

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053781.D
 Acq On : 14 Feb 2019 16:02
 Operator : JC/SP
 Sample : PB117097ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117097ZHE#01

Quant Time: Feb 15 04:28:28 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

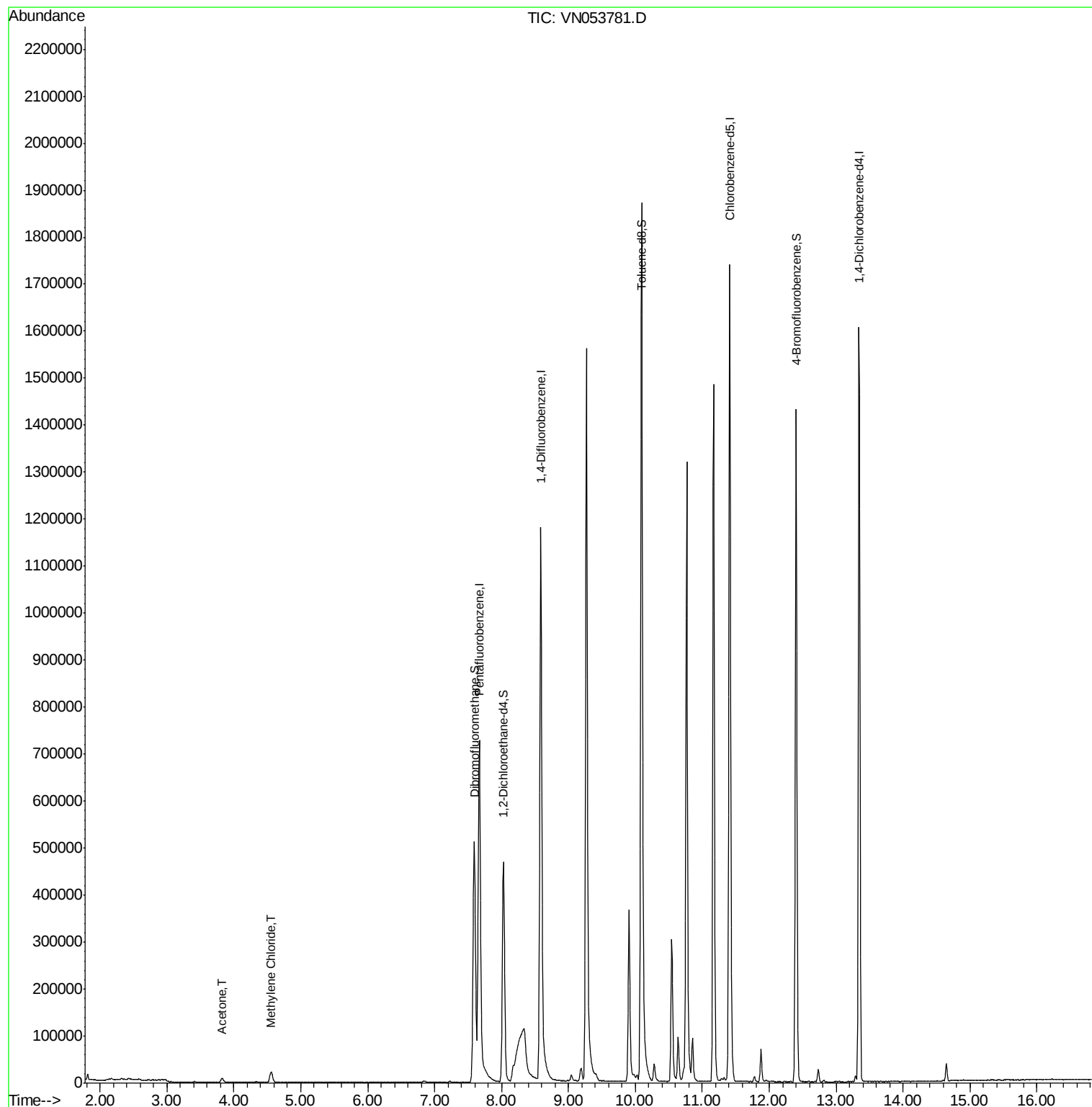
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	757840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1262841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1189715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	462770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	401609	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
35) Dibromofluoromethane	7.59	113	398801	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.09	98	1534305	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.40	95	508393	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
Target Compounds						
16) Acetone	3.82	43	14536	7.454	ug/l	100
20) Methylene Chloride	4.55	84	17501	2.139	ug/l	98

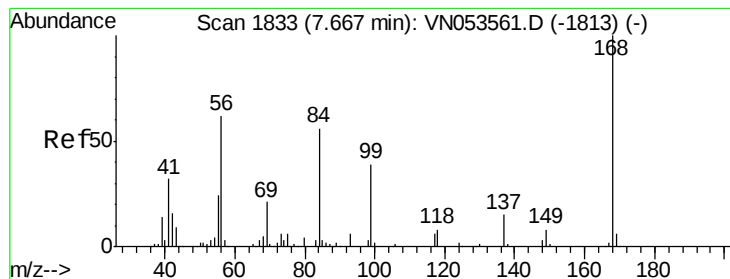
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN053781.D

Acq: 14 Feb 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

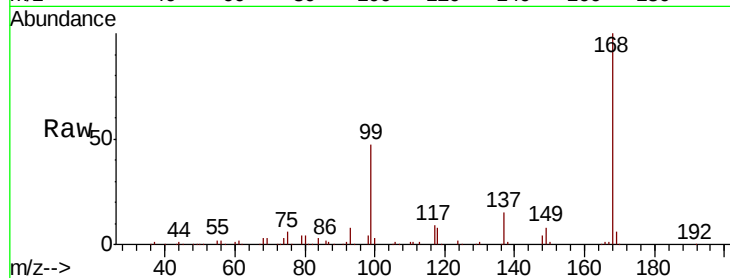
PB117097ZHE#01

Tot Ion:168 Resp: 757840

Ion Ratio Lower Upper

168 100

99 47.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053781.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053781.D (-1740) (-)

7.67

300000

250000

200000

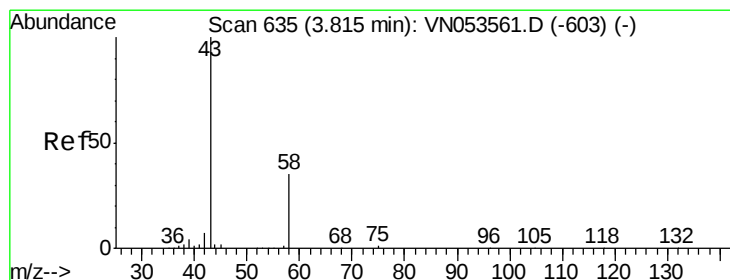
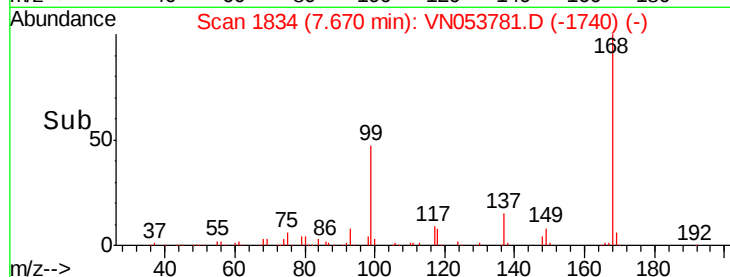
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.454 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053781.D

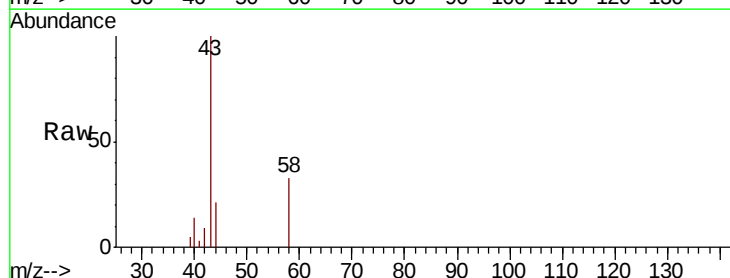
Acq: 14 Feb 2019 16:02

Tgt Ion: 43 Resp: 14536

Ion Ratio Lower Upper

43 100

58 34.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053781.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053781.D (-542) (-)

3.82

6000

5000

4000

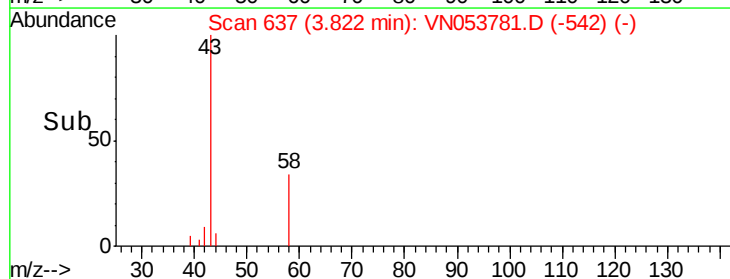
3000

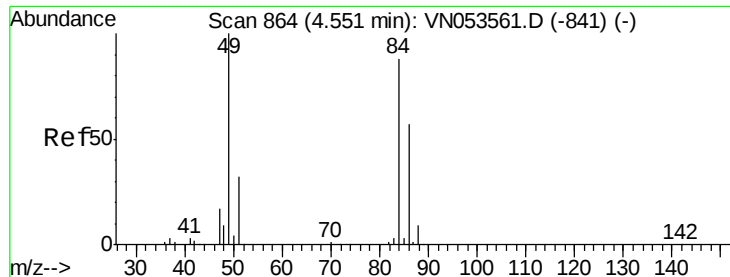
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 2.139 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053781.D

Acq: 14 Feb 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

PB117097ZHE#01

Tot Ion: 84 Resp: 17501

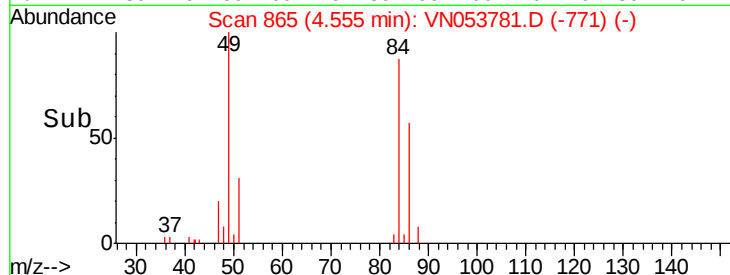
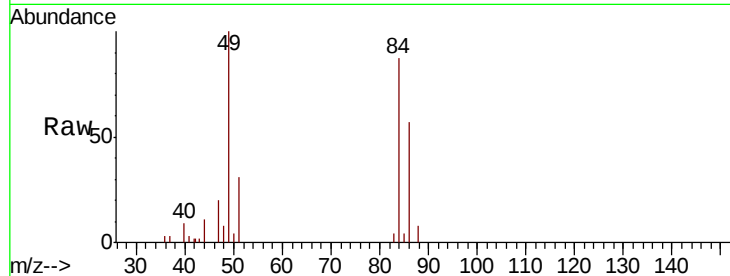
Ion Ratio Lower Upper

84 100

49 114.3 94.3 141.5

51 35.9 29.4 44.2

86 64.7 51.4 77.0

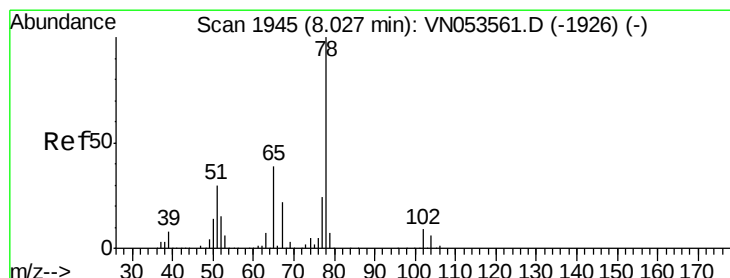
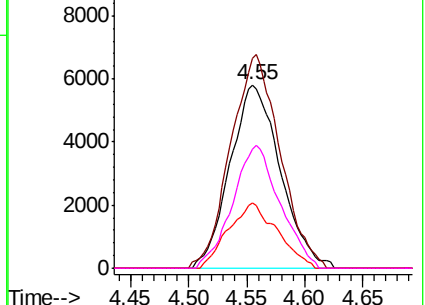


Abundance Ion 83.90 (83.60 to 84.60): VNO

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



#33

1,2-Dichloroethane-d4

Concen: 52.825 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053781.D

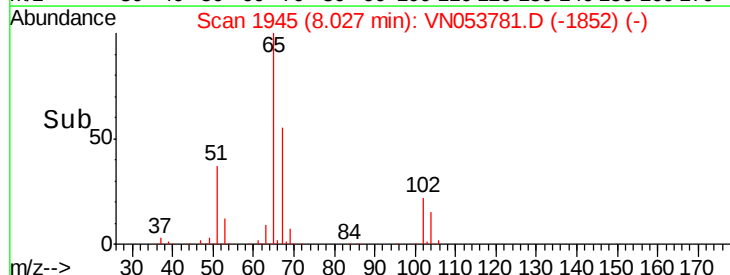
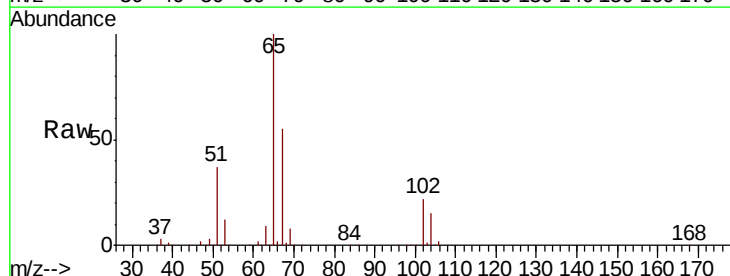
Acq: 14 Feb 2019 16:02

Tgt Ion: 65 Resp: 401609

Ion Ratio Lower Upper

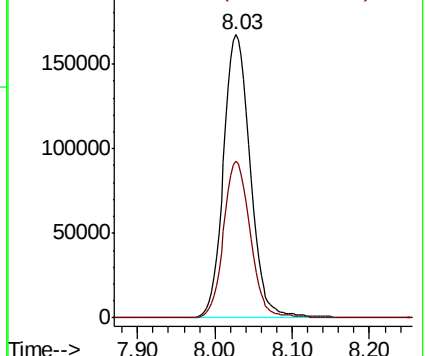
65 100

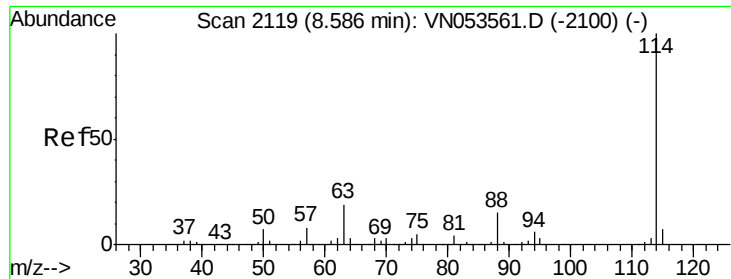
67 55.4 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

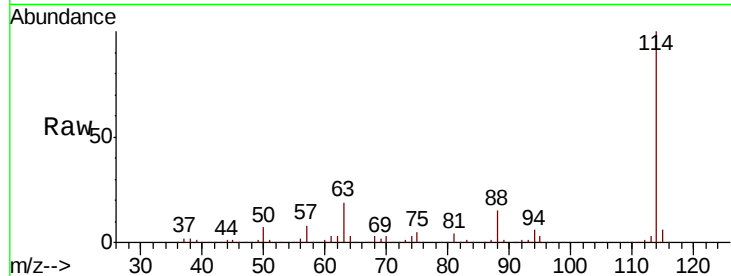




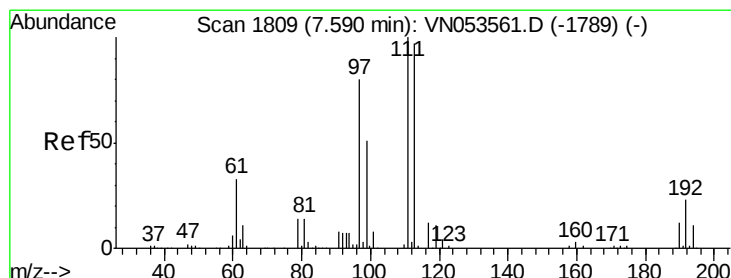
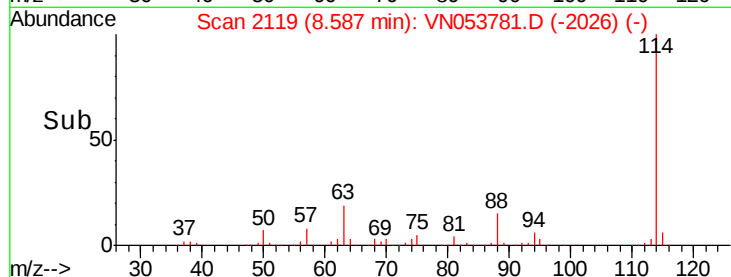
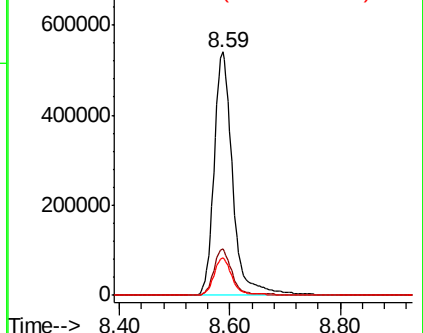
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053781.D
 Acq: 14 Feb 2019 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117097ZHE#01

Tot Ion:114 Resp: 1262841
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.3 0.0 30.4

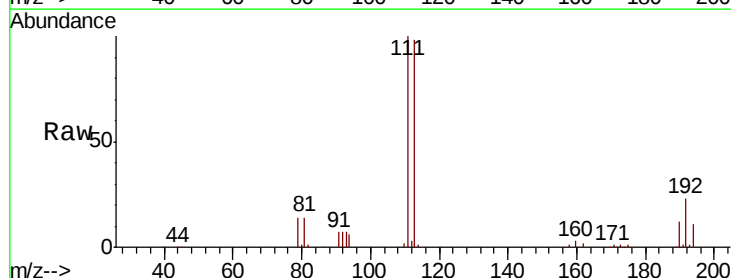


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

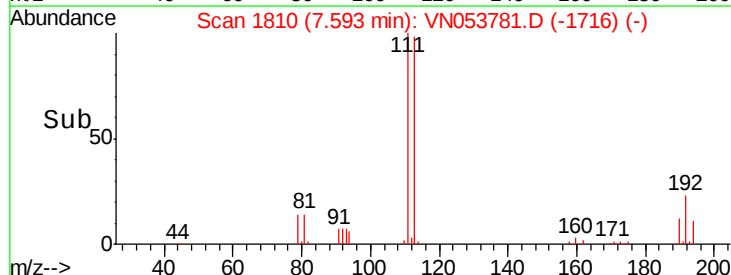
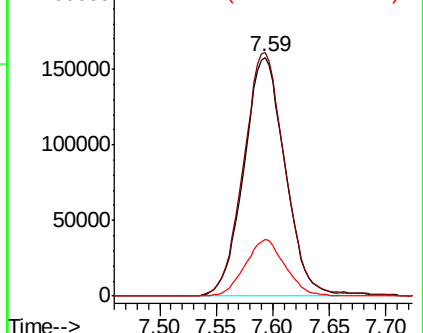


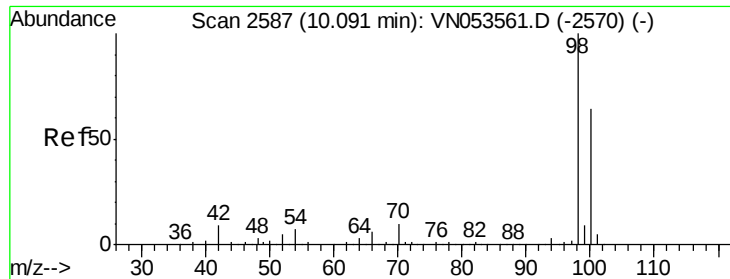
#35
 Dibromofluoromethane
 Concen: 49.978 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053781.D
 Acq: 14 Feb 2019 16:02

Tgt Ion:113 Resp: 398801
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.1 121.7
 192 23.3 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: 51.209 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053781.D

Acq: 14 Feb 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

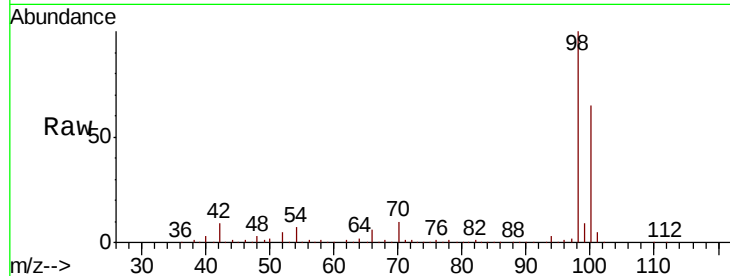
PB117097ZHE#01

Tot Ion: 98 Resp: 1534305

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

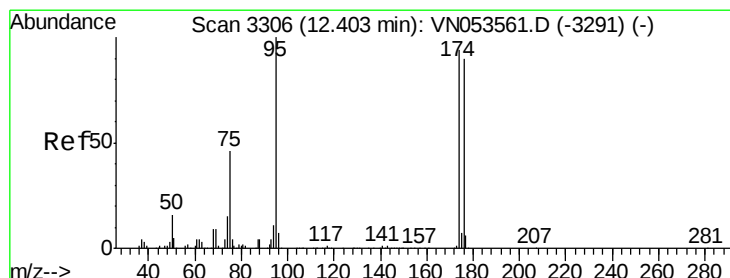
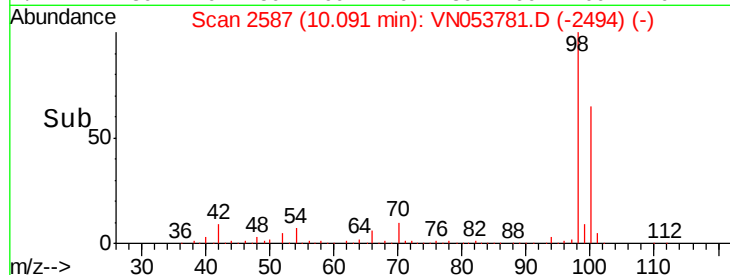
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.877 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053781.D

Acq: 14 Feb 2019 16:02

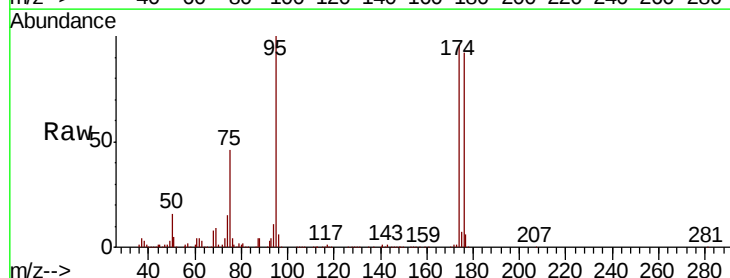
Tgt Ion: 95 Resp: 508393

Ion Ratio Lower Upper

95 100

174 94.6 0.0 183.2

176 91.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

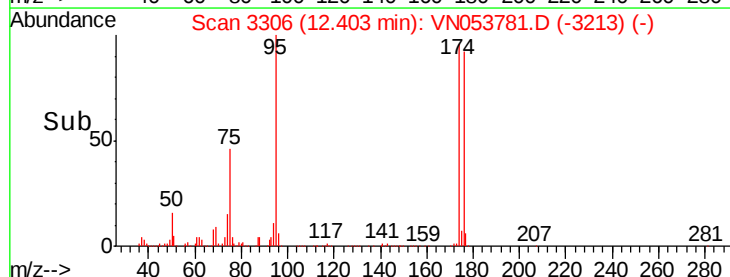
300000

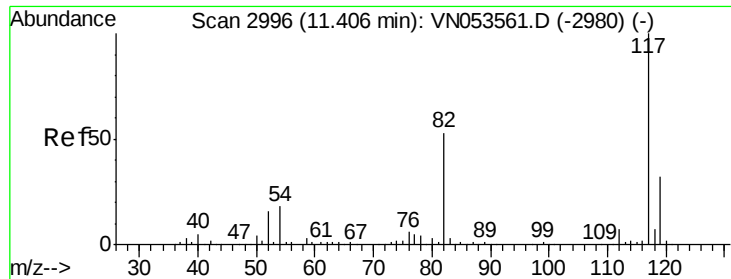
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053781.D

Acq: 14 Feb 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

PB117097ZHE#01

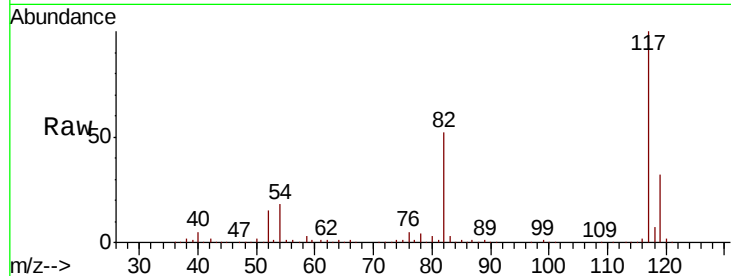
Tot Ion:117 Resp: 1189715

Ion Ratio Lower Upper

117 100

82 51.6 42.9 64.3

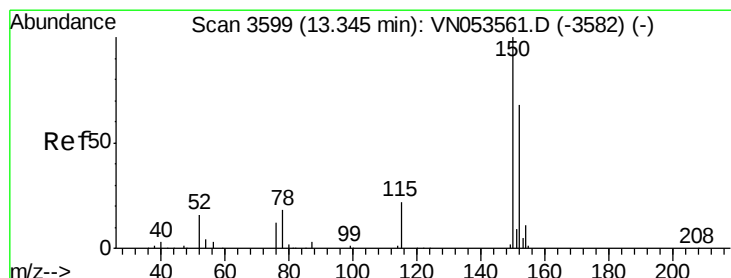
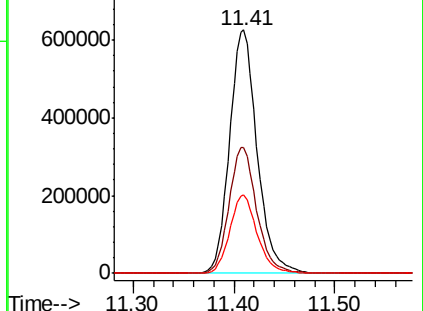
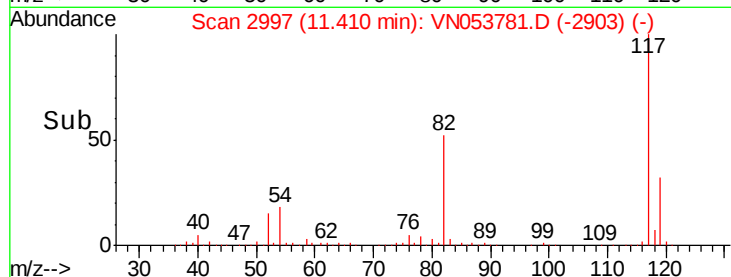
119 32.1 26.0 39.0



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053781.D

Acq: 14 Feb 2019 16:02

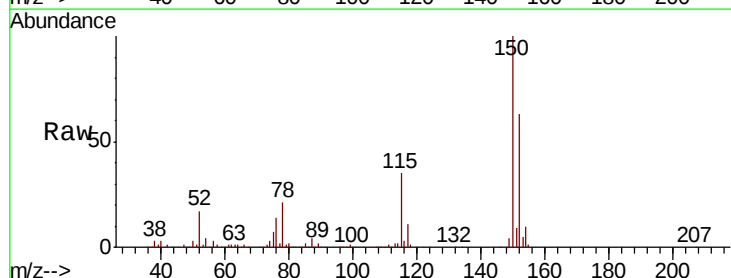
Tgt Ion:152 Resp: 462770

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

150 159.4 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

