

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053957.D
 Acq On : 26 Feb 2019 16:11
 Operator : JC/SP
 Sample : PB117375TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375TB

Quant Time: Feb 27 03:06:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

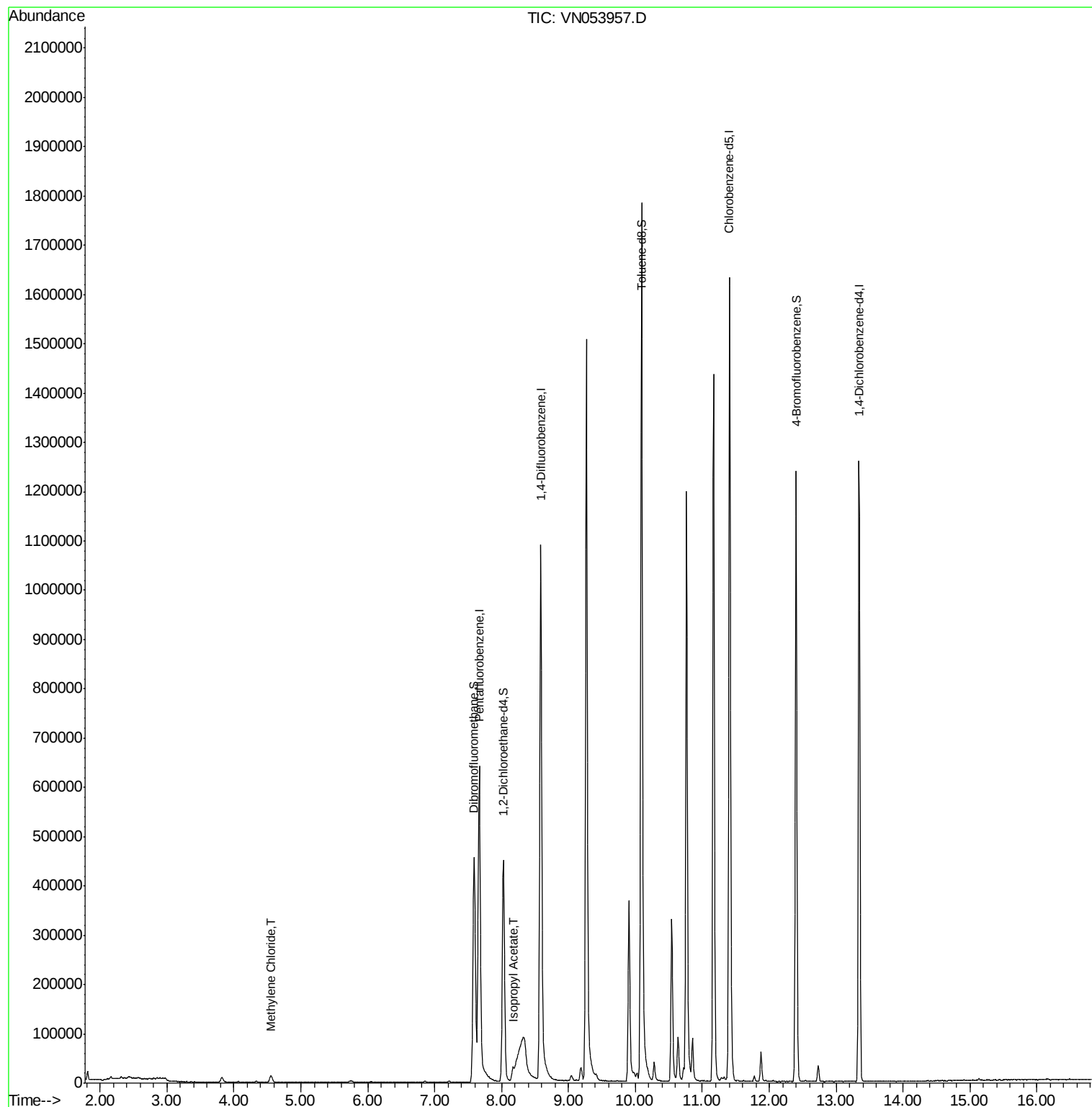
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	579385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1092753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1032031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	355362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	388303	57.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.34%	
35) Dibromofluoromethane	7.59	113	356538	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
50) Toluene-d8	10.09	98	1374997	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.40	95	429502	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
Target Compounds						
20) Methylene Chloride	4.55	84	9512	1.415	ug/l	87
43) Isopropyl Acetate	8.17	43	37148	3.032	ug/l #	64

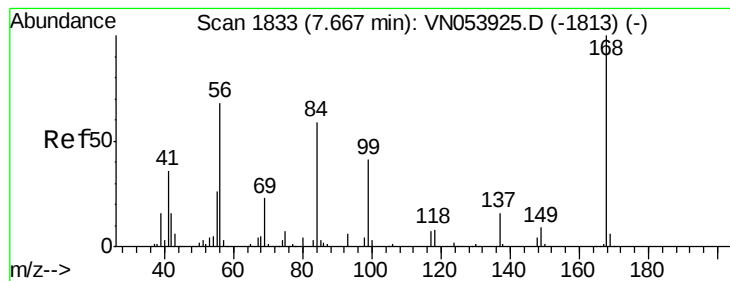
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053957.D

Acq: 26 Feb 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

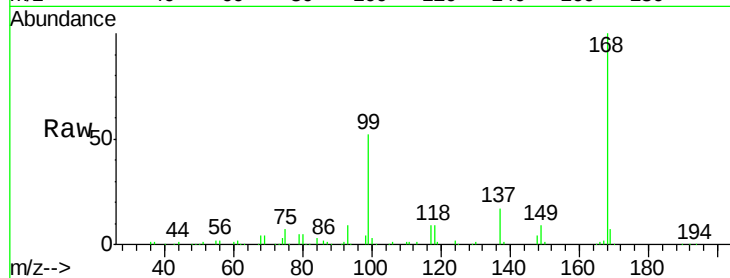
PB117375TB

Tgt Ion:168 Resp: 579385

Ion Ratio Lower Upper

168 100

99 52.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

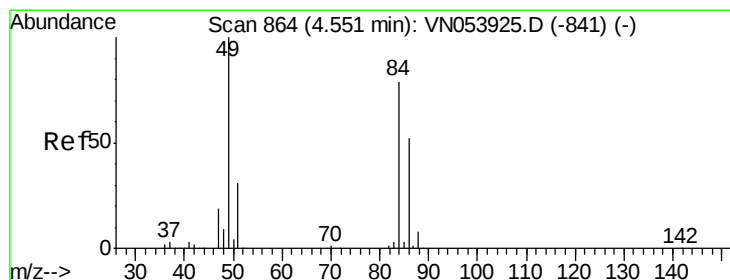
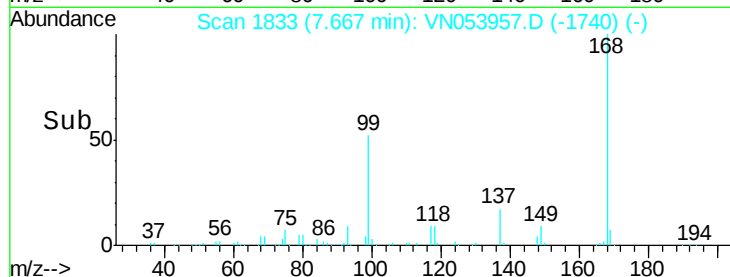
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.415 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN053957.D

Acq: 26 Feb 2019 16:11

Tgt Ion: 84 Resp: 9512

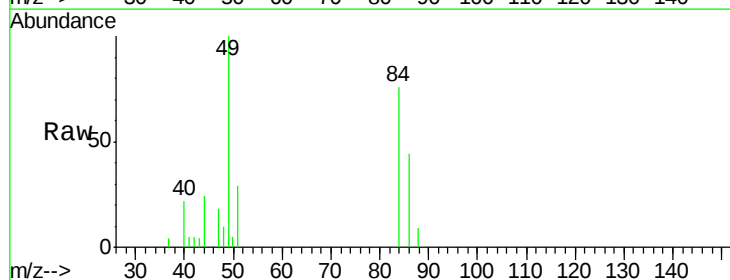
Ion Ratio Lower Upper

84 100

49 131.2 89.7 134.5

51 37.8 27.8 41.8

86 57.9 51.3 76.9



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

4.55

6000

5000

4000

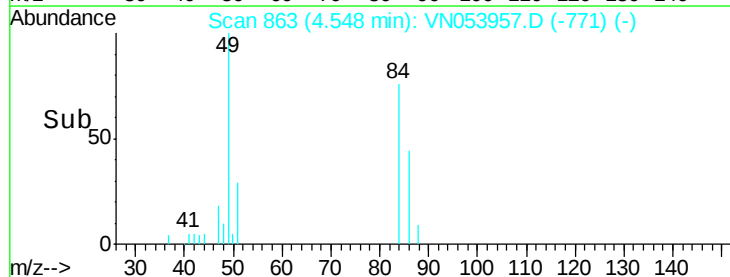
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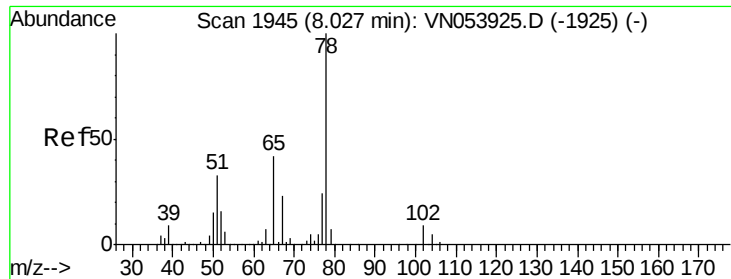
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1000

0

Time-->

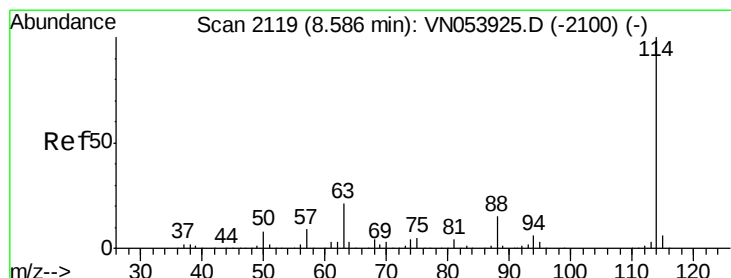
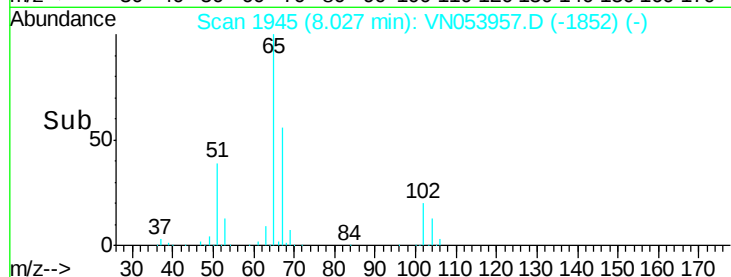
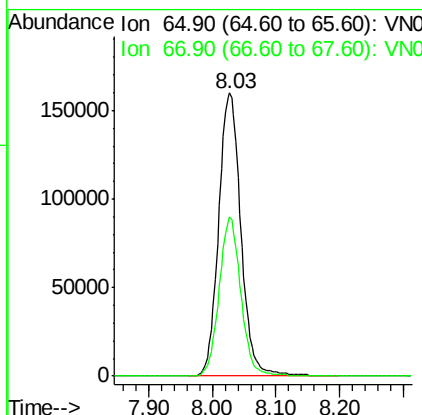
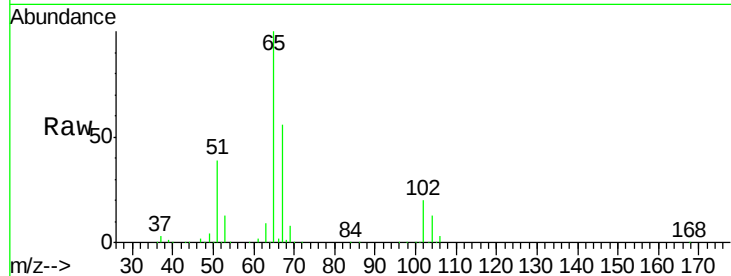




#33
 1,2-Dichloroethane-d4
 Concen: 57.173 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053957.D
 Acq: 26 Feb 2019 16:11

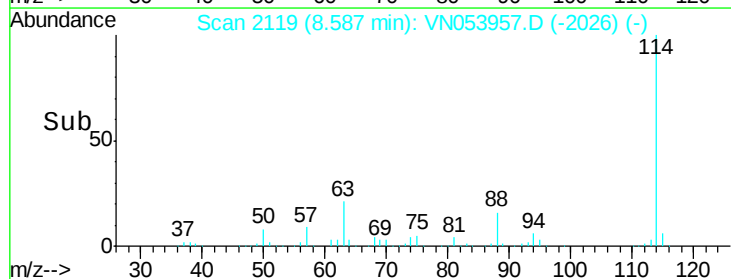
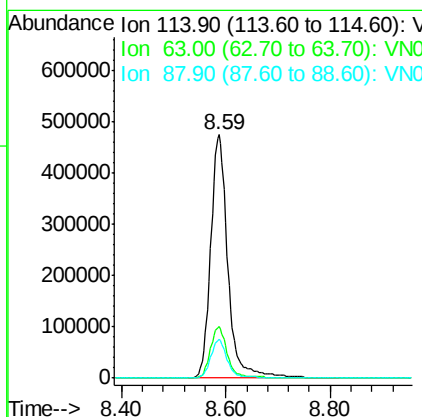
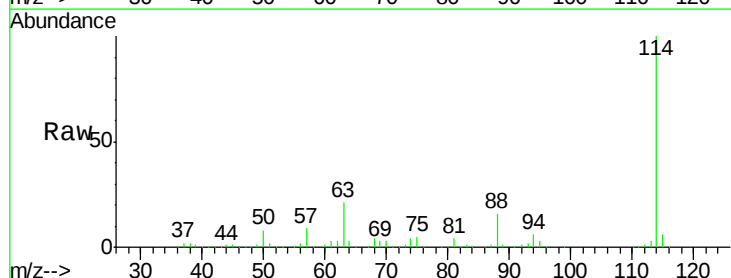
Instrument :
 MSVOA_N
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 PB117375TB

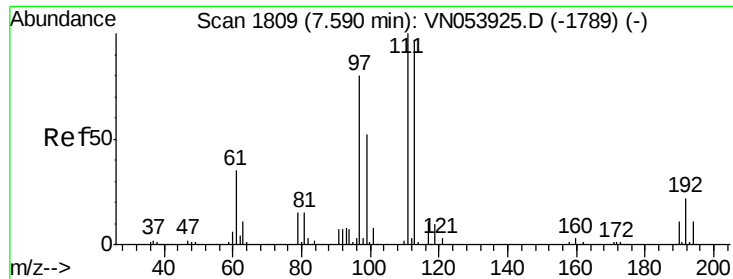
Tgt Ion: 65 Resp: 388303
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053957.D
 Acq: 26 Feb 2019 16:11

Tgt Ion: 114 Resp: 1092753
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.4
 88 15.7 0.0 30.4

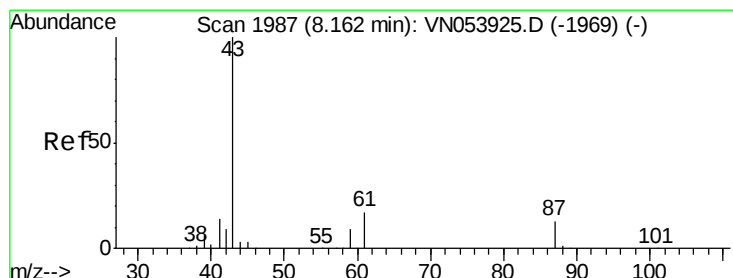
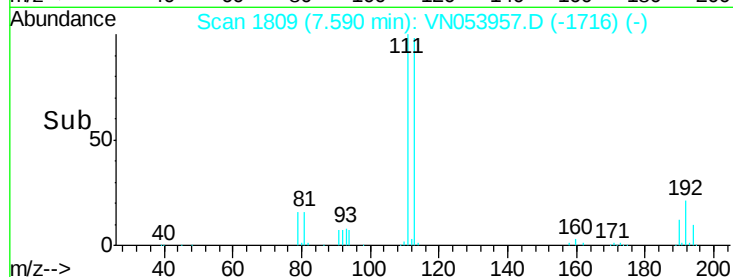
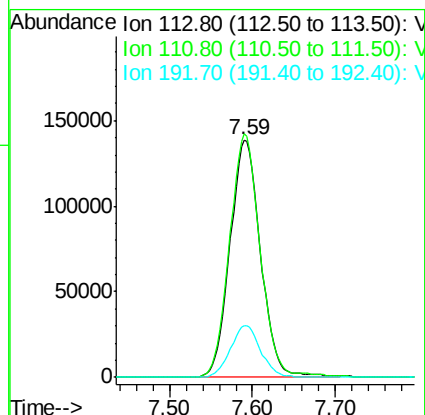
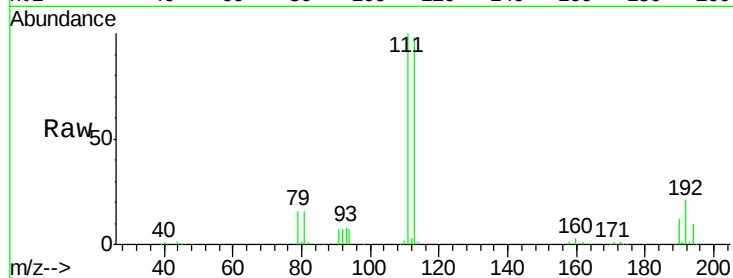




#35
 Dibromofluoromethane
 Concen: 50.456 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053957.D
 Acq: 26 Feb 2019 16:11

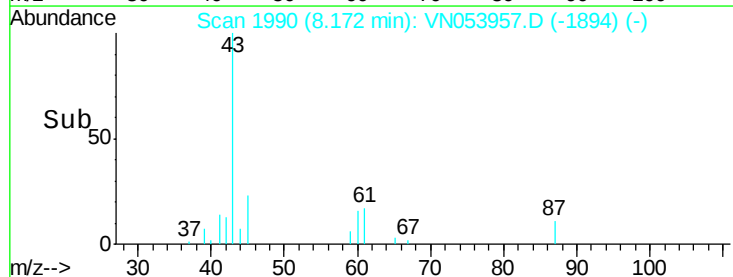
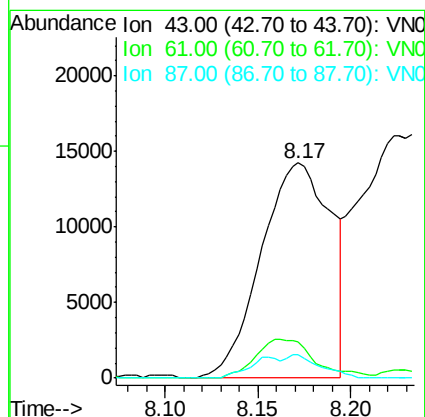
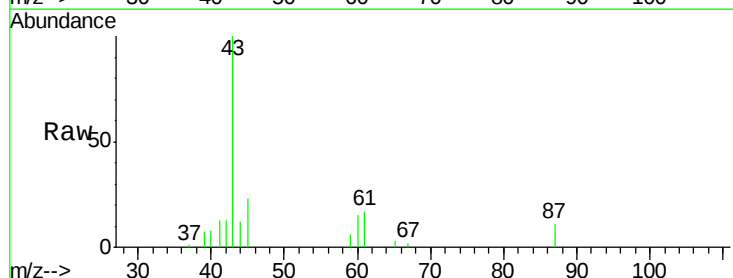
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375TB

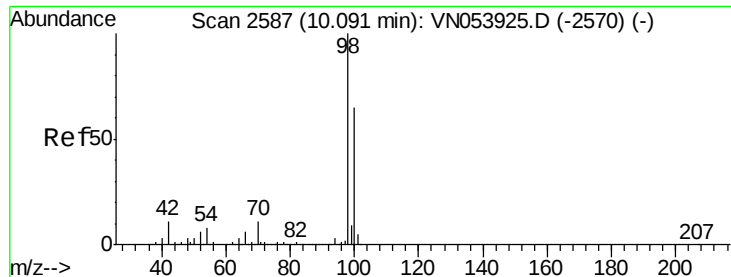
Tgt Ion: 113 Resp: 356538
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.1 121.7
 192 21.5 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 3.032 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN053957.D
 Acq: 26 Feb 2019 16:11

Tgt Ion: 43 Resp: 37148
 Ion Ratio Lower Upper
 43 100
 61 0.0 17.4 26.0#
 87 5.4 11.5 17.3#





#50

Toluene-d8

Concen: 52.271 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053957.D

Acq: 26 Feb 2019 16:11

Instrument :

MSVOA_N

ClientSampleId :

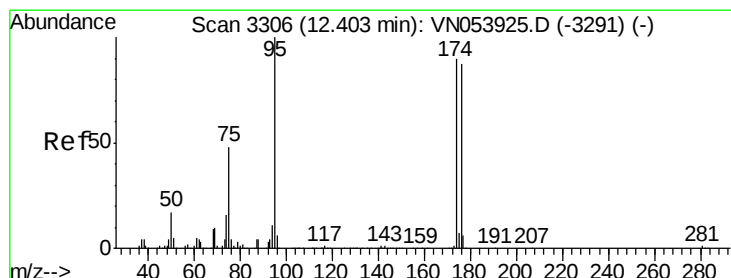
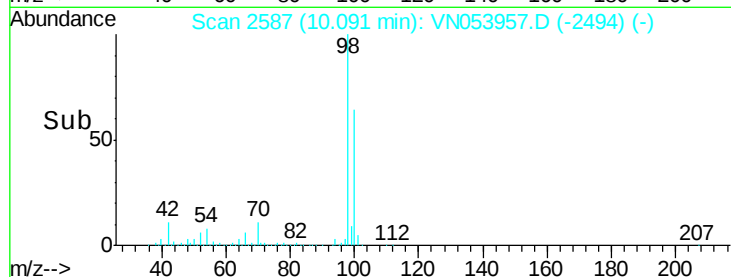
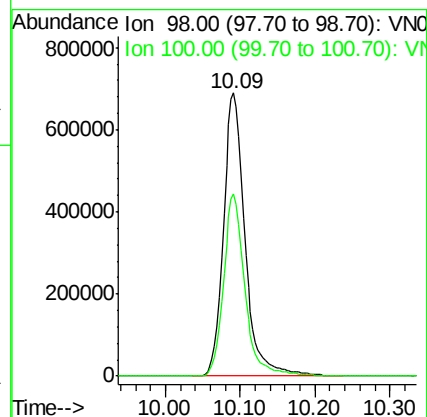
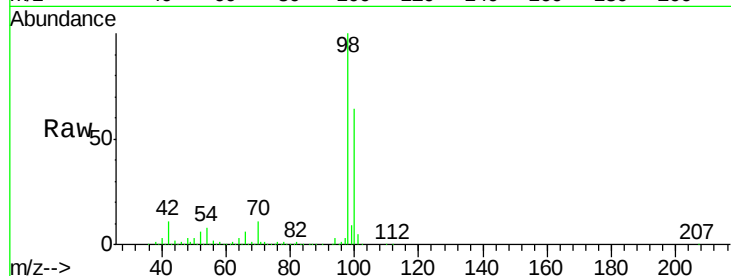
PB117375TB

Tgt Ion: 98 Resp: 1374997

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 49.007 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053957.D

Acq: 26 Feb 2019 16:11

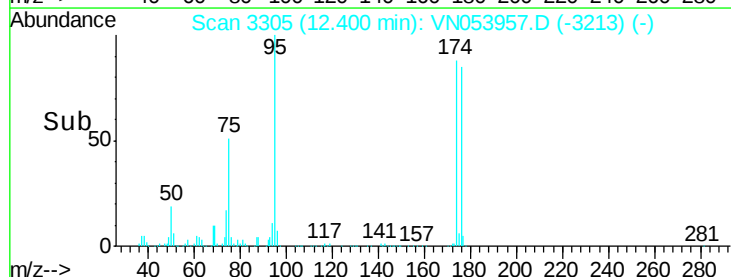
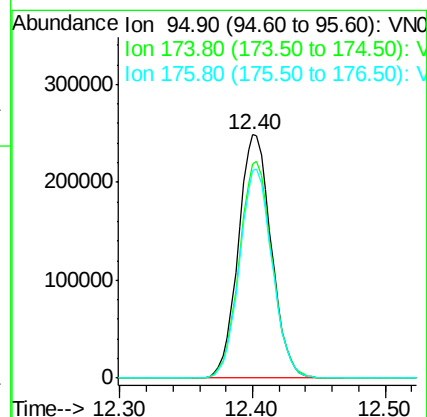
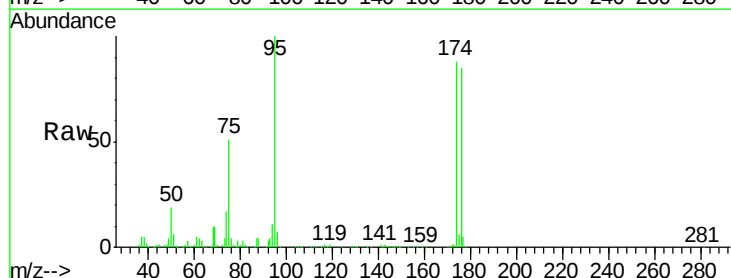
Tgt Ion: 95 Resp: 429502

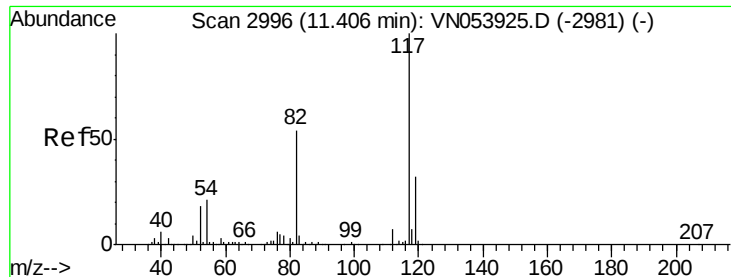
Ion Ratio Lower Upper

95 100

174 88.8 0.0 188.8

176 85.3 0.0 182.6

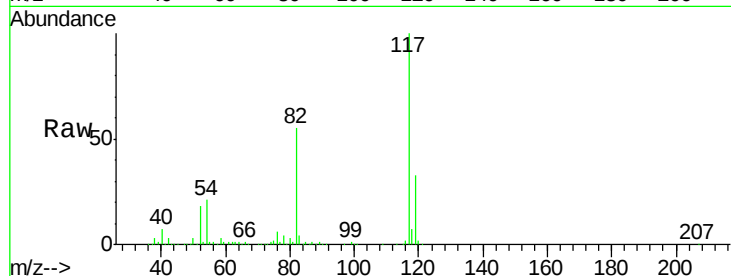




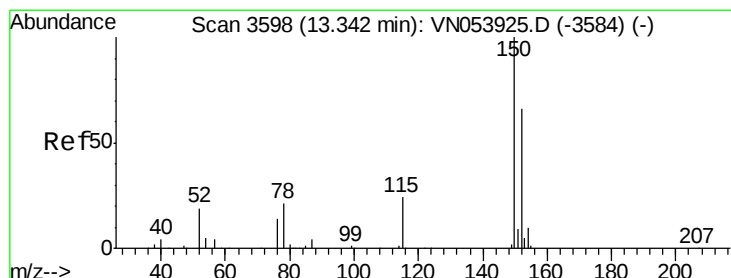
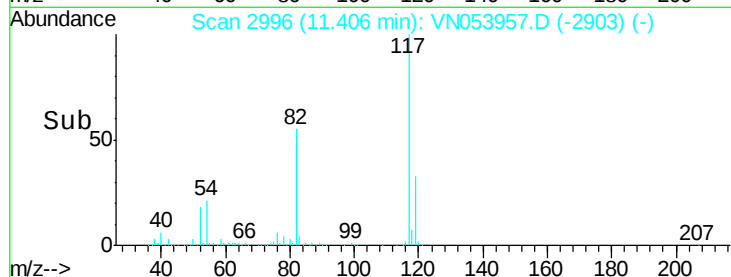
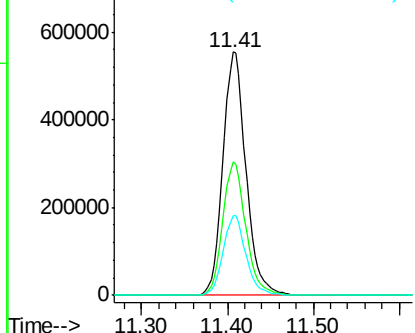
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053957.D
Acq: 26 Feb 2019 16:11

Instrument :
MSVOA_N
ClientSampleId :
PB117375TB

Tgt Ion:117 Resp: 1032031
Ion Ratio Lower Upper
117 100
82 54.7 41.4 62.2
119 32.6 25.3 37.9

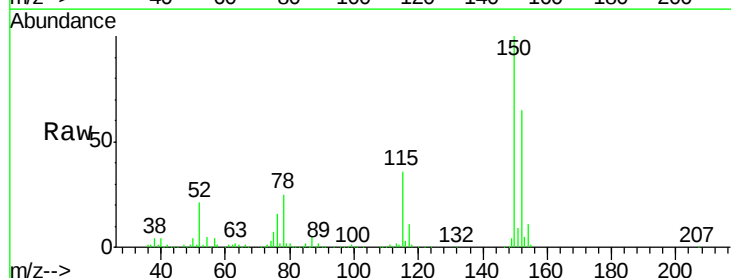


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053957.D
Acq: 26 Feb 2019 16:11

Tgt Ion:152 Resp: 355362
Ion Ratio Lower Upper
152 100
115 56.3 27.2 81.6
150 155.6 0.0 348.2



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

