

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021819\
 Data File : VN053837.D
 Acq On : 18 Feb 2019 12:34
 Operator : JC/SP
 Sample : PB117159ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117159ZHE#01

Quant Time: Feb 19 03:32:56 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

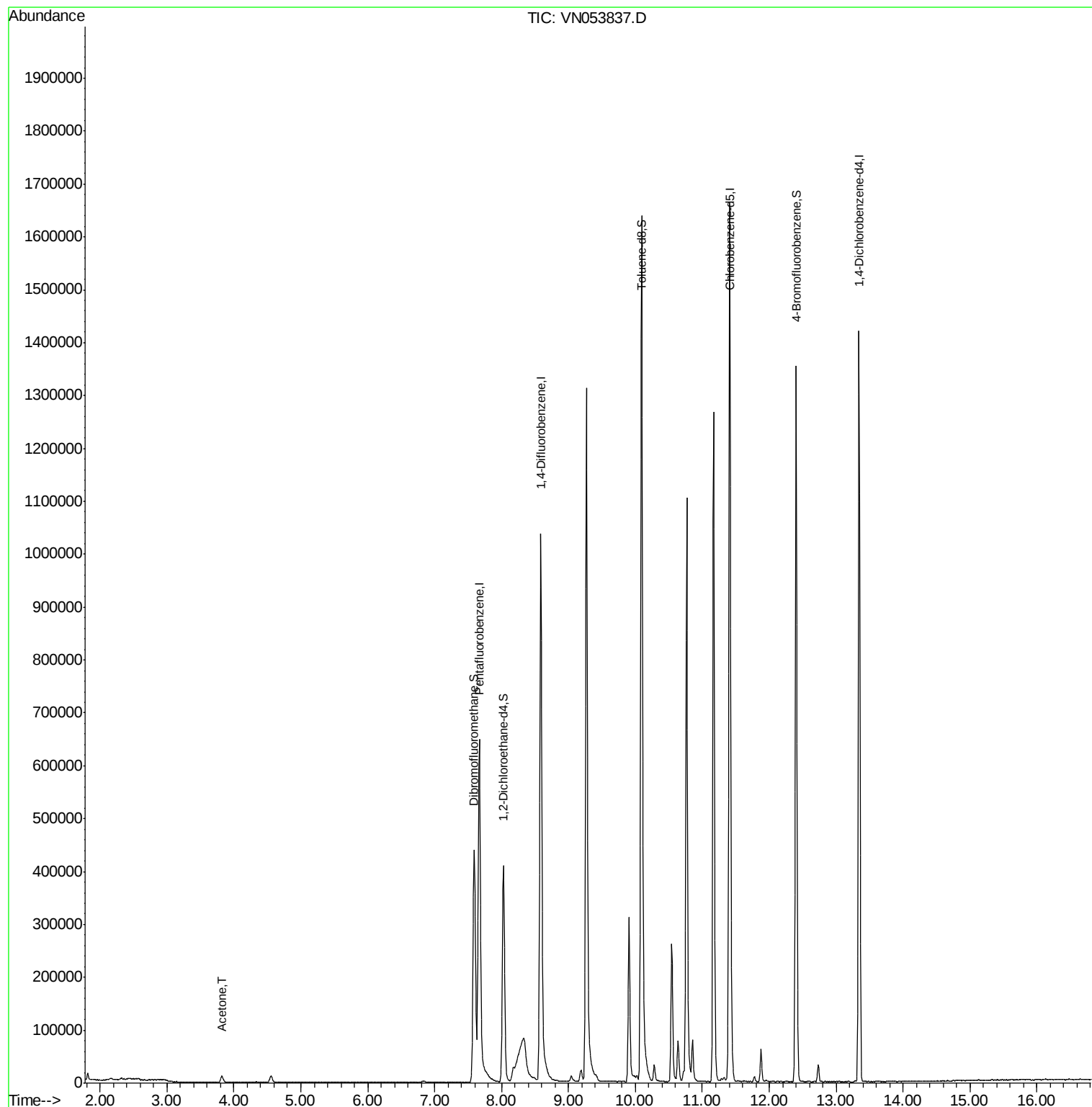
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	662220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1104228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1129202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	431584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	351961	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
35) Dibromofluoromethane	7.59	113	351446	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
50) Toluene-d8	10.09	98	1353165	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	476181	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
Target Compounds						
16) Acetone	3.82	43	21042	12.348	ug/l	Qvalue 99

(#) = 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# 1834

Delta R.T. 0.00 min

Lab File: VN053837.D

Acq: 18 Feb 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

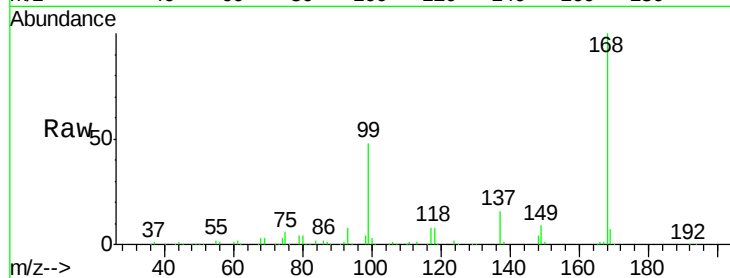
PB117159ZHE#01

Tot Ion:168 Resp: 662220

Ion Ratio Lower Upper

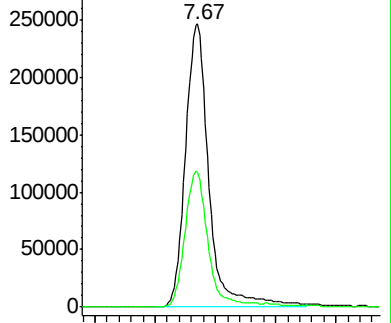
168 100

99 47.6 39.1 58.7

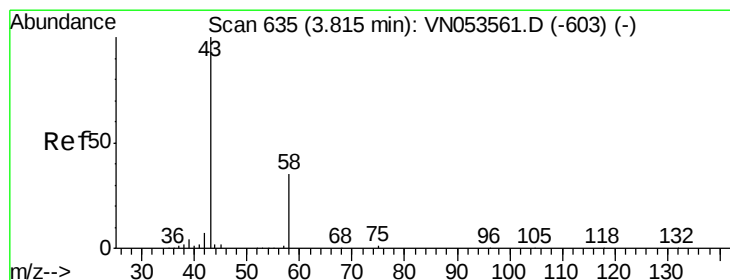
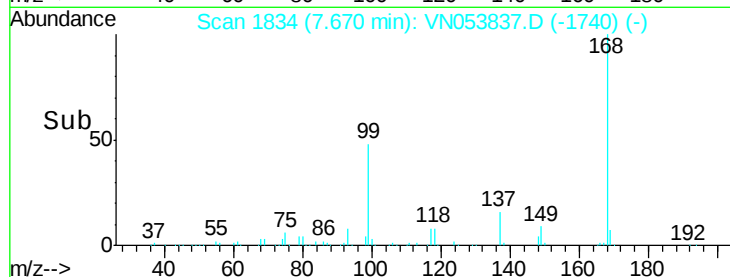


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



Time-->



#16

Acetone

Concen: 12.348 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053837.D

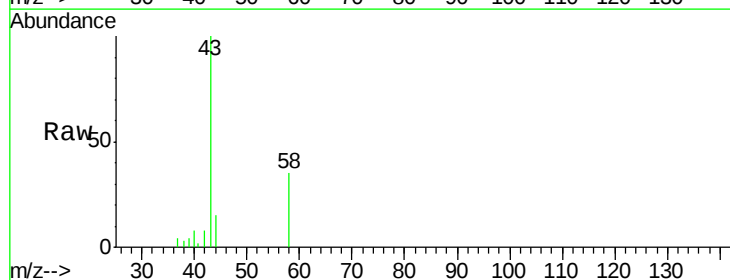
Acq: 18 Feb 2019 12:34

Tgt Ion: 43 Resp: 21042

Ion Ratio Lower Upper

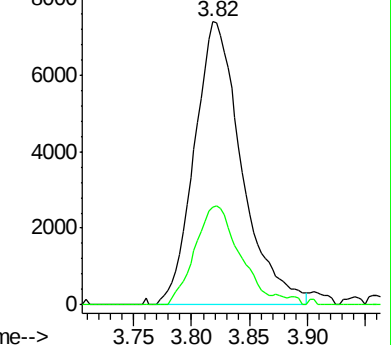
43 100

58 34.6 27.1 40.7

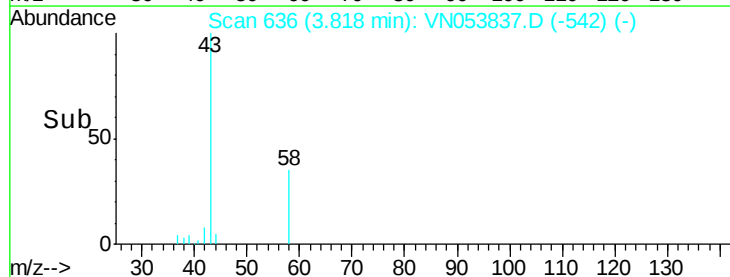


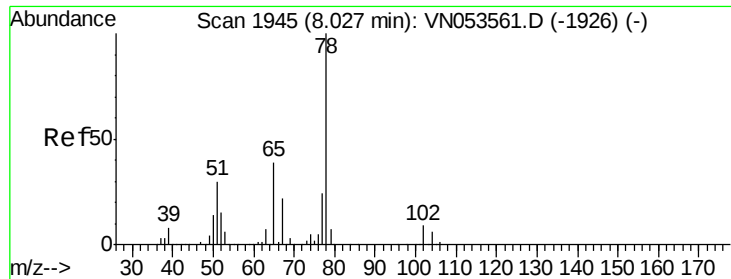
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.980 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053837.D

Acq: 18 Feb 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

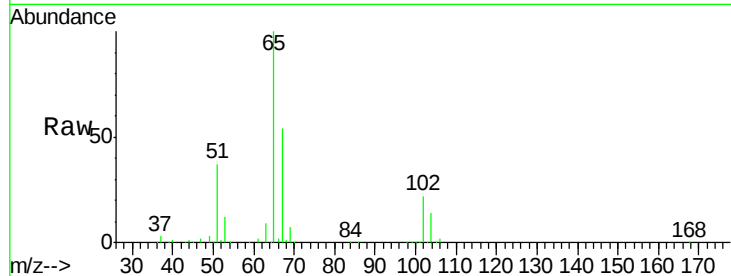
PB117159ZHE#01

Tot Ion: 65 Resp: 351961

Ion Ratio Lower Upper

65 100

67 54.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053837.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053837.D (-1852) (-)

8.03

150000

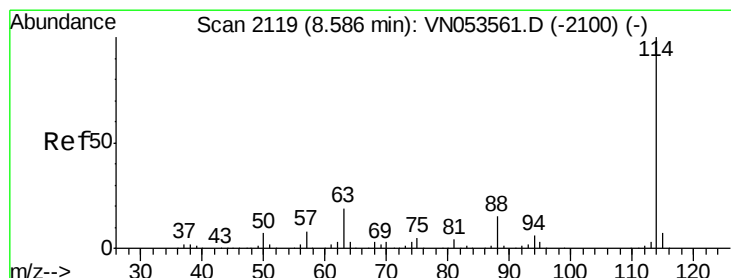
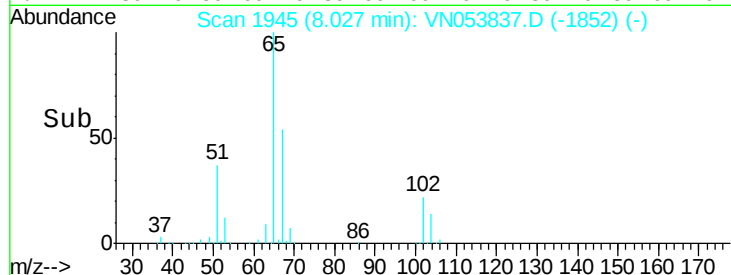
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053837.D

Acq: 18 Feb 2019 12:34

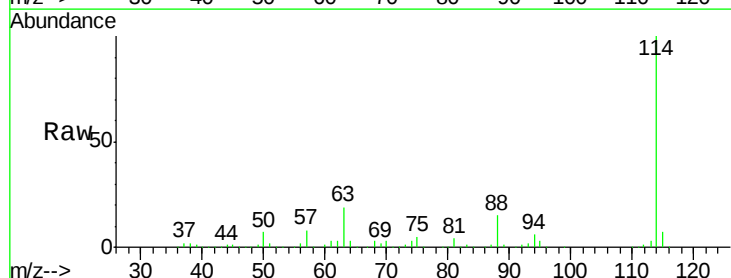
Tgt Ion: 114 Resp: 1104228

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053837.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053837.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053837.D (-2026) (-)

8.59

600000

500000

400000

300000

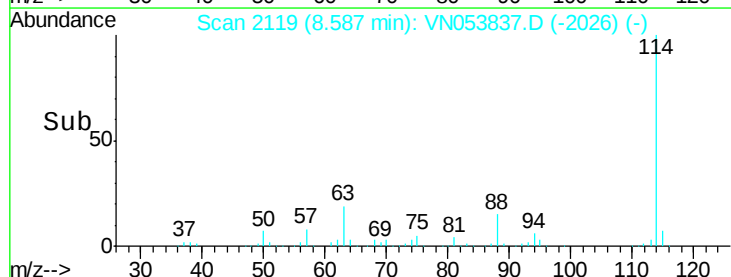
200000

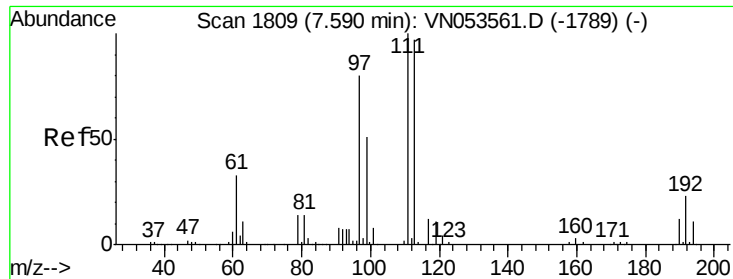
100000

0

8.40 8.60 8.80

Time-->

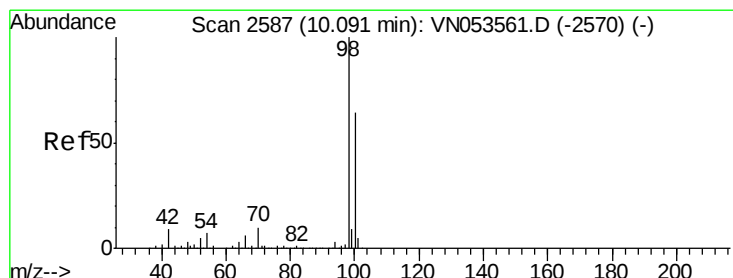
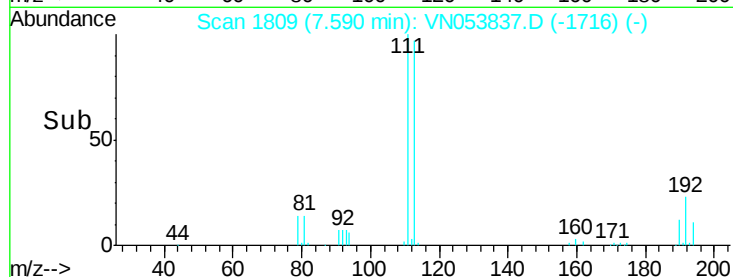
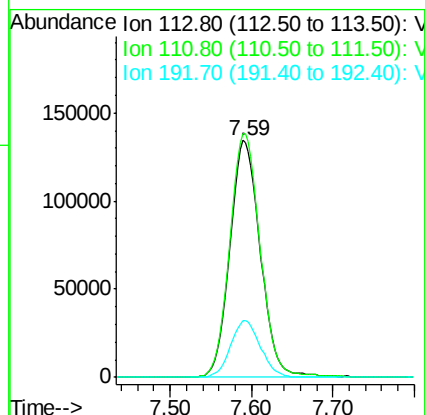
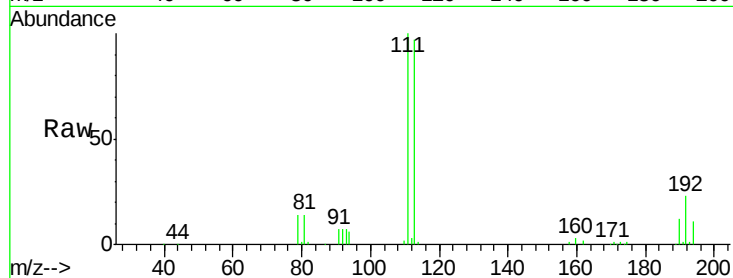




#35
Dibromofluoromethane
Concen: 50.370 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053837.D
Acq: 18 Feb 2019 12:34

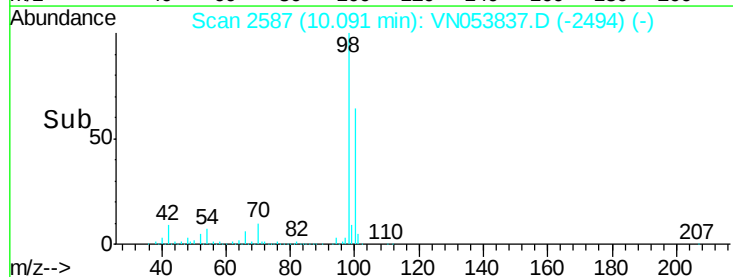
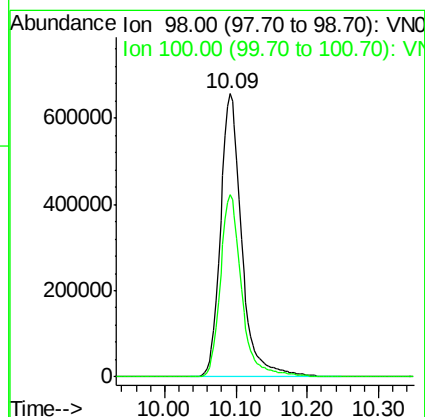
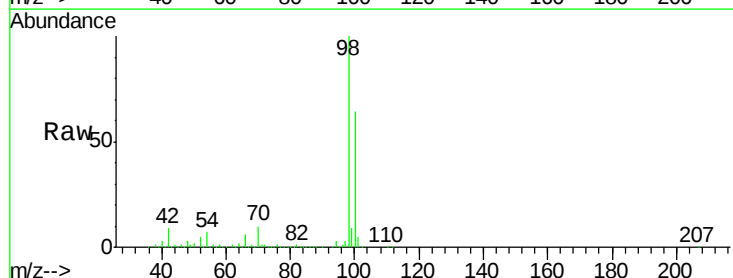
Instrument :
MSVOA_N
ClientSampleId :
PB117159ZHE#01

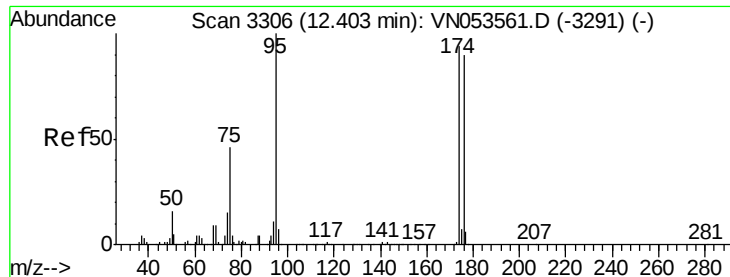
Tot Ion:113 Resp: 351446
Ion Ratio Lower Upper
113 100
111 103.4 81.1 121.7
192 23.5 18.2 27.2



#50
Toluene-d8
Concen: 51.651 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053837.D
Acq: 18 Feb 2019 12:34

Tgt Ion: 98 Resp: 1353165
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 54.498 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053837.D

Acq: 18 Feb 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#01

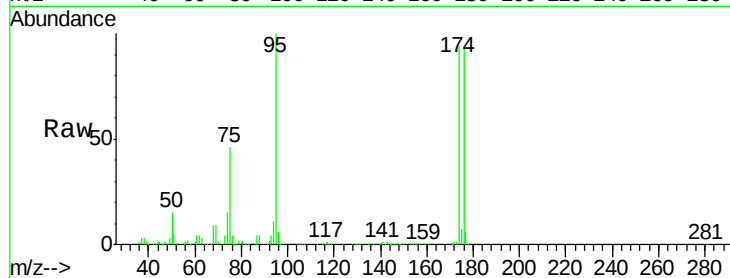
Tot Ion: 95 Resp: 476181

Ion Ratio Lower Upper

95 100

174 95.0 0.0 183.2

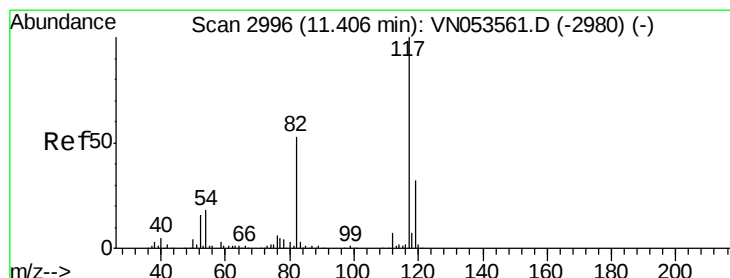
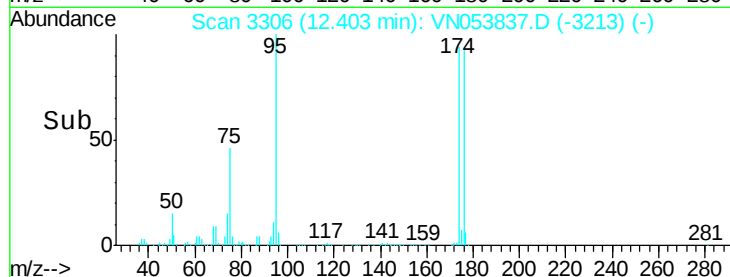
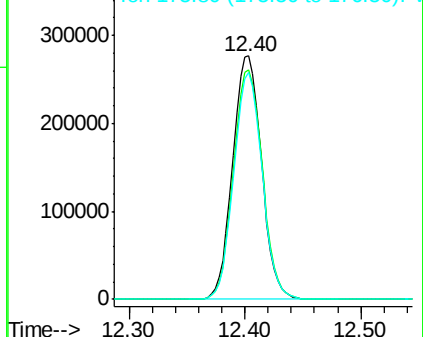
176 91.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053837.D

Acq: 18 Feb 2019 12:34

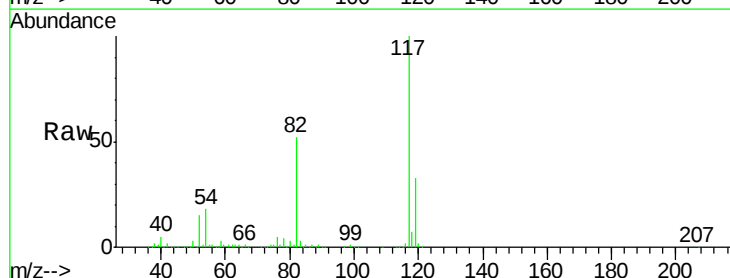
Tgt Ion: 117 Resp: 1129202

Ion Ratio Lower Upper

117 100

82 52.3 42.9 64.3

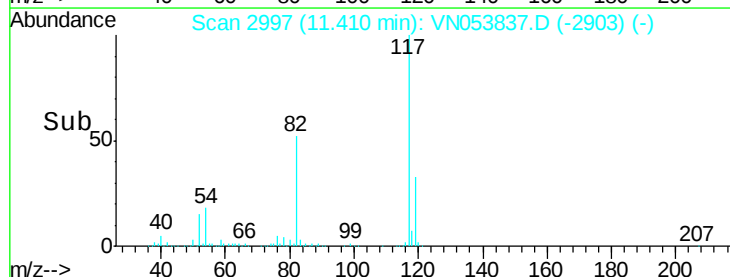
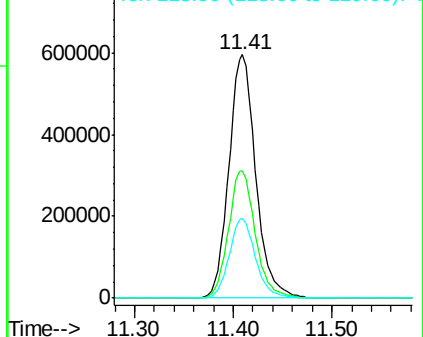
119 32.6 26.0 39.0

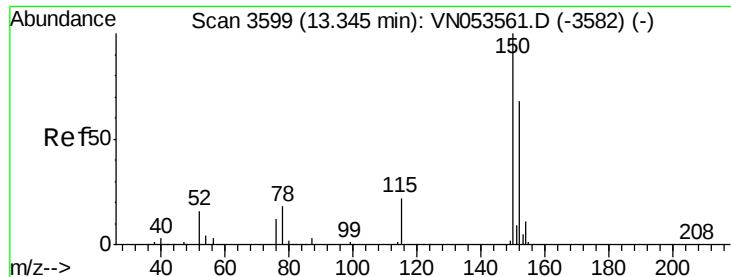


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053837.D

Acq: 18 Feb 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

PB117159ZHE#01

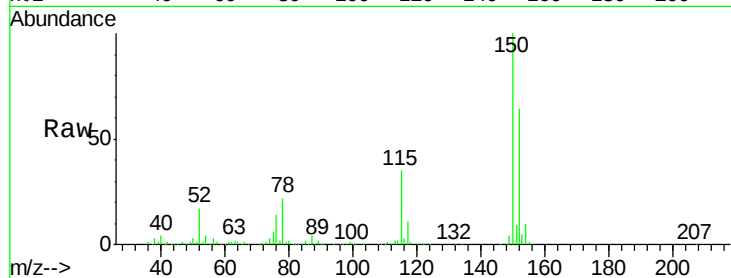
Tot Ion:152 Resp: 431584

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.4

150 156.1 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

