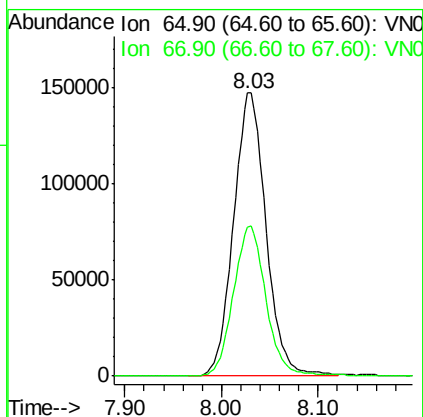
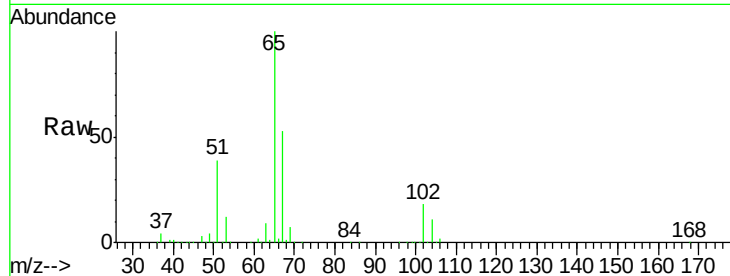




#33
1,2-Dichloroethane-d4
Concen: 50.125 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054958.D
Acq: 4 Apr 2019 19:57

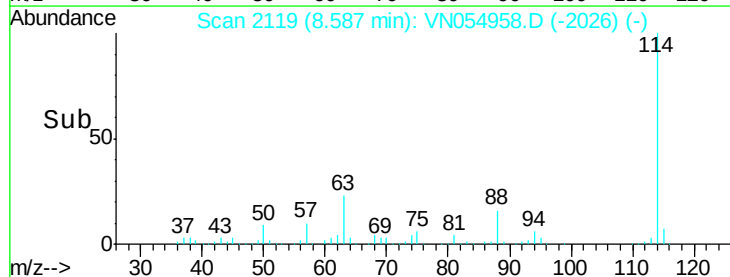
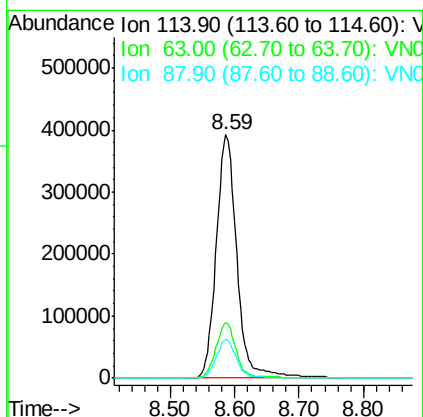
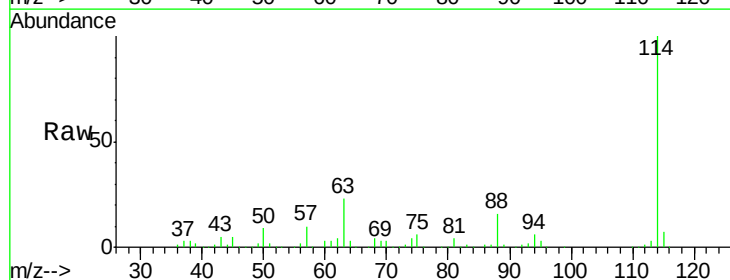
Instrument :
MSVOA_N
ClientSampleId :
HR-06-040319-A

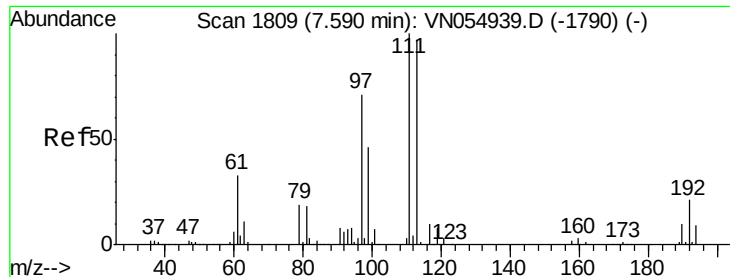
Tgt Ion: 65 Resp: 343972
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054958.D
Acq: 4 Apr 2019 19:57

Tgt Ion: 114 Resp: 872557
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 15.7 0.0 32.0

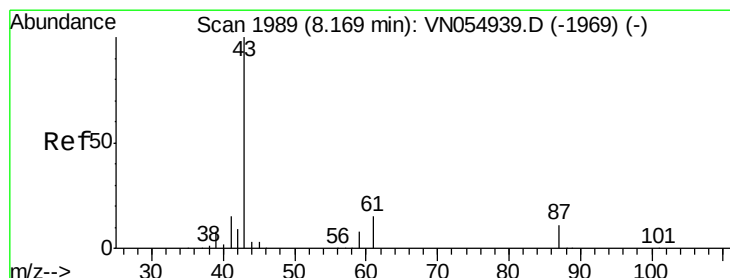
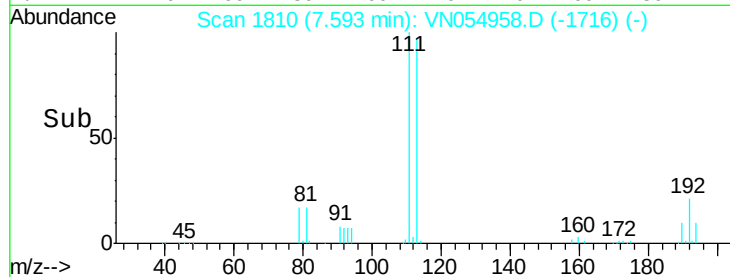
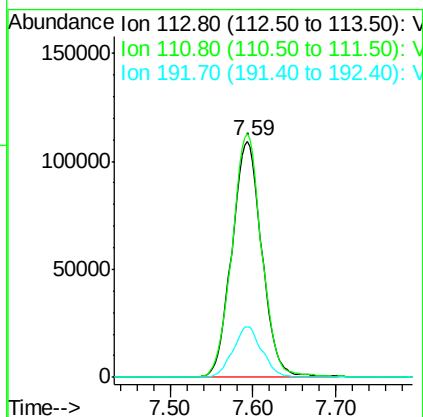
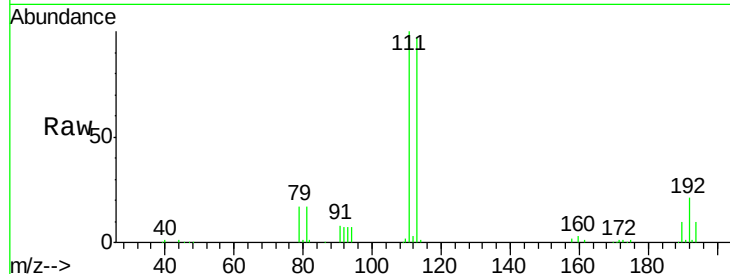




#35
 Dibromofluoromethane
 Concen: 48.452 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054958.D
 Acq: 4 Apr 2019 19:57

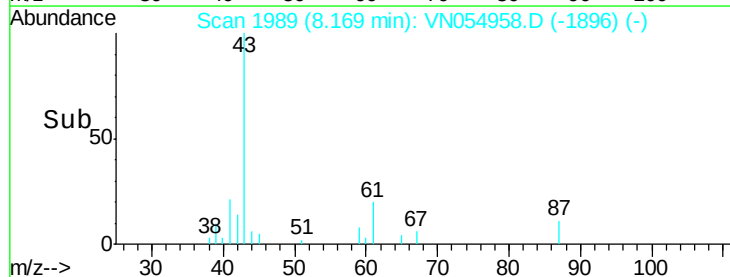
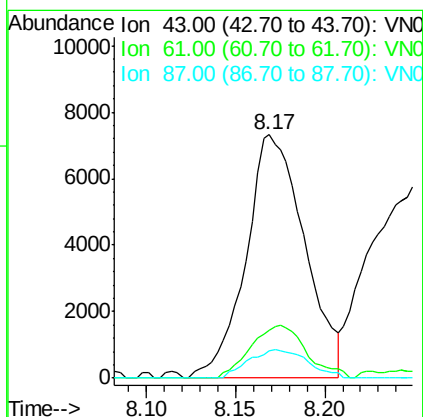
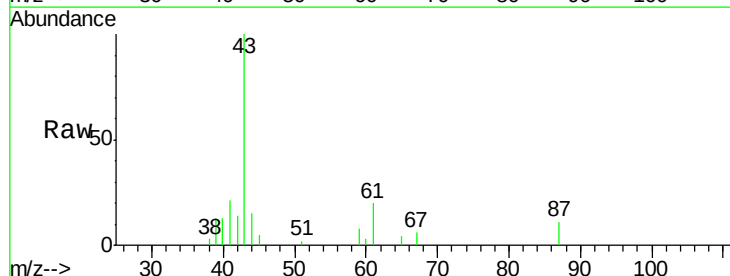
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-040319-A

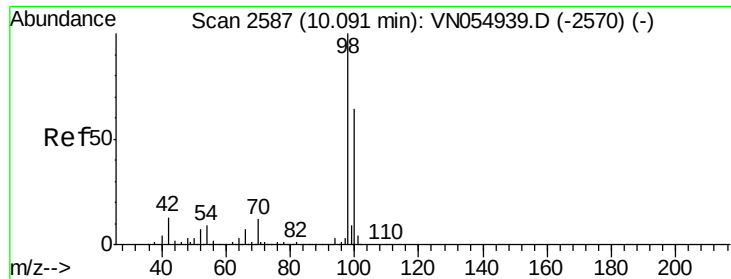
Tgt Ion: 113 Resp: 275204
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.4
 192 20.8 16.5 24.7



#43
 Isopropyl Acetate
 Concen: 1.682 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN054958.D
 Acq: 4 Apr 2019 19:57

Tgt Ion: 43 Resp: 16817
 Ion Ratio Lower Upper
 43 100
 61 20.5 14.4 21.6
 87 11.7 9.0 13.4





#50

Toluene-d8

Concen: 48.669 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054958.D

Acq: 4 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

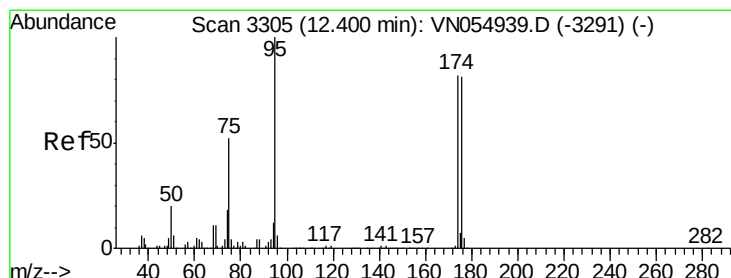
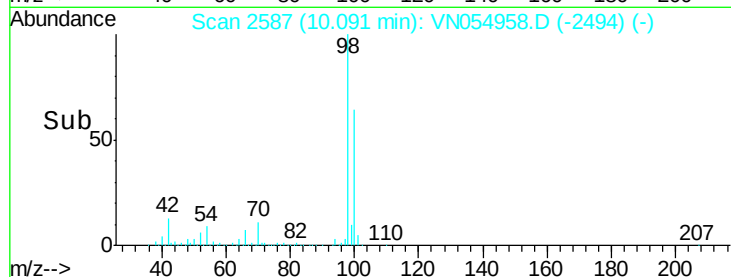
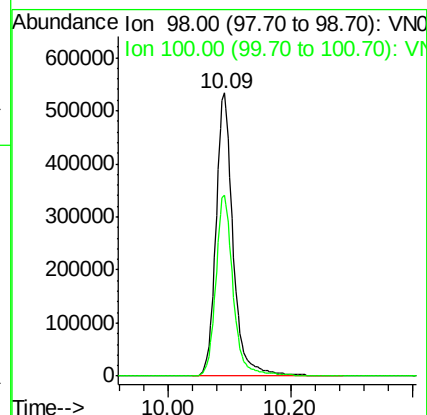
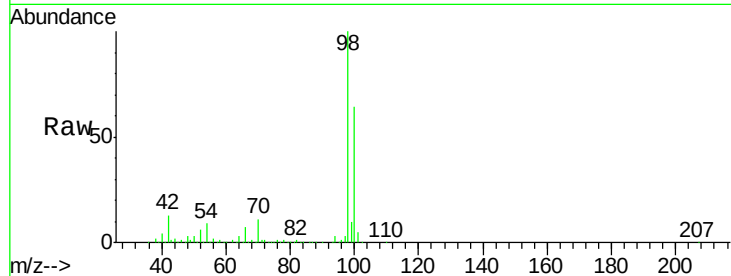
HR-06-040319-A

Tgt Ion: 98 Resp: 1048907

Ion Ratio Lower Upper

98 100

100 64.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.317 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054958.D

Acq: 4 Apr 2019 19:57

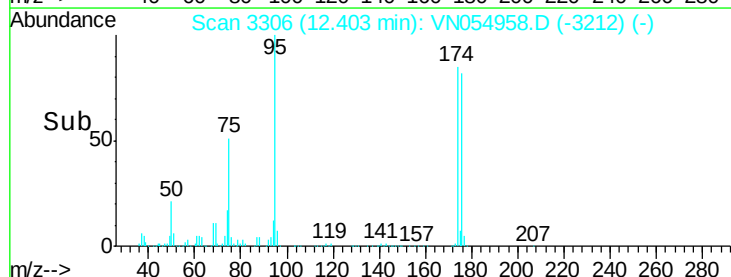
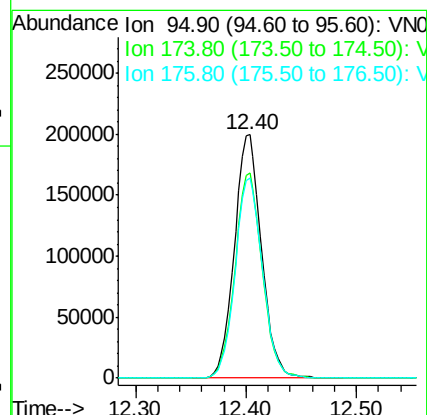
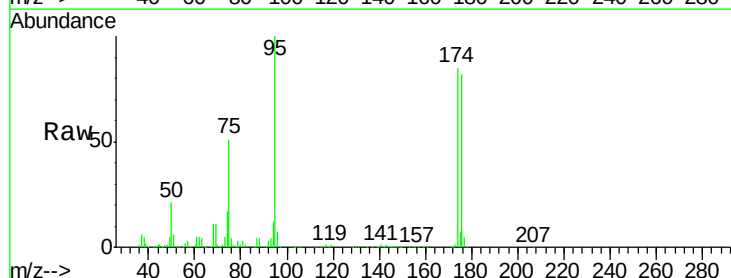
Tgt Ion: 95 Resp: 340324

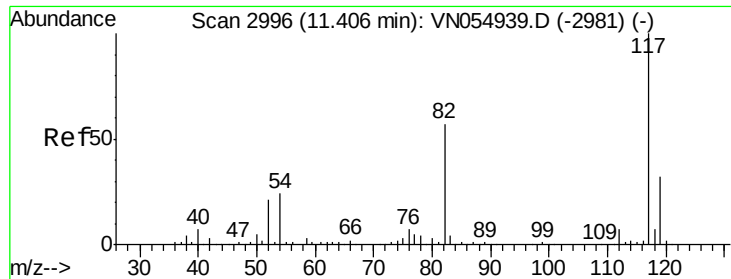
Ion Ratio Lower Upper

95 100

174 84.7 0.0 166.2

176 83.2 0.0 163.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054958.D

Acq: 4 Apr 2019 19:57

Instrument :

MSVOA_N

ClientSampled :

HR-06-040319-A

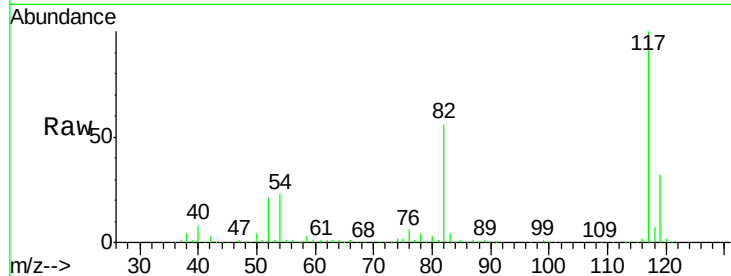
Tgt Ion:117 Resp: 760598

Ion Ratio Lower Upper

117 100

82 56.2 45.3 67.9

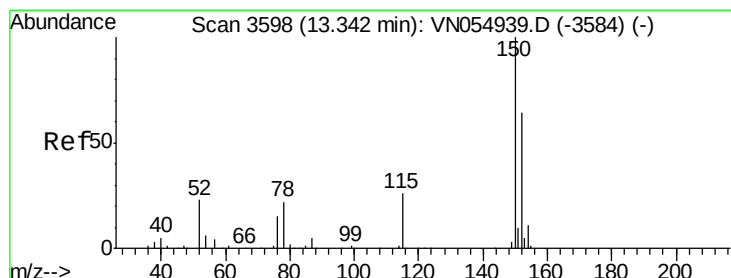
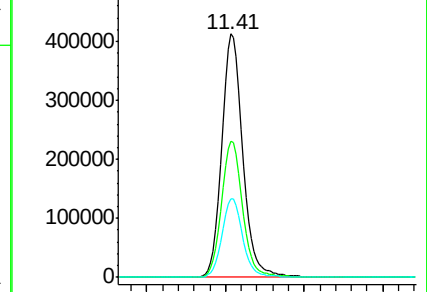
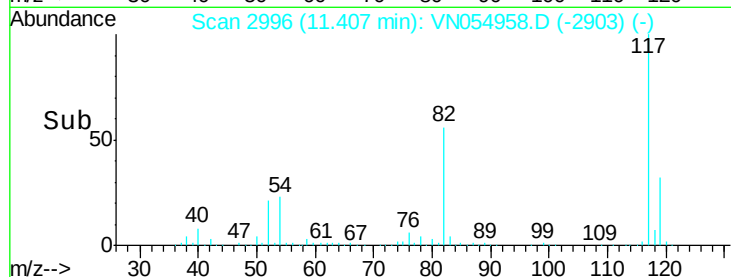
119 32.3 25.8 38.6



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: VN054958.D

Acq: 4 Apr 2019 19:57

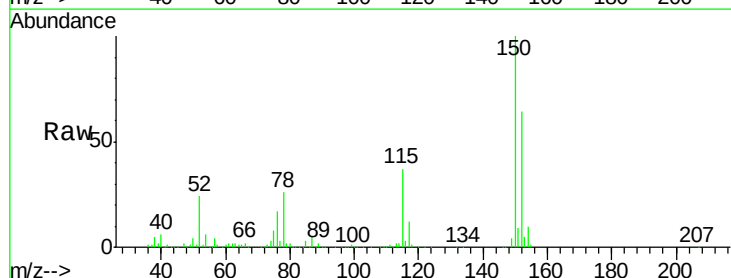
Tgt Ion:152 Resp: 306386

Ion Ratio Lower Upper

152 100

115 58.9 28.9 86.8

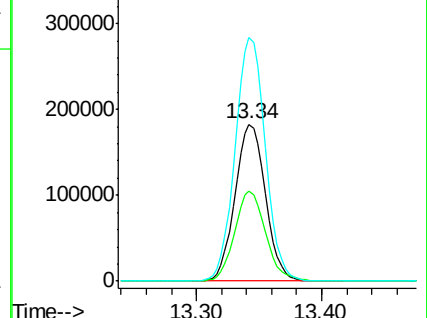
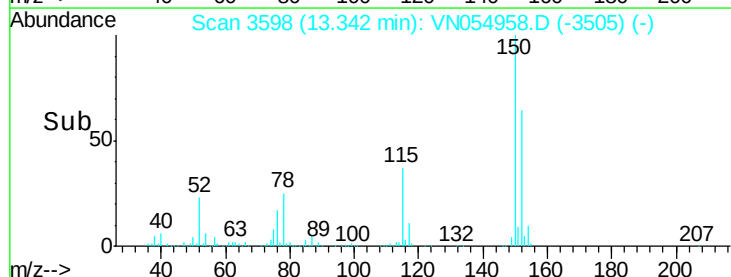
150 154.9 0.0 345.4

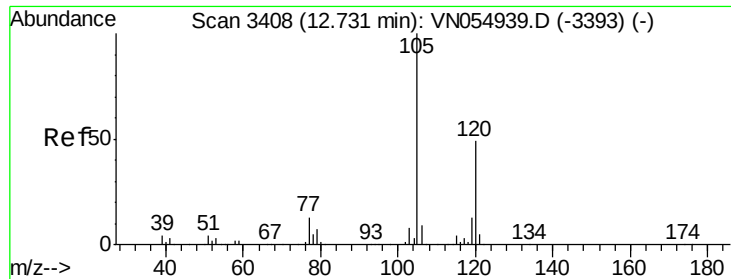


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

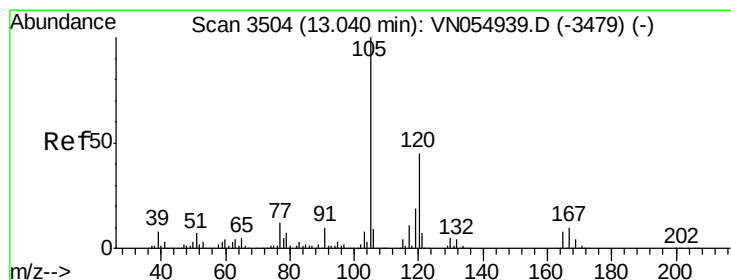
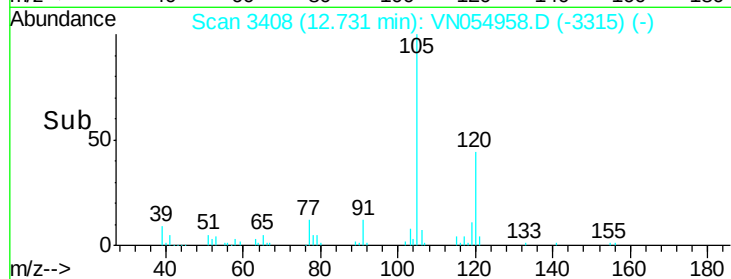
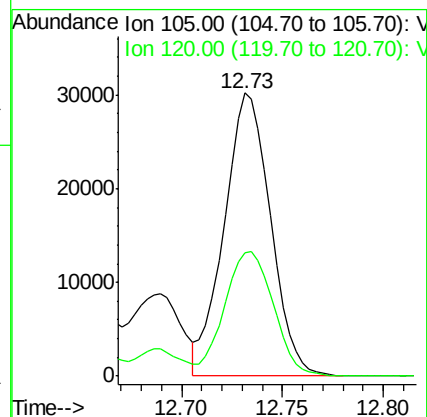
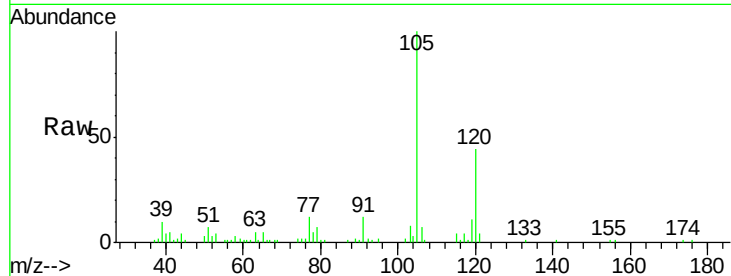




#80
 1,3,5-Trimethylbenzene
 Concen: 2.286 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN054958.D
 Acq: 4 Apr 2019 19:57

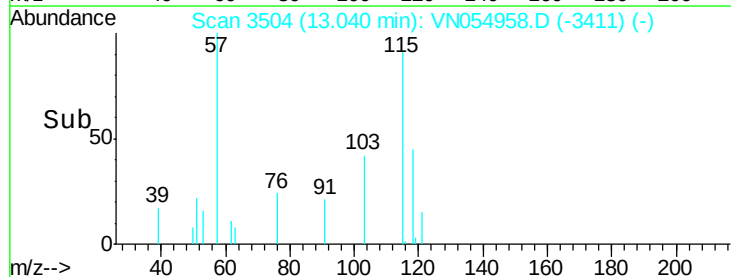
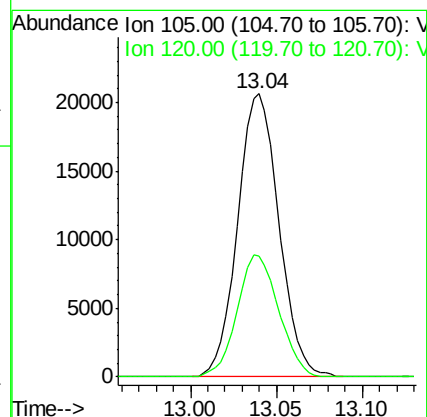
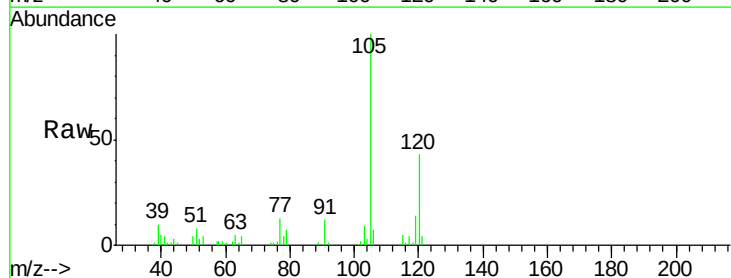
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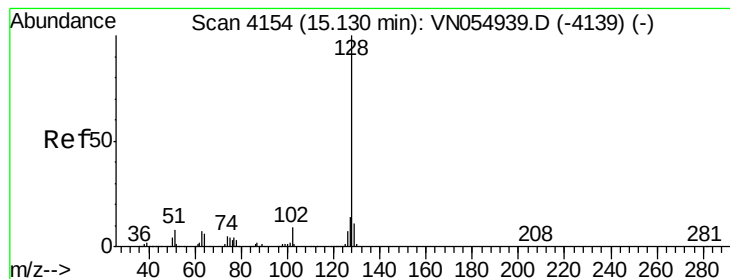
Tgt Ion:105 Resp: 48583
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1.677 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054958.D
 Acq: 4 Apr 2019 19:57

Tgt Ion:105 Resp: 34498
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.4 67.3





#95

Naphthalene

Concen: 4.569 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054958.D

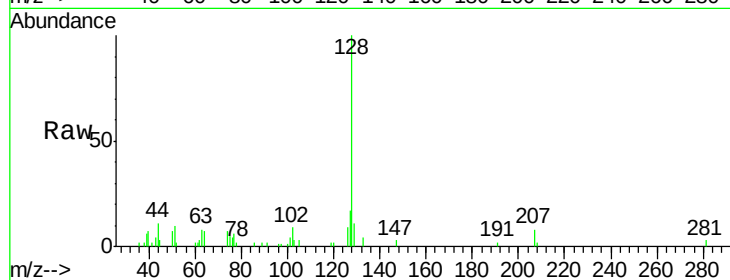
Acq: 4 Apr 2019 19:57

Instrument :

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ClientSampleId :

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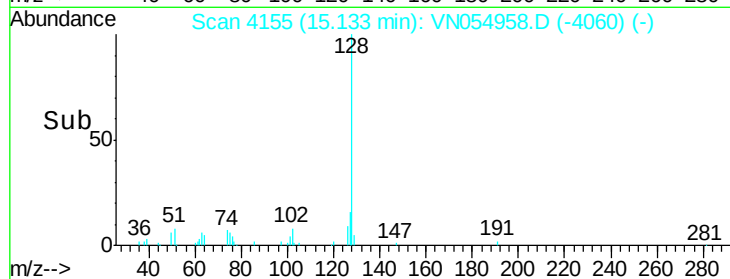
Tgt Ion:128 Resp: 20923

Ion Ratio Lower Upper

128 100

127 15.4 10.6 16.0

129 9.9 8.6 13.0



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

