

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053958.D
 Acq On : 26 Feb 2019 16:37
 Operator : JC/SP
 Sample : PB117375ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#01

Quant Time: Feb 27 03:08:16 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

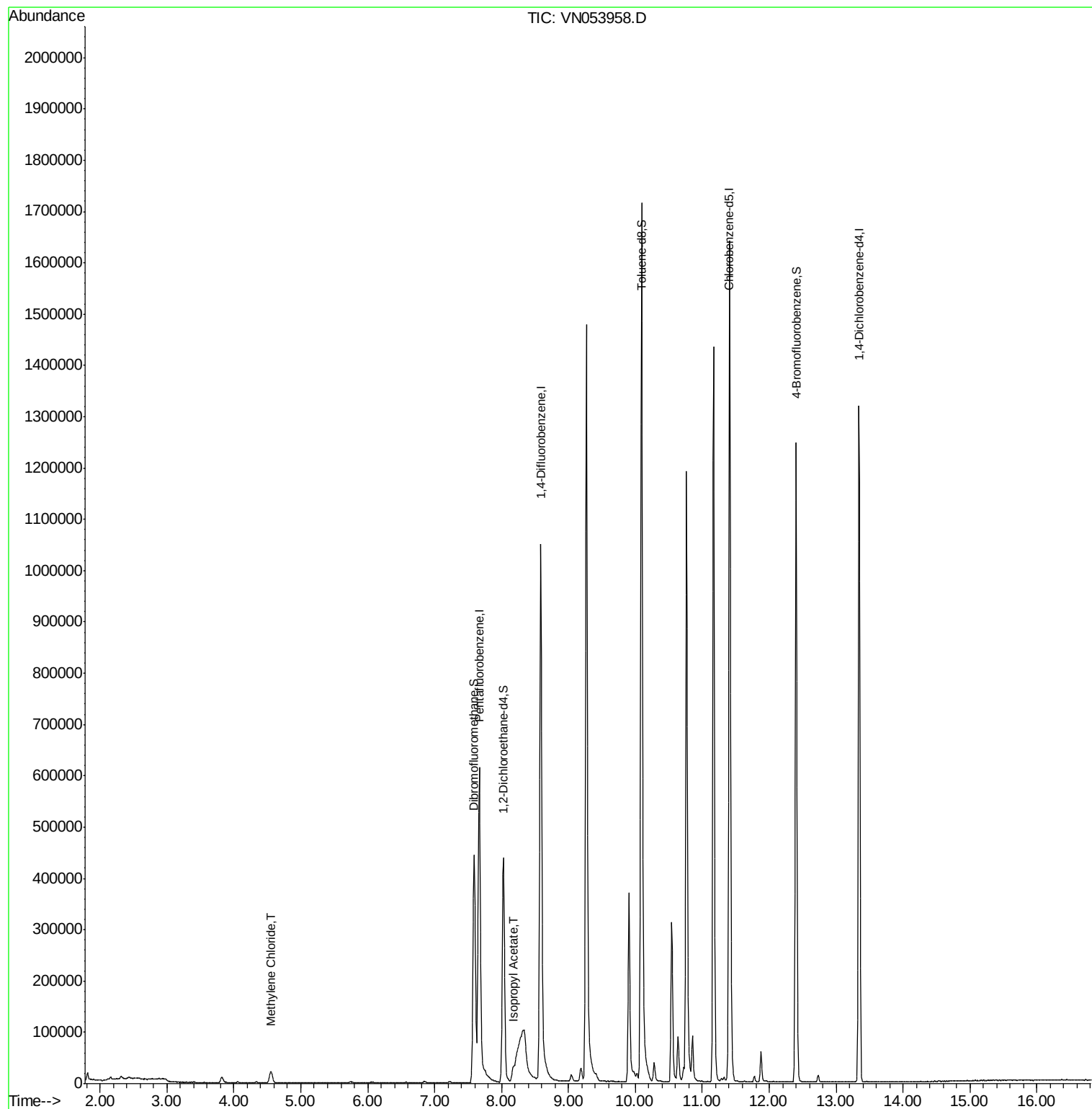
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	573250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1075958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1032486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	370475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	377742	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
35) Dibromofluoromethane	7.59	113	346793	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.09	98	1352195	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.40	95	441583	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
Target Compounds						
20) Methylene Chloride	4.55	84	16289	2.449	ug/l #	91
43) Isopropyl Acetate	8.17	43	37079	3.074	ug/l #	87

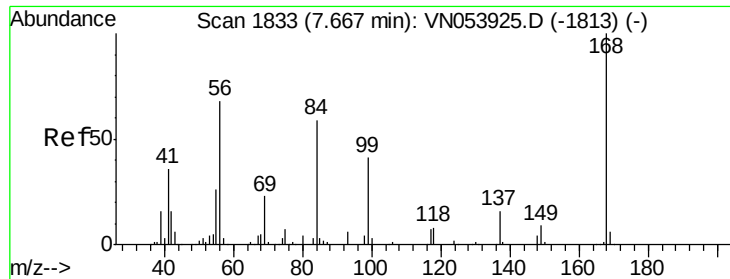
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053958.D

Acq: 26 Feb 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

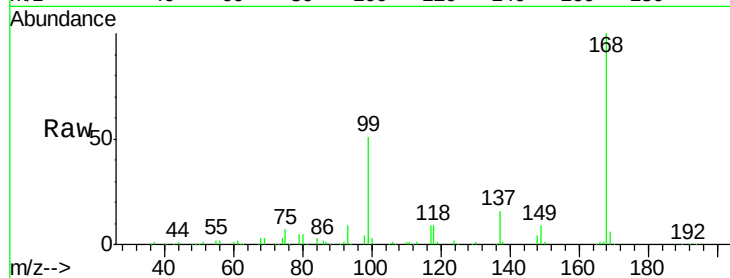
PB117375ZHE#01

Tgt Ion:168 Resp: 573250

Ion Ratio Lower Upper

168 100

99 51.1 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

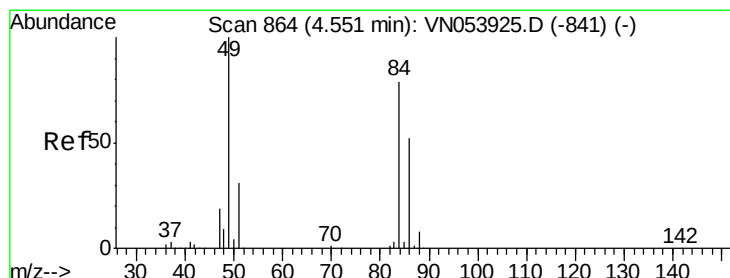
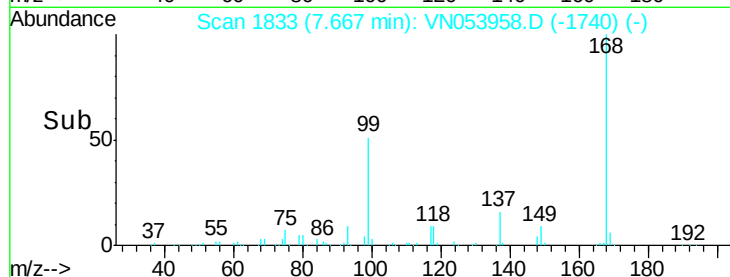
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.449 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053958.D

Acq: 26 Feb 2019 16:37

Tgt Ion: 84 Resp: 16289

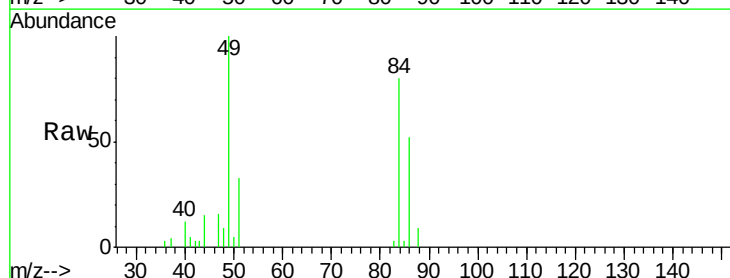
Ion Ratio Lower Upper

84 100

49 125.5 89.7 134.5

51 42.0 27.8 41.8#

86 65.3 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

10000

8000

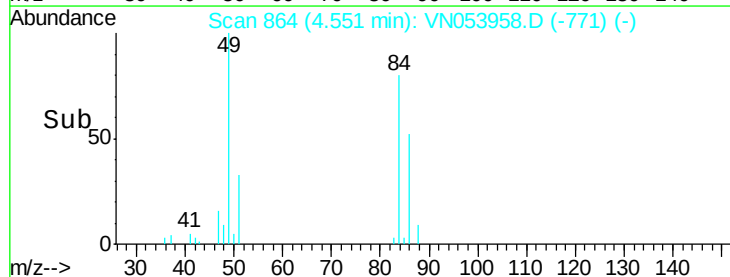
6000

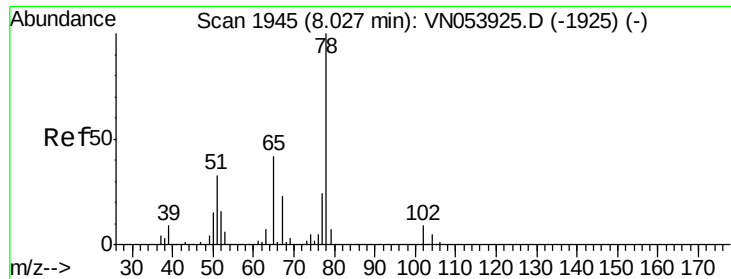
4000

2000

0

Time-->

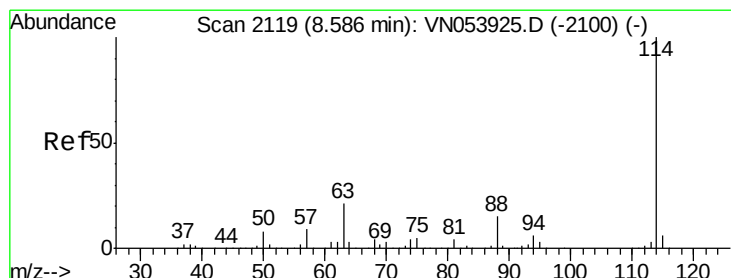
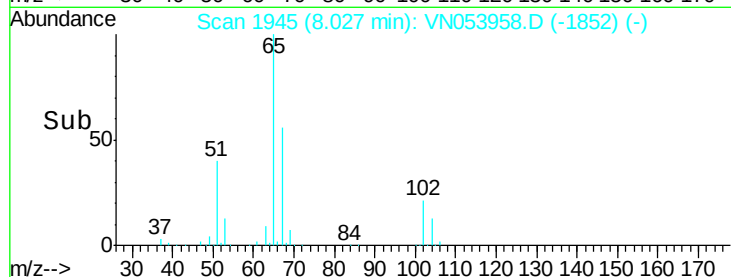
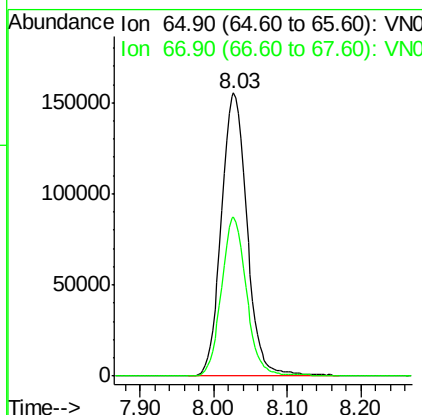
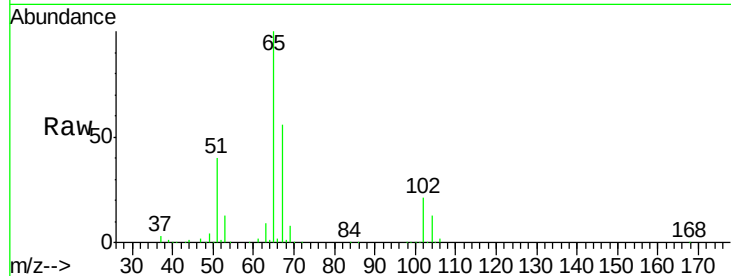




#33
 1,2-Dichloroethane-d4
 Concen: 56.214 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053958.D
 Acq: 26 Feb 2019 16:37

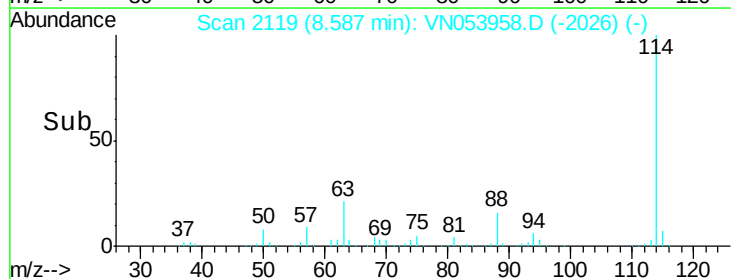
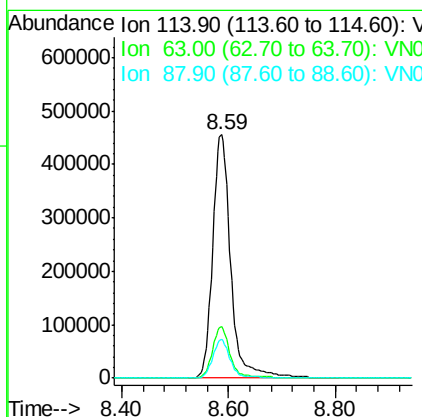
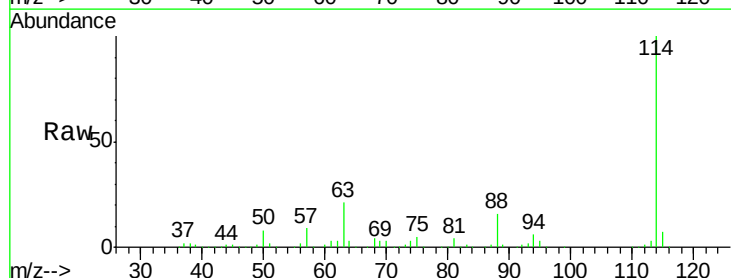
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#01

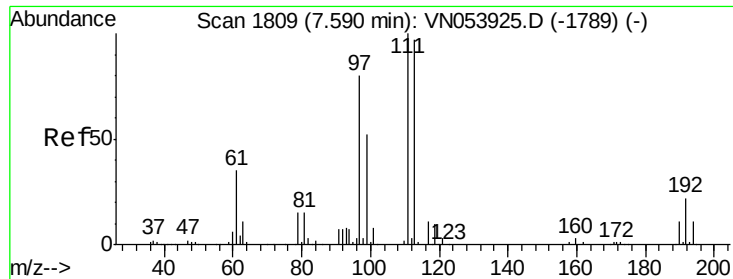
Tgt Ion: 65 Resp: 377742
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053958.D
 Acq: 26 Feb 2019 16:37

Tgt Ion: 114 Resp: 1075958
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.4
 88 15.9 0.0 30.4

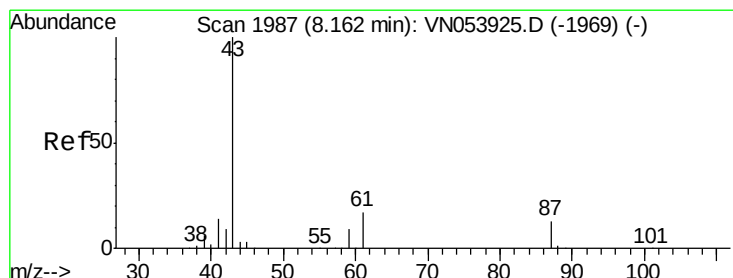
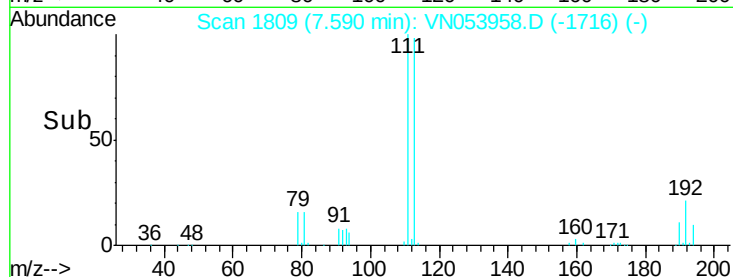
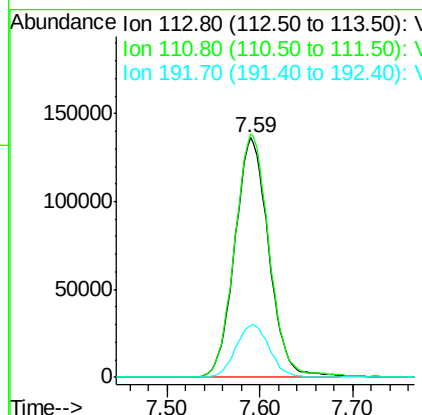
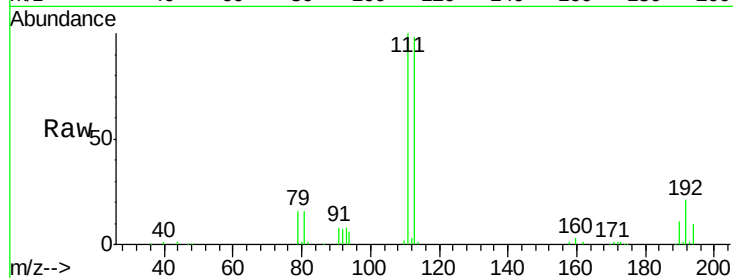




#35
 Dibromofluoromethane
 Concen: 49.843 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053958.D
 Acq: 26 Feb 2019 16:37

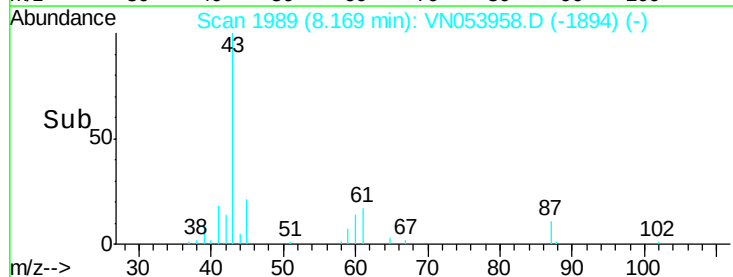
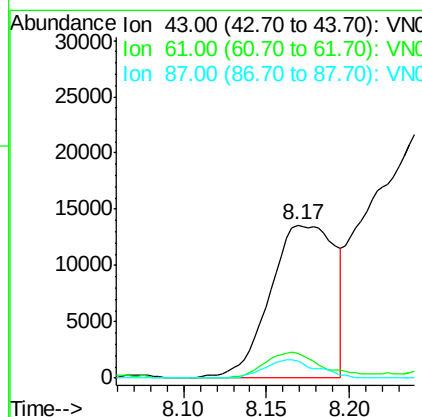
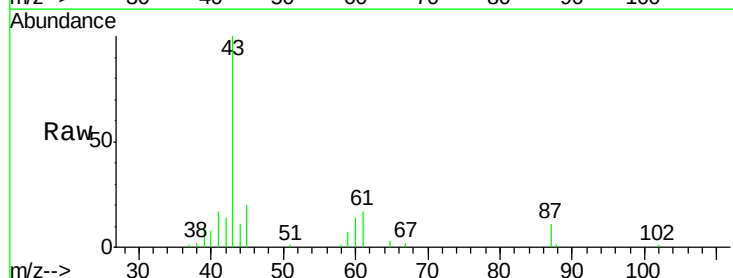
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#01

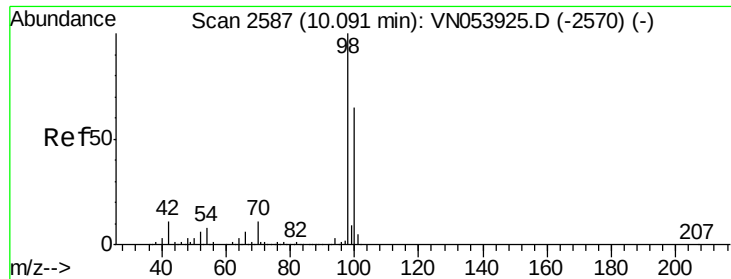
Tgt Ion: 113 Resp: 346793
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 21.8 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 3.074 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053958.D
 Acq: 26 Feb 2019 16:37

Tgt Ion: 43 Resp: 37079
 Ion Ratio Lower Upper
 43 100
 61 14.9 17.4 26.0#
 87 9.4 11.5 17.3#





#50

Toluene-d8

Concen: 52.207 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053958.D

Acq: 26 Feb 2019 16:37

Instrument :

MSVOA_N

ClientSampleId :

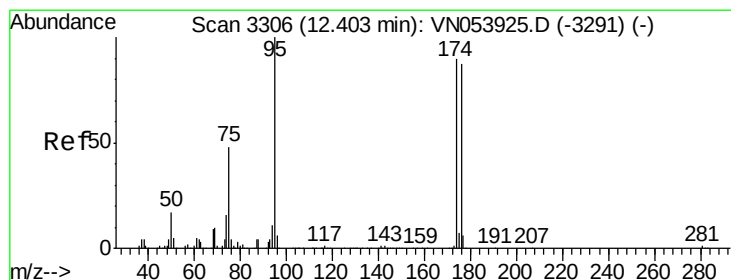
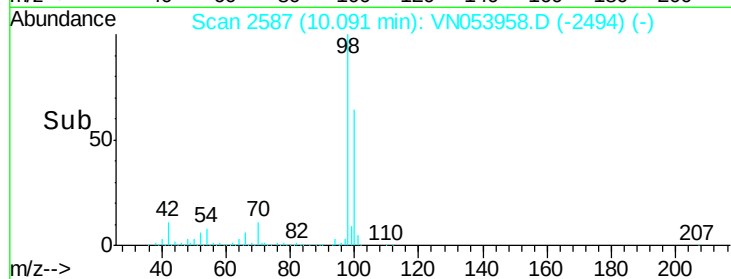
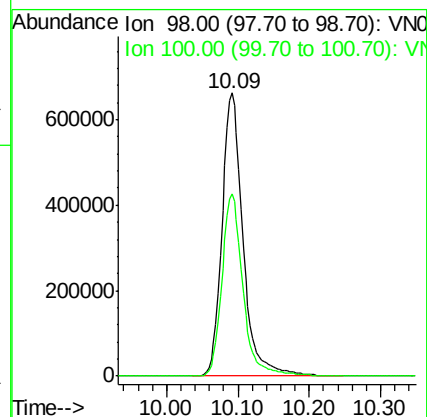
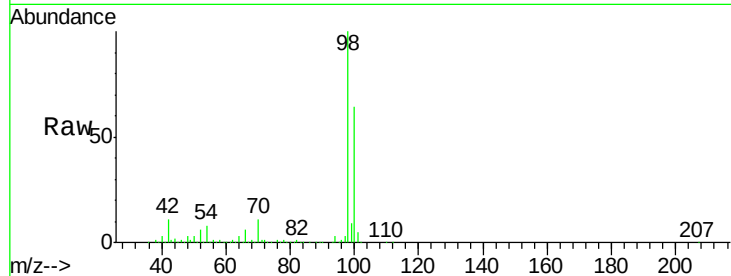
PB117375ZHE#01

Tgt Ion: 98 Resp: 1352195

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.172 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053958.D

Acq: 26 Feb 2019 16:37

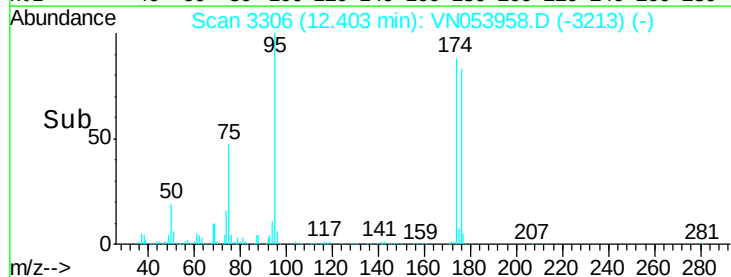
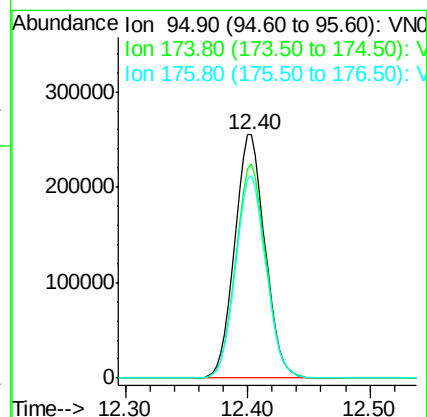
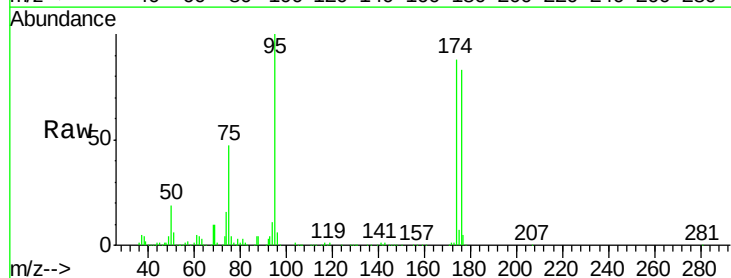
Tgt Ion: 95 Resp: 441583

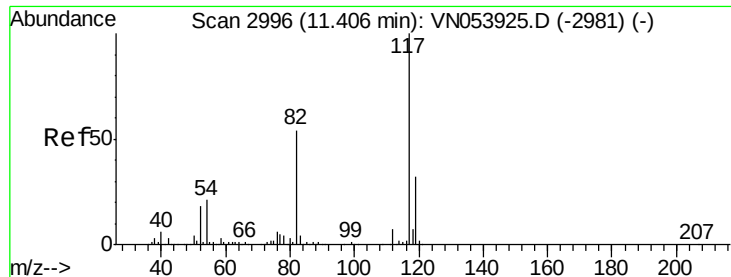
Ion Ratio Lower Upper

95 100

174 87.7 0.0 188.8

176 83.4 0.0 182.6

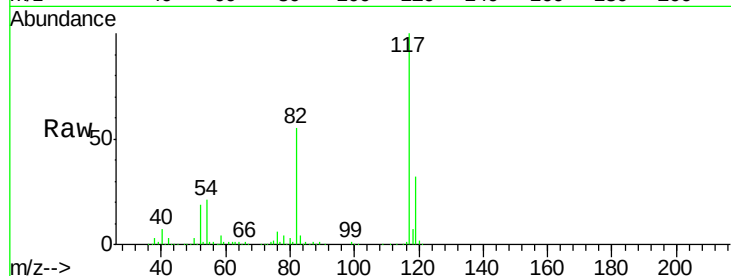




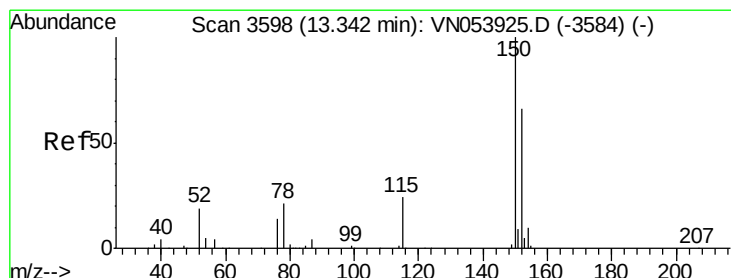
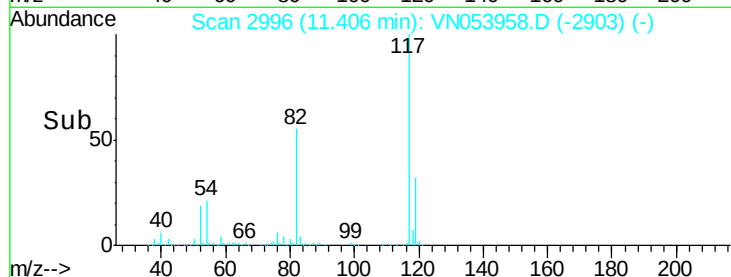
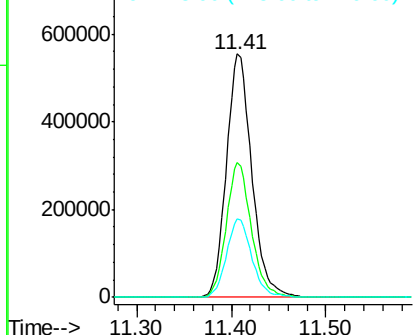
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053958.D
Acq: 26 Feb 2019 16:37

Instrument :
MSVOA_N
ClientSampleId :
PB117375ZHE#01

Tgt Ion:117 Resp: 1032486
Ion Ratio Lower Upper
117 100
82 55.4 41.4 62.2
119 32.1 25.3 37.9

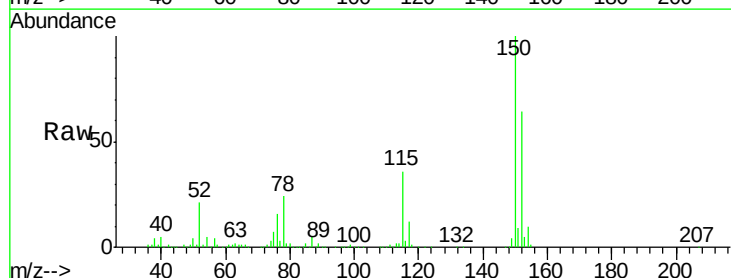


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053958.D
Acq: 26 Feb 2019 16:37

Tgt Ion:152 Resp: 370475
Ion Ratio Lower Upper
152 100
115 56.6 27.2 81.6
150 155.9 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

