

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053724.D
 Acq On : 12 Feb 2019 12:25
 Operator : JC/SP
 Sample : PB117023TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117023TB

Quant Time: Feb 13 04:43:44 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

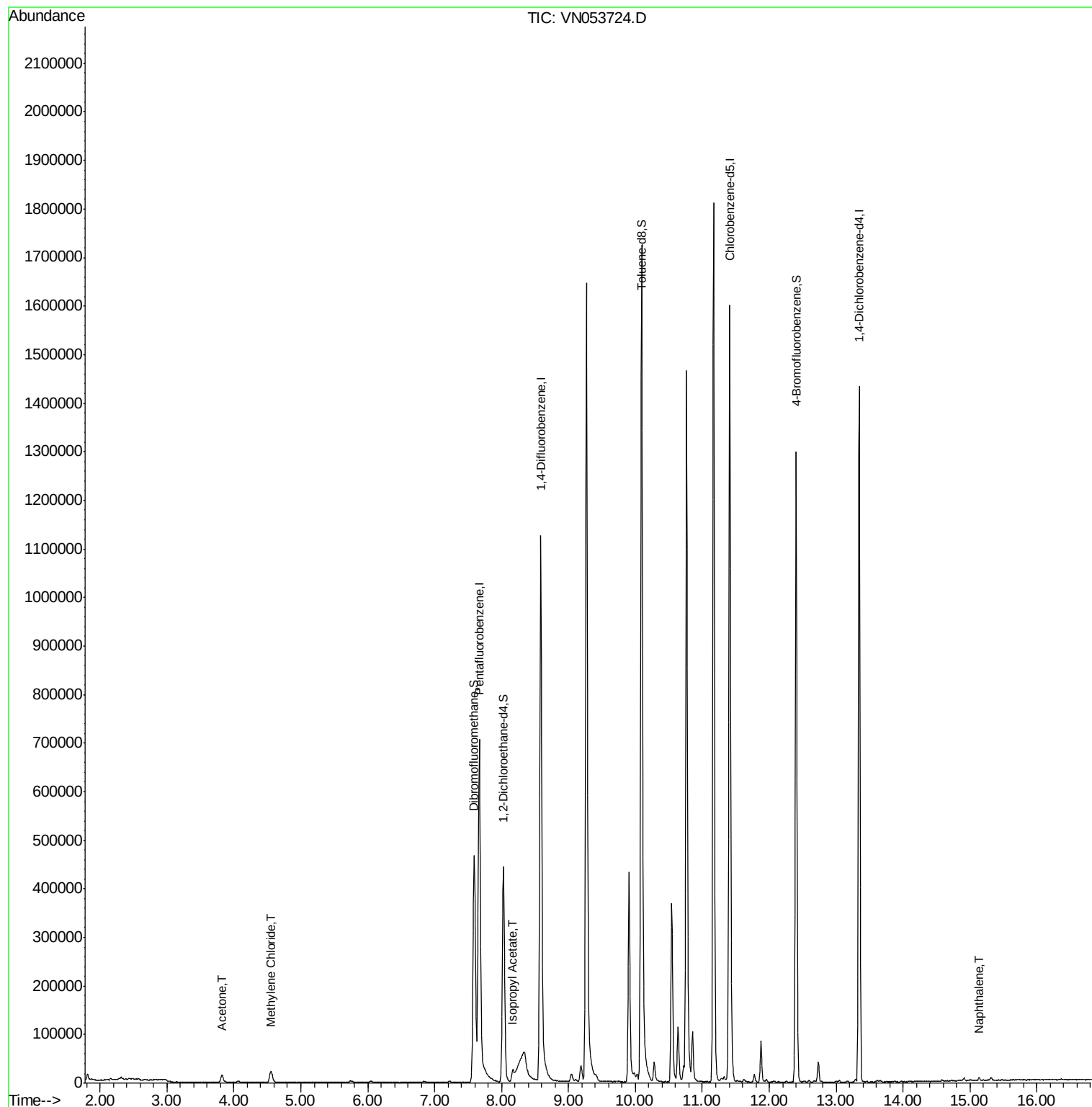
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	713038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1162611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1071076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	422102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	376419	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
35) Dibromofluoromethane	7.59	113	368734	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	10.09	98	1412560	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.40	95	465373	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
Target Compounds						
16) Acetone	3.82	43	26472	14.428	ug/l	99
20) Methylene Chloride	4.55	84	18453	2.397	ug/l	90
43) Isopropyl Acetate	8.17	43	33536	2.967	ug/l #	88
95) Naphthalene	15.13	128	6532	2.076	ug/l #	94

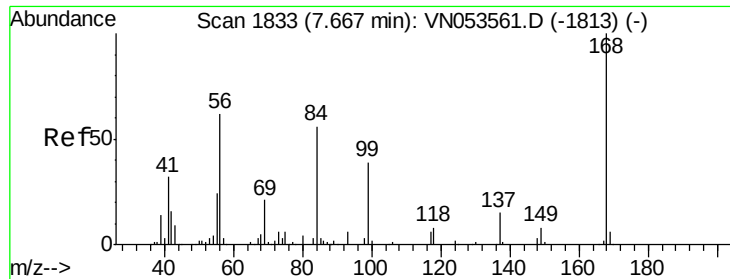
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

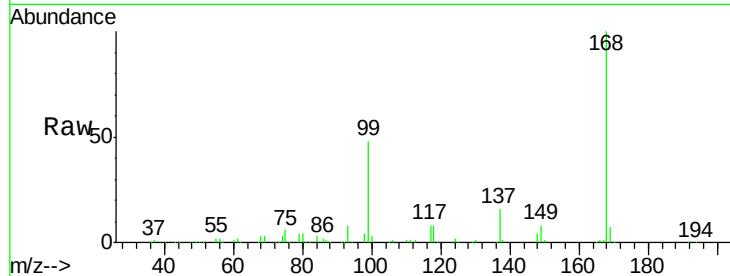
PB117023TB

Tot Ion:168 Resp: 713038

Ion Ratio Lower Upper

168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

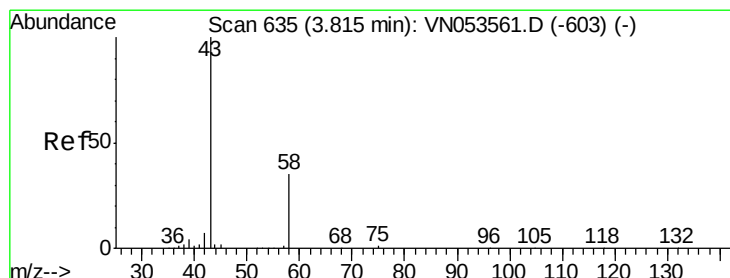
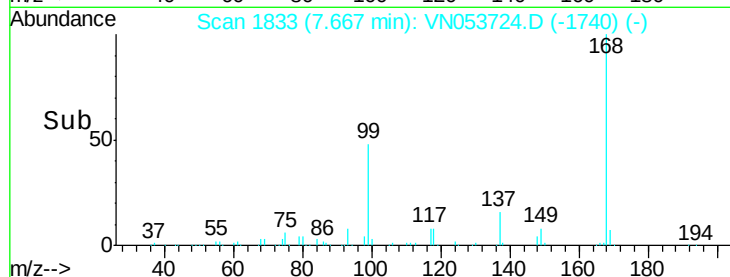
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 14.428 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053724.D

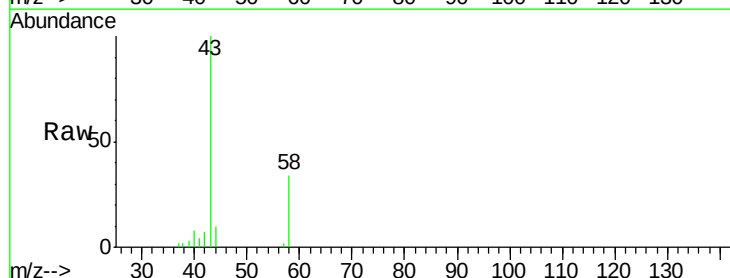
Acq: 12 Feb 2019 12:25

Tgt Ion: 43 Resp: 26472

Ion Ratio Lower Upper

43 100

58 34.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

10000

8000

6000

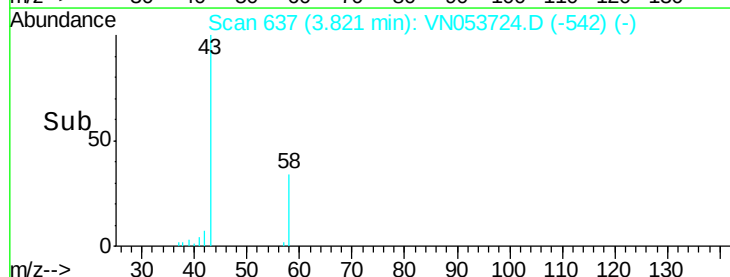
4000

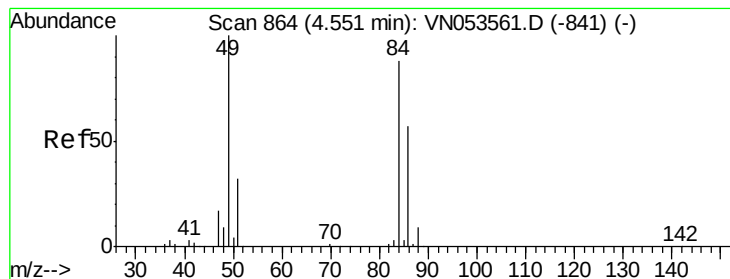
2000

0

Time-->

3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 2.397 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

PB117023TB

Tot Ion: 84 Resp: 18453

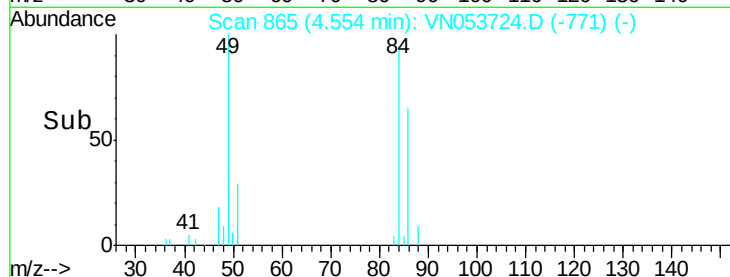
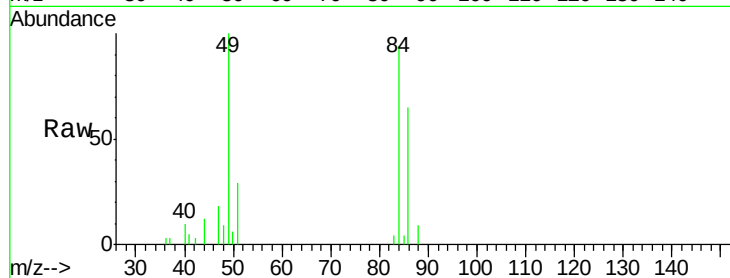
Ion Ratio Lower Upper

84 100

49 105.9 94.3 141.5

51 30.5 29.4 44.2

86 69.2 51.4 77.0

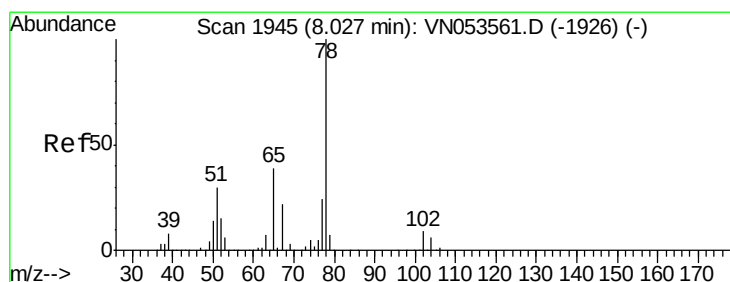
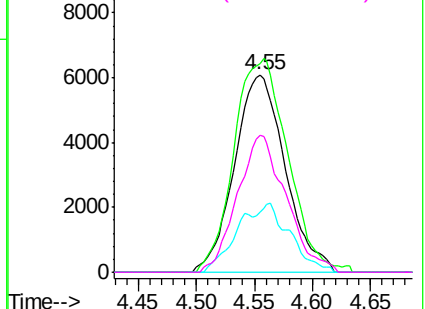


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.623 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053724.D

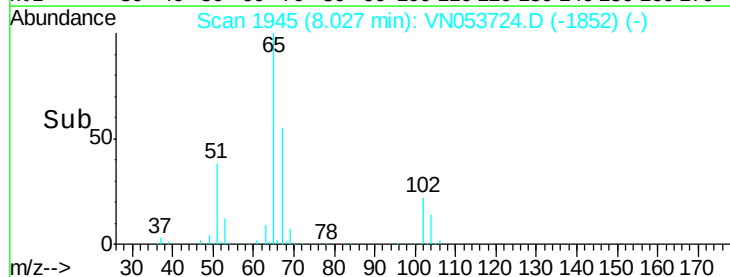
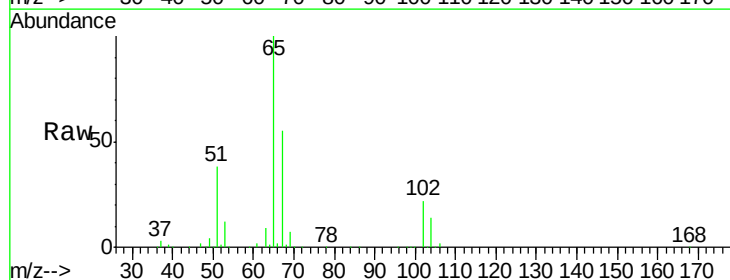
Acq: 12 Feb 2019 12:25

Tgt Ion: 65 Resp: 376419

Ion Ratio Lower Upper

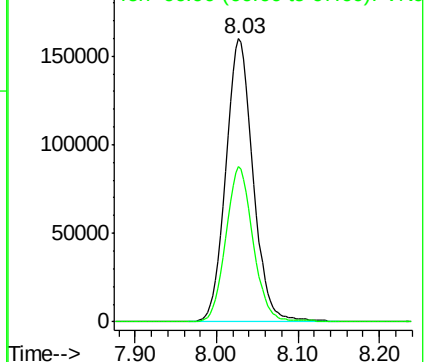
65 100

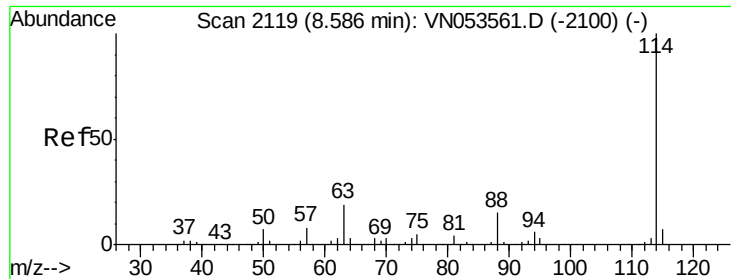
67 54.9 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

PB117023TB

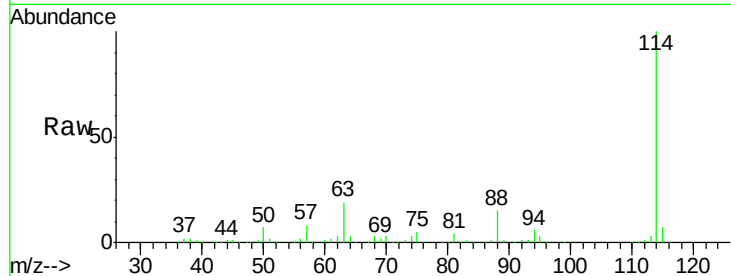
Tot Ion:114 Resp: 1162611

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

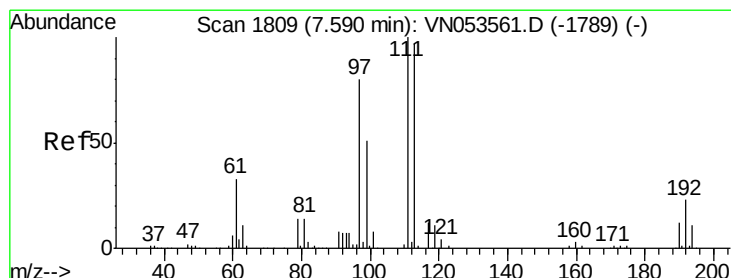
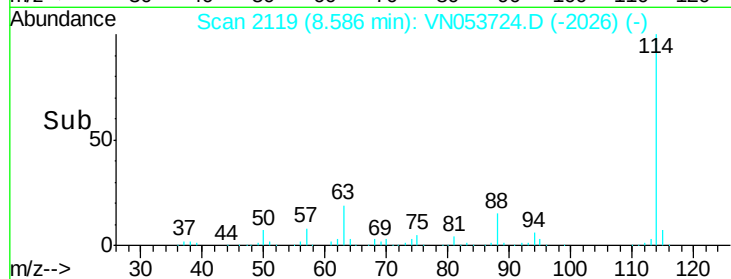
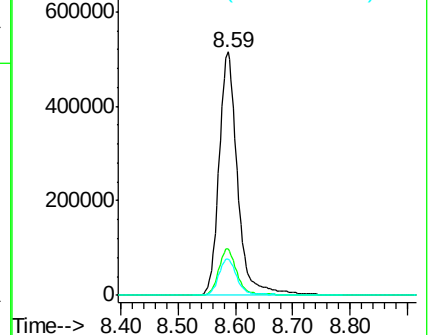
88 15.1 0.0 30.4



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: 50.194 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

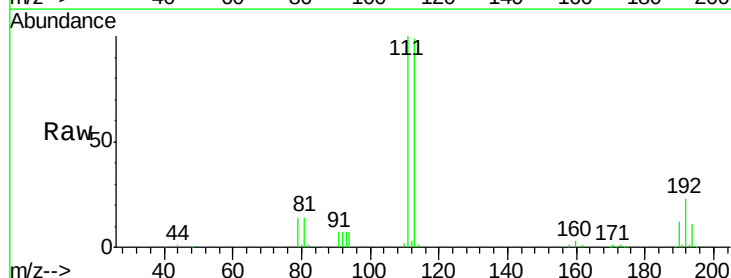
Tgt Ion:113 Resp: 368734

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

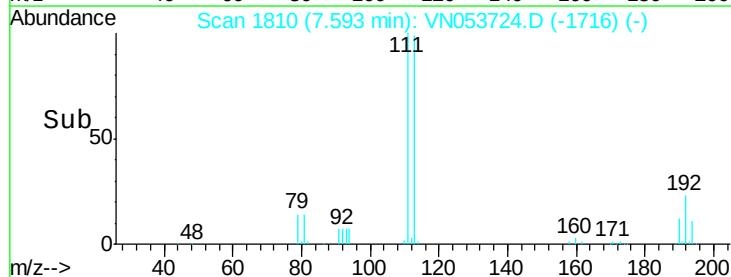
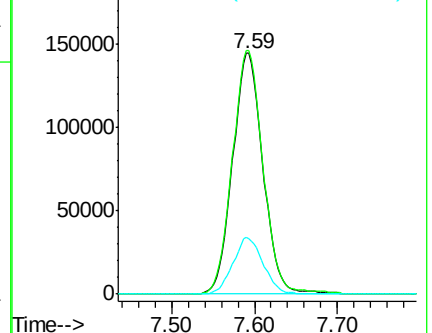
192 23.5 18.2 27.2

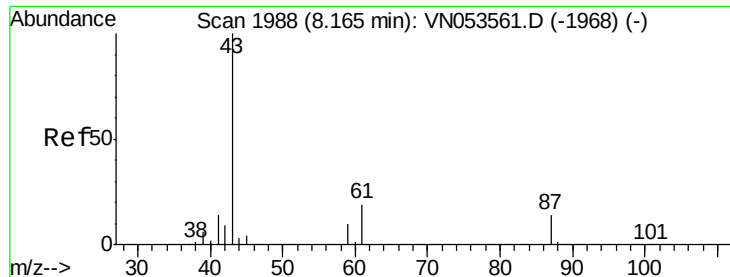


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.967 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

PB117023TB

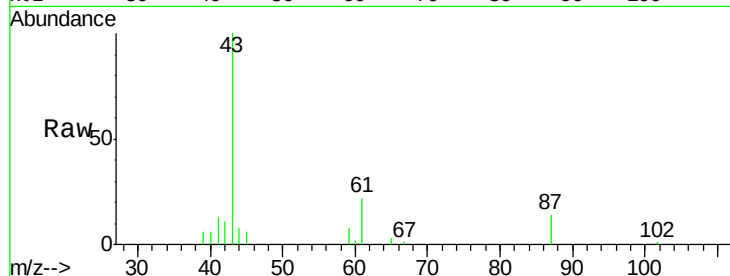
Tot Ion: 43 Resp: 33536

Ion Ratio Lower Upper

43 100

61 21.1 23.9 35.9#

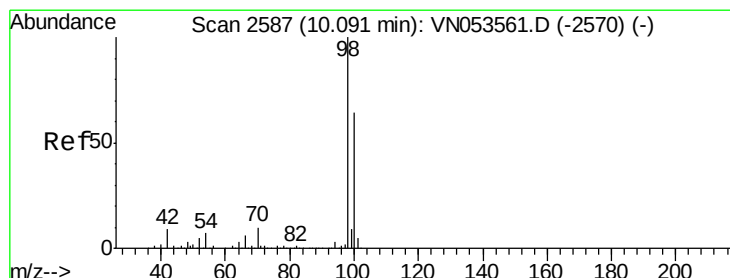
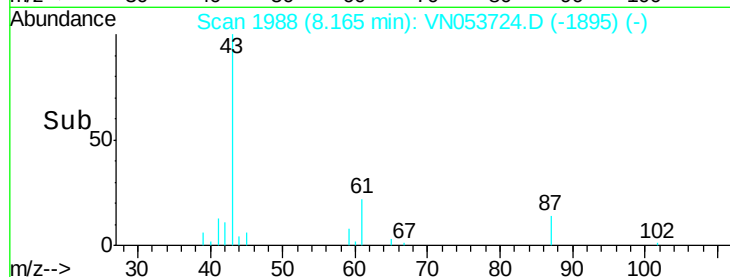
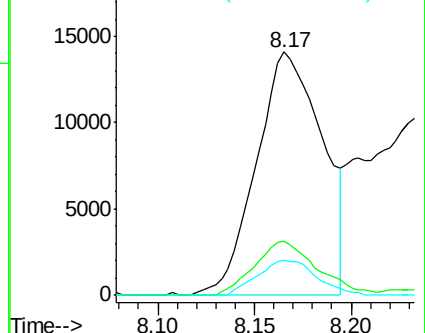
87 12.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.210 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053724.D

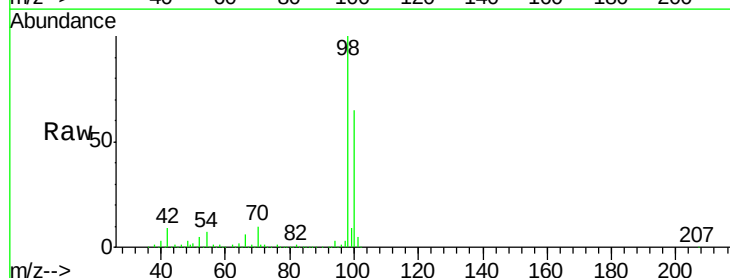
Acq: 12 Feb 2019 12:25

Tgt Ion: 98 Resp: 1412560

Ion Ratio Lower Upper

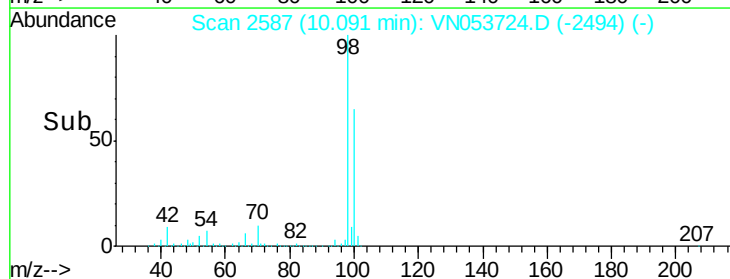
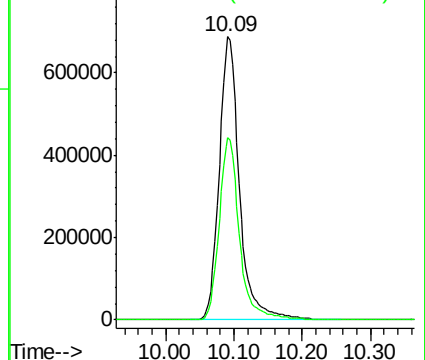
98 100

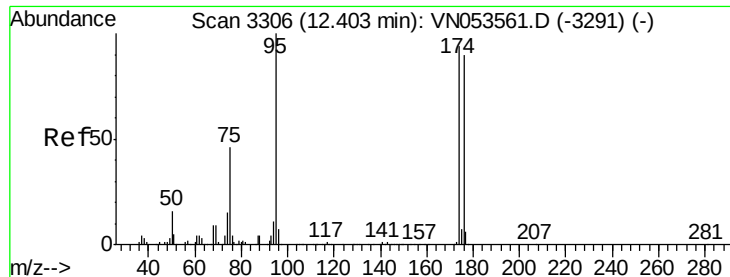
100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.586 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

PB117023TB

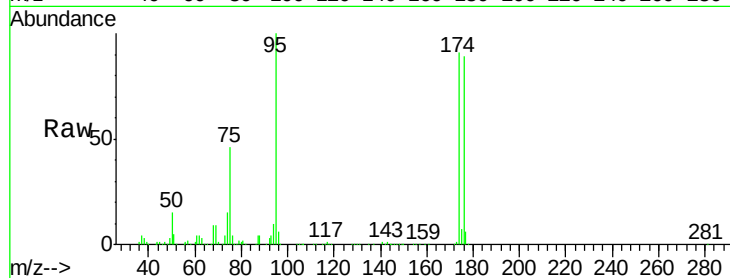
Tot Ion: 95 Resp: 465373

Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.2

176 90.6 0.0 177.4

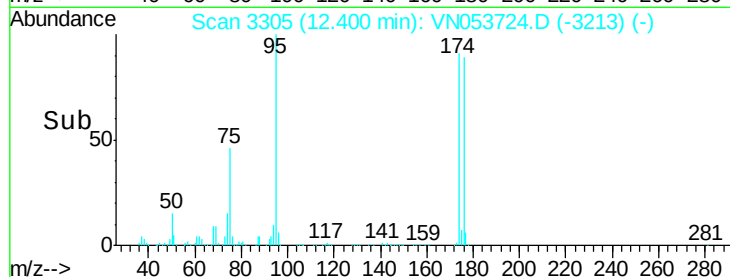


Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

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

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

Time--> 12.30 12.40 12.50

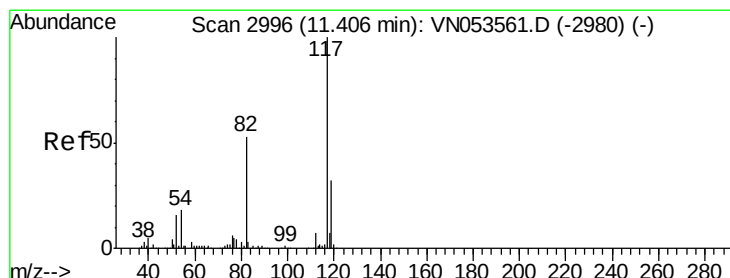


Abundance Ion 94.90 (94.60 to 95.60): VN053724.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053724.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053724.D (-3213) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

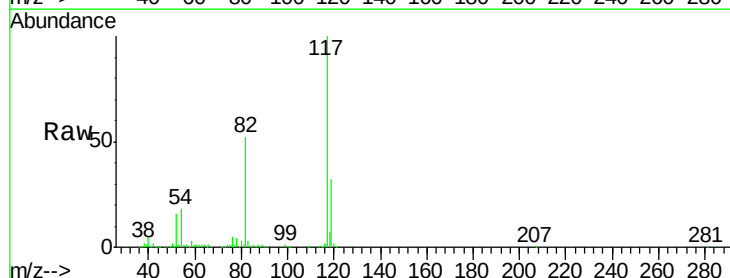
Tgt Ion: 117 Resp: 1071076

Ion Ratio Lower Upper

117 100

82 51.8 42.9 64.3

119 32.3 26.0 39.0

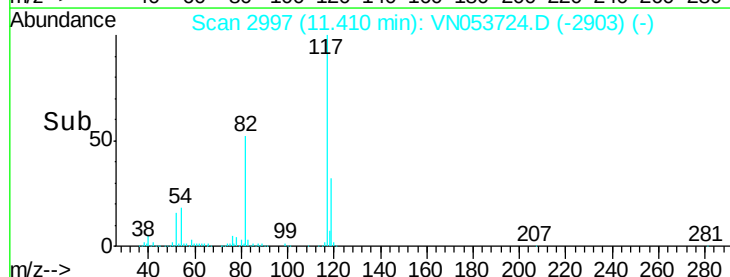


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

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

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

Time--> 11.30 11.40 11.50

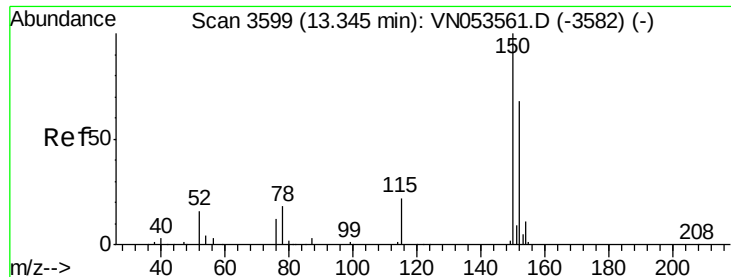


Abundance Ion 116.90 (116.60 to 117.60): VN053724.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053724.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053724.D (-2903) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

PB117023TB

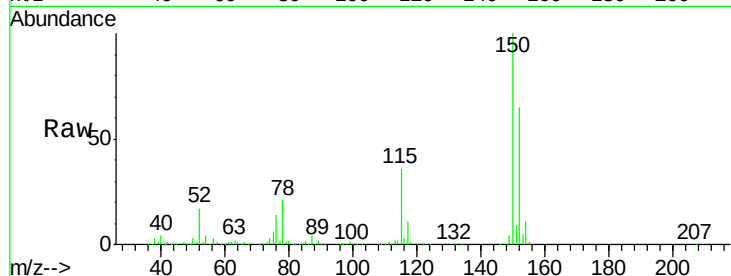
Tot Ion:152 Resp: 422102

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

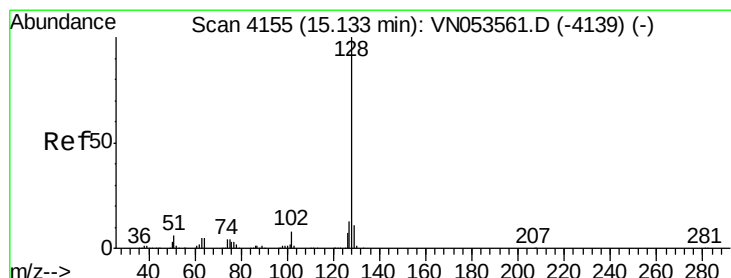
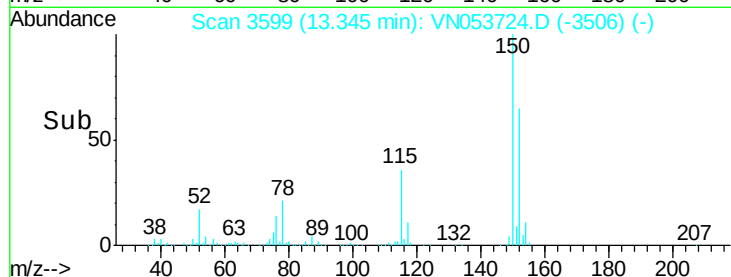
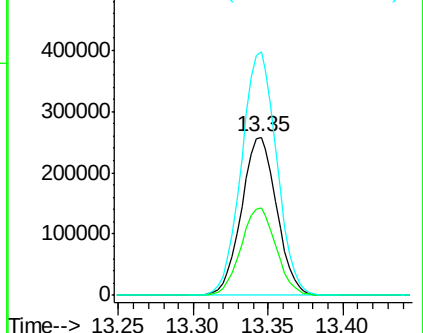
150 154.9 0.0 349.0



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



#95

Naphthalene

Concen: 2.076 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053724.D

Acq: 12 Feb 2019 12:25

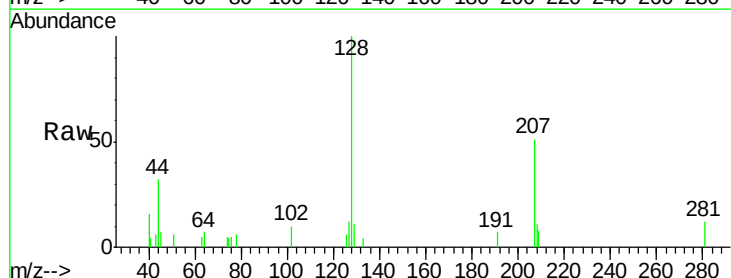
Tgt Ion:128 Resp: 6532

Ion Ratio Lower Upper

128 100

127 10.5 10.3 15.5

129 8.5 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

