

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053785.D
 Acq On : 14 Feb 2019 17:49
 Operator : JC/SP
 Sample : PB117097ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117097ZHE#05

Quant Time: Feb 15 04:31:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

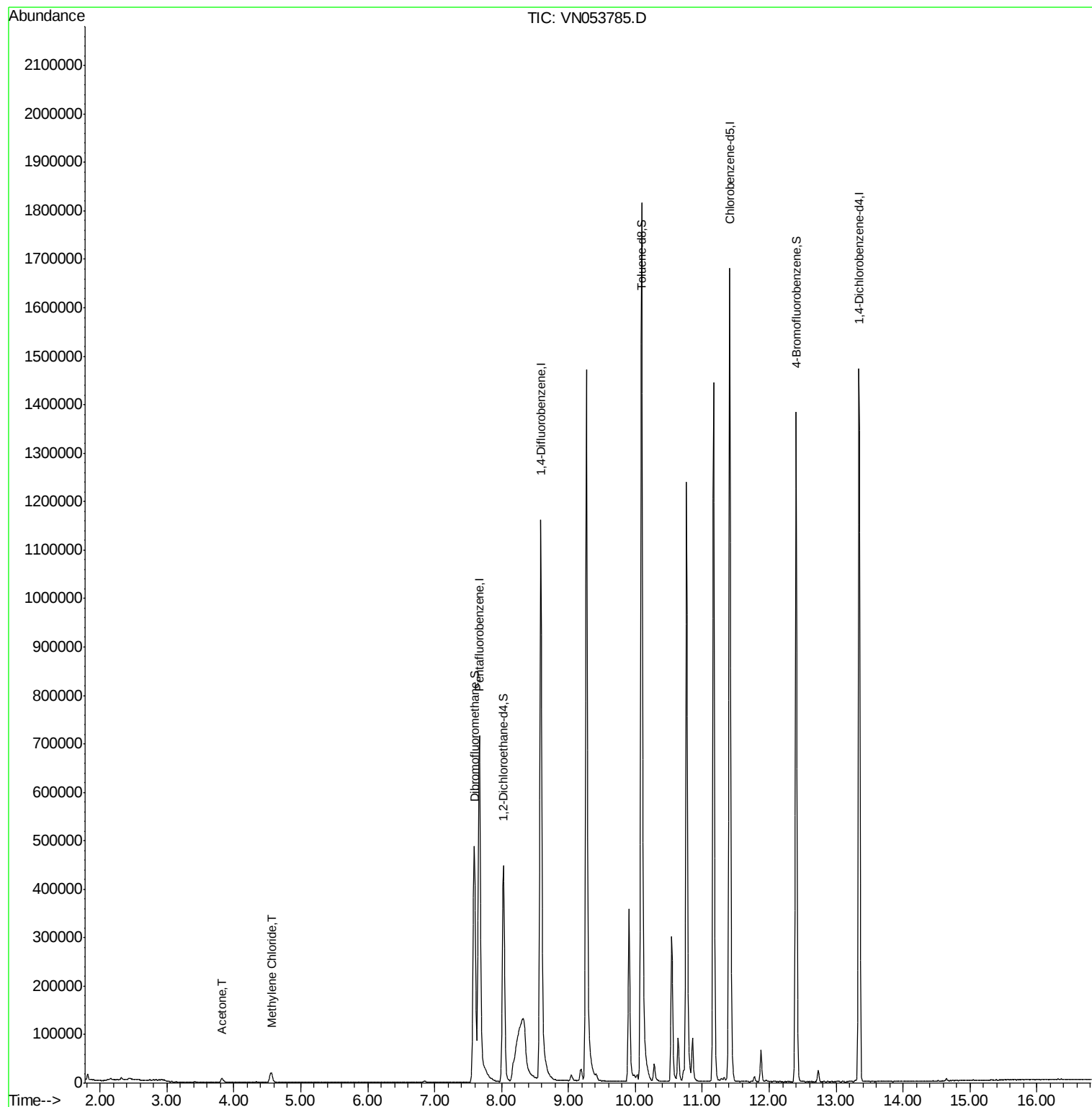
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	699511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1225114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1142557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	436505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	386267	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
35) Dibromofluoromethane	7.59	113	393263	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	10.09	98	1497247	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.40	95	483177	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
Target Compounds						
16) Acetone	3.82	43	13931	7.739	ug/l	95
20) Methylene Chloride	4.55	84	16178	2.142	ug/l	98

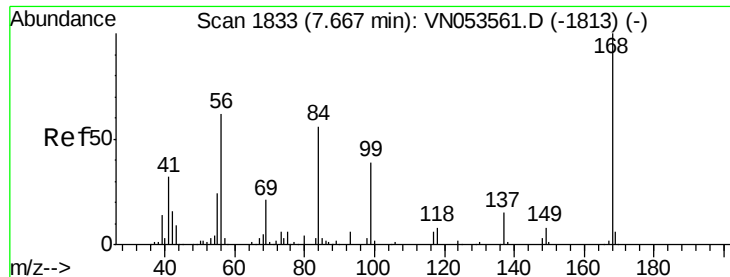
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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MSVOA_N

ClientSampleId :

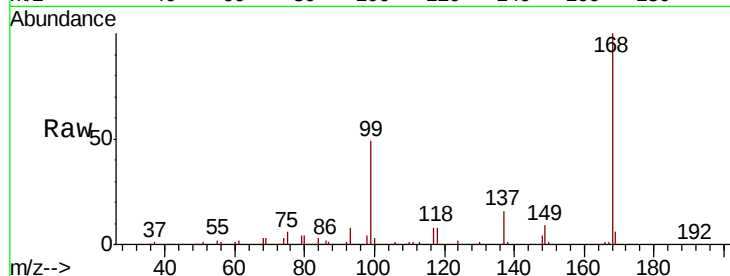
PB117097ZHE#05

Tot Ion:168 Resp: 699511

Ion Ratio Lower Upper

168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

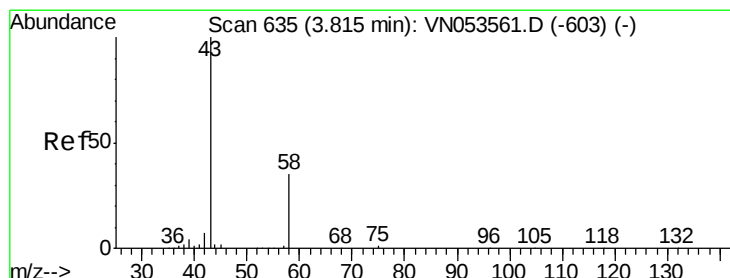
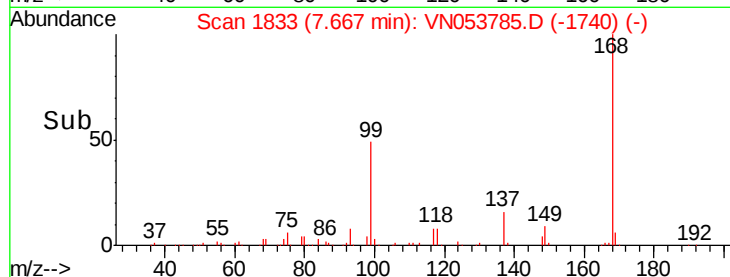
100000

50000

0

7.60 7.65 7.70 7.75 7.80

Time-->



#16

Acetone

Concen: 7.739 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053785.D

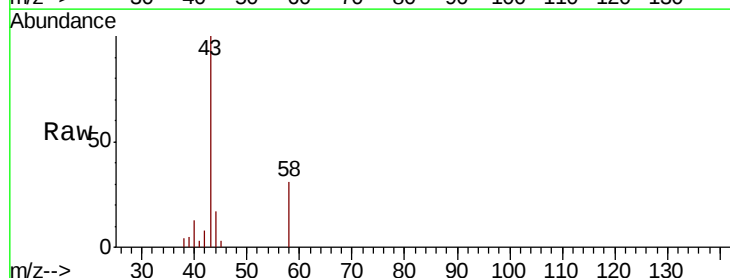
Acq: 14 Feb 2019 17:49

Tgt Ion: 43 Resp: 13931

Ion Ratio Lower Upper

43 100

58 31.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

3000

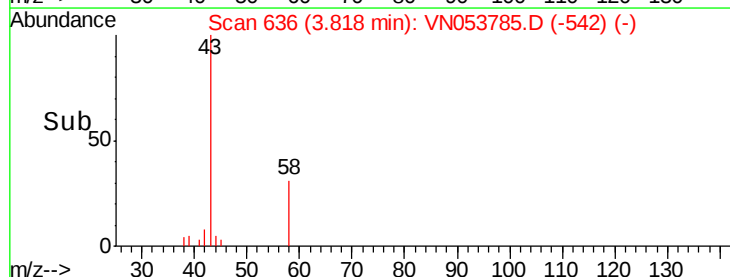
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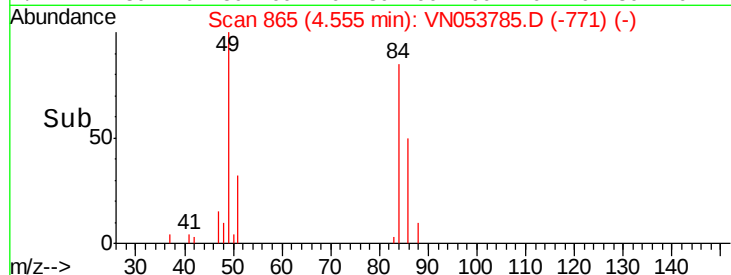
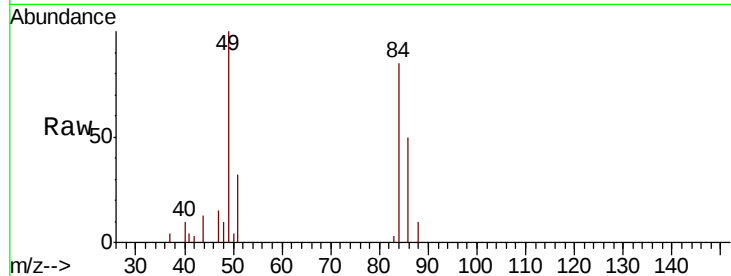
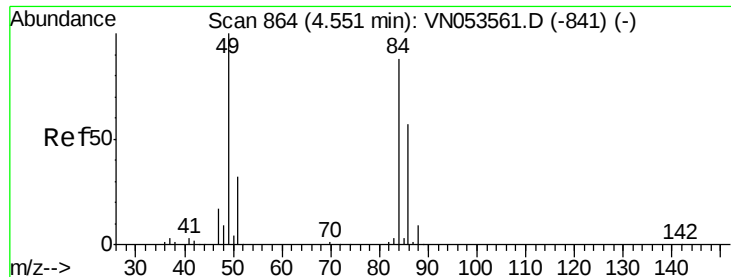
1000

0

3.75 3.80 3.85 3.90

Time-->

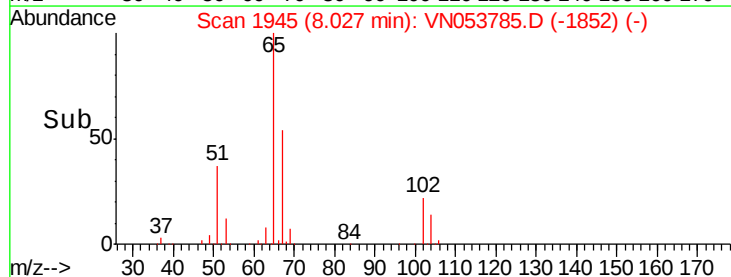
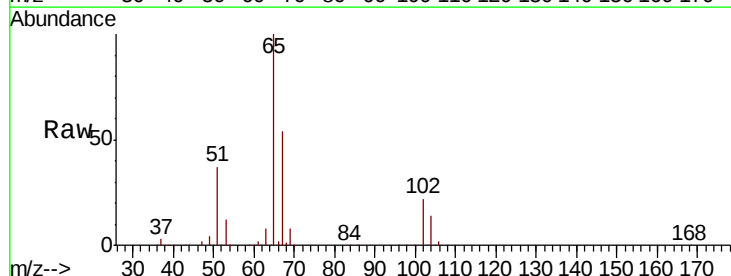
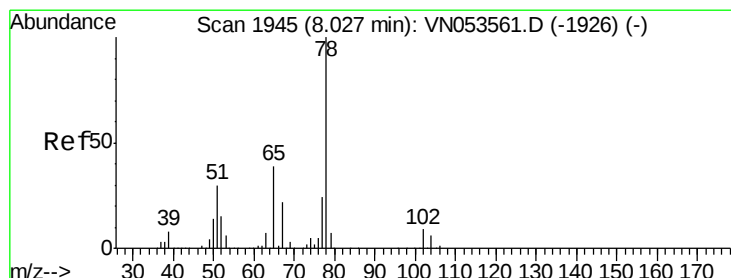
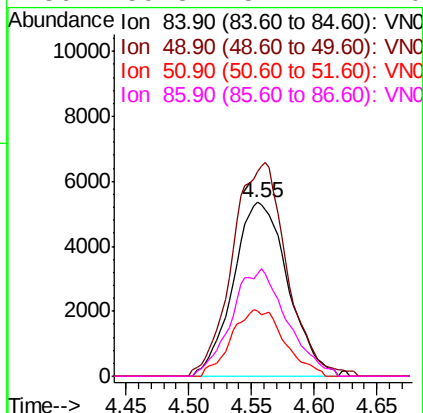




#20
Methvlene Chloride
Concen: 2.142 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053785.D
Acq: 14 Feb 2019 17:49

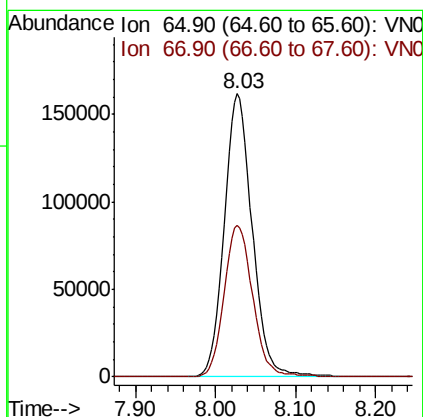
Instrument :
MSVOA_N
ClientSampleId :
PB117097ZHE#05

Tot Ion: 84 Resp: 16178
Ion Ratio Lower Upper
84 100
49 117.8 94.3 141.5
51 37.2 29.4 44.2
86 59.3 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 55.044 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053785.D
Acq: 14 Feb 2019 17:49

Tgt Ion: 65 Resp: 386267
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.2

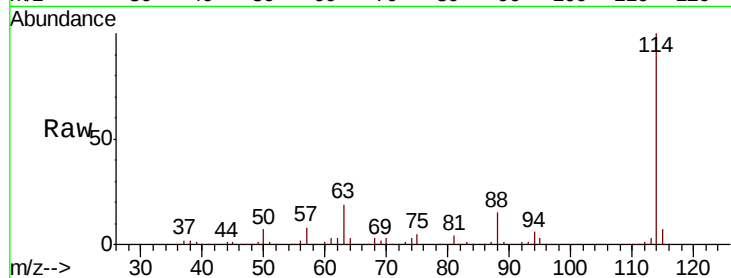




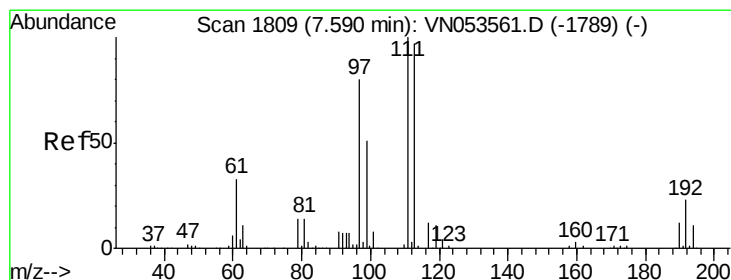
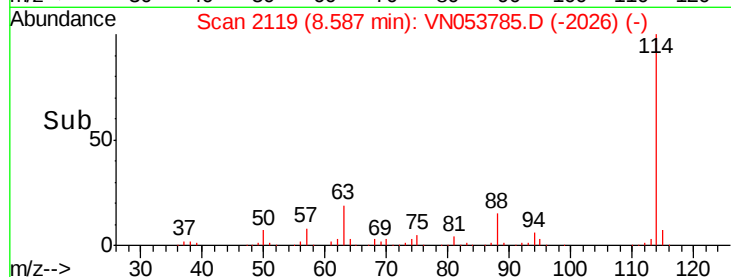
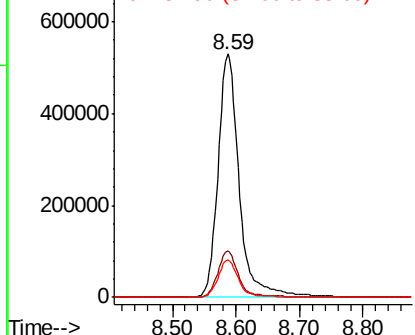
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053785.D
Acq: 14 Feb 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :
PB117097ZHE#05

Tot Ion:114 Resp: 1225114
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.3 0.0 30.4

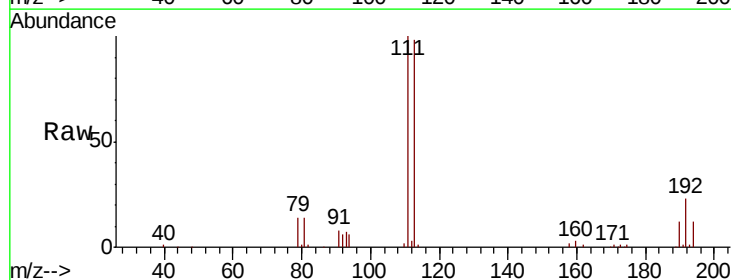


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VNO
Ion 87.90 (87.60 to 88.60): VNO

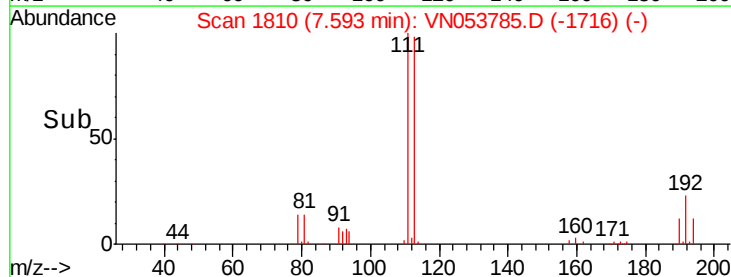
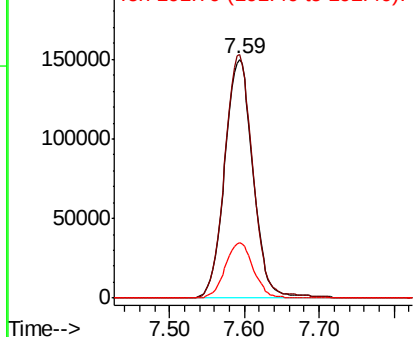


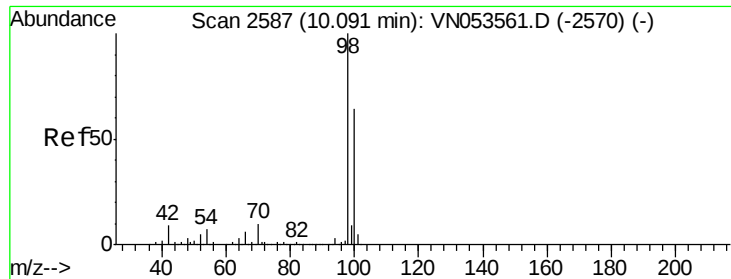
#35
Dibromofluoromethane
Concen: 50.802 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053785.D
Acq: 14 Feb 2019 17:49

Tgt Ion:113 Resp: 393263
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 23.0 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.511 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053785.D

Acq: 14 Feb 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

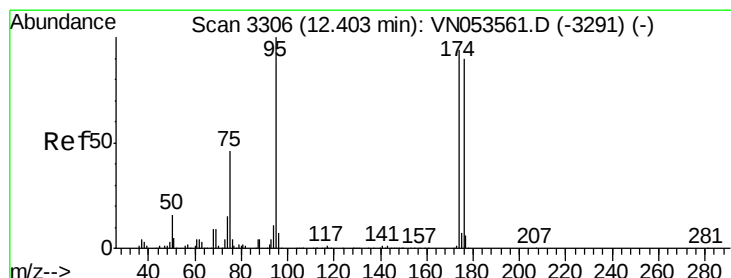
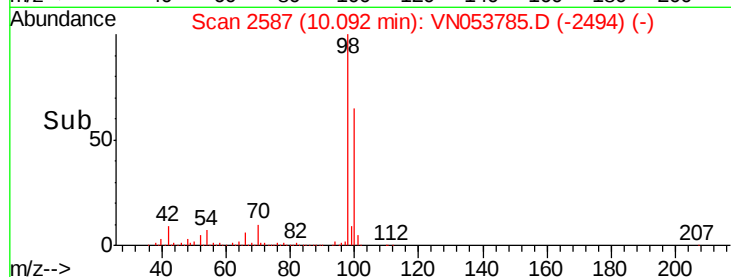
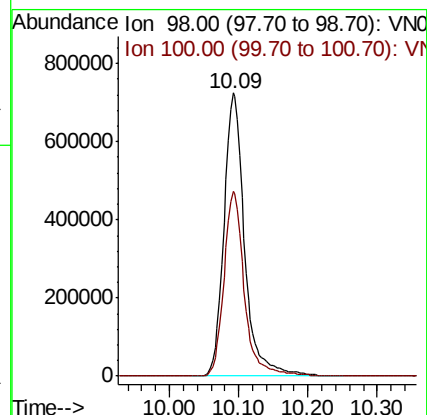
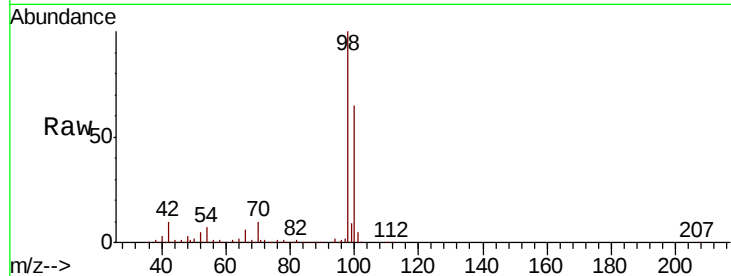
PB117097ZHE#05

Tot Ion: 98 Resp: 1497247

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 49.842 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053785.D

Acq: 14 Feb 2019 17:49

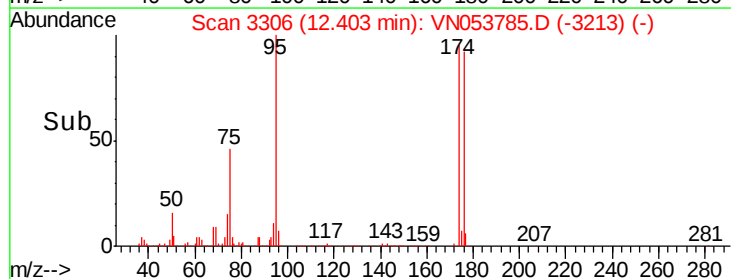
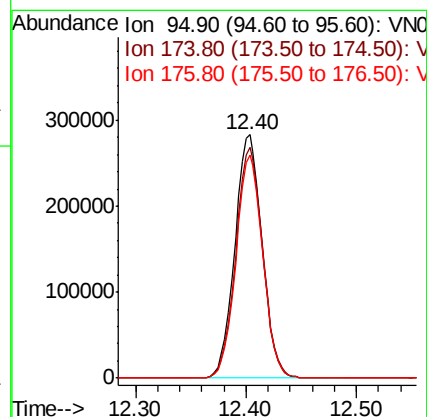
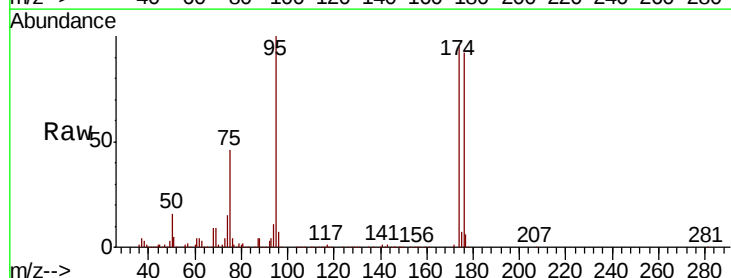
Tgt Ion: 95 Resp: 483177

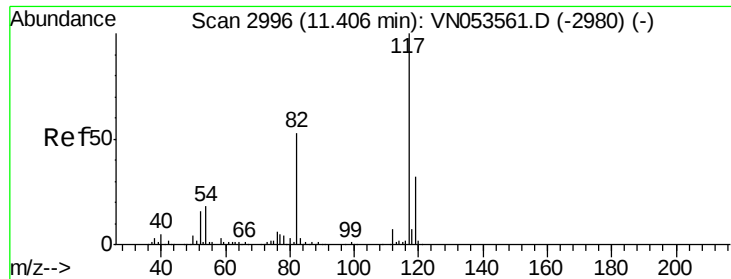
Ion Ratio Lower Upper

95 100

174 94.2 0.0 183.2

176 90.2 0.0 177.4

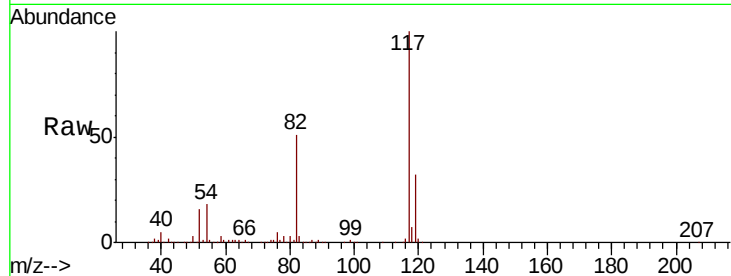




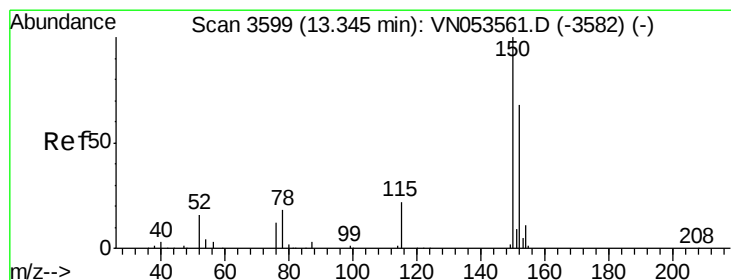
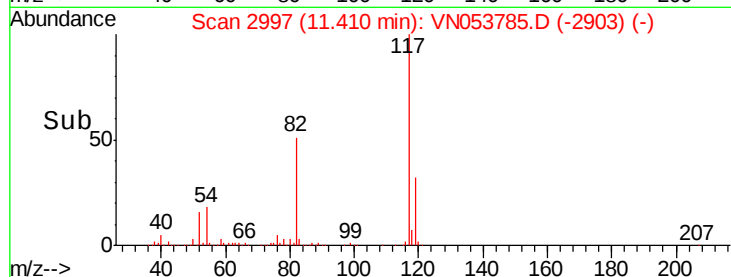
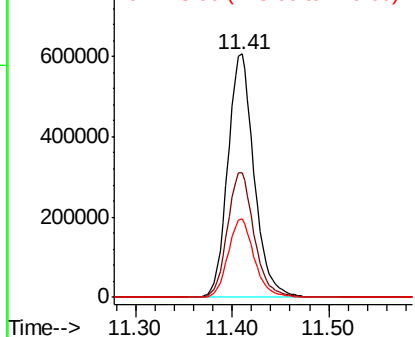
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053785.D
Acq: 14 Feb 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :
PB117097ZHE#05

Tot Ion:117 Resp: 1142557
Ion Ratio Lower Upper
117 100
82 51.4 42.9 64.3
119 32.2 26.0 39.0

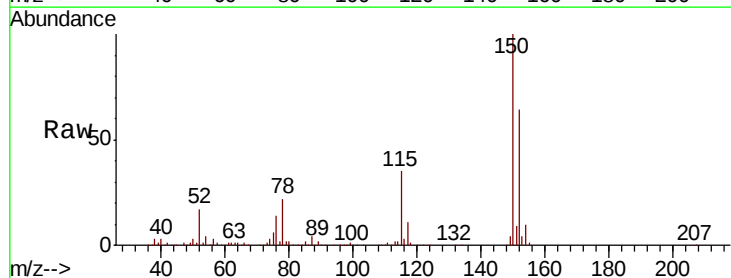


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053785.D
Acq: 14 Feb 2019 17:49

Tgt Ion:152 Resp: 436505
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 156.8 0.0 349.0



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

