

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051603.D
 Acq On : 27 Sep 2018 23:50
 Operator : MD\SY
 Sample : J5098-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Sep 28 03:07:18 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

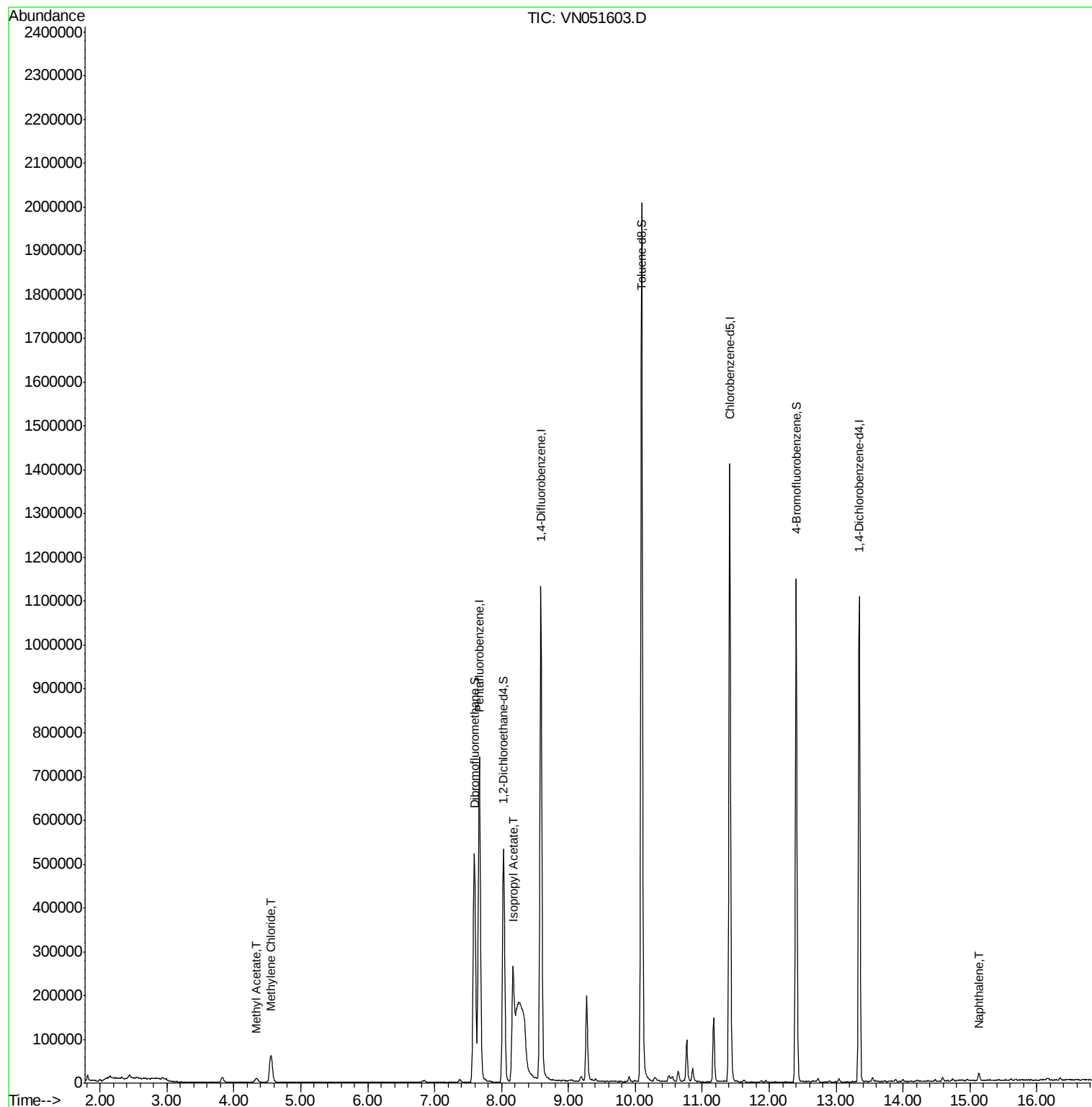
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1041496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	875847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	459094	58.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.88%	
35) Dibromofluoromethane	7.59	113	403190	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	10.09	98	1440557	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
62) 4-Bromofluorobenzene	12.40	95	395444	38.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.96%	
Target Compounds						
18) Methyl Acetate	4.34	43	21682	3.655	ug/l #	71
20) Methylene Chloride	4.55	84	46943	6.091	ug/l	97
43) Isopropyl Acetate	8.17	43	335548	26.760	ug/l #	88
95) Naphthalene	15.13	128	14490	9.079	ug/l	99

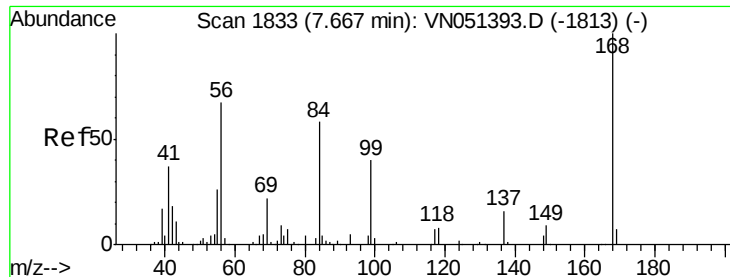
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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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: VN051603.D

Acq: 27 Sep 2018 23:50

Instrument :

MSVOA_N

ClientSampled :

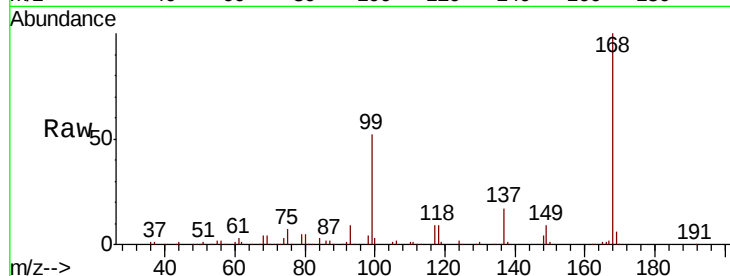
TP-4

Tot Ion:168 Resp: 621778

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): VNO

7.67

250000

200000

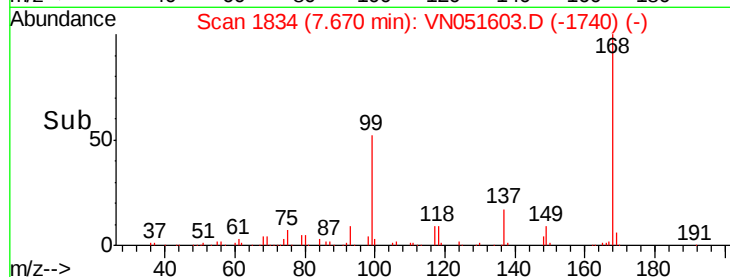
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 3.655 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051603.D

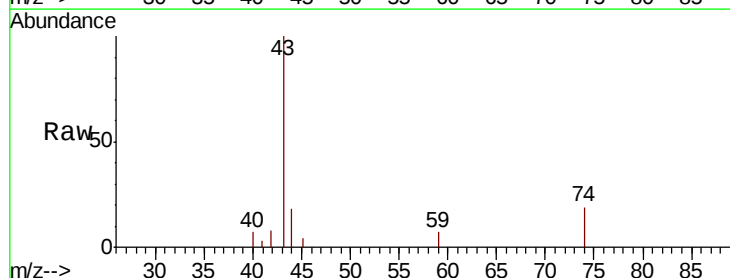
Acq: 27 Sep 2018 23:50

Tgt Ion: 43 Resp: 21682

Ion Ratio Lower Upper

43 100

74 9.4 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.34

8000

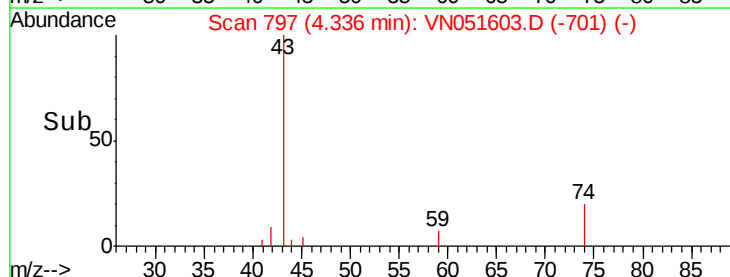
6000

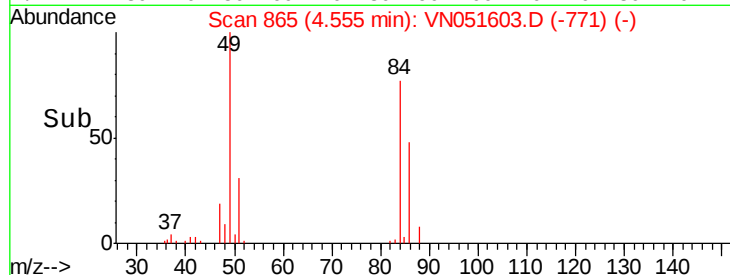
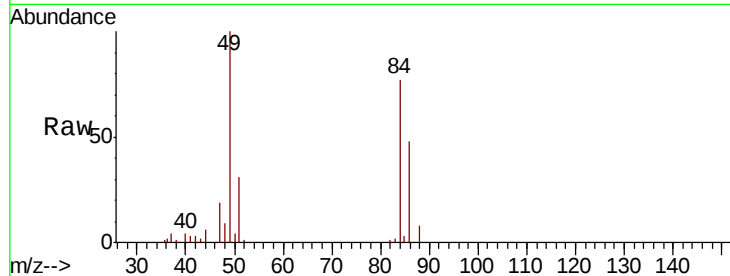
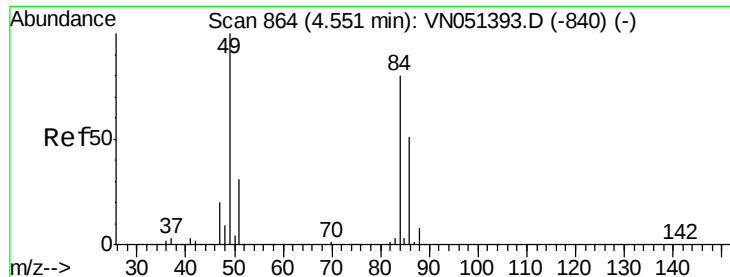
4000

2000

0

Time-->

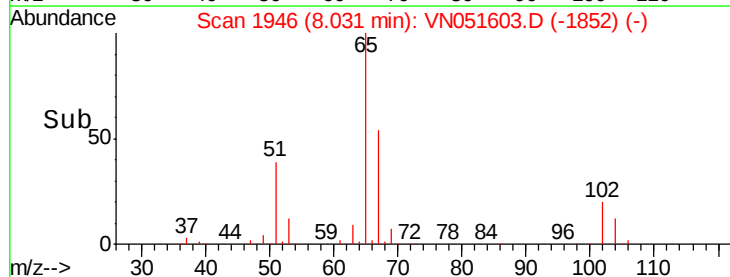
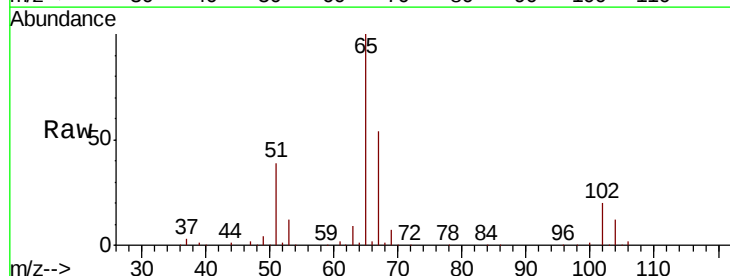
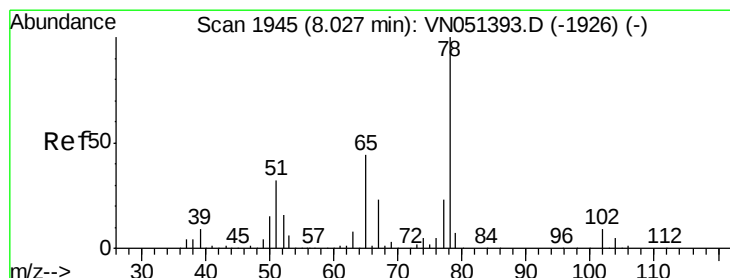
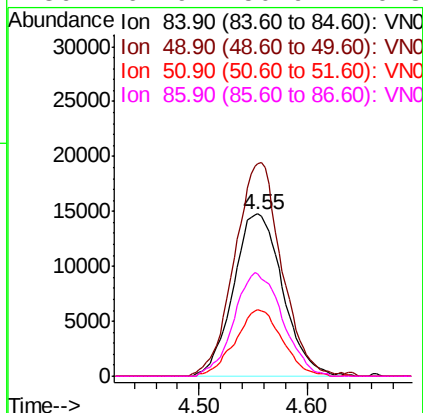




#20
Methvlene Chloride
Concen: 6.091 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051603.D
Acq: 27 Sep 2018 23:50

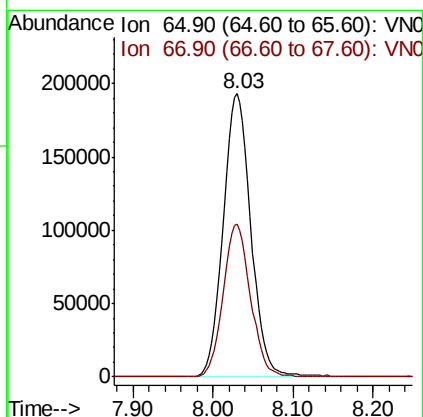
Instrument :
MSVOA_N
ClientSampleId :
TP-4

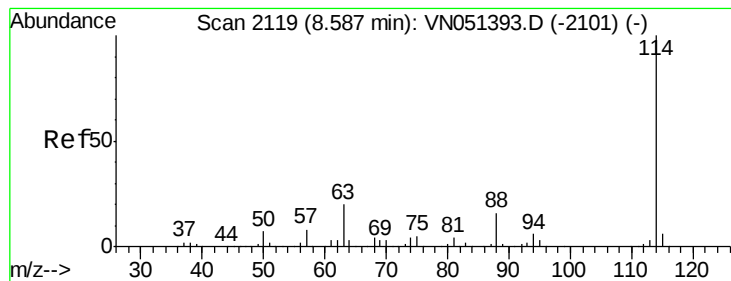
Tot Ion: 84 Resp: 46943
Ion Ratio Lower Upper
84 100
49 130.7 99.9 149.9
51 40.8 31.4 47.2
86 62.9 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 58.942 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051603.D
Acq: 27 Sep 2018 23:50

Tgt Ion: 65 Resp: 459094
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051603.D

Acq: 27 Sep 2018 23:50

Instrument :

MSVOA_N

ClientSampleId :

TP-4

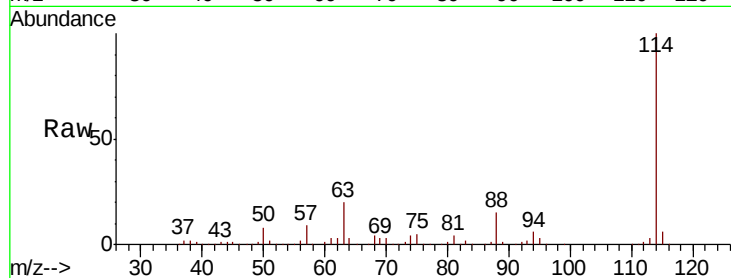
Tot Ion:114 Resp: 1041496

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

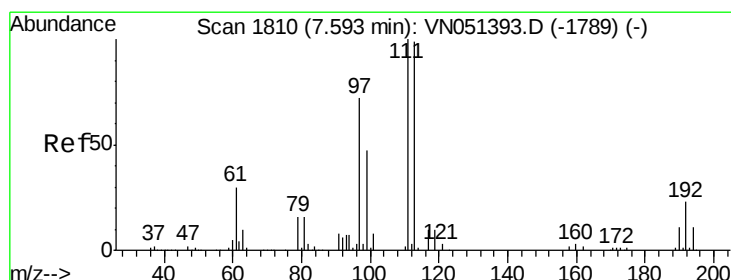
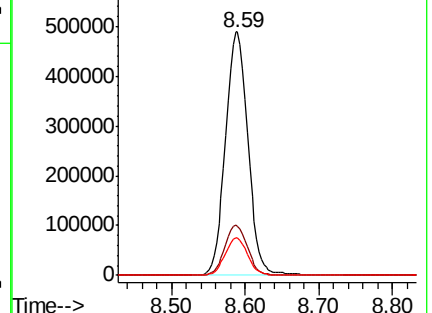
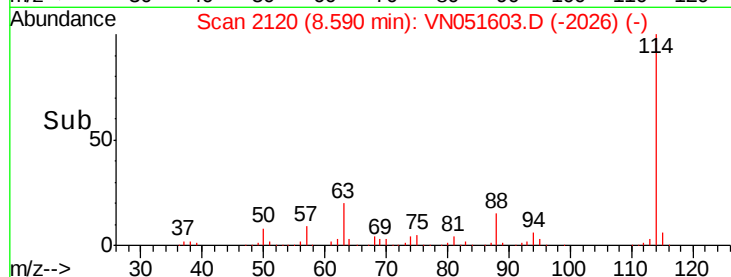
88 15.5 0.0 31.4



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: 48.412 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051603.D

Acq: 27 Sep 2018 23:50

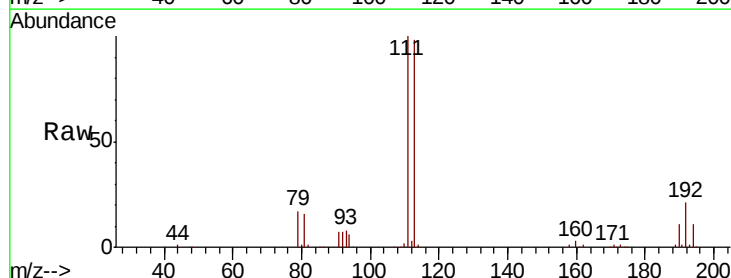
Tgt Ion:113 Resp: 403190

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

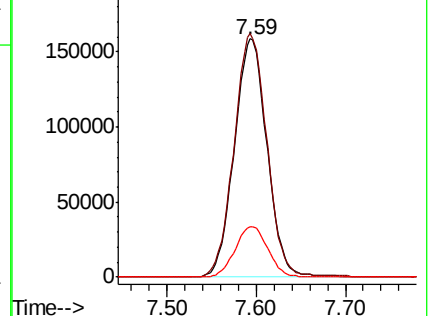
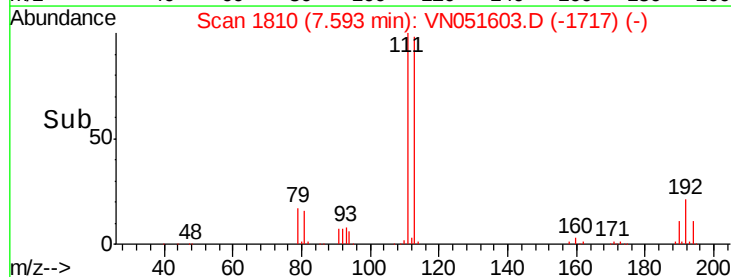
192 21.4 18.0 27.0

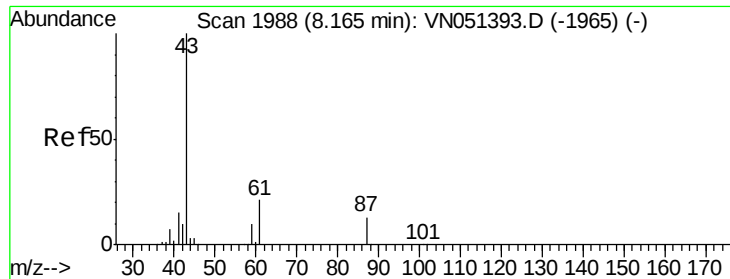


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 26.760 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051603.D

Acq: 27 Sep 2018 23:50

Instrument :

MSVOA_N

ClientSampleId :

TP-4

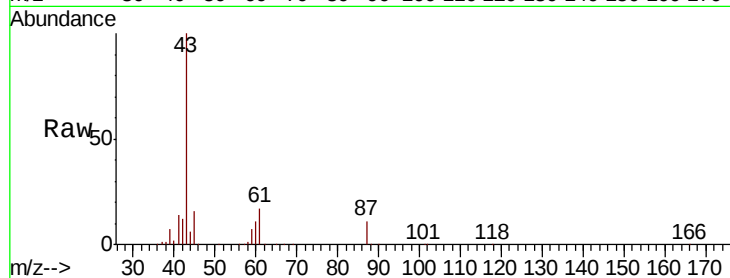
Tot Ion: 43 Resp: 335548

Ion Ratio Lower Upper

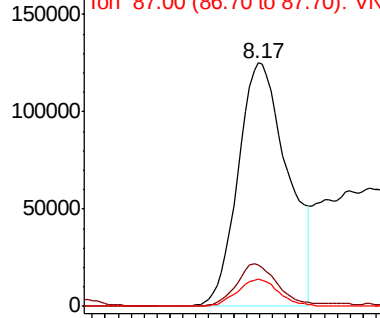
43 100

61 14.6 16.8 25.2#

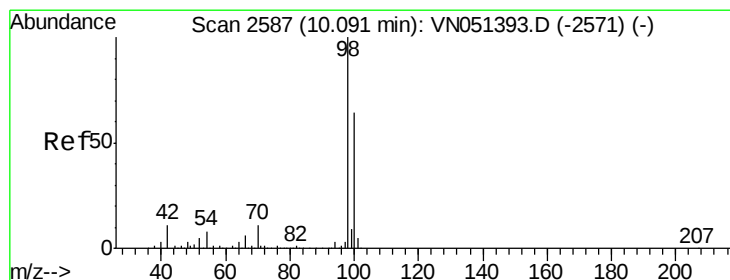
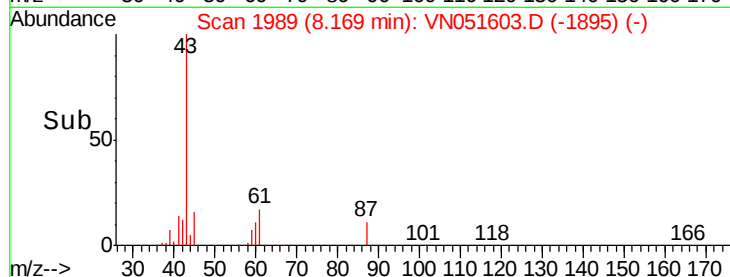
87 9.4 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



Time-->



#50

Toluene-d8

Concen: 45.934 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051603.D

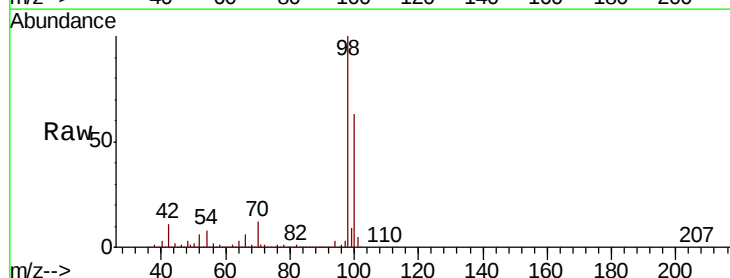
Acq: 27 Sep 2018 23:50

Tgt Ion: 98 Resp: 1440557

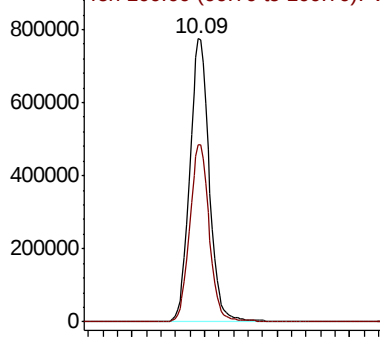
Ion Ratio Lower Upper

98 100

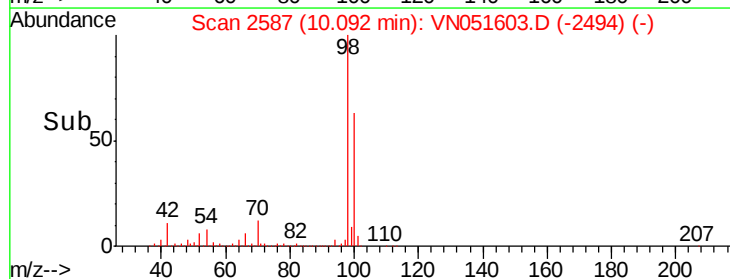
100 62.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO



Time-->





#62

4-Bromofluorobenzene

Concen: 38.977 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051603.D

Acq: 27 Sep 2018 23:50

Instrument :

MSVOA_N

ClientSampled :

TP-4

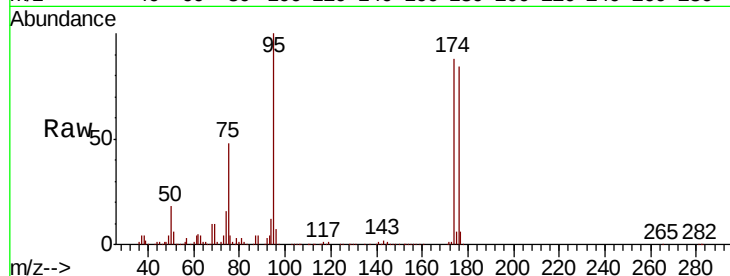
Tot Ion: 95 Resp: 395444

Ion Ratio Lower Upper

95 100

174 87.6 0.0 181.6

176 84.1 0.0 176.4



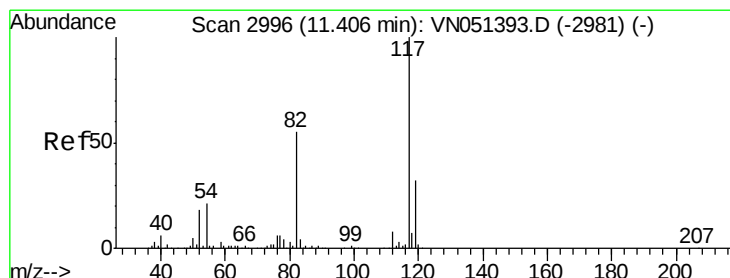
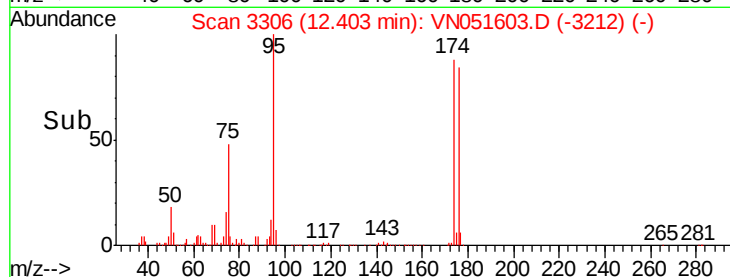
Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051603.D

Acq: 27 Sep 2018 23:50

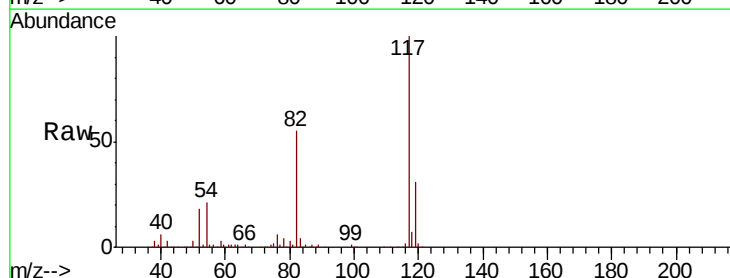
Tgt Ion: 117 Resp: 875847

Ion Ratio Lower Upper

117 100

82 54.5 44.2 66.2

119 31.3 25.9 38.9



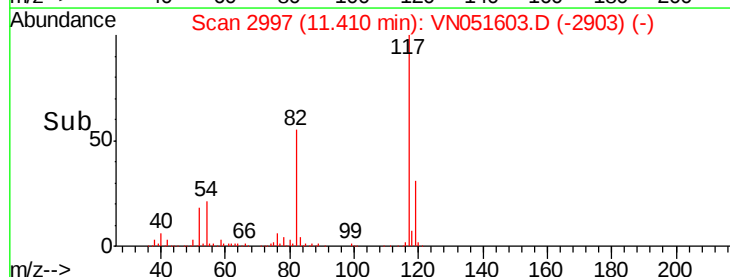
Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

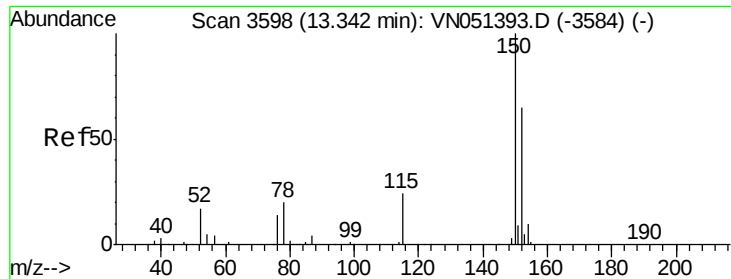
Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

11.41

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051603.D

Acq: 27 Sep 2018 23:50

Instrument :

MSVOA_N

ClientSampleId :

TP-4

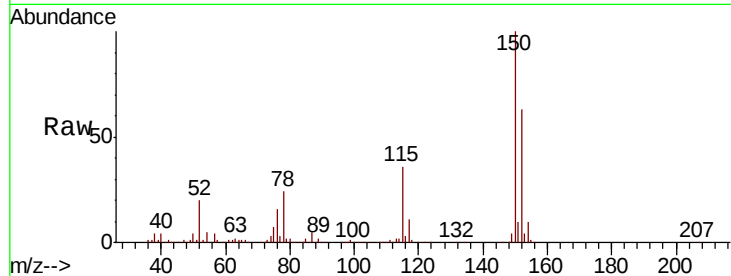
Tot Ion:152 Resp: 315934

Ion Ratio Lower Upper

152 100

115 56.6 28.3 84.9

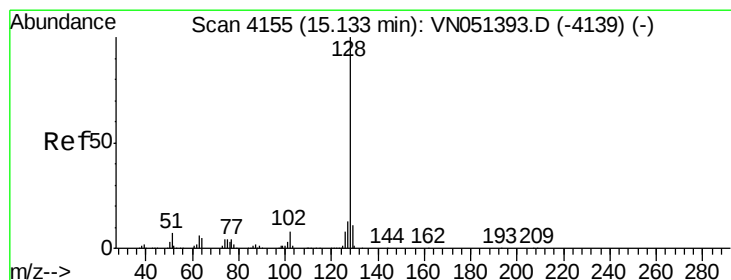
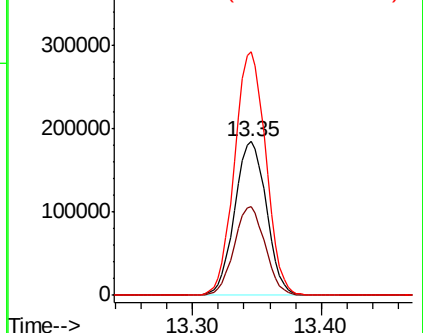
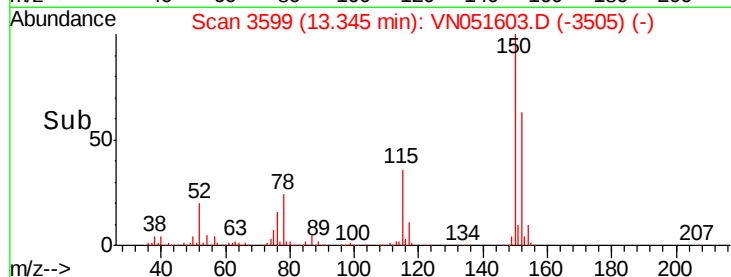
150 156.8 0.0 353.6



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



#95

Naphthalene

Concen: 9.079 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN051603.D

Acq: 27 Sep 2018 23:50

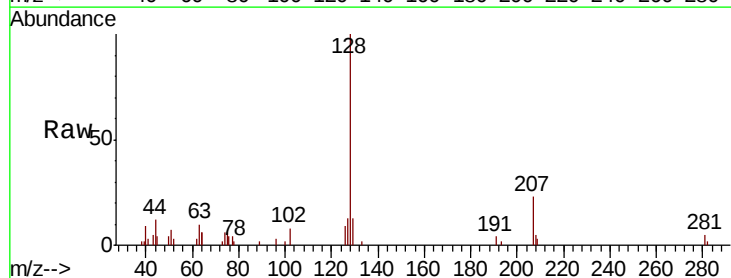
Tgt Ion:128 Resp: 14490

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.5 8.6 12.8



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

