

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051437.D
 Acq On : 24 Sep 2018 1:49
 Operator : MD\SY
 Sample : PB113124ZHE#08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113124ZHE#08

Quant Time: Sep 24 08:30:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

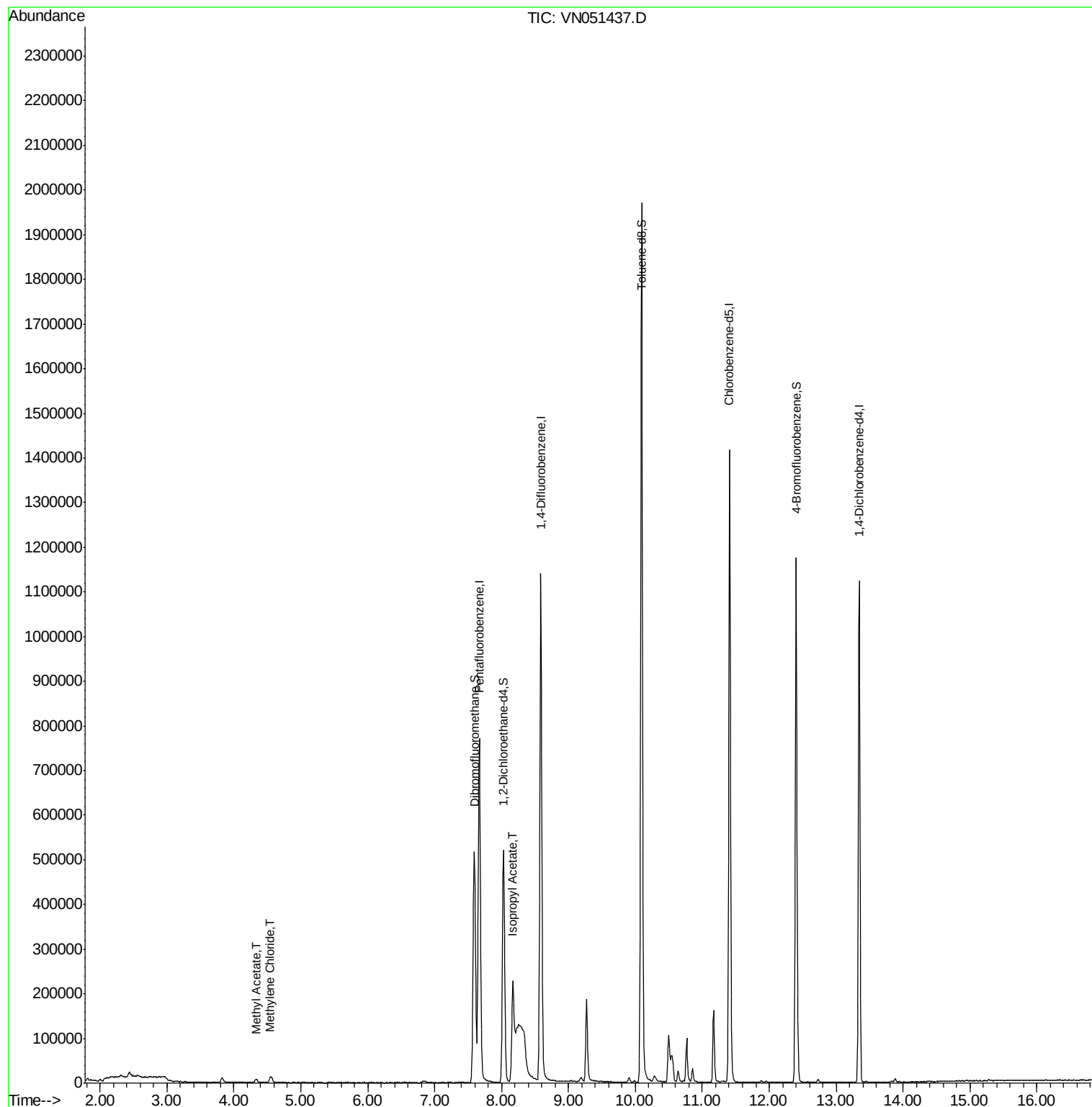
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	660221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1041381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	883160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	322873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	455072	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
35) Dibromofluoromethane	7.59	113	395684	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	10.09	98	1437382	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
62) 4-Bromofluorobenzene	12.40	95	387821	38.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.46%	
Target Compounds						
18) Methyl Acetate	4.33	43	15265	2.423	ug/l	95
20) Methylene Chloride	4.55	84	9628	1.176	ug/l	90
43) Isopropyl Acetate	8.17	43	281608	22.460	ug/l #	92

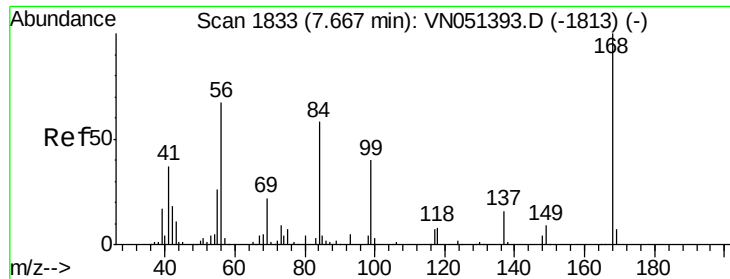
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051437.D

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Instrument :

MSVOA_N

ClientSampleId :

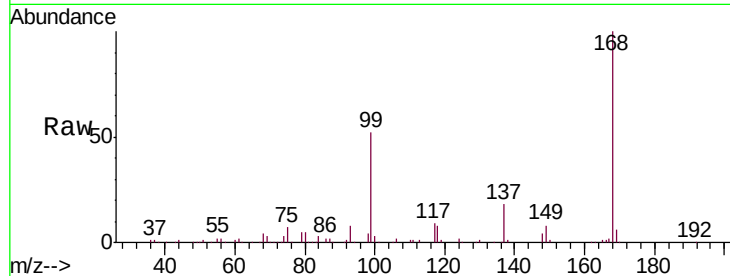
PB113124ZHE#08

Tgt Ion:168 Resp: 660221

Ion Ratio Lower Upper

168 100

99 52.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

250000

200000

150000

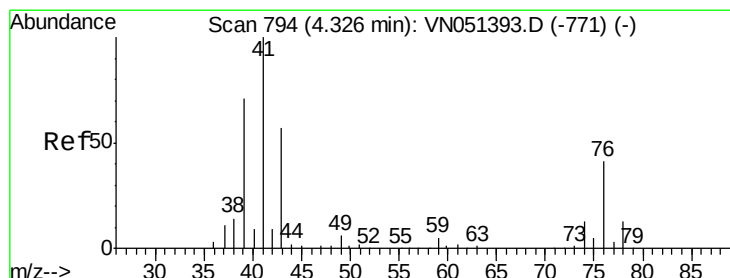
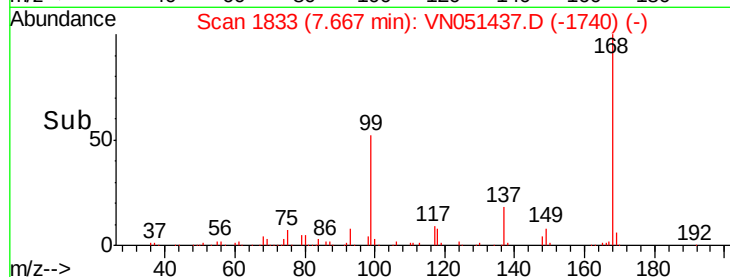
100000

50000

0

Time-->

7.60 7.70 7.80



#18

Methyl Acetate

Concen: 2.423 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051437.D

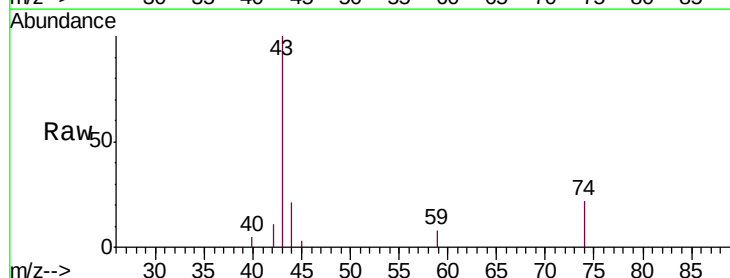
Acq: 24 Sep 2018 1:49

Tgt Ion: 43 Resp: 15265

Ion Ratio Lower Upper

43 100

74 21.0 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

6000

5000

4000

3000

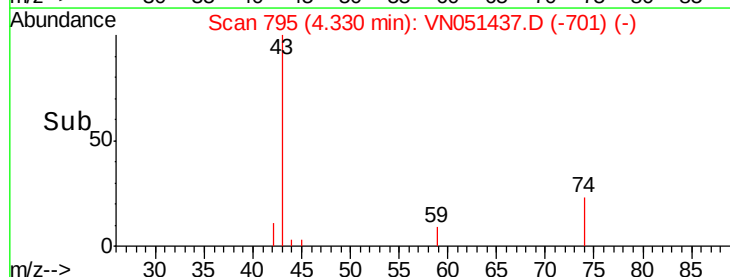
2000

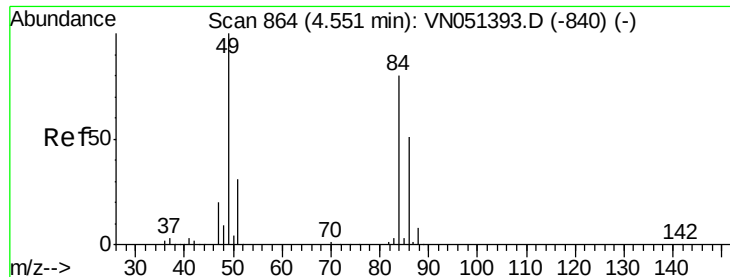
1000

0

Time-->

4.25 4.30 4.35 4.40 4.45

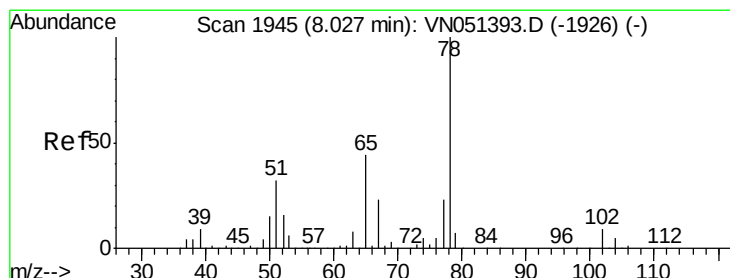
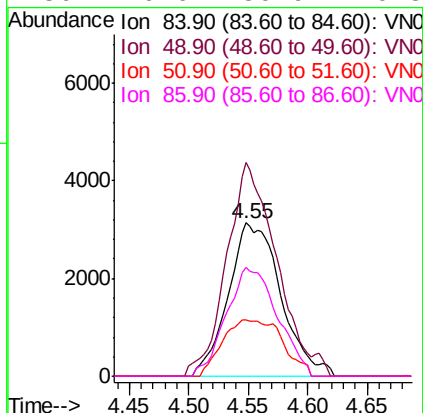
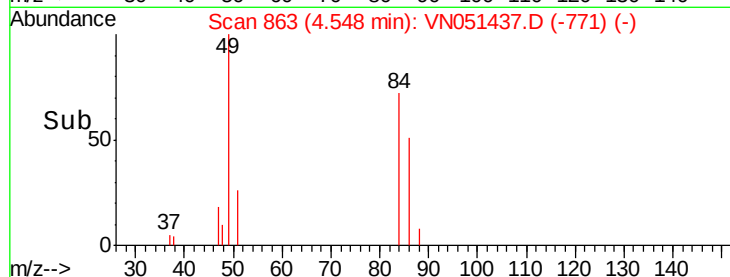
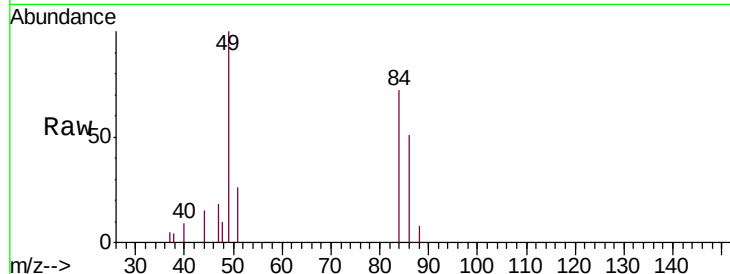




#20
Methylene Chloride
Concen: 1.176 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN051437.D
Acq: 24 Sep 2018 1:49

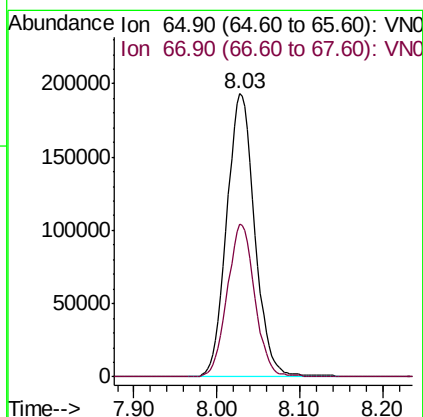
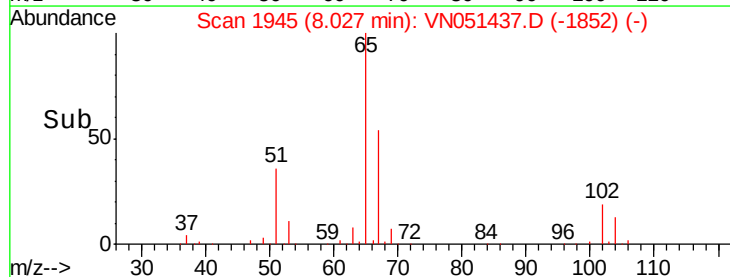
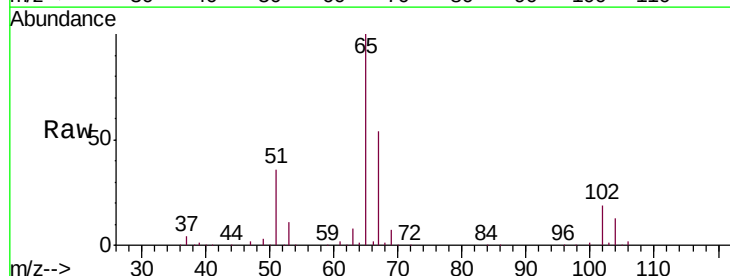
Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#08

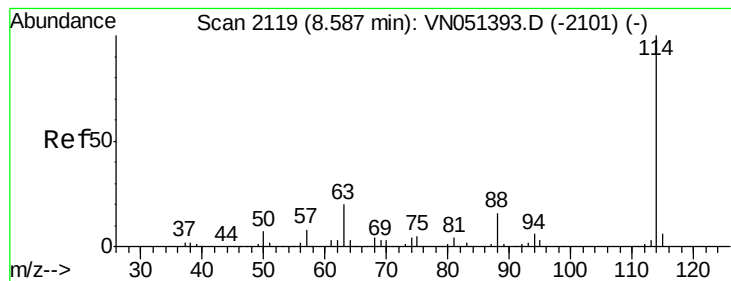
Tgt Ion: 84 Resp: 9628
Ion Ratio Lower Upper
84 100
49 139.1 99.9 149.9
51 36.4 31.4 47.2
86 70.6 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 55.024 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051437.D
Acq: 24 Sep 2018 1:49

Tgt Ion: 65 Resp: 455072
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051437.D

Acq: 24 Sep 2018 1:49

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#08

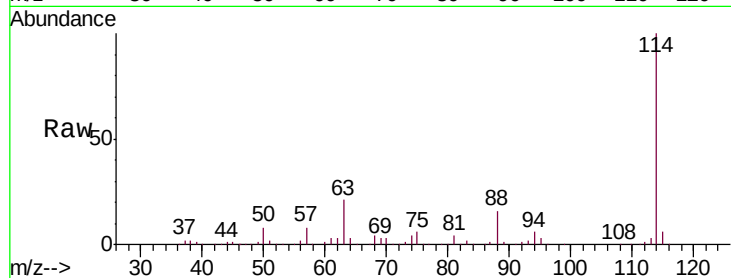
Tgt Ion:114 Resp: 1041381

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

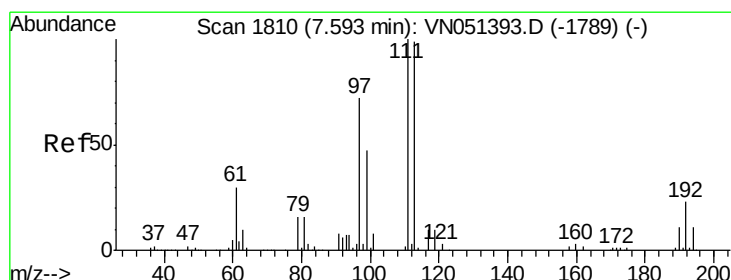
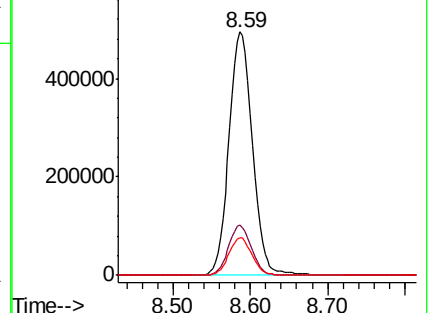
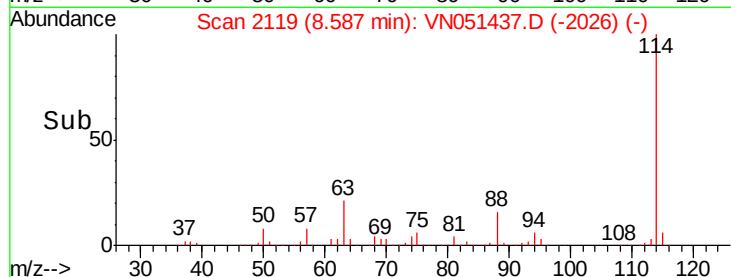
88 15.6 0.0 31.4



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: 47.516 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051437.D

Acq: 24 Sep 2018 1:49

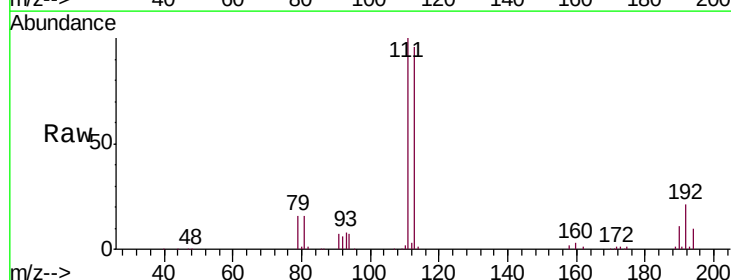
Tgt Ion:113 Resp: 395684

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

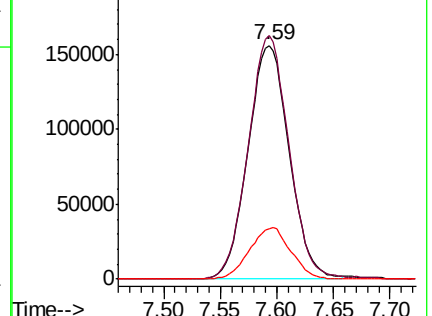
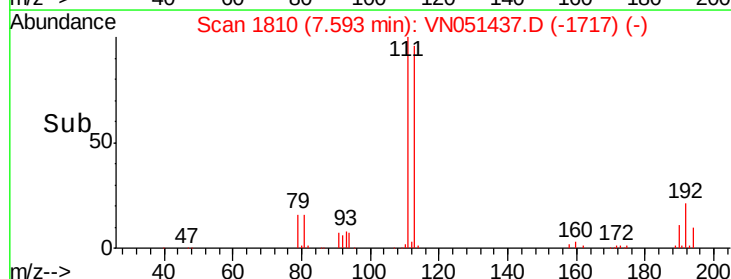
192 22.2 18.0 27.0

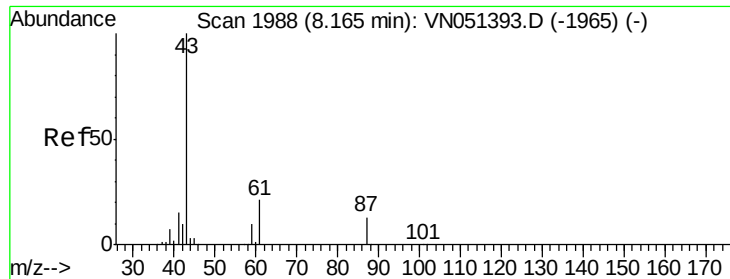


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 22.460 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051437.D

Acq: 24 Sep 2018 1:49

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#08

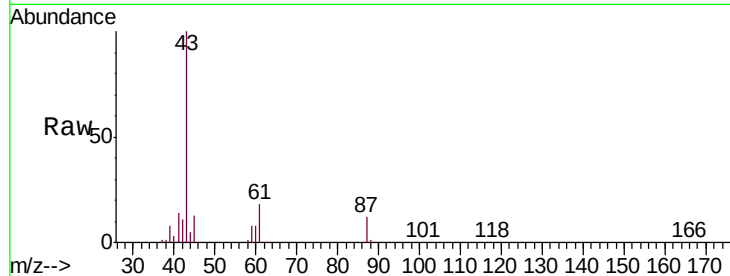
Tgt Ion: 43 Resp: 281608

Ion Ratio Lower Upper

43 100

61 16.7 16.8 25.2#

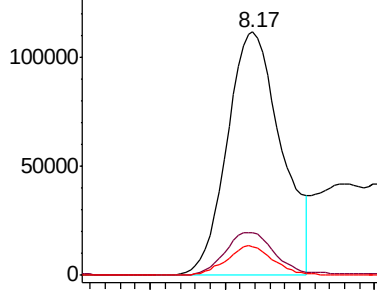
87 10.5 10.7 16.1#



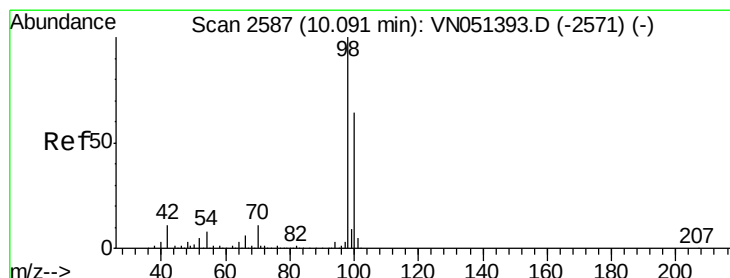
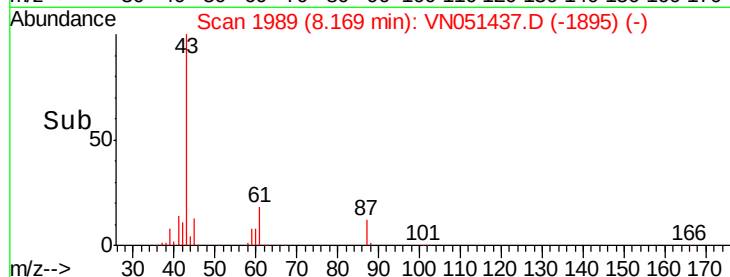
Abundance Ion 43.00 (42.70 to 43.70): VN051437.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051437.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051437.D (-1965) (-)



Time-->



#50

Toluene-d8

Concen: 45.837 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051437.D

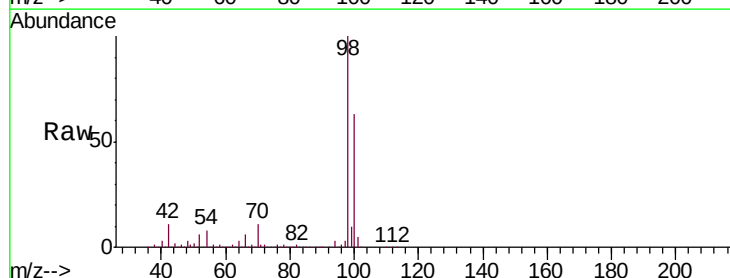
Acq: 24 Sep 2018 1:49

Tgt Ion: 98 Resp: 1437382

Ion Ratio Lower Upper

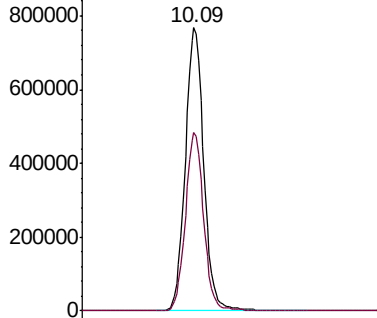
98 100

100 62.5 50.6 75.8

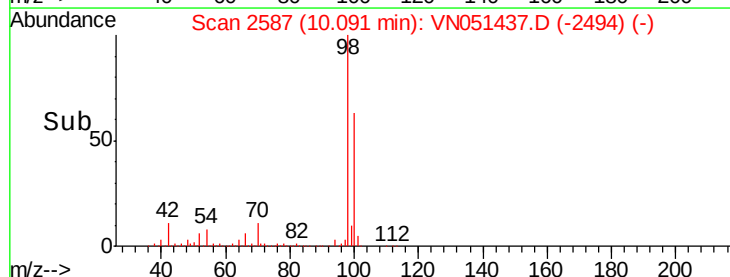


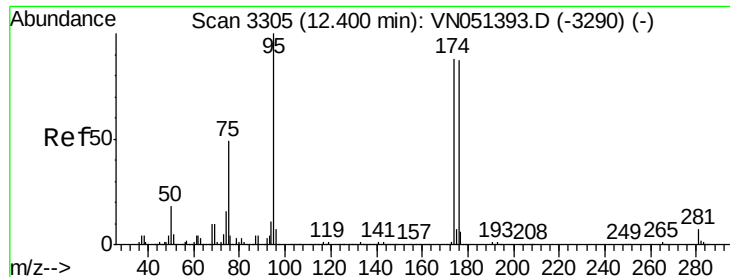
Abundance Ion 98.00 (97.70 to 98.70): VN051437.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051437.D (-2571) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 38.230 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051437.D

Acq: 24 Sep 2018 1:49

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#08

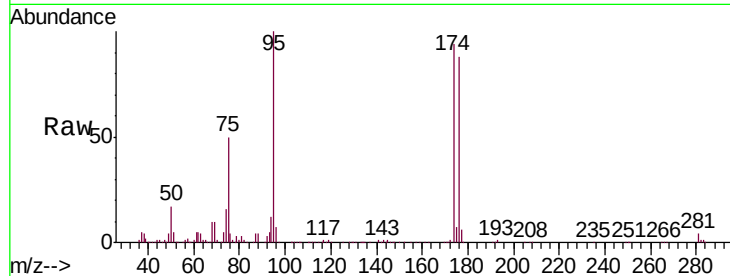
Tgt Ion: 95 Resp: 387821

Ion Ratio Lower Upper

95 100

174 92.6 0.0 181.6

176 87.7 0.0 176.4

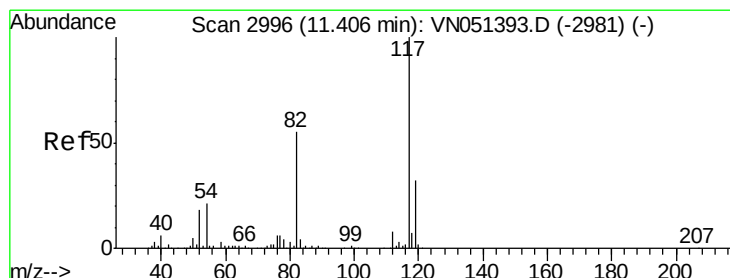
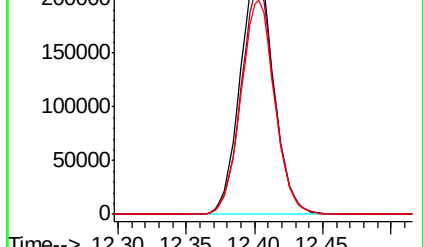
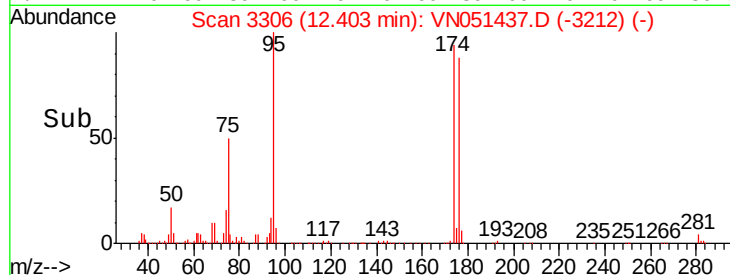


Abundance Ion 94.90 (94.60 to 95.60): VN051437.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051437.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051437.D (-3290) (-)

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051437.D

Acq: 24 Sep 2018 1:49

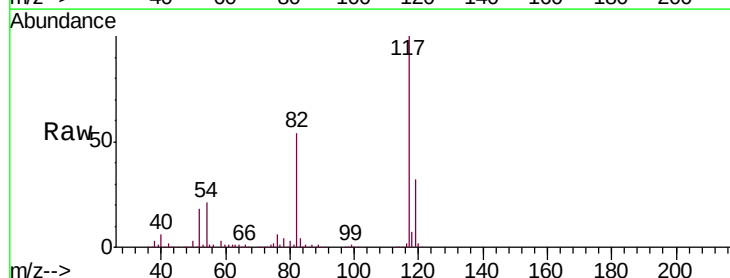
Tgt Ion: 117 Resp: 883160

Ion Ratio Lower Upper

117 100

82 54.3 44.2 66.2

119 32.1 25.9 38.9

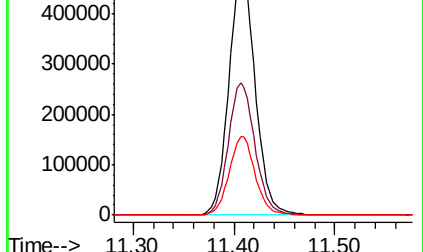
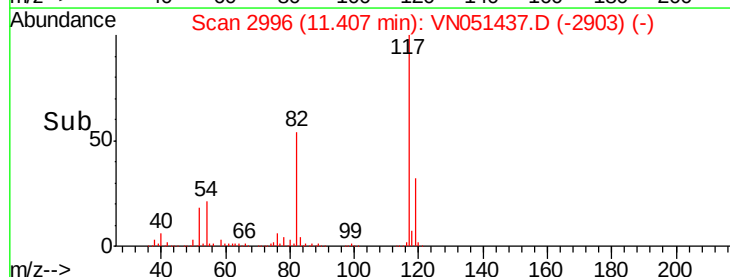


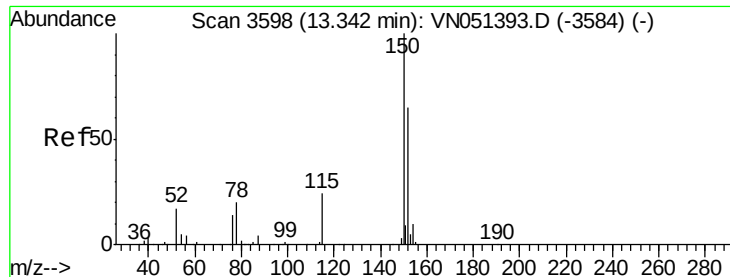
Abundance Ion 116.90 (116.60 to 117.60): VN051437.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051437.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051437.D (-2981) (-)

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: VN051437.D

Acq: 24 Sep 2018 1:49

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#08

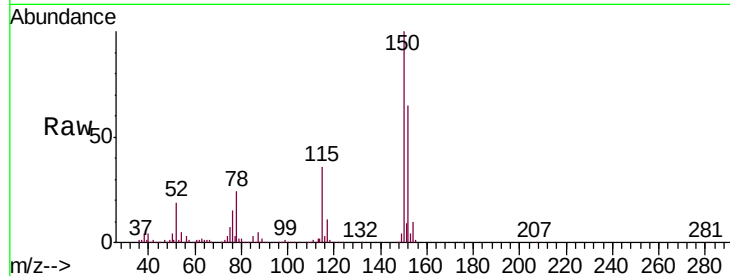
Tgt Ion:152 Resp: 322873

Ion Ratio Lower Upper

152 100

115 55.7 28.3 84.9

150 155.6 0.0 353.6



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

