

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
 Data File : VN053960.D
 Acq On : 26 Feb 2019 17:31
 Operator : JC/SP
 Sample : PB117375ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#03

Quant Time: Feb 27 03:12:16 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

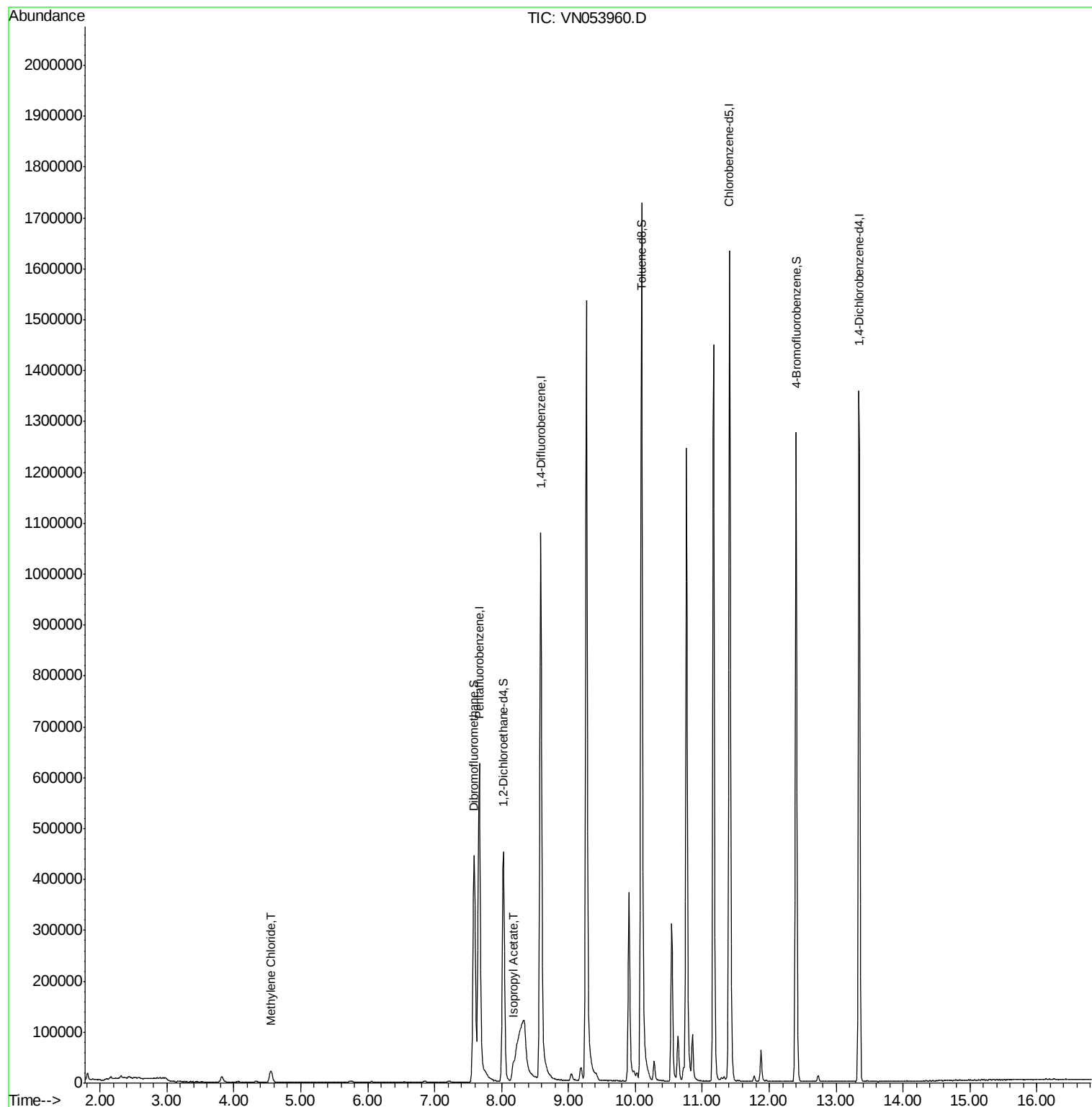
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	595688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1080778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1038530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	374462	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	382043	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
35) Dibromofluoromethane	7.59	113	349289	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.09	98	1351378	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.40	95	443870	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
Target Compounds						
20) Methylene Chloride	4.55	84	17793	2.575	ug/l	97
43) Isopropyl Acetate	8.17	43	27808	2.295	ug/l	97

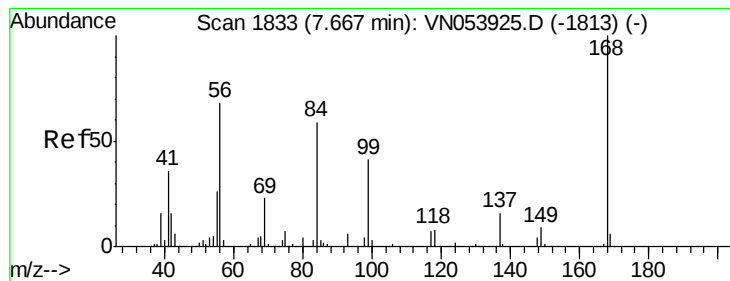
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022619\
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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: VN053960.D

Acq: 26 Feb 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

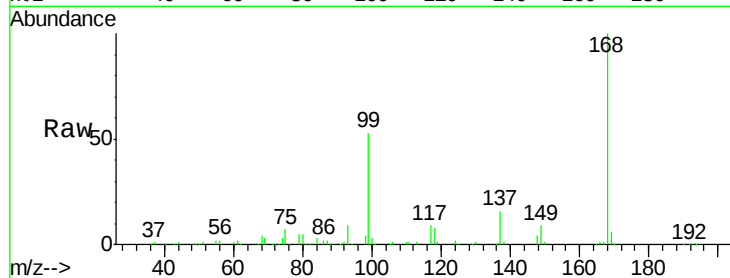
PB117375ZHE#03

Tgt Ion:168 Resp: 595688

Ion Ratio Lower Upper

168 100

99 53.0 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

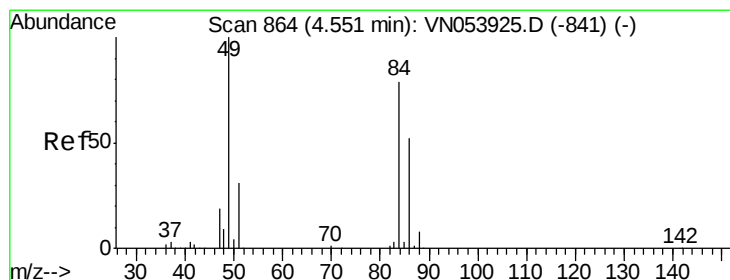
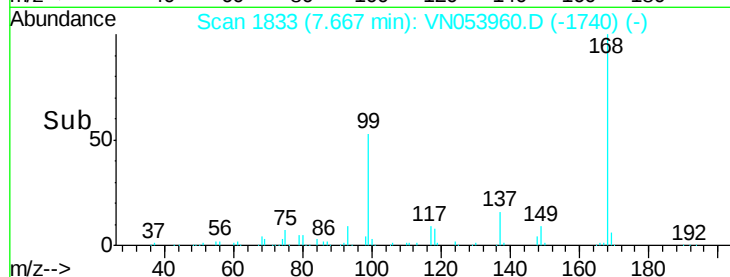
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.575 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053960.D

Acq: 26 Feb 2019 17:31

Tgt Ion: 84 Resp: 17793

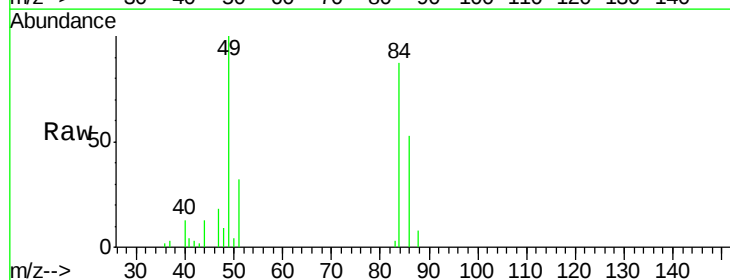
Ion Ratio Lower Upper

84 100

49 114.3 89.7 134.5

51 36.3 27.8 41.8

86 60.1 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

10000

8000

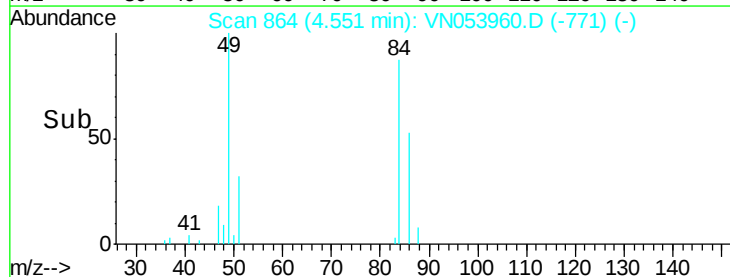
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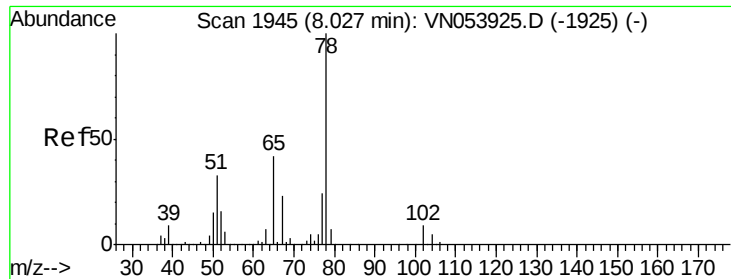
4000

2000

0

Time-->

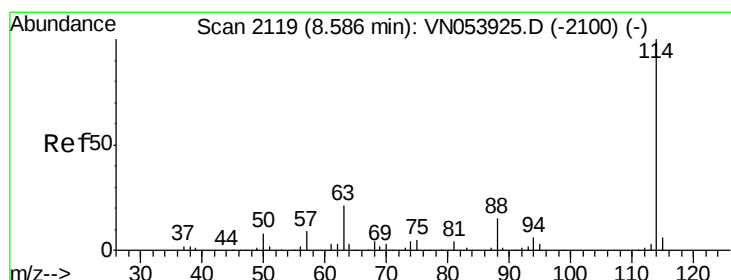
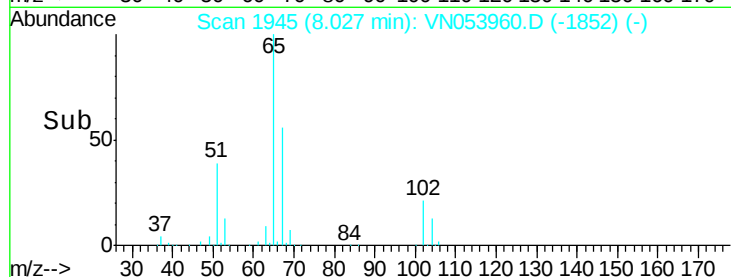
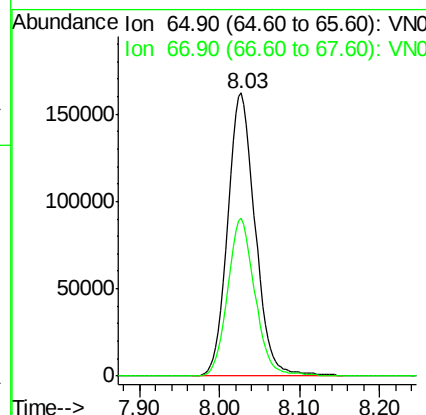
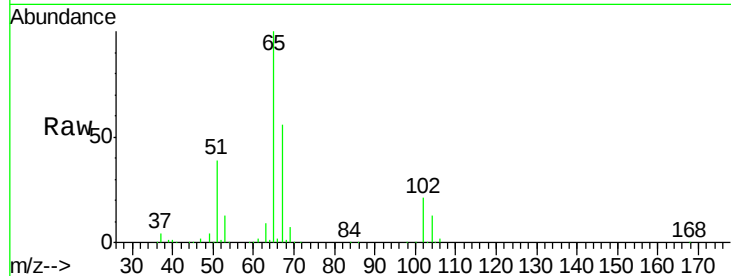




#33
 1,2-Dichloroethane-d4
 Concen: 54.712 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053960.D
 Acq: 26 Feb 2019 17:31

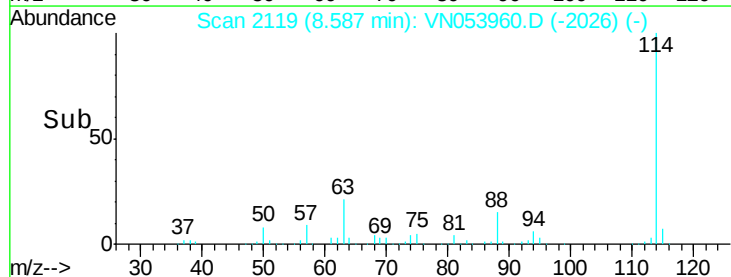
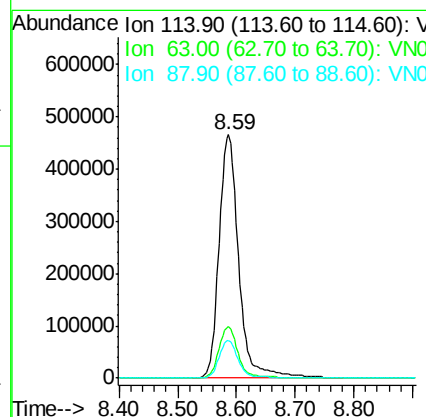
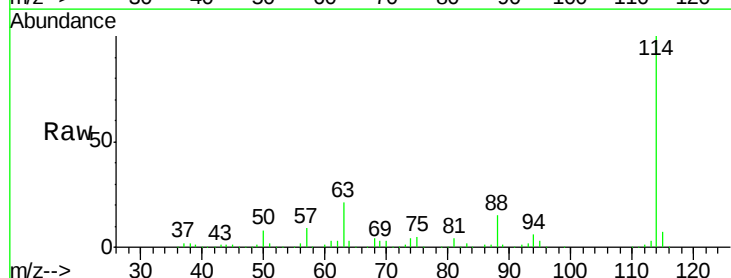
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#03

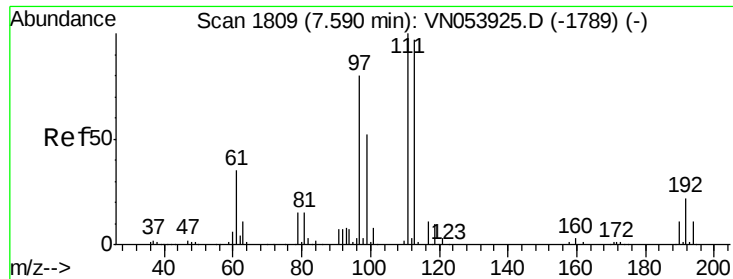
Tgt Ion: 65 Resp: 382043
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053960.D
 Acq: 26 Feb 2019 17:31

Tgt Ion: 114 Resp: 1080778
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.4
 88 15.4 0.0 30.4

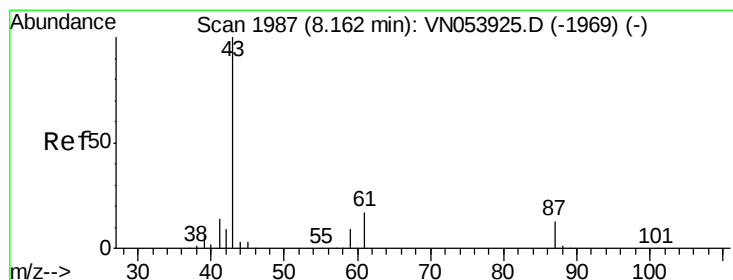
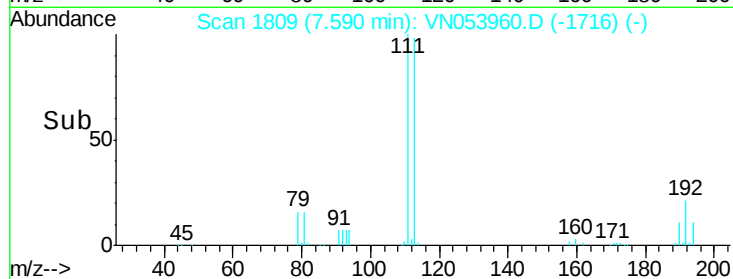
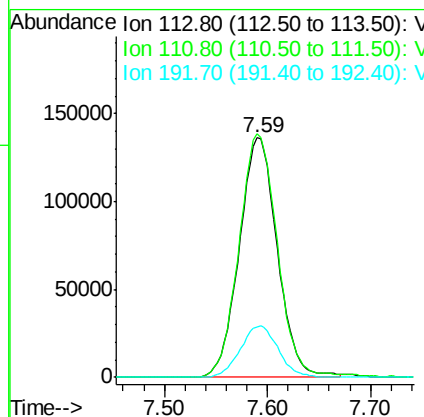
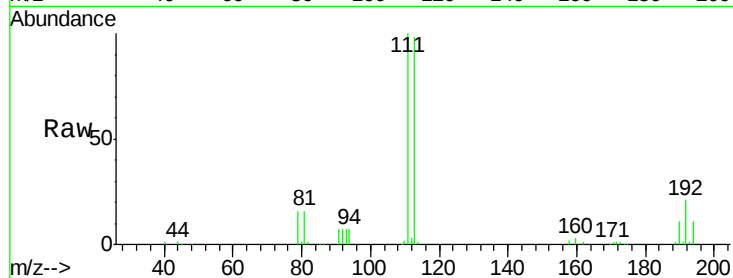




#35
 Dibromofluoromethane
 Concen: 49.977 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053960.D
 Acq: 26 Feb 2019 17:31

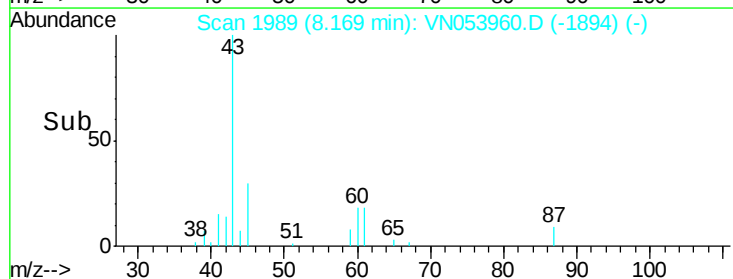
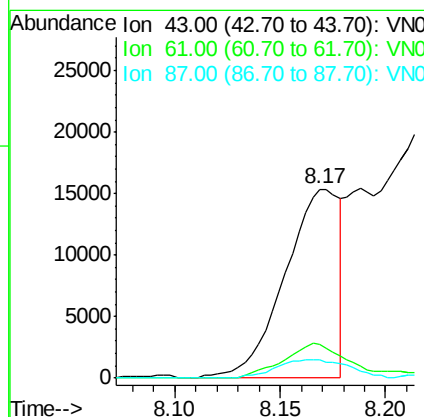
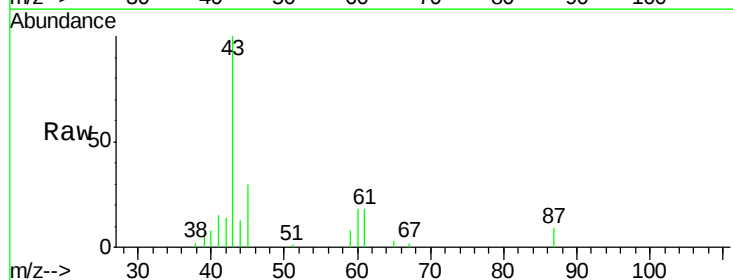
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117375ZHE#03

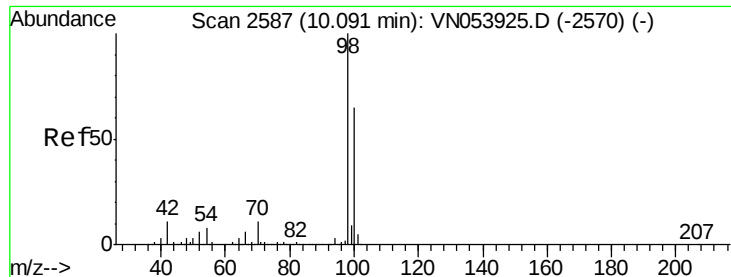
Tgt Ion: 113 Resp: 349289
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.1 121.7
 192 21.5 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.295 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053960.D
 Acq: 26 Feb 2019 17:31

Tgt Ion: 43 Resp: 27808
 Ion Ratio Lower Upper
 43 100
 61 20.7 17.4 26.0
 87 12.8 11.5 17.3





#50

Toluene-d8

Concen: 51.943 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053960.D

Acq: 26 Feb 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

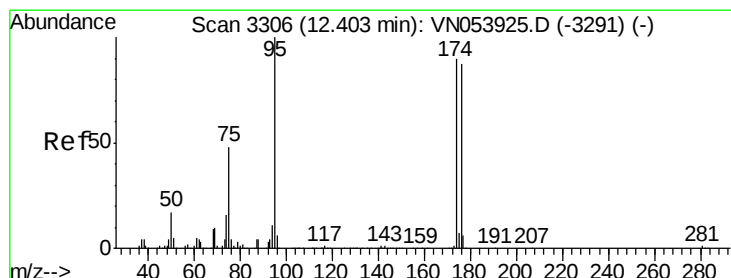
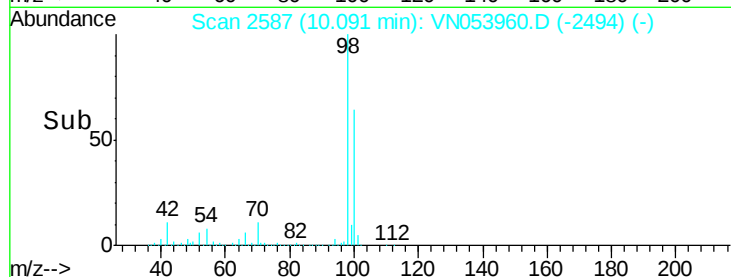
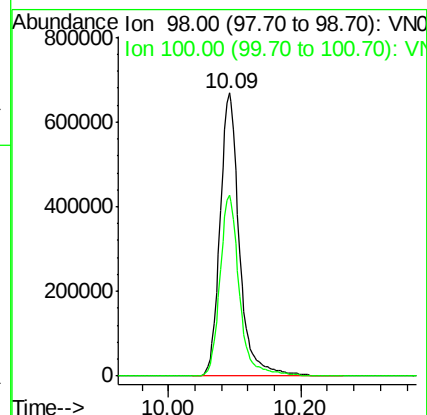
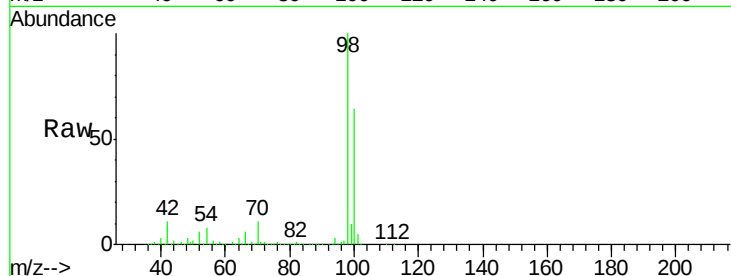
PB117375ZHE#03

Tgt Ion: 98 Resp: 1351378

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.208 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053960.D

Acq: 26 Feb 2019 17:31

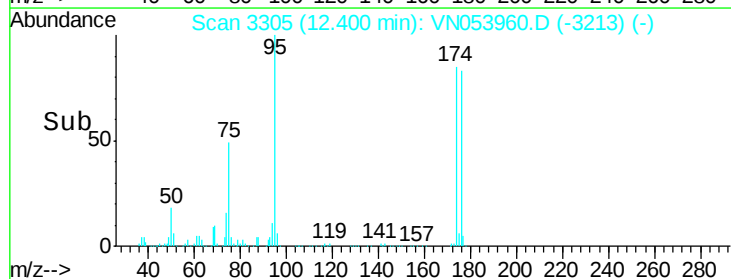
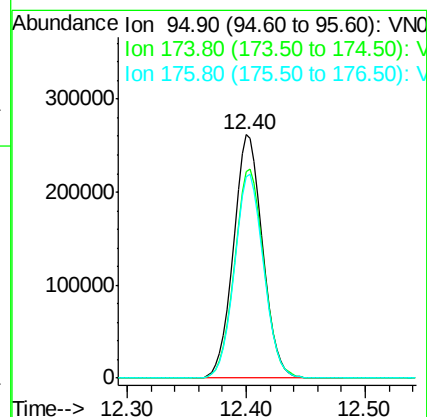
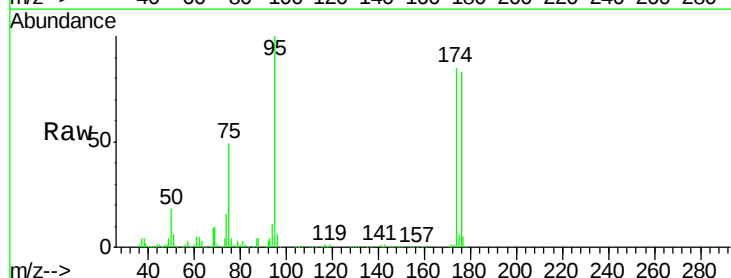
Tgt Ion: 95 Resp: 443870

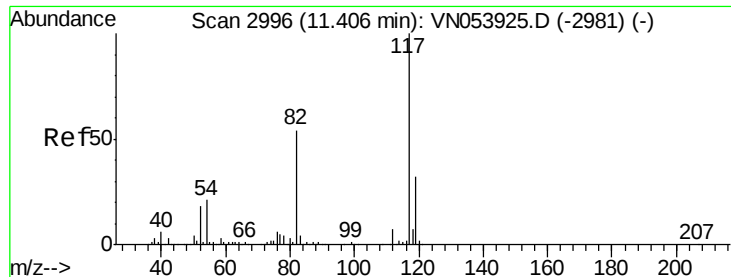
Ion Ratio Lower Upper

95 100

174 86.6 0.0 188.8

176 83.9 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: VN053960.D

Acq: 26 Feb 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

PB117375ZHE#03

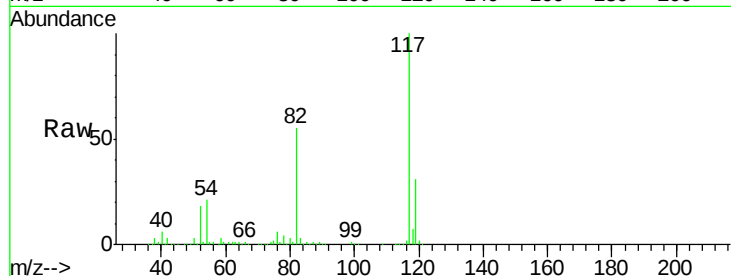
Tgt Ion:117 Resp: 1038530

Ion Ratio Lower Upper

117 100

82 54.9 41.4 62.2

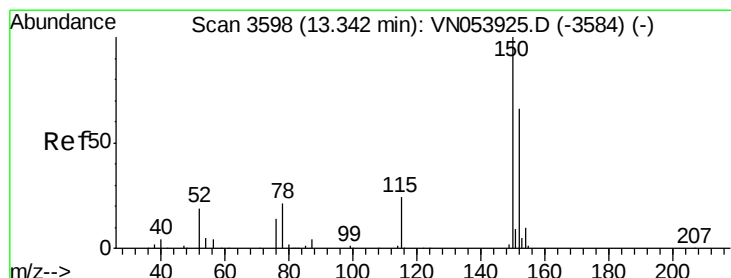
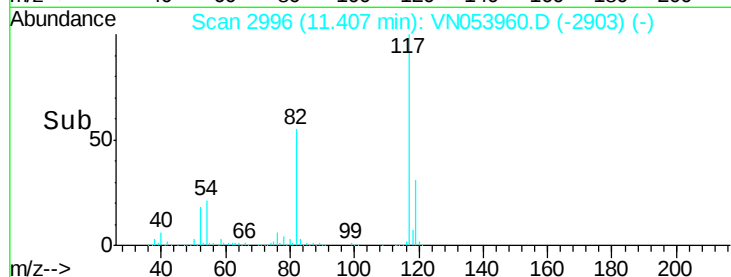
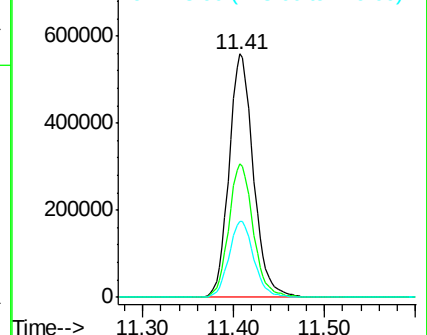
119 31.5 25.3 37.9



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: VN053960.D

Acq: 26 Feb 2019 17:31

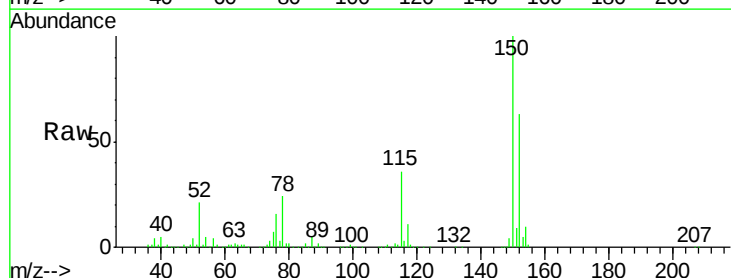
Tgt Ion:152 Resp: 374462

Ion Ratio Lower Upper

152 100

115 55.7 27.2 81.6

150 158.0 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

