

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051796.D
 Acq On : 10 Oct 2018 17:24
 Operator : MD\SY
 Sample : PB113684ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#07

Quant Time: Oct 11 03:53:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

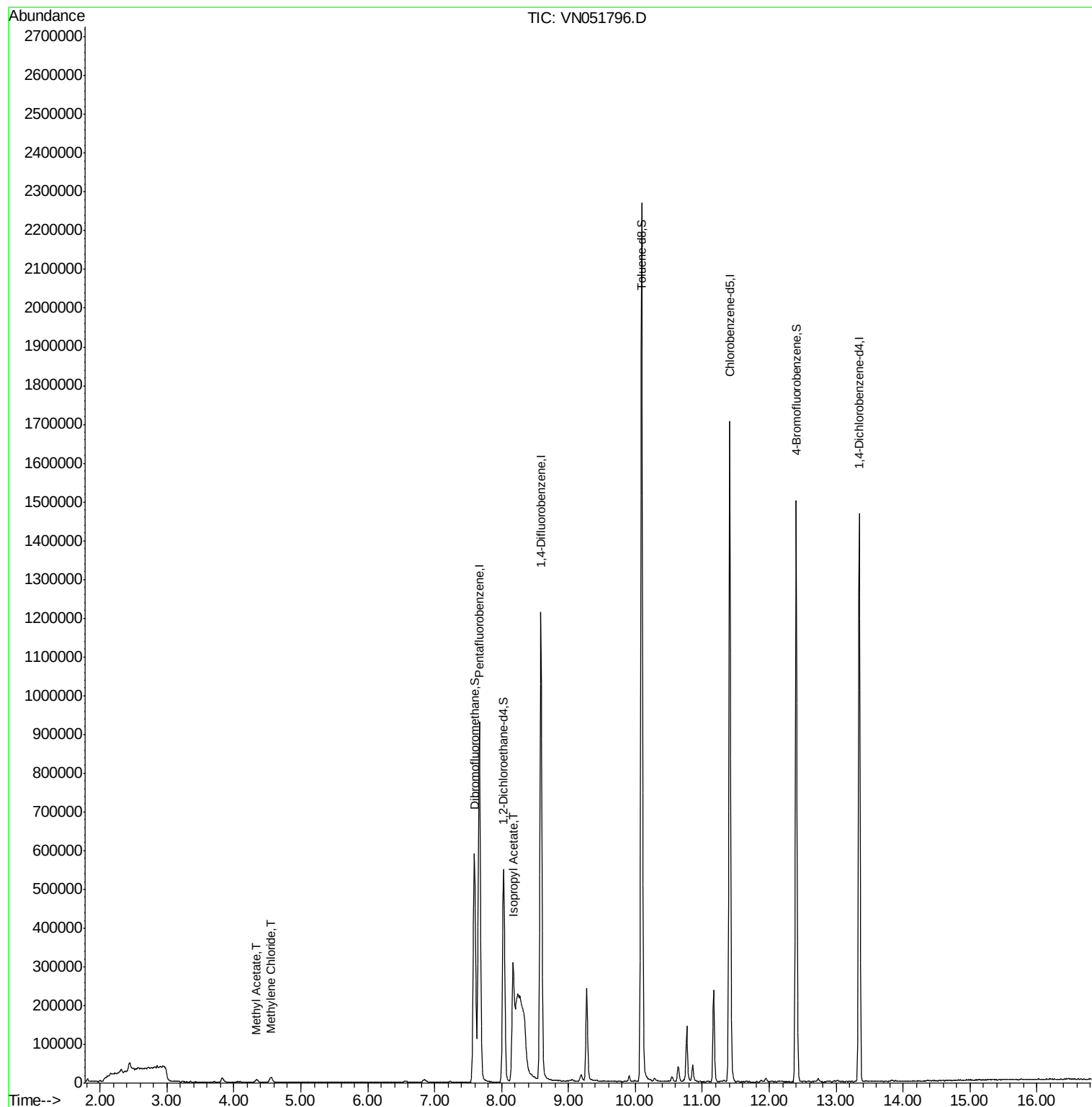
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	809731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1174725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1048038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	473091	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
35) Dibromofluoromethane	7.59	113	435223	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	10.09	98	1663907	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.40	95	488555	40.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.46%	
Target Compounds						
18) Methyl Acetate	4.33	43	12305	2.084	ug/l	94
20) Methylene Chloride	4.56	84	9888	1.124	ug/l #	87
43) Isopropyl Acetate	8.17	43	398505	29.846	ug/l	93

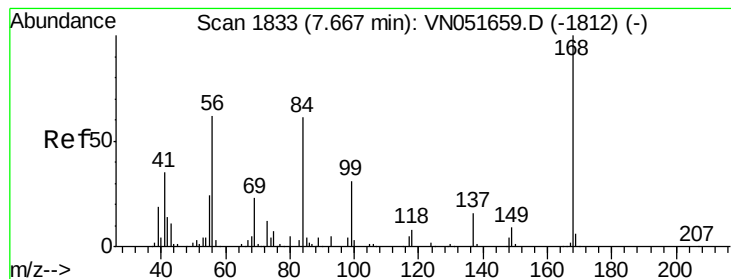
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051796.D

Acq: 10 Oct 2018 17:24

Instrument :

MSVOA_N

ClientSampleId :

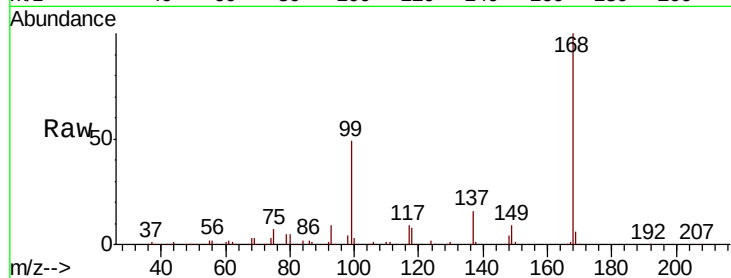
PB113684ZHE#07

Tot Ion:168 Resp: 809731

Ion Ratio Lower Upper

168 100

99 48.7 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

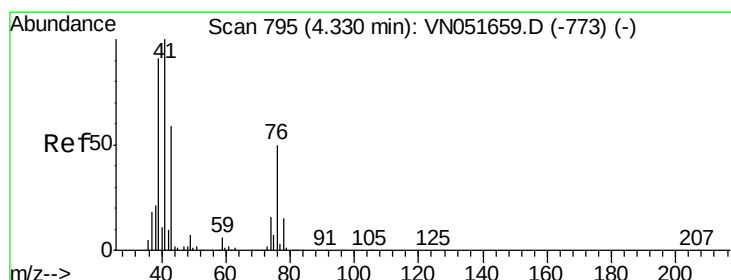
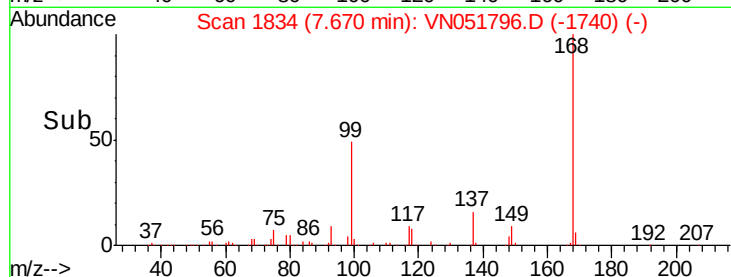
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 2.084 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN051796.D

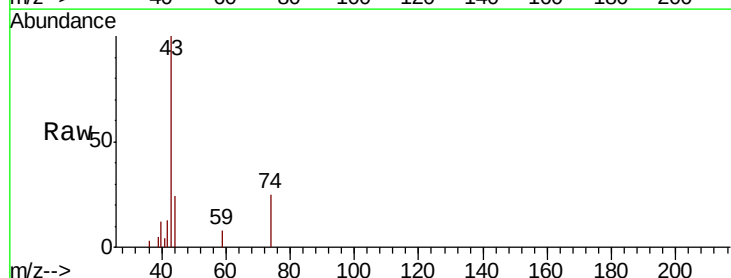
Acq: 10 Oct 2018 17:24

Tgt Ion: 43 Resp: 12305

Ion Ratio Lower Upper

43 100

74 30.3 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.33

5000

4000

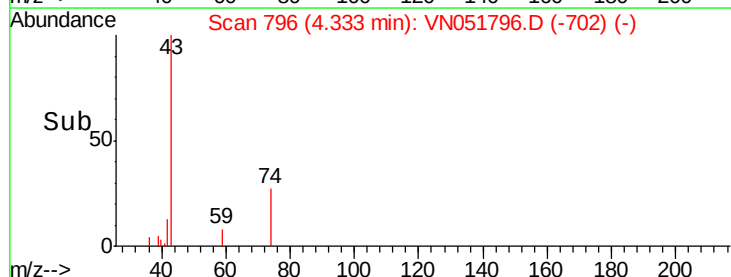
3000

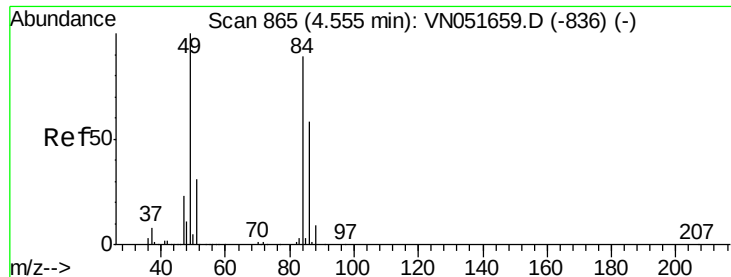
2000

1000

0

Time-->

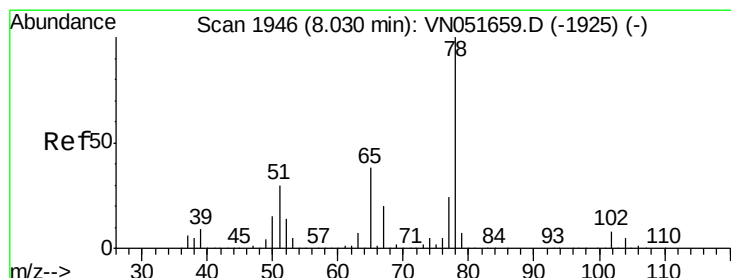
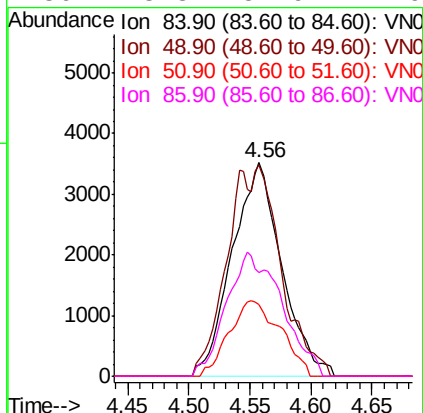
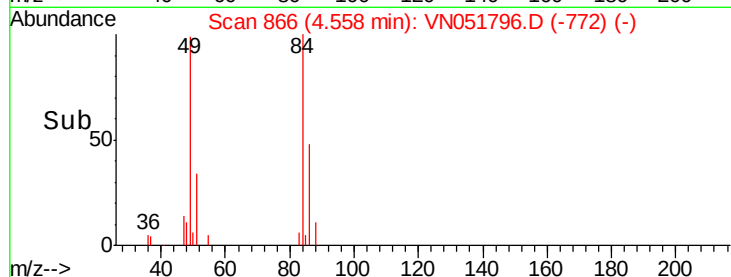
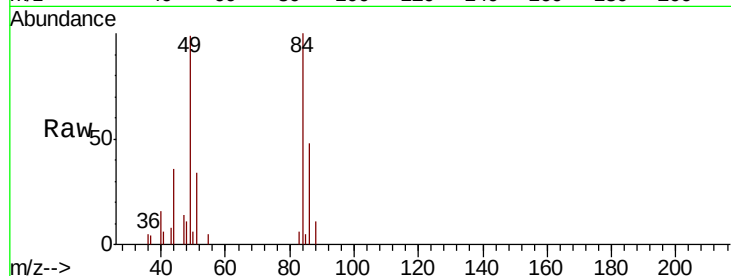




#20
Methylene Chloride
Concen: 1.124 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051796.D
Acq: 10 Oct 2018 17:24

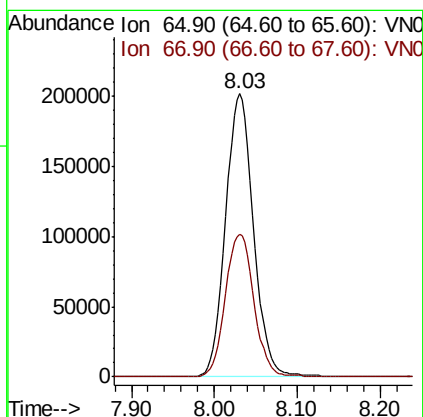
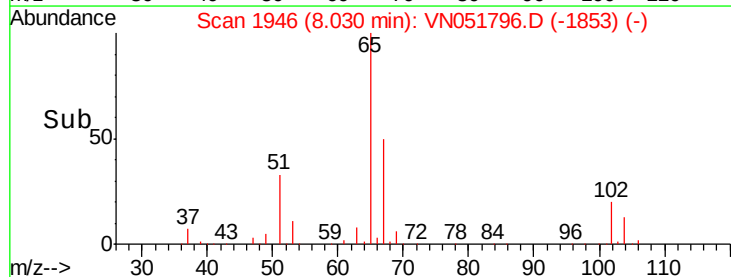
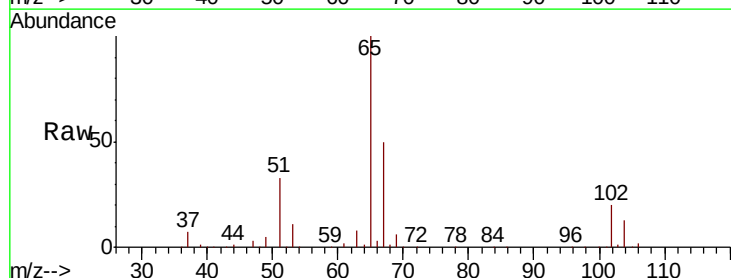
Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#07

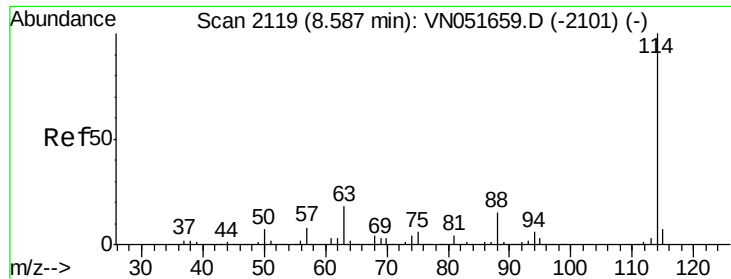
Tot Ion: 84 Resp: 9888
Ion Ratio Lower Upper
84 100
49 99.2 89.5 134.3
51 33.6 27.4 41.0
86 48.3 51.9 77.9#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN051796.D
Acq: 10 Oct 2018 17:24

Tgt Ion: 65 Resp: 473091
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.6

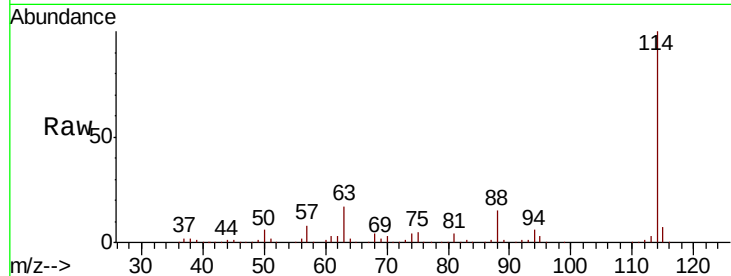




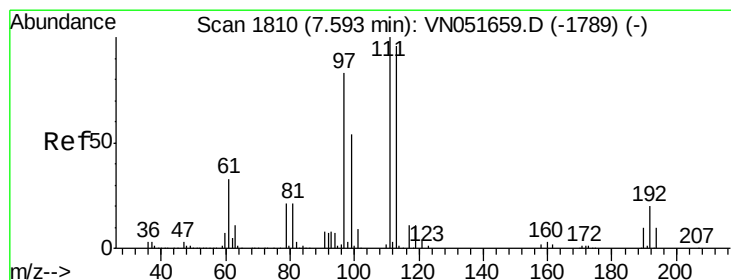
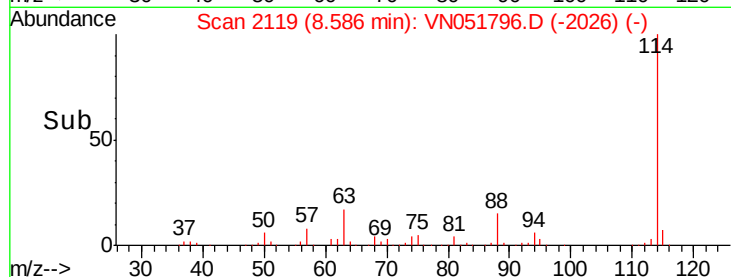
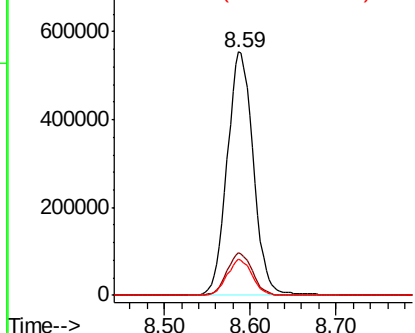
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051796.D
Acq: 10 Oct 2018 17:24

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#07

Tot Ion:114 Resp: 1174725
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.2
88 14.6 0.0 30.2

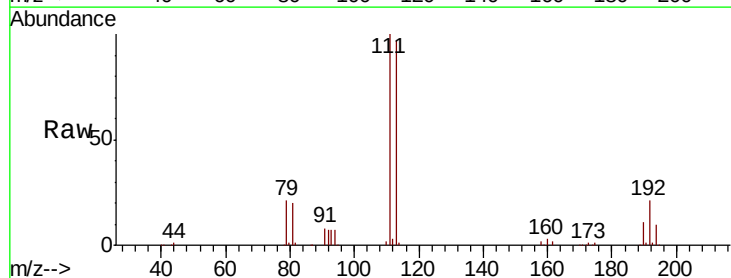


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

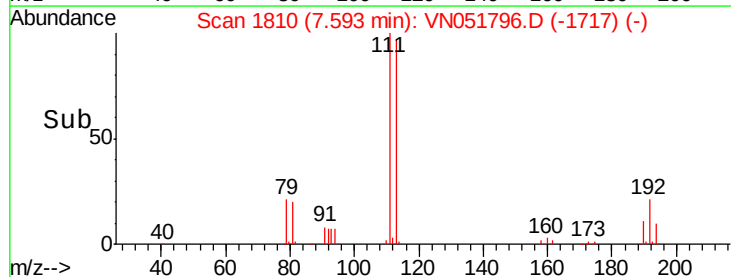
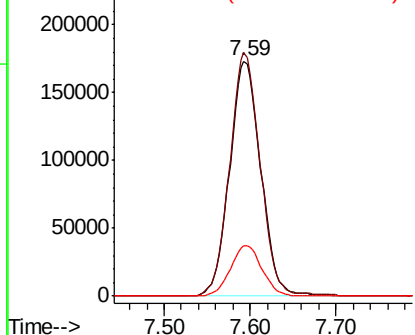


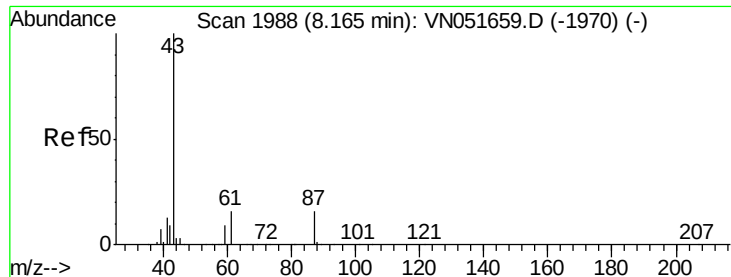
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051796.D
Acq: 10 Oct 2018 17:24

Tgt Ion:113 Resp: 435223
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 21.7 16.5 24.7



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: 29.846 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051796.D

Acq: 10 Oct 2018 17:24

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#07

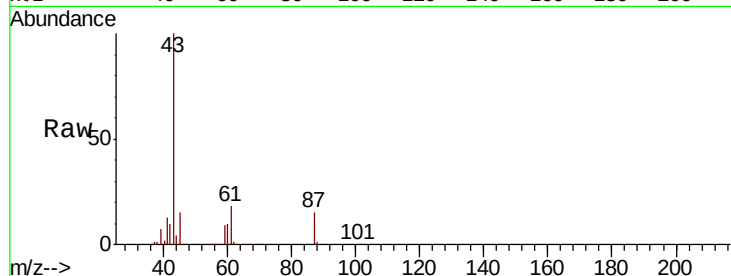
Tot Ion: 43 Resp: 398505

Ion Ratio Lower Upper

43 100

61 16.0 15.8 23.6

87 13.1 12.6 19.0

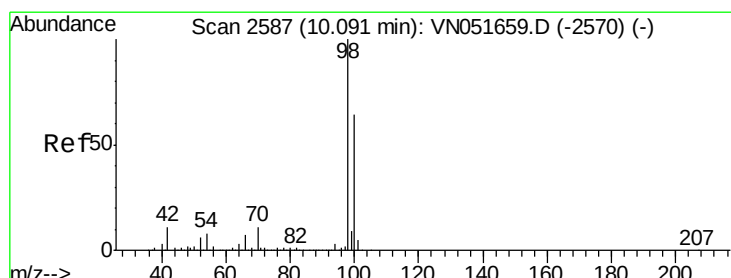
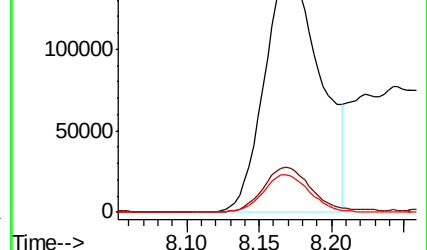
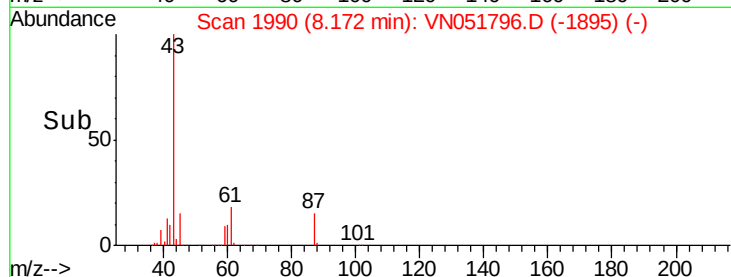


Abundance Ion 43.00 (42.70 to 43.70): VN051796.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN051796.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN051796.D (-1895) (-)

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051796.D

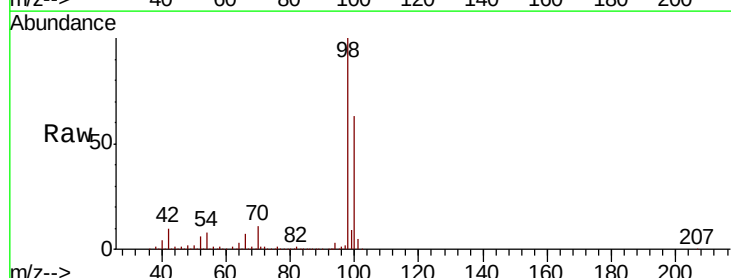
Acq: 10 Oct 2018 17:24

Tgt Ion: 98 Resp: 1663907

Ion Ratio Lower Upper

98 100

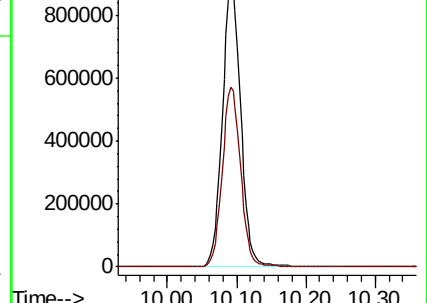
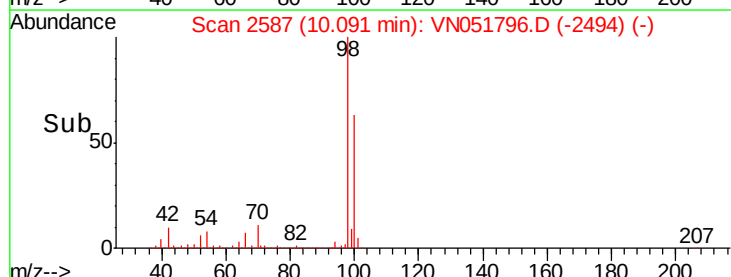
100 63.1 51.5 77.3

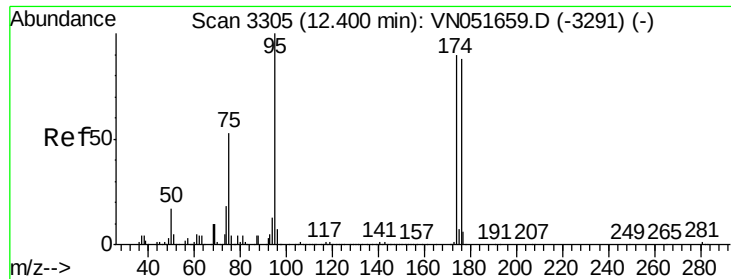


Abundance Ion 98.00 (97.70 to 98.70): VN051796.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051796.D (-2494) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051796.D

Acq: 10 Oct 2018 17:24

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#07

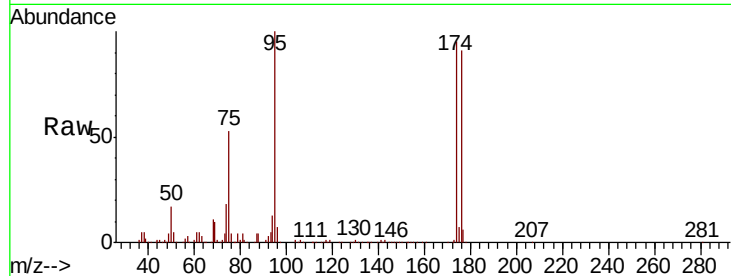
Tot Ion: 95 Resp: 488555

Ion Ratio Lower Upper

95 100

174 95.5 0.0 182.8

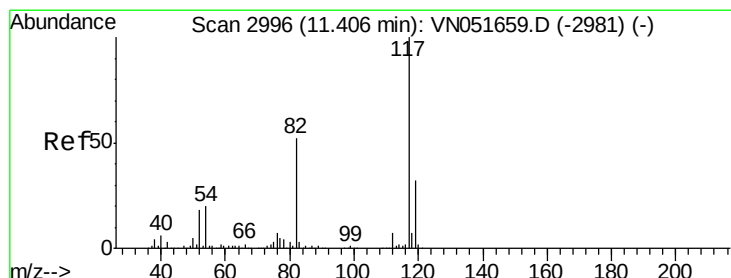
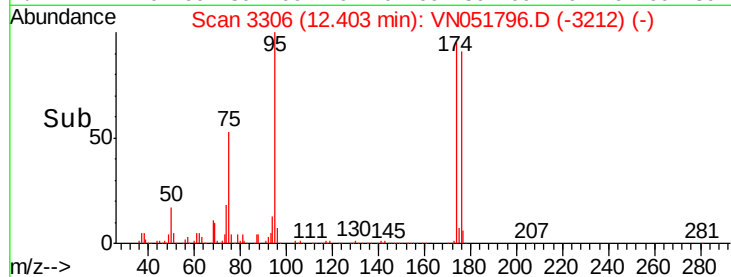
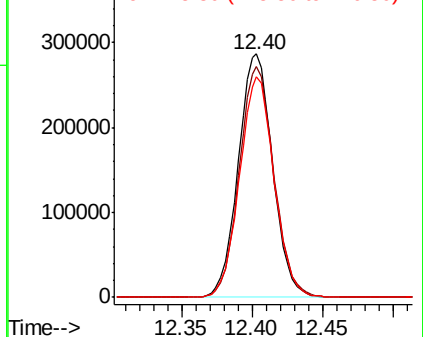
176 91.3 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051659.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051659.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051659.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051796.D

Acq: 10 Oct 2018 17:24

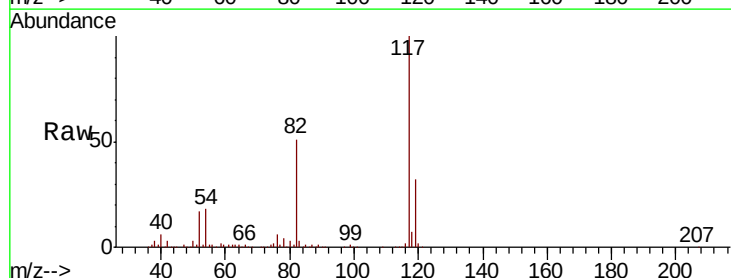
Tgt Ion: 117 Resp: 1048038

Ion Ratio Lower Upper

117 100

82 50.9 41.3 61.9

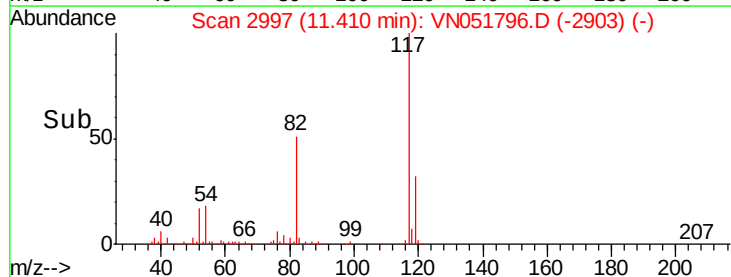
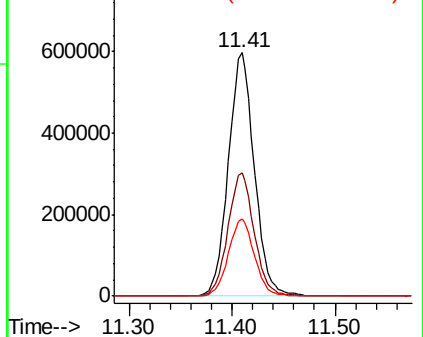
119 31.8 25.9 38.9

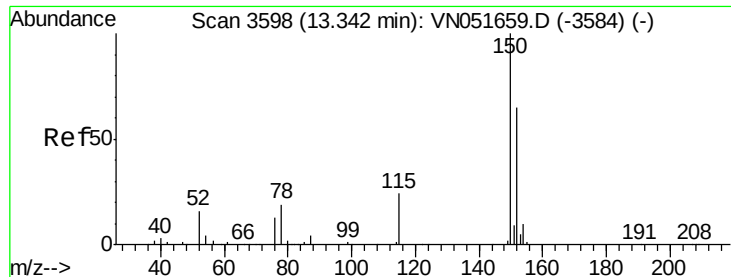


Abundance Ion 116.90 (116.60 to 117.60): VN051659.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051659.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051659.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051796.D

Acq: 10 Oct 2018 17:24

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#07

Tot Ion:152 Resp: 411196

Ion Ratio Lower Upper

152 100

115 54.3 28.6 85.8

150 158.6 0.0 352.4

