

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053809.D
 Acq On : 15 Feb 2019 19:19
 Operator : JC/SP
 Sample : PB117124TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117124TB

Quant Time: Feb 16 00:16:51 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

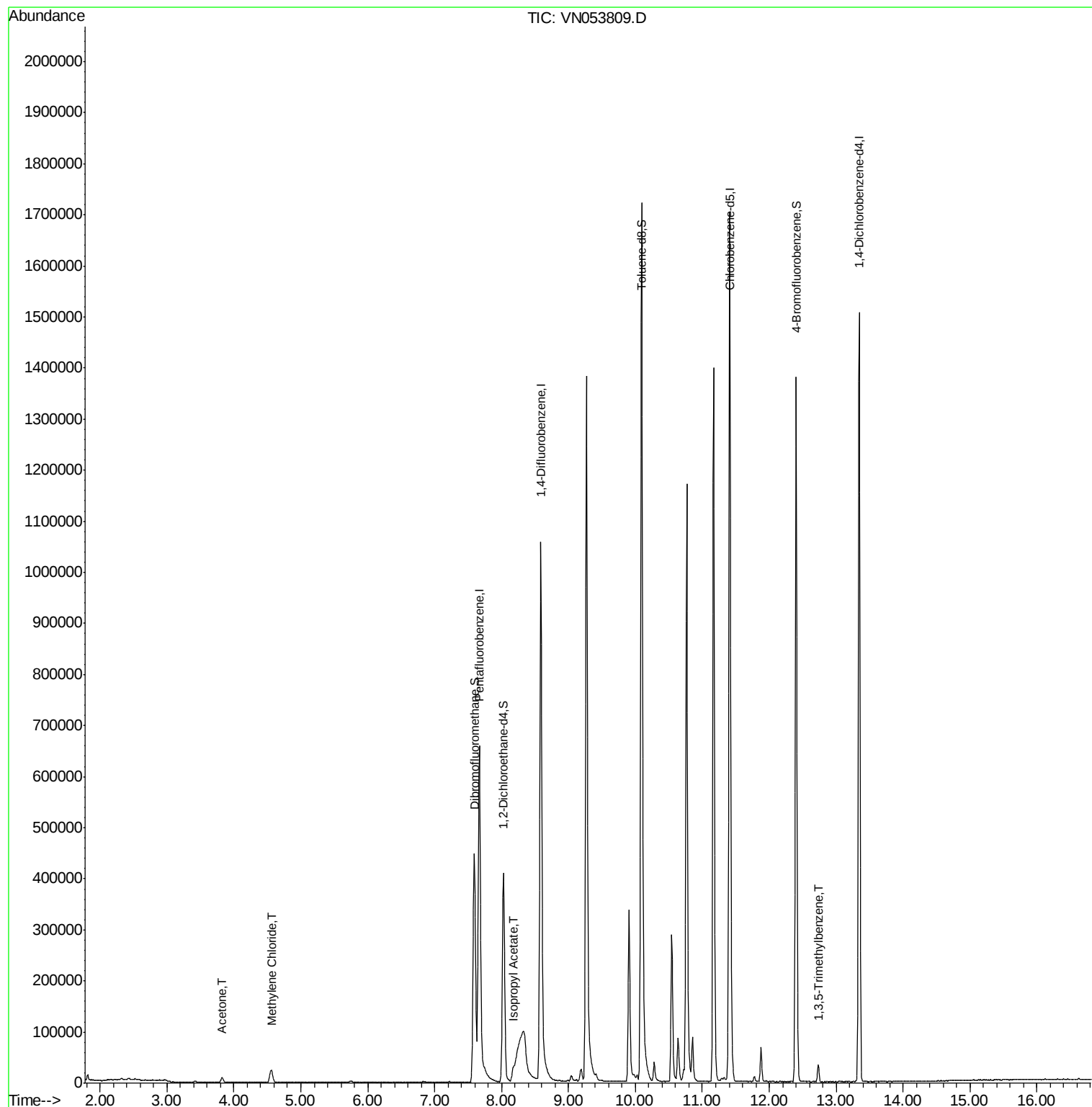
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	665420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1109506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1143121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	445823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	354084	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
35) Dibromofluoromethane	7.59	113	352920	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
50) Toluene-d8	10.09	98	1403981	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.40	95	484844	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
Target Compounds						
16) Acetone	3.82	43	16590	9.689	ug/l	96
20) Methylene Chloride	4.56	84	20001	2.784	ug/l	96
43) Isopropyl Acetate	8.17	43	34123	3.163	ug/l #	78
80) 1,3,5-Trimethylbenzene	12.73	105	17701	0.681	ug/l	100

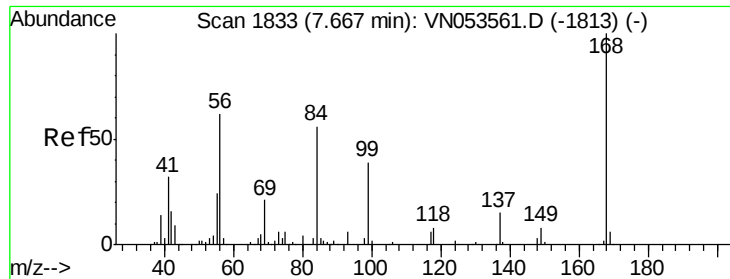
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053809.D

Acq: 15 Feb 2019 19:19

Instrument :

MSVOA_N

ClientSampleId :

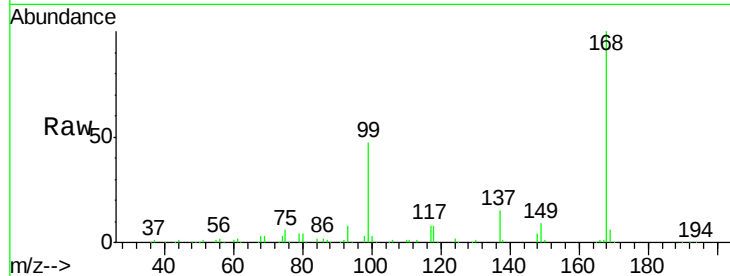
PB117124TB

Tot Ion:168 Resp: 665420

Ion Ratio Lower Upper

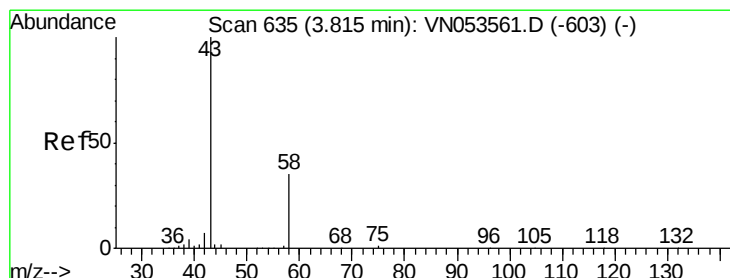
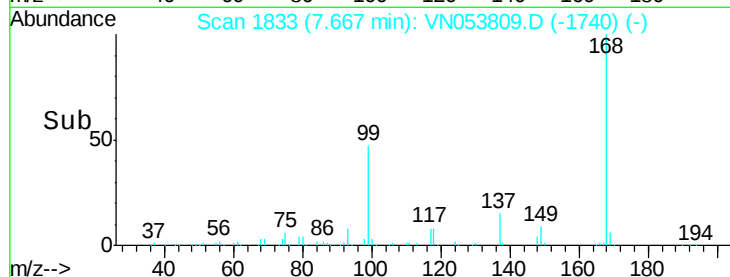
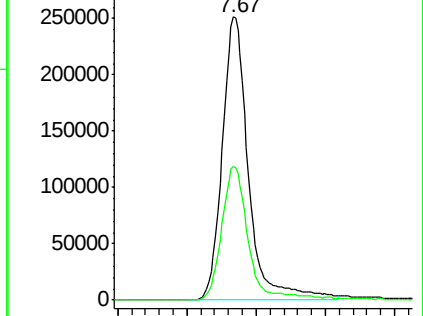
168 100

99 47.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.689 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053809.D

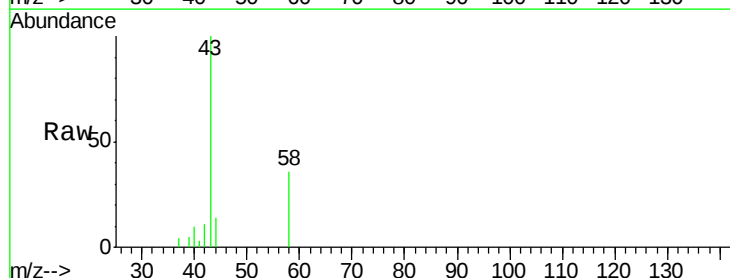
Acq: 15 Feb 2019 19:19

Tgt Ion: 43 Resp: 16590

Ion Ratio Lower Upper

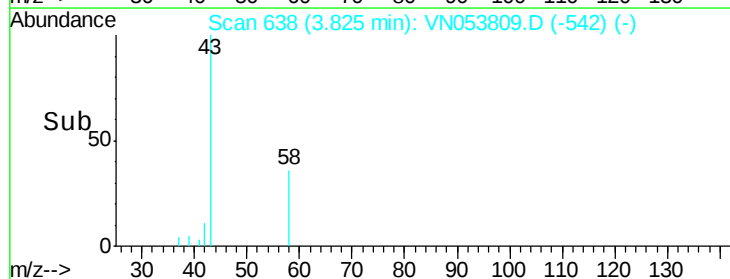
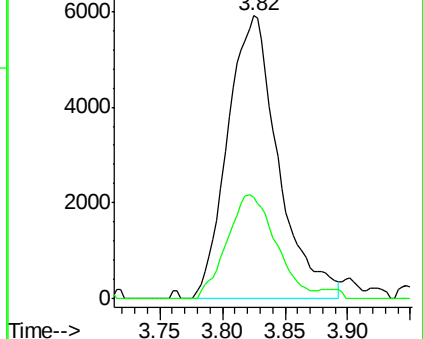
43 100

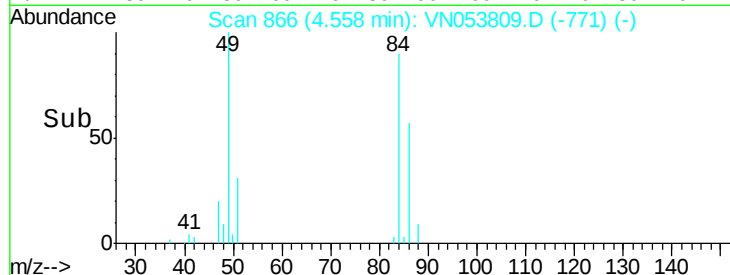
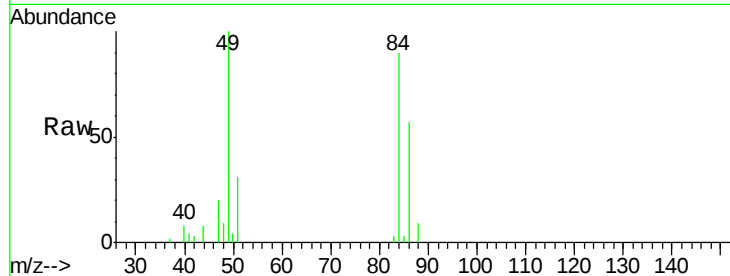
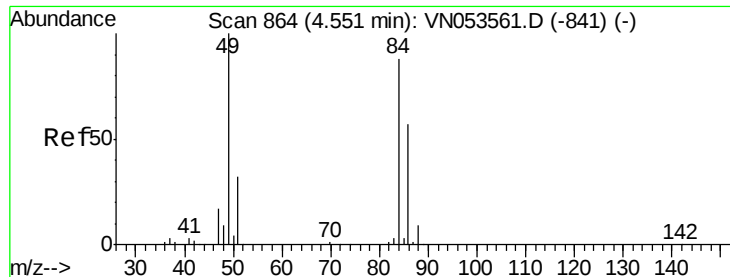
58 36.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

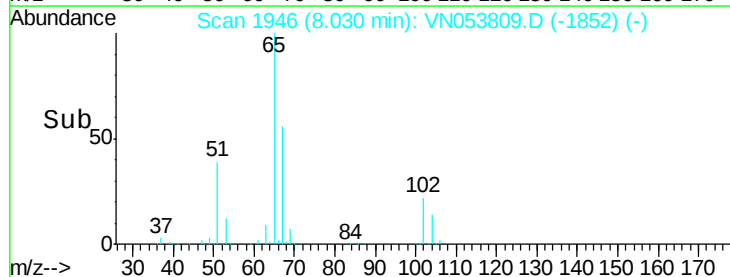
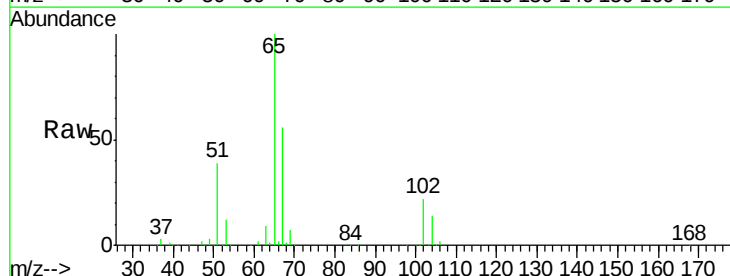
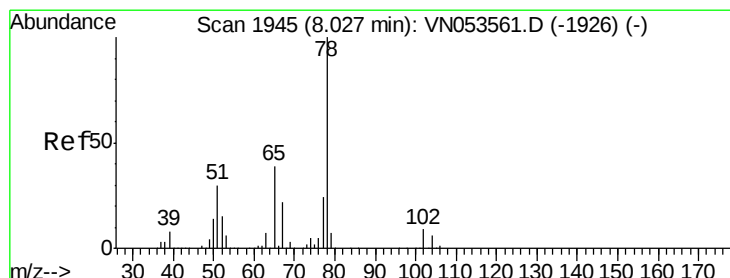
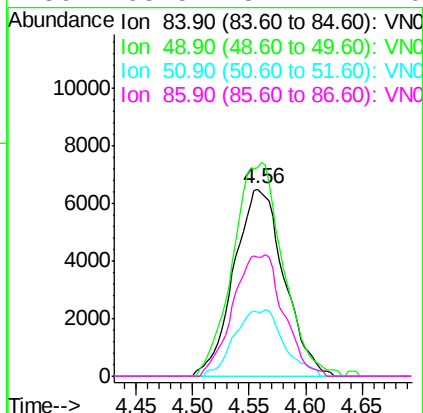




#20
Methvlene Chloride
Concen: 2.784 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053809.D
Acq: 15 Feb 2019 19:19

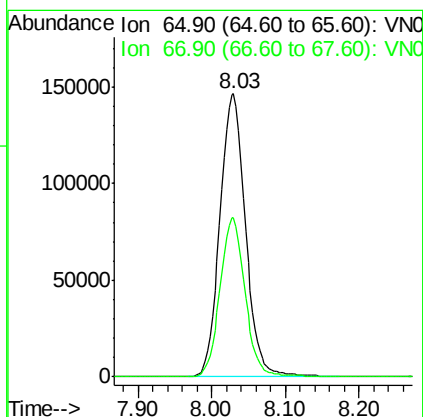
Instrument :
MSVOA_N
ClientSampled :
PB117124TB

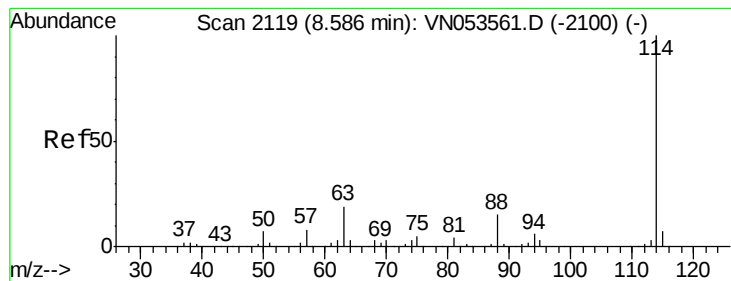
Tot Ion: 84 Resp: 20001
Ion Ratio Lower Upper
84 100
49 111.3 94.3 141.5
51 34.3 29.4 44.2
86 63.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.043 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053809.D
Acq: 15 Feb 2019 19:19

Tgt Ion: 65 Resp: 354084
Ion Ratio Lower Upper
65 100
67 55.1 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: VN053809.D

Acq: 15 Feb 2019 19:19

Instrument :

MSVOA_N

ClientSampleId :

PB117124TB

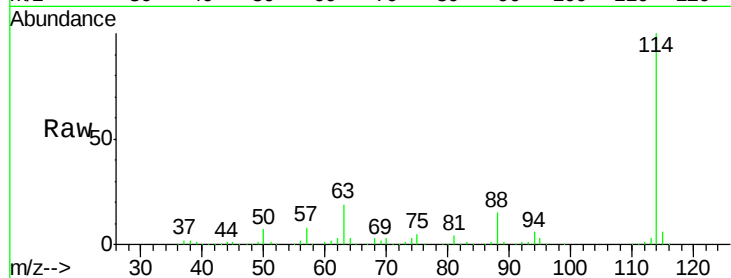
Tot Ion:114 Resp: 1109506

Ion Ratio Lower Upper

114 100

63 19.0 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

8.59

600000

500000

400000

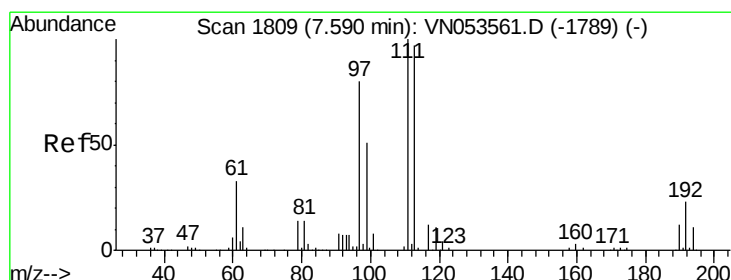
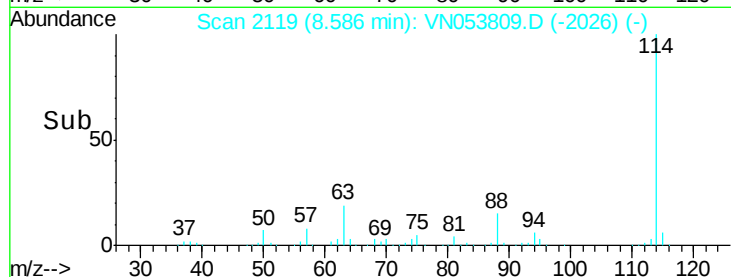
300000

200000

100000

0

Time--> 8.40 8.50 8.60 8.70 8.80



#35

Dibromofluoromethane

Concen: 50.341 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053809.D

Acq: 15 Feb 2019 19:19

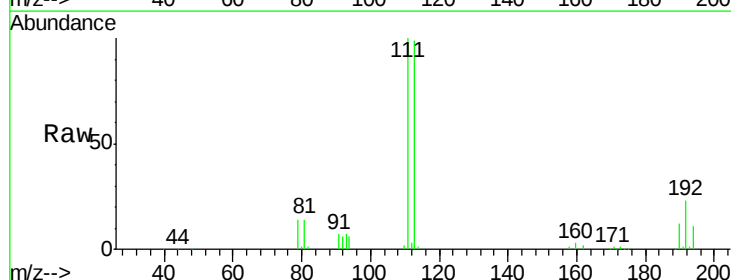
Tgt Ion:113 Resp: 352920

Ion Ratio Lower Upper

113 100

111 102.2 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

7.59

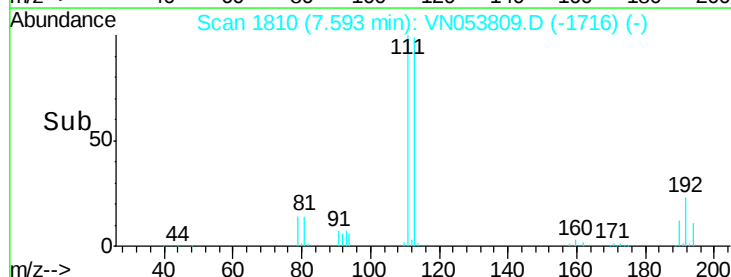
150000

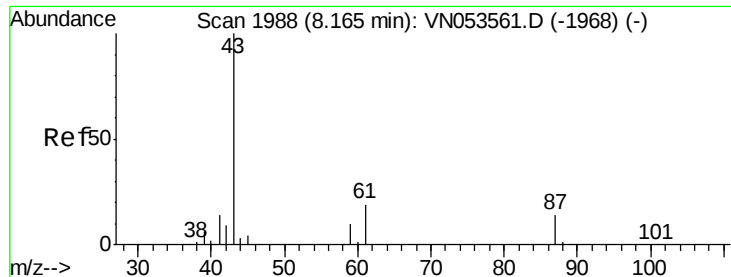
100000

50000

0

Time--> 7.50 7.60 7.70 7.80





#43

Isopropyl Acetate

Concen: 3.163 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053809.D

Acq: 15 Feb 2019 19:19

Instrument :

MSVOA_N

ClientSampleId :

PB117124TB

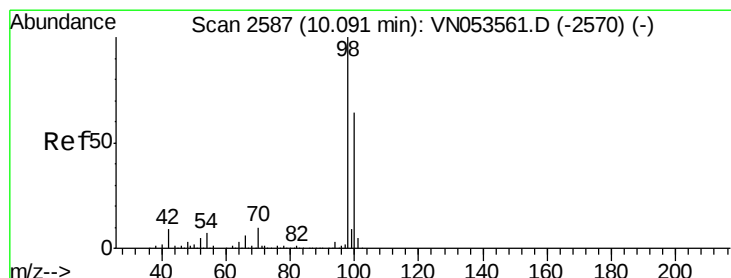
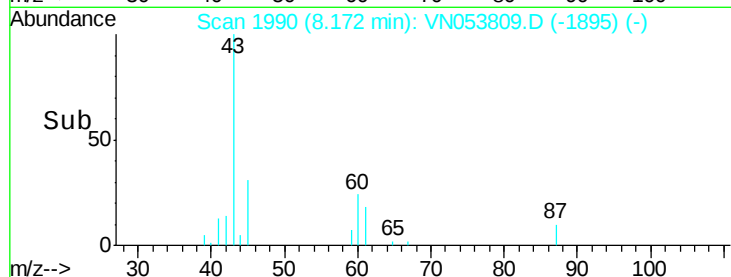
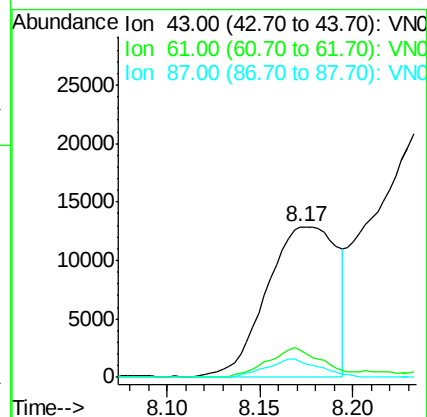
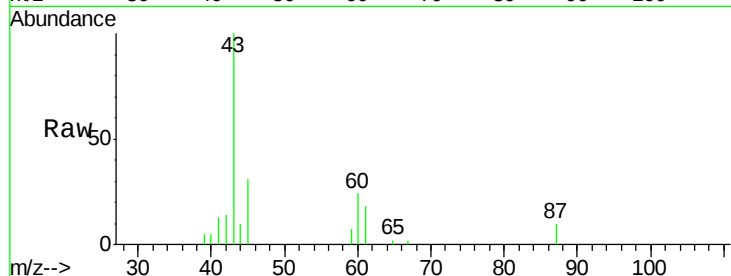
Tot Ion: 43 Resp: 34123

Ion Ratio Lower Upper

43 100

61 15.0 23.9 35.9#

87 9.2 11.0 16.6#



#50

Toluene-d8

Concen: 53.335 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053809.D

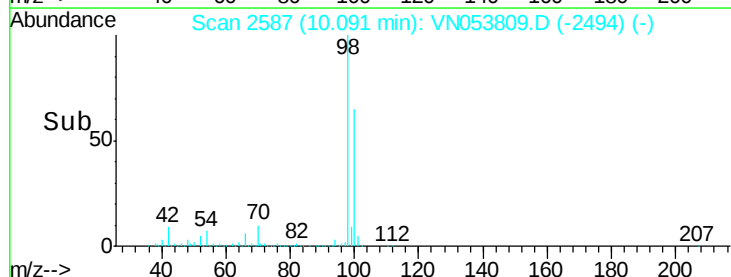
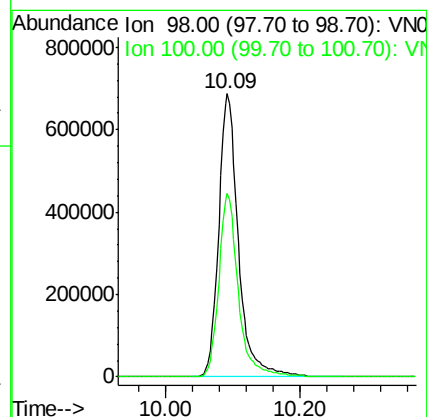
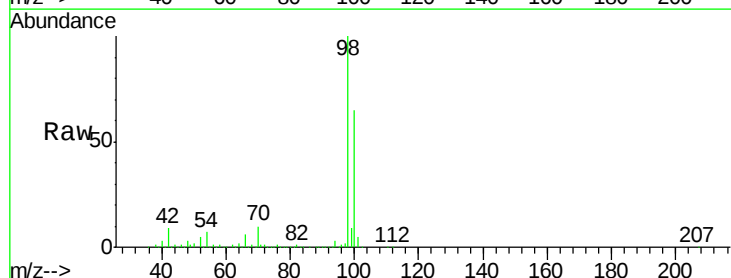
Acq: 15 Feb 2019 19:19

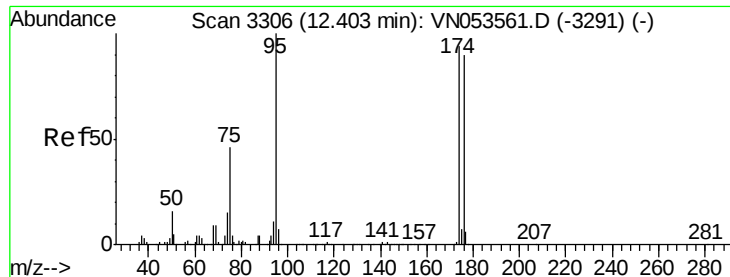
Tgt Ion: 98 Resp: 1403981

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 55.225 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053809.D

Acq: 15 Feb 2019 19:19

Instrument :

MSVOA_N

ClientSampleId :

PB117124TB

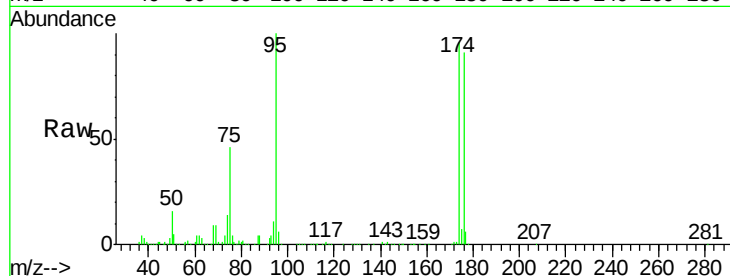
Tot Ion: 95 Resp: 484844

Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.2

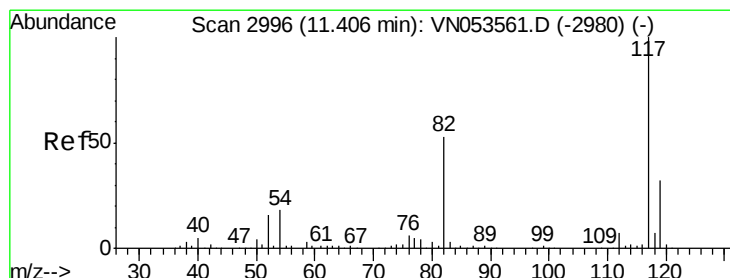
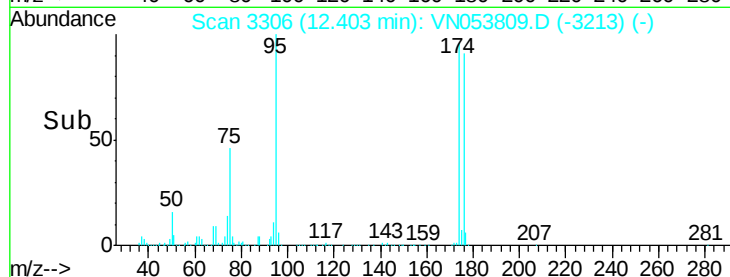
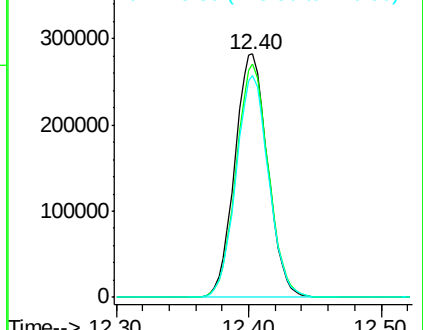
176 90.6 0.0 177.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053809.D

Acq: 15 Feb 2019 19:19

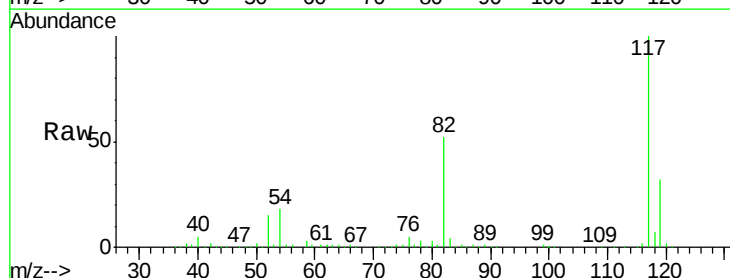
Tgt Ion: 117 Resp: 1143121

Ion Ratio Lower Upper

117 100

82 51.7 42.9 64.3

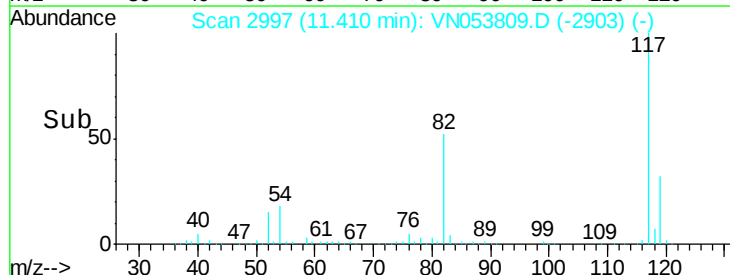
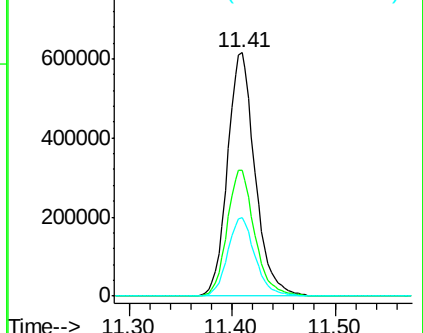
119 32.3 26.0 39.0

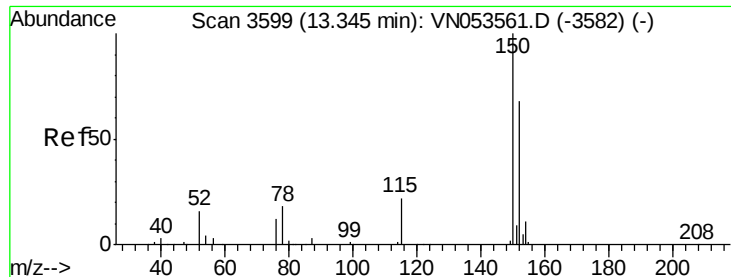


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053809.D

Acq: 15 Feb 2019 19:19

Instrument :

MSVOA_N

ClientSampleId :

PB117124TB

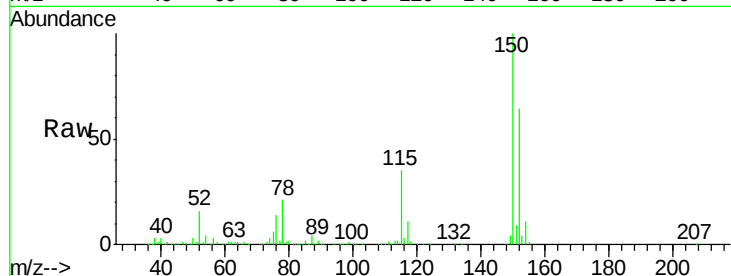
Tot Ion:152 Resp: 445823

Ion Ratio Lower Upper

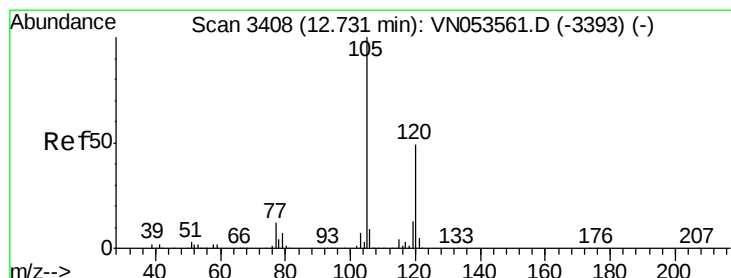
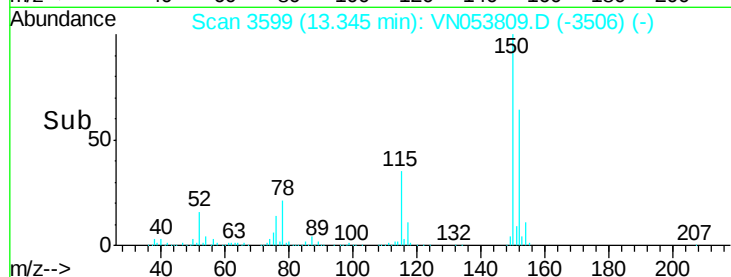
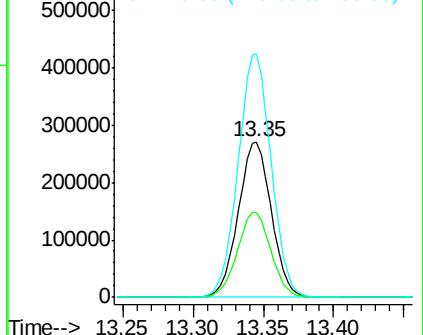
152 100

115 55.2 27.8 83.4

150 156.9 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



#80

1,3,5-Trimethylbenzene

Concen: 0.681 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053809.D

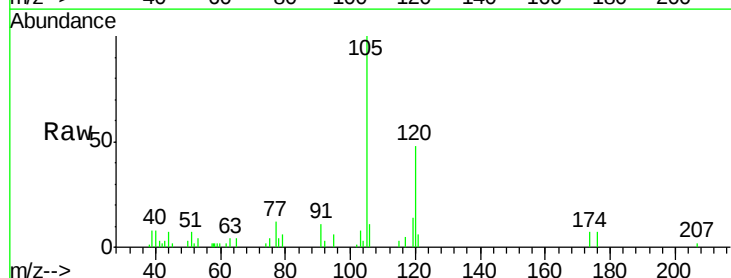
Acq: 15 Feb 2019 19:19

Tgt Ion:105 Resp: 17701

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

