

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053811.D
 Acq On : 15 Feb 2019 20:12
 Operator : JC/SP
 Sample : PB117124ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117124ZHE#02

Quant Time: Feb 16 00:18:53 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

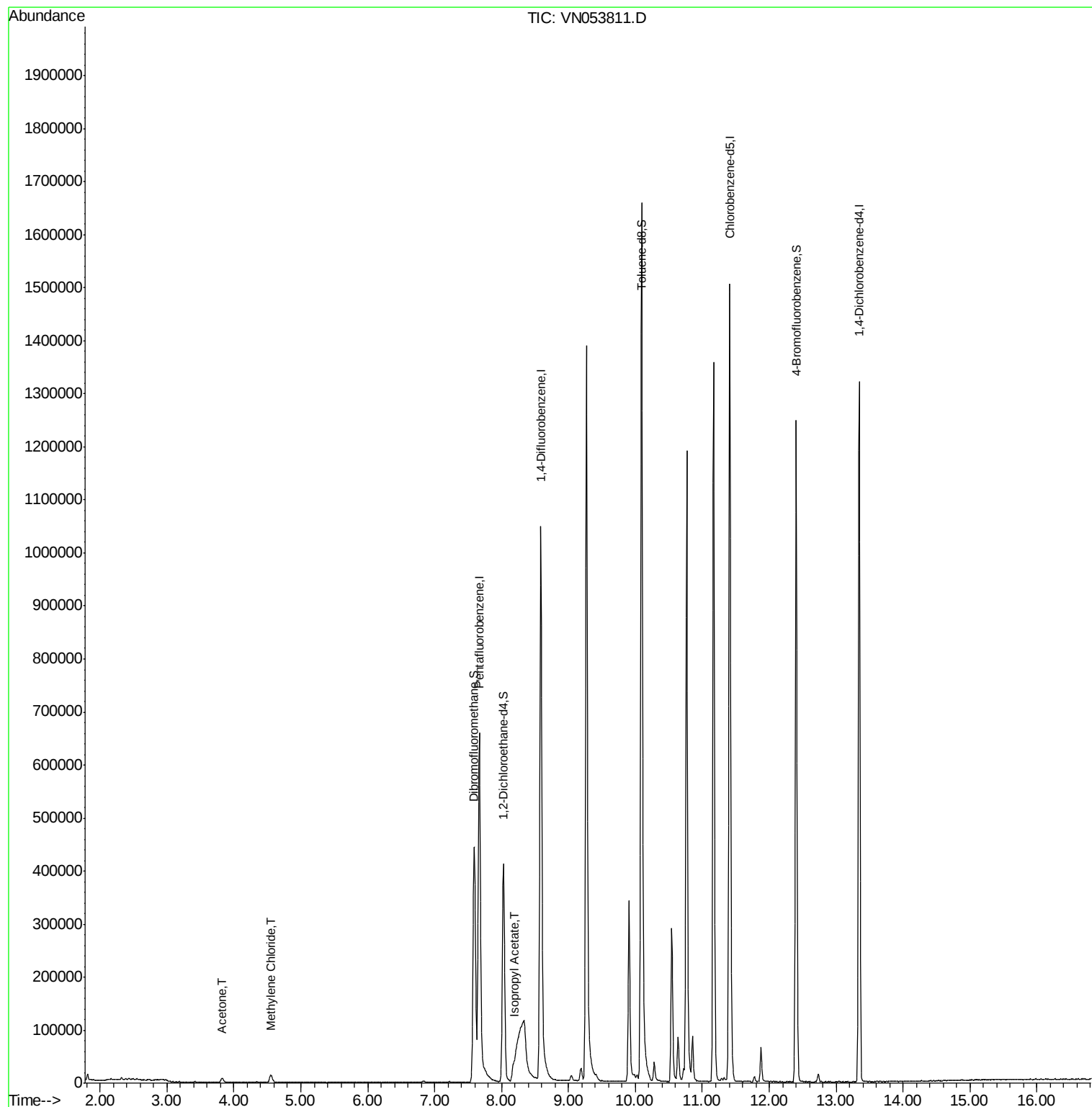
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	662149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1118451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1026273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	384811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	355754	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
35) Dibromofluoromethane	7.59	113	352388	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	10.09	98	1343521	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	12.40	95	435515	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
Target Compounds						
16) Acetone	3.82	43	14825	8.701	ug/l	100
20) Methylene Chloride	4.55	84	11304	1.581	ug/l	93
43) Isopropyl Acetate	8.18	43	36030	3.313	ug/l #	51

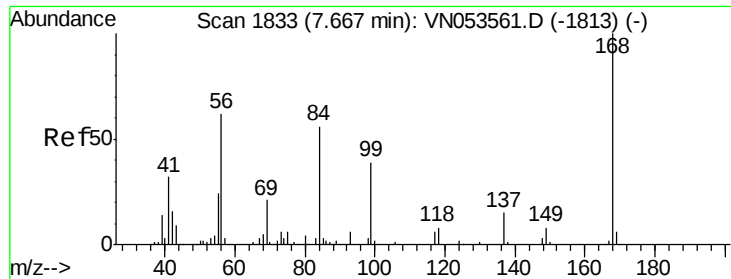
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053811.D

Acq: 15 Feb 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

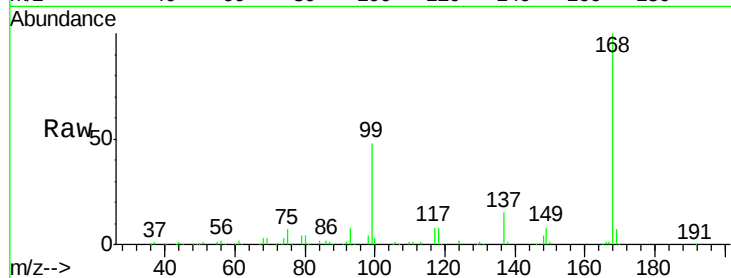
PB117124ZHE#02

Tot Ion:168 Resp: 662149

Ion Ratio Lower Upper

168 100

99 47.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053811.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053811.D (-1740) (-)

7.67

250000

200000

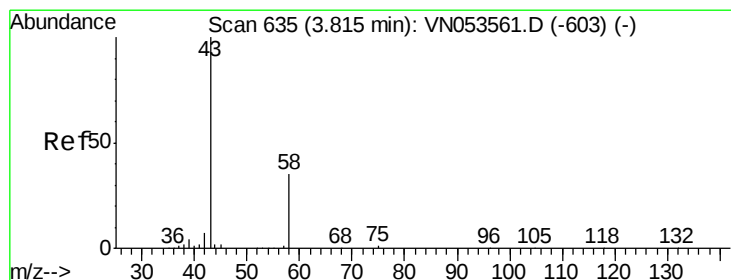
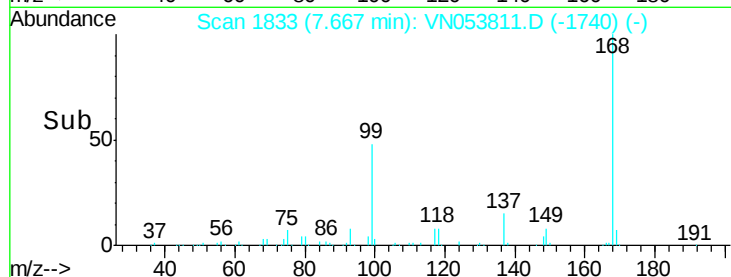
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 8.701 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053811.D

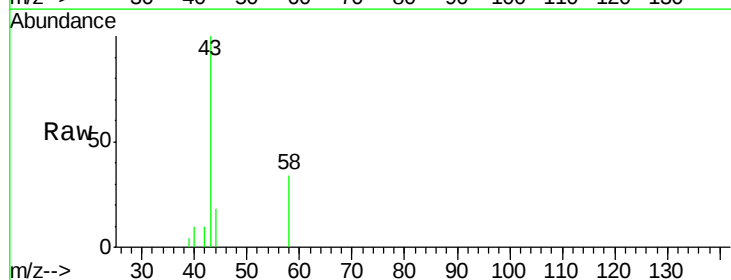
Acq: 15 Feb 2019 20:12

Tgt Ion: 43 Resp: 14825

Ion Ratio Lower Upper

43 100

58 34.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053811.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053811.D (-542) (-)

3.82

6000

5000

4000

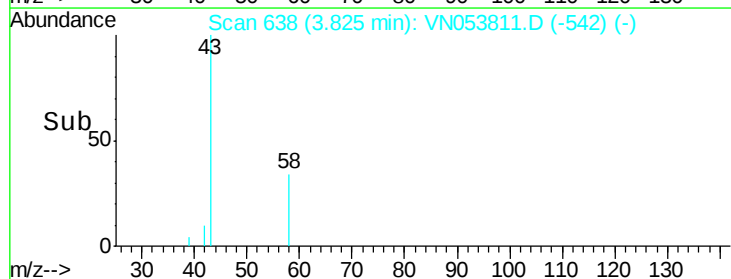
3000

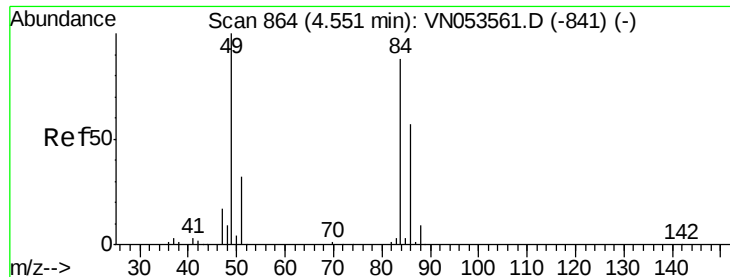
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90





#20

Methvlene Chloride

Concen: 1.581 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN053811.D

Acq: 15 Feb 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#02

Tot Ion: 84 Resp: 11304

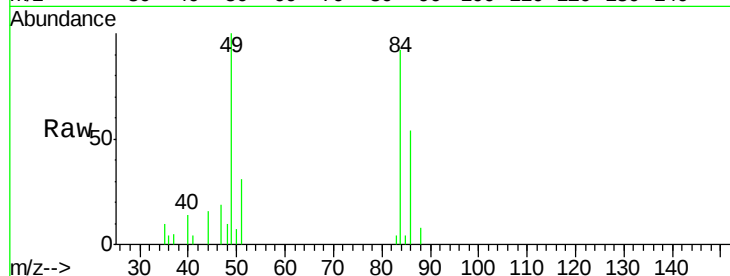
Ion Ratio Lower Upper

84 100

49 109.2 94.3 141.5

51 33.6 29.4 44.2

86 59.3 51.4 77.0

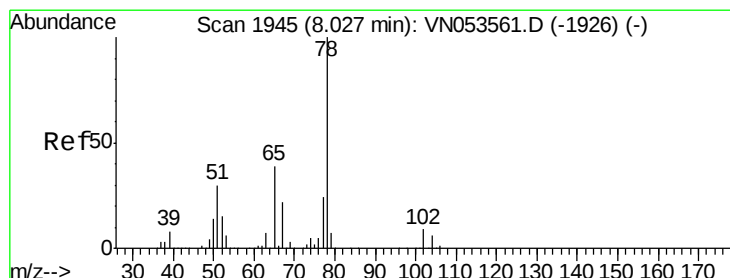
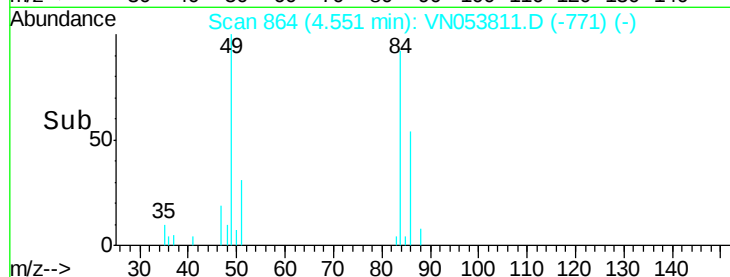
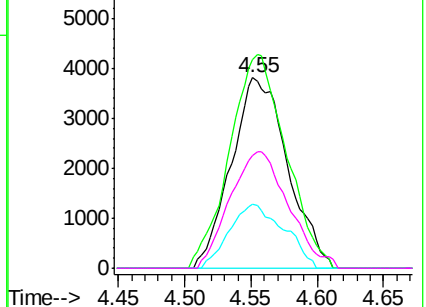


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 53.556 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053811.D

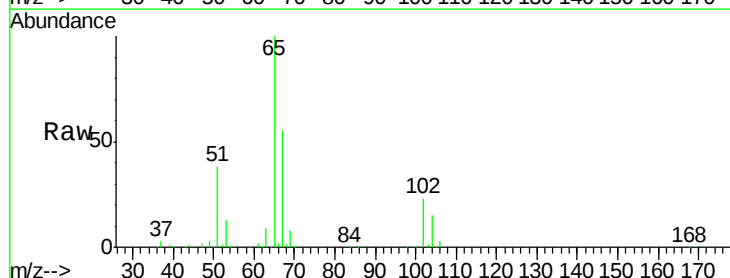
Acq: 15 Feb 2019 20:12

Tgt Ion: 65 Resp: 355754

Ion Ratio Lower Upper

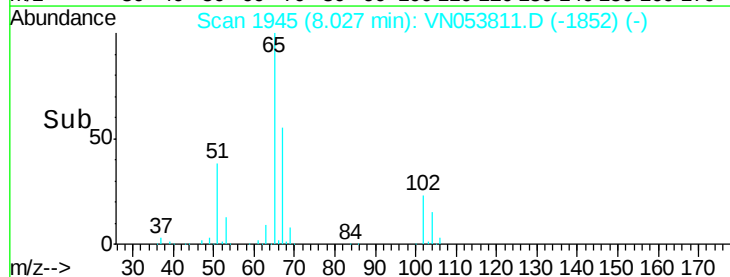
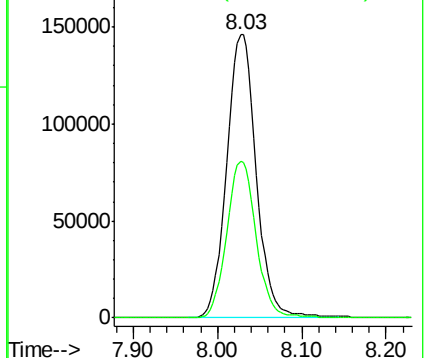
65 100

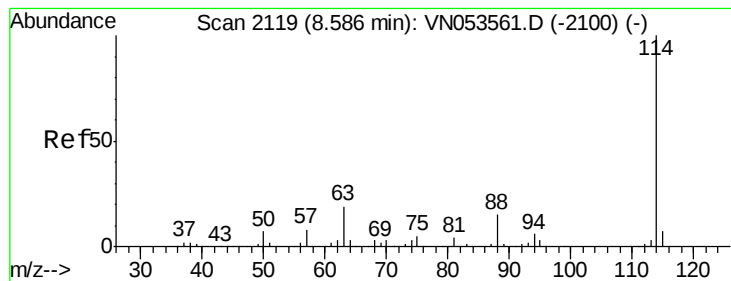
67 55.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053811.D

Acq: 15 Feb 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#02

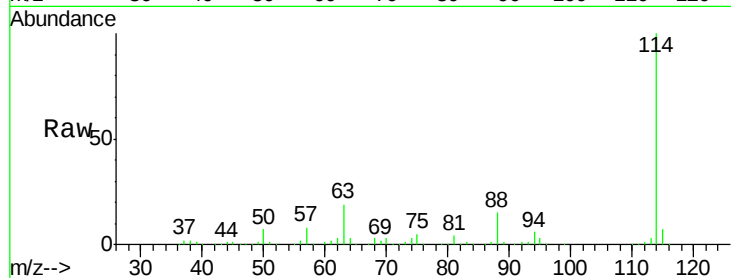
Tot Ion:114 Resp: 1118451

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

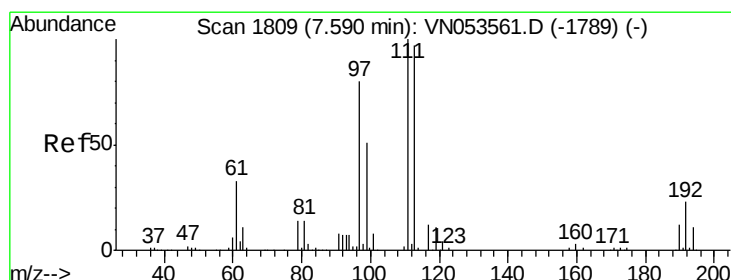
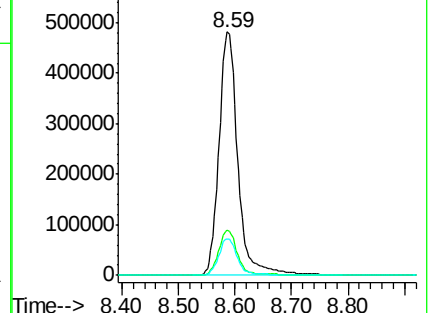
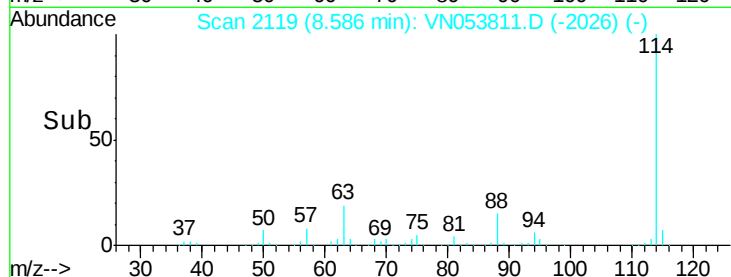
88 15.1 0.0 30.4



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: 49.863 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053811.D

Acq: 15 Feb 2019 20:12

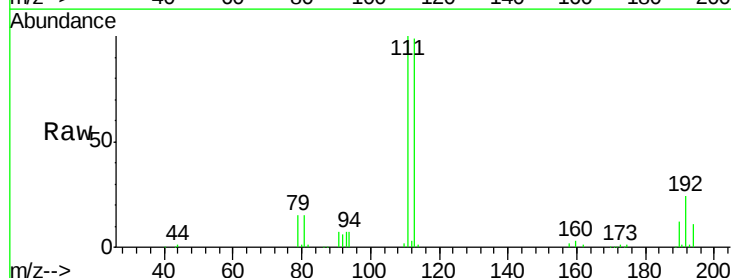
Tgt Ion:113 Resp: 352388

Ion Ratio Lower Upper

113 100

111 103.8 81.1 121.7

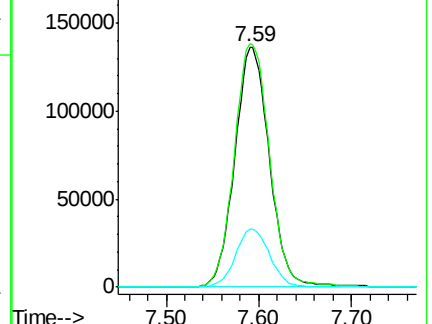
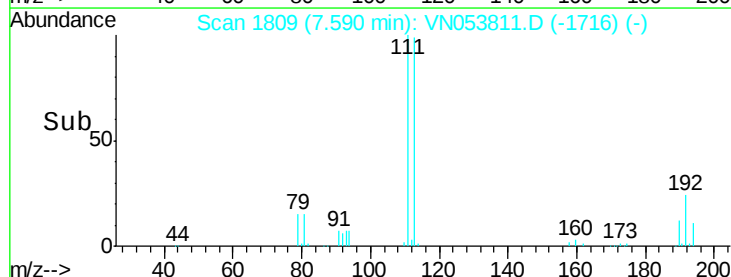
192 24.1 18.2 27.2

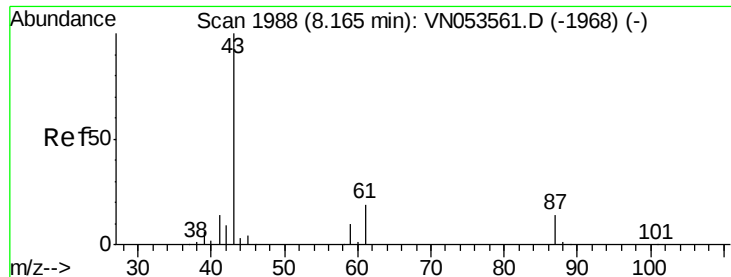


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.313 ug/l

RT: 8.18 min Scan# 1993

Delta R.T. 0.02 min

Lab File: VN053811.D

Acq: 15 Feb 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#02

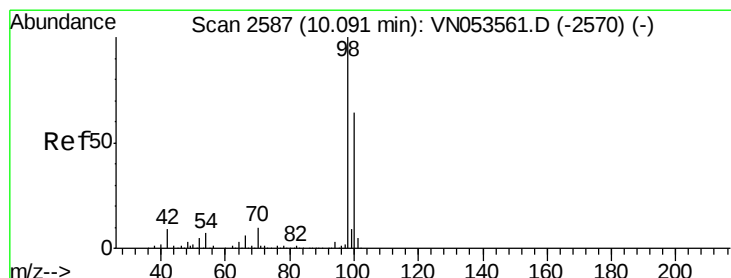
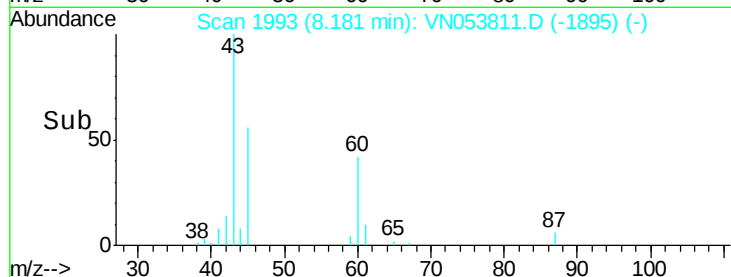
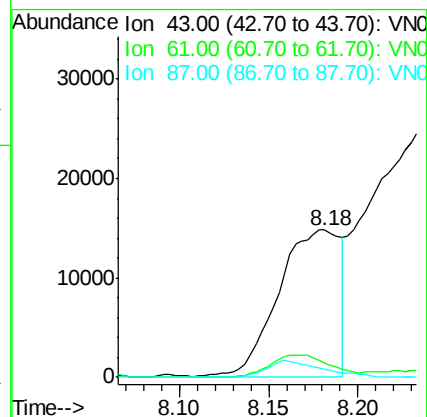
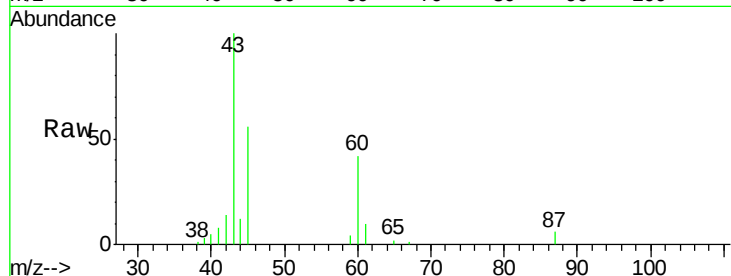
Tot Ion: 43 Resp: 36030

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

87 0.0 11.0 16.6#



#50

Toluene-d8

Concen: 50.630 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053811.D

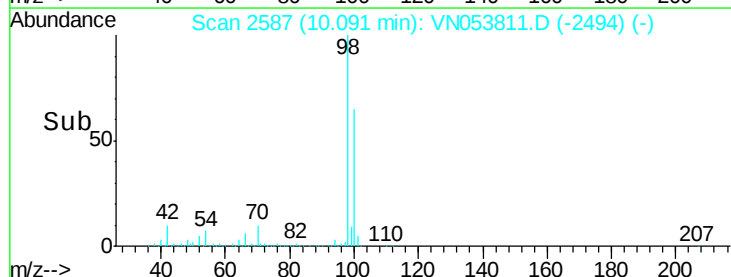
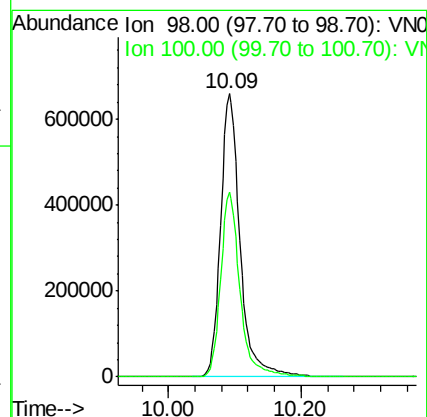
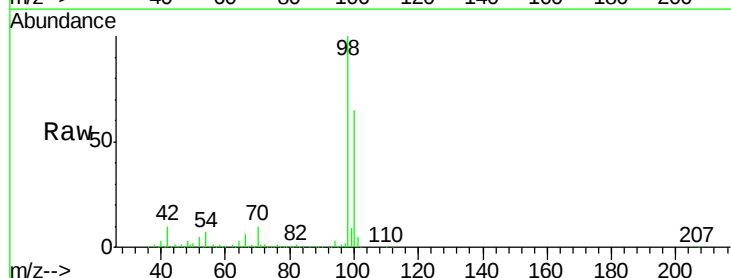
Acq: 15 Feb 2019 20:12

Tgt Ion: 98 Resp: 1343521

Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 49.210 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053811.D

Acq: 15 Feb 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#02

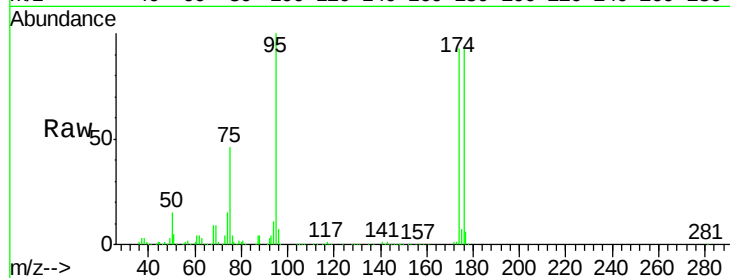
Tot Ion: 95 Resp: 435515

Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.2

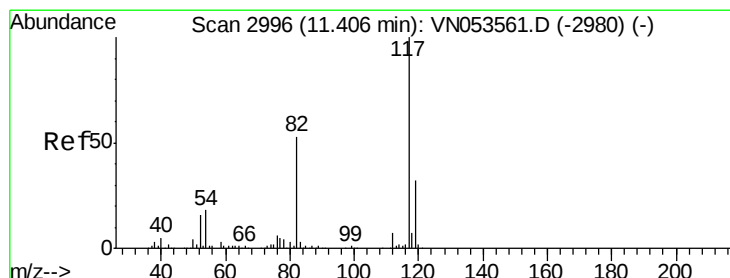
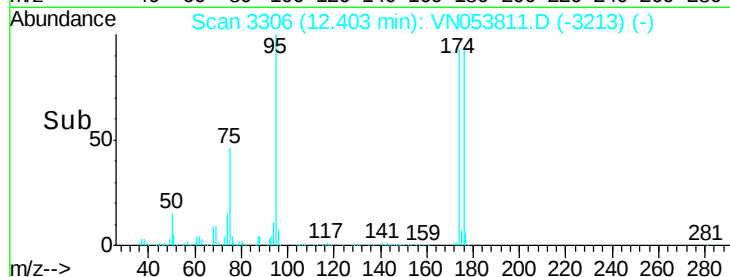
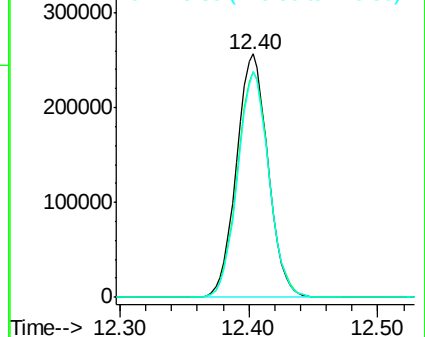
176 91.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053811.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053811.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053811.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053811.D

Acq: 15 Feb 2019 20:12

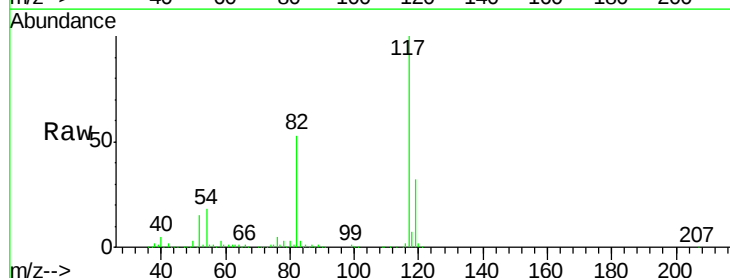
Tgt Ion: 117 Resp: 1026273

Ion Ratio Lower Upper

117 100

82 53.3 42.9 64.3

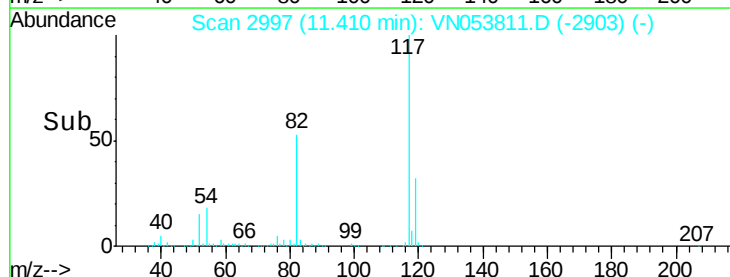
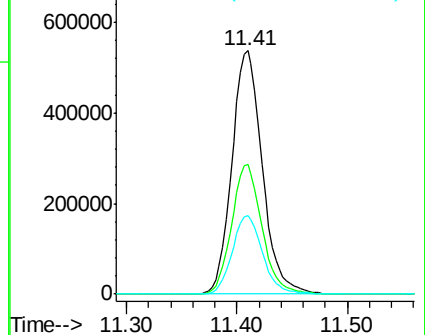
119 32.2 26.0 39.0

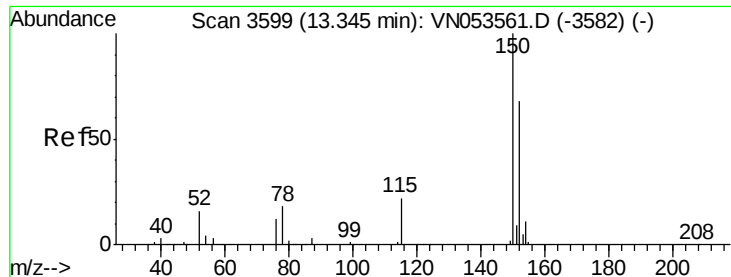


Abundance Ion 116.90 (116.60 to 117.60): VN053811.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053811.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053811.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053811.D

Acq: 15 Feb 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#02

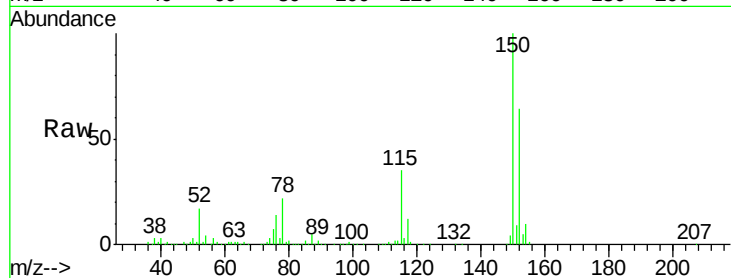
Tot Ion:152 Resp: 384811

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

150 157.6 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

