

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055637.D
 Acq On : 18 May 2019 2:59
 Operator : JC/SP
 Sample : PB119798TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119798TB

Quant Time: May 18 04:39:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

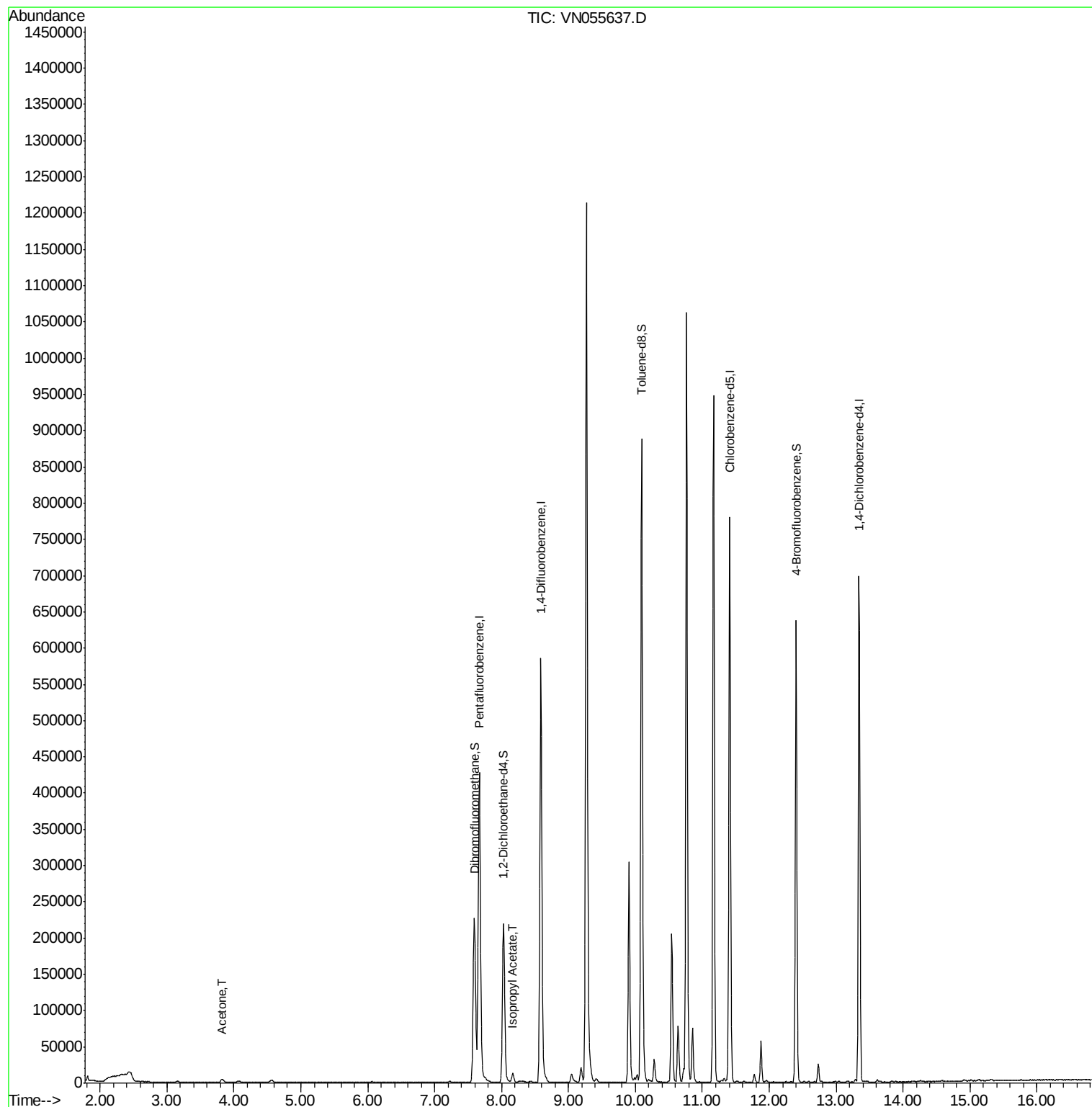
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	407323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	581860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	499543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	208800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	192572	43.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.26%	
35) Dibromofluoromethane	7.59	113	178127	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
50) Toluene-d8	10.09	98	676713	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.40	95	222453	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
Target Compounds						
16) Acetone	3.82	43	10344	5.677	ug/l #	87
43) Isopropyl Acetate	8.17	43	15765	1.936	ug/l #	89

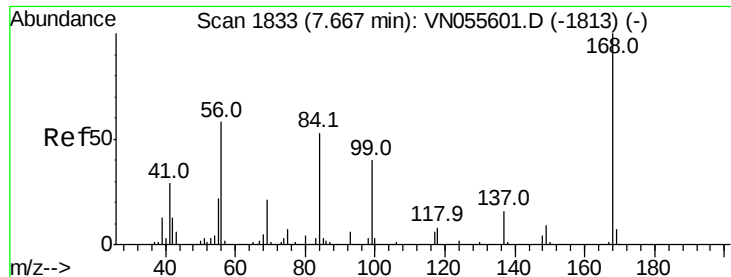
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055637.D

Acq: 18 May 2019 2:59

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MSVOA_N

ClientSampleId :

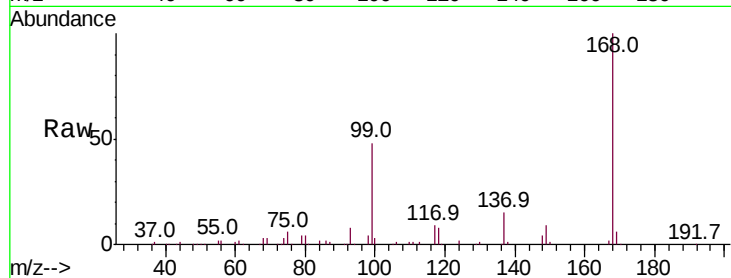
PB119798TB

Tot Ion:168 Resp: 407323

Ion Ratio Lower Upper

168 100

99 48.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1813) (-)

7.67

150000

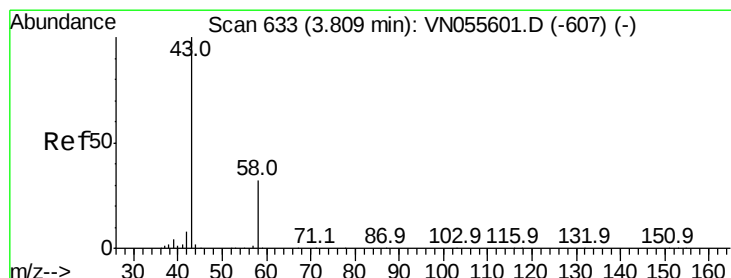
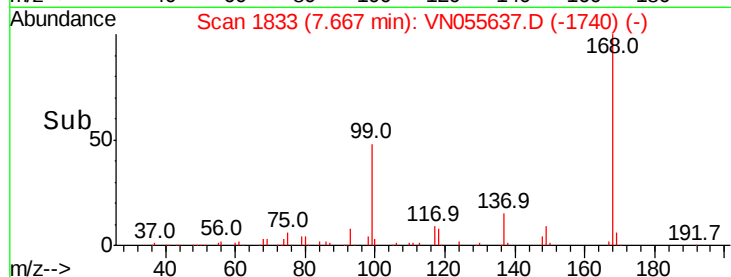
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 5.677 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN055637.D

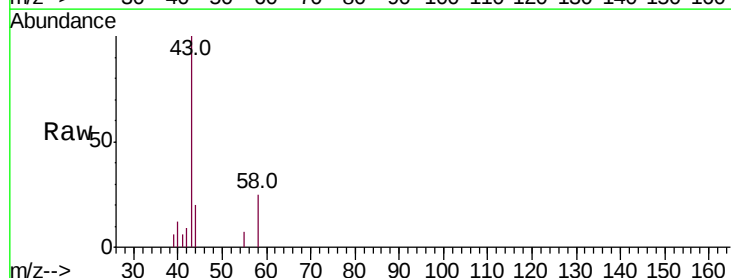
Acq: 18 May 2019 2:59

Tgt Ion: 43 Resp: 10344

Ion Ratio Lower Upper

43 100

58 25.4 26.0 39.0#



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-607) (-)

3.82

3000

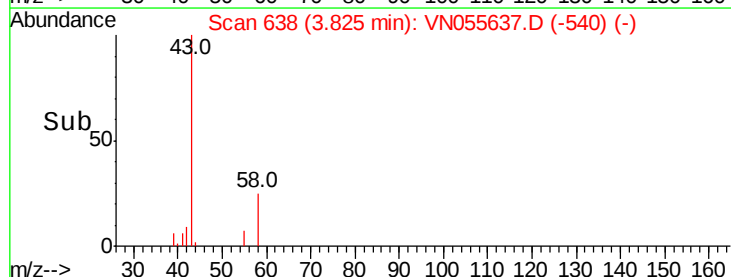
2000

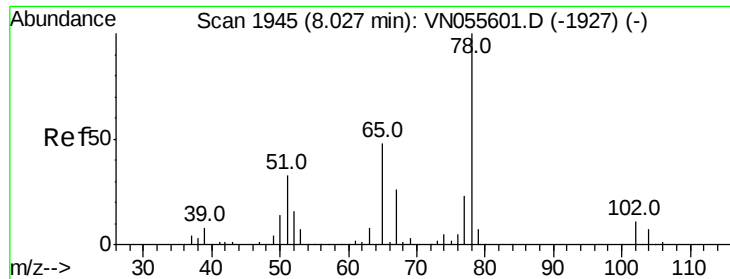
1000

0

3.70 3.80 3.90

Time-->

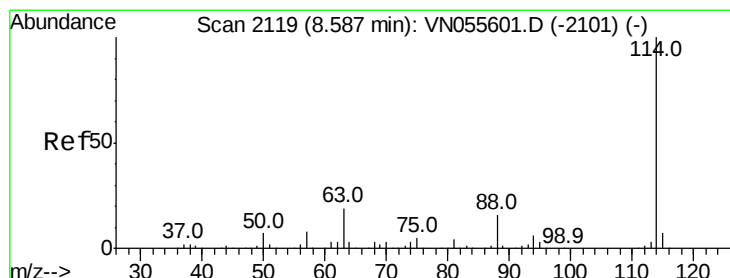
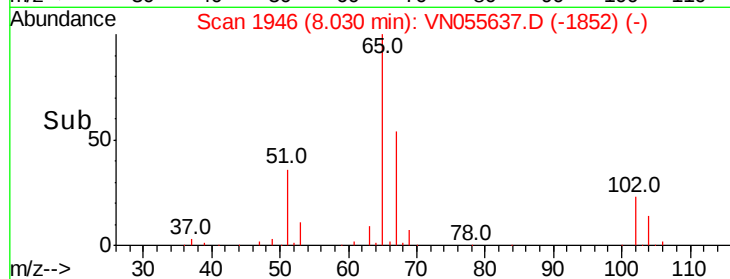
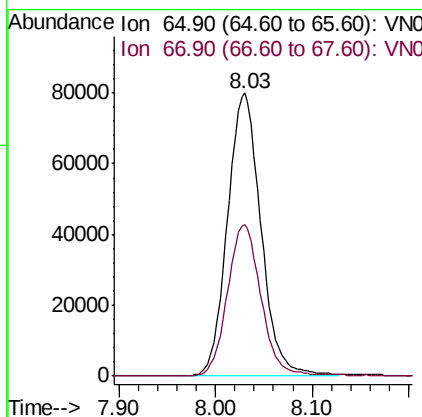
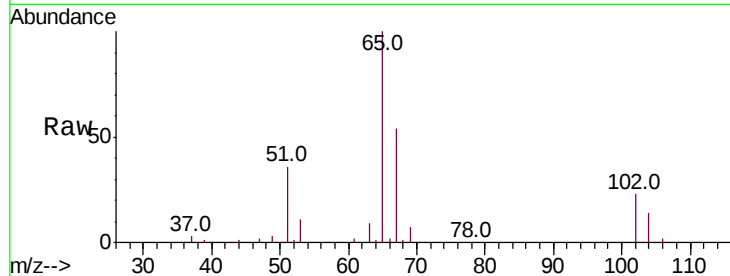




#33
 1,2-Dichloroethane-d4
 Concen: 43.128 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055637.D
 Acq: 18 May 2019 2:59

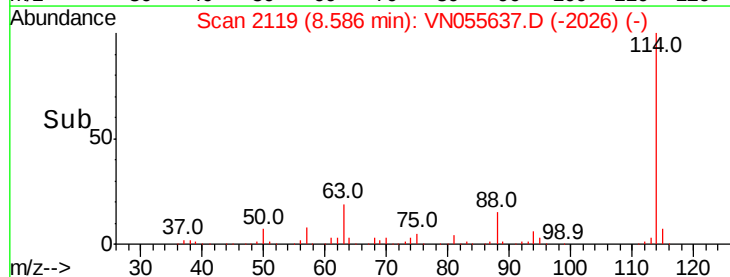
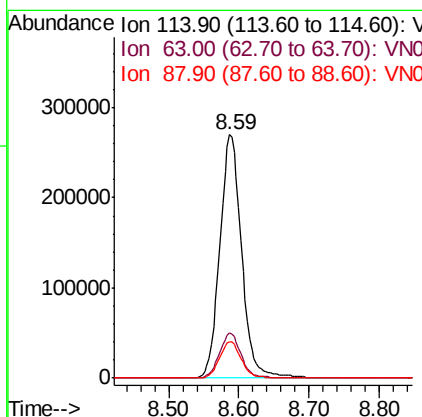
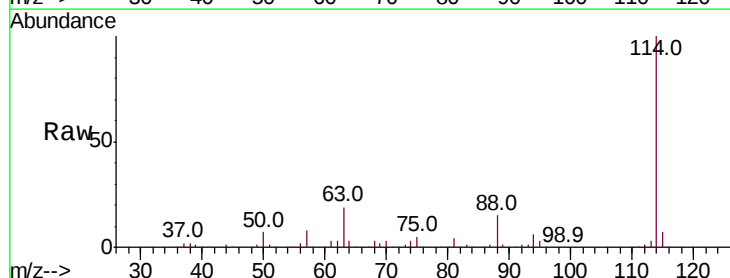
Instrument :
 MSVOA_N
 ClientSampleId :
 PB119798TB

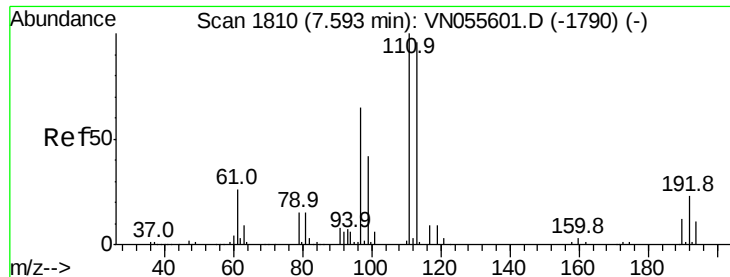
Tot Ion: 65 Resp: 192572
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055637.D
 Acq: 18 May 2019 2:59

Tgt Ion: 114 Resp: 581860
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.2
 88 15.1 0.0 31.0

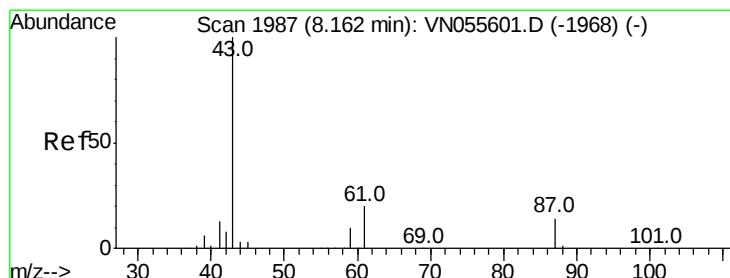
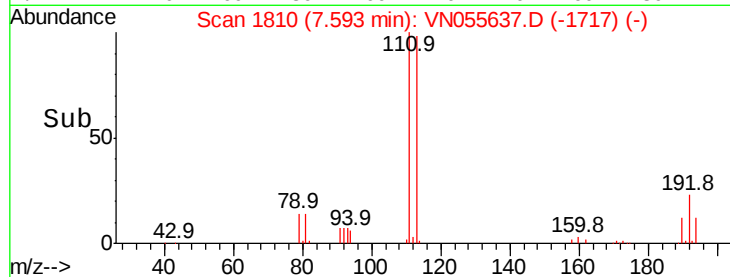
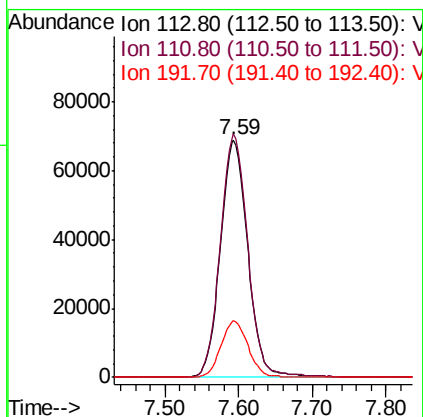
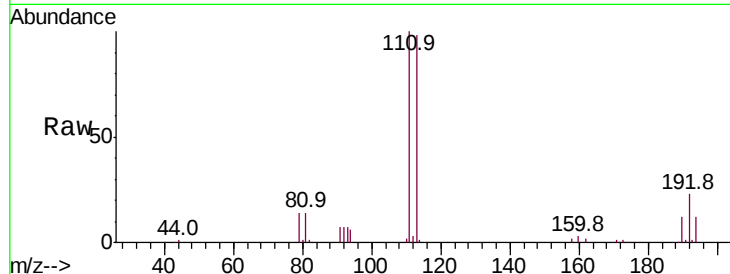




#35
 Dibromofluoromethane
 Concen: 48.191 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055637.D
 Acq: 18 May 2019 2:59

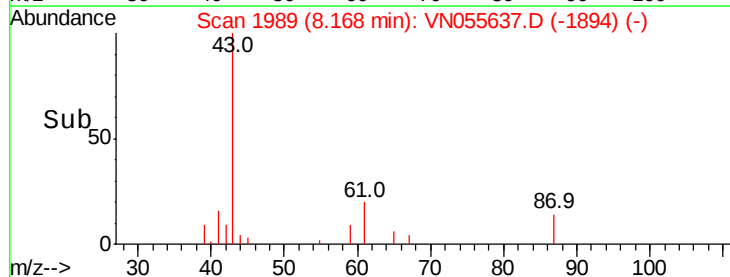
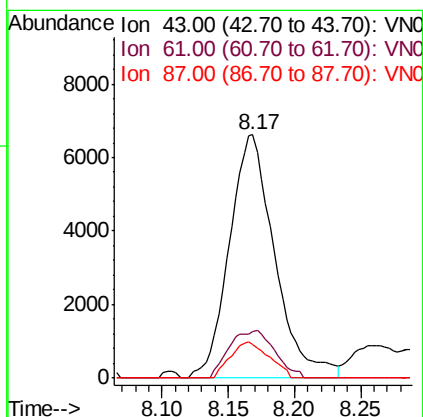
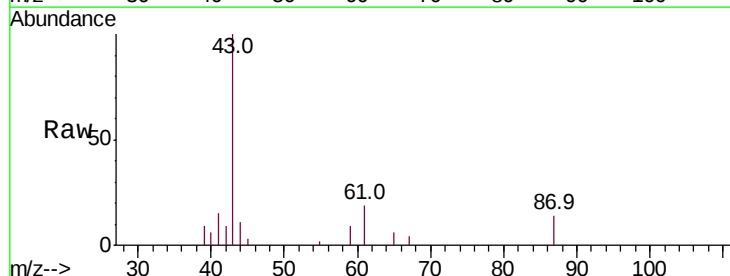
Instrument :
 MSVOA_N
 ClientSampleId :
 PB119798TB

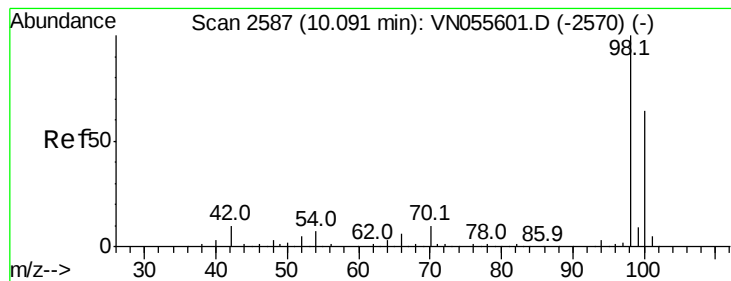
Tot Ion:113 Resp: 178127
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.5 123.7
 192 23.6 18.7 28.1



#43
 Isopropyl Acetate
 Concen: 1.936 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN055637.D
 Acq: 18 May 2019 2:59

Tgt Ion: 43 Resp: 15765
 Ion Ratio Lower Upper
 43 100
 61 19.7 22.1 33.1#
 87 12.7 11.8 17.6





#50

Toluene-d8

Concen: 48.420 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

ClientSampleId :

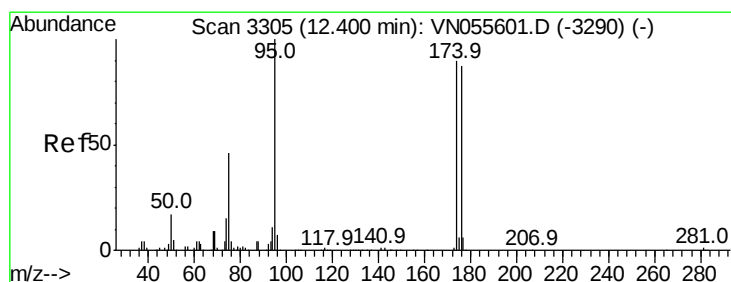
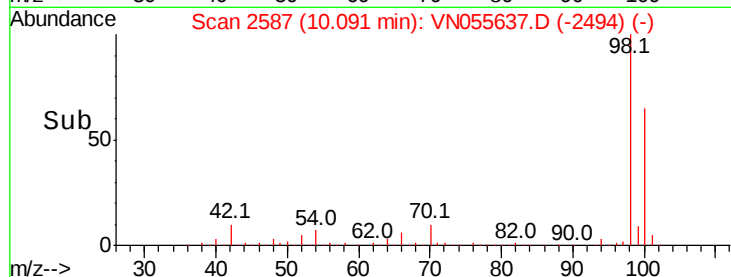
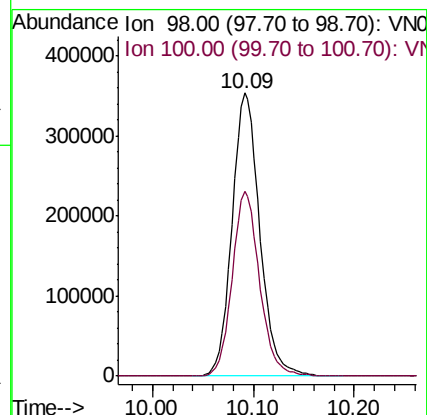
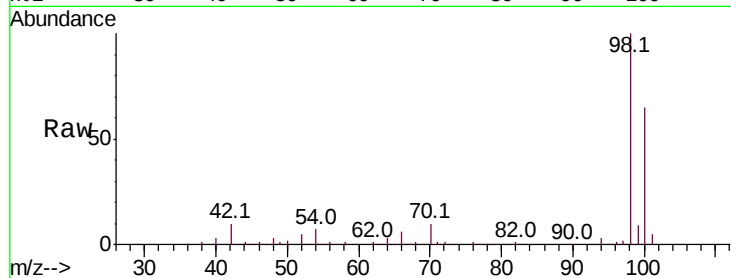
PB119798TB

Tot Ion: 98 Resp: 676713

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 46.094 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

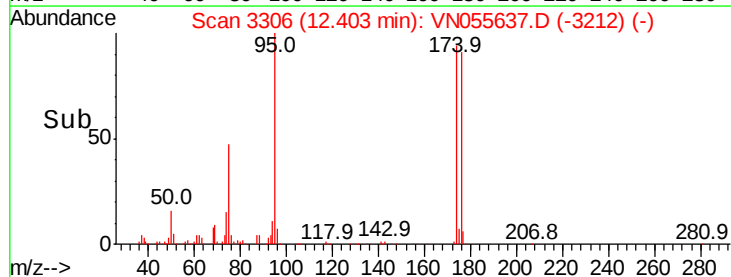
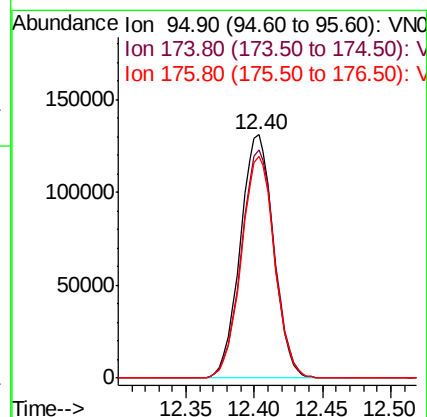
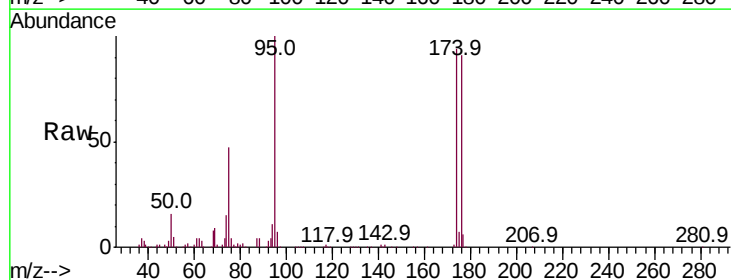
Tgt Ion: 95 Resp: 222453

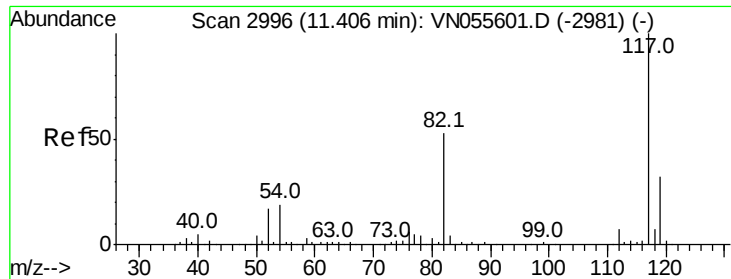
Ion Ratio Lower Upper

95 100

174 94.0 0.0 180.6

176 90.8 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055637.D

Acq: 18 May 2019 2:59

Instrument :

MSVOA_N

ClientSampleId :

PB119798TB

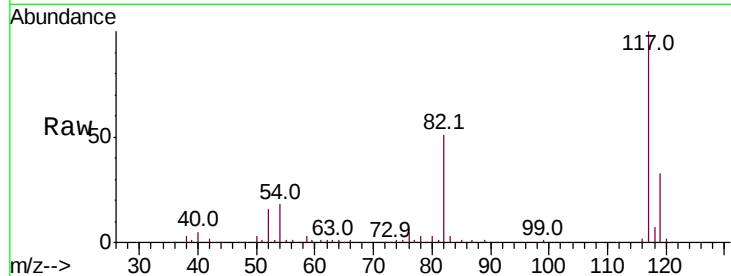
Tot Ion:117 Resp: 499543

Ion Ratio Lower Upper

117 100

82 51.2 42.3 63.5

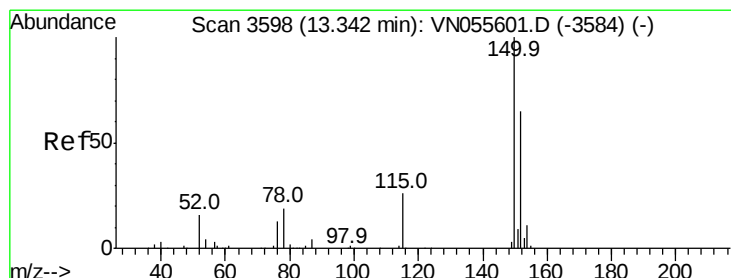
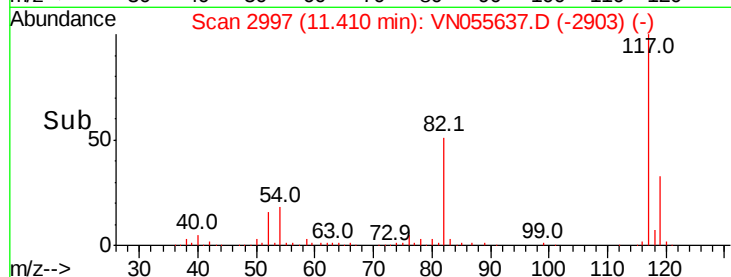
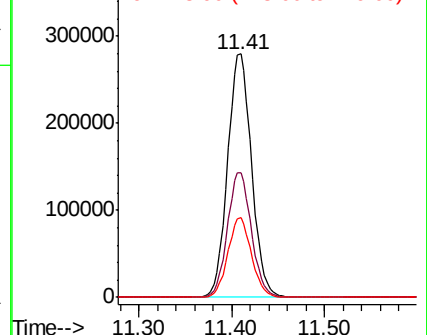
119 32.6 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN055637.D

Acq: 18 May 2019 2:59

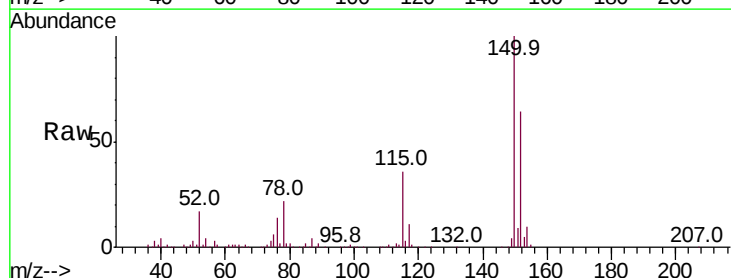
Tgt Ion:152 Resp: 208800

Ion Ratio Lower Upper

152 100

115 54.4 28.1 84.2

150 155.5 0.0 348.0



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

