

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051429.D
 Acq On : 23 Sep 2018 22:33
 Operator : MD\SY
 Sample : PB113124TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113124TB

Quant Time: Sep 24 09:07:53 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

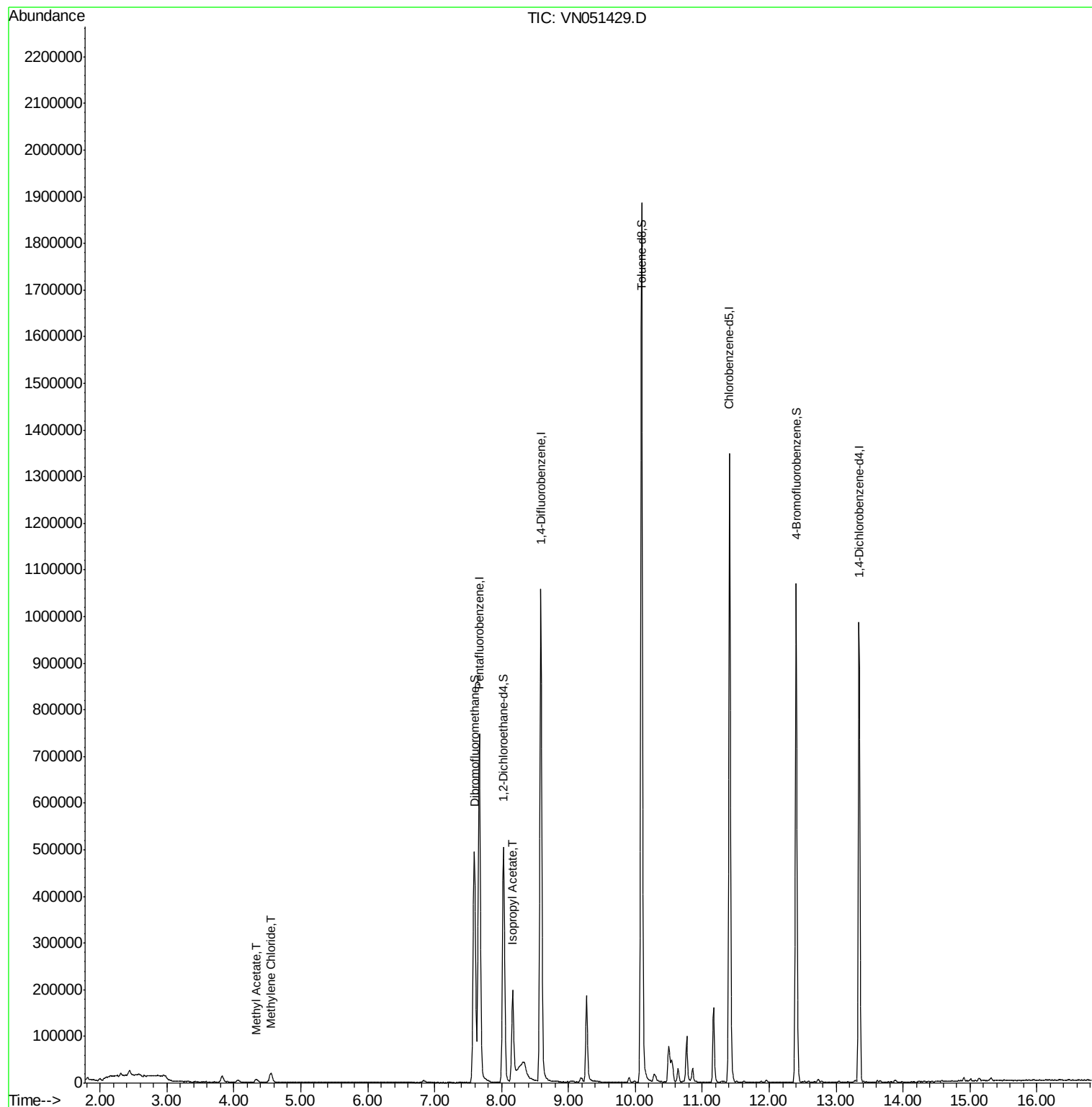
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	988068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	822357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	438426	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
35) Dibromofluoromethane	7.59	113	386017	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	10.09	98	1360825	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.40	95	360984	37.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.00%	
Target Compounds						
18) Methyl Acetate	4.34	43	12169	2.025	ug/l #	84
20) Methylene Chloride	4.55	84	14101	1.806	ug/l	99
43) Isopropyl Acetate	8.17	43	239019	20.092	ug/l	97

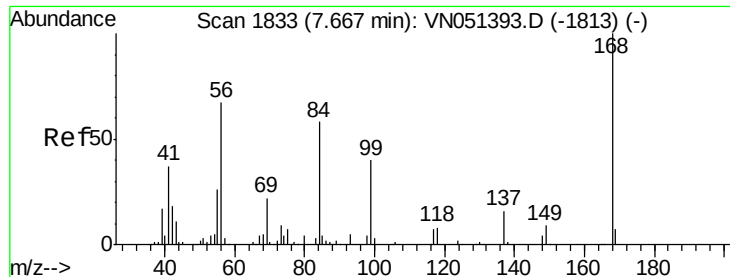
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN051429.D

Acq: 23 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampleId :

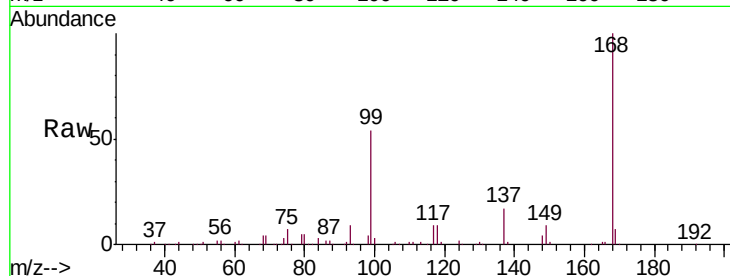
PB113124TB

Tgt Ion:168 Resp: 629973

Ion Ratio Lower Upper

168 100

99 54.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

250000

200000

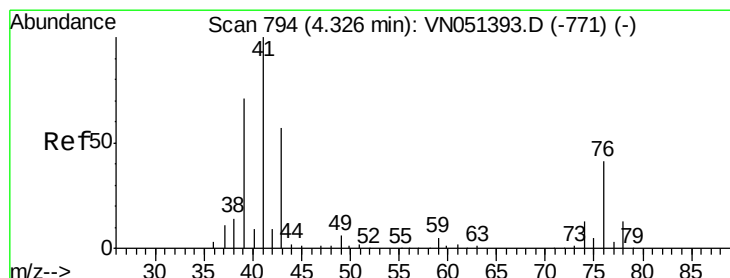
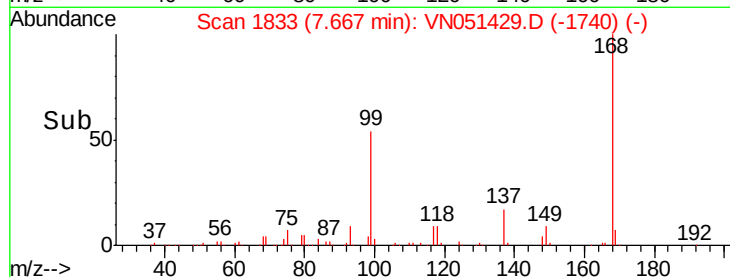
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.025 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051429.D

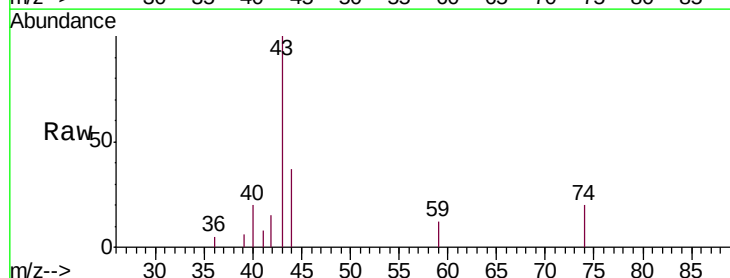
Acq: 23 Sep 2018 22:33

Tgt Ion: 43 Resp: 12169

Ion Ratio Lower Upper

43 100

74 15.7 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN051393.D (-771) (-)

4.34

4000

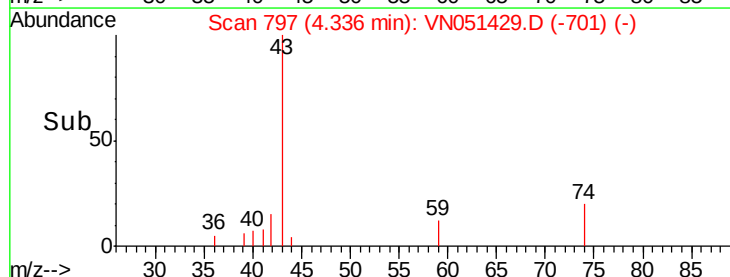
3000

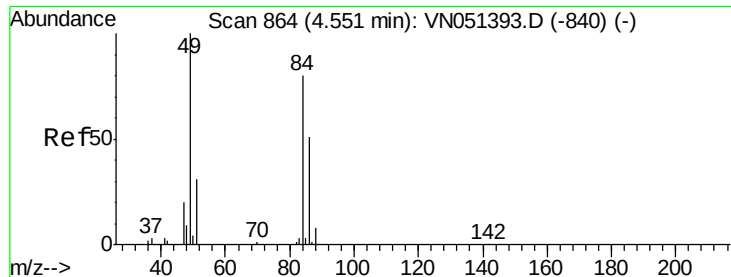
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 1.806 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051429.D

Acq: 23 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampleId :

PB113124TB

Tgt Ion: 84 Resp: 14101

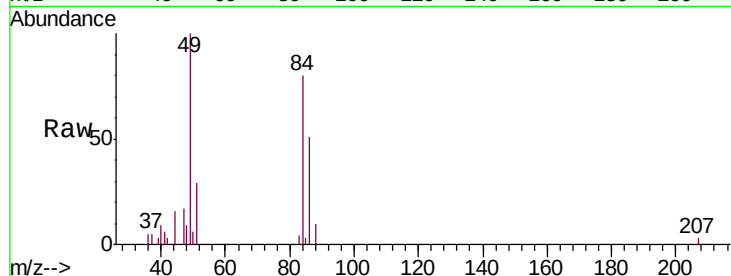
Ion Ratio Lower Upper

84 100

49 125.0 99.9 149.9

51 36.6 31.4 47.2

86 63.2 50.9 76.3

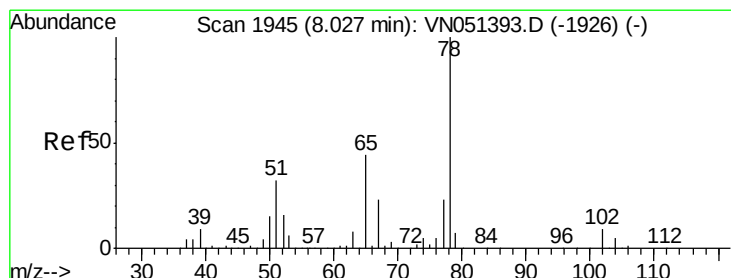
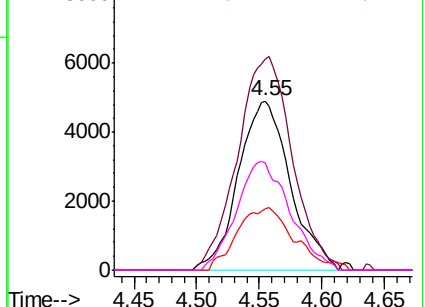
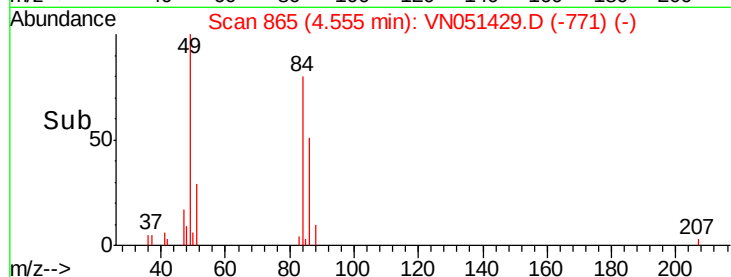


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 55.556 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051429.D

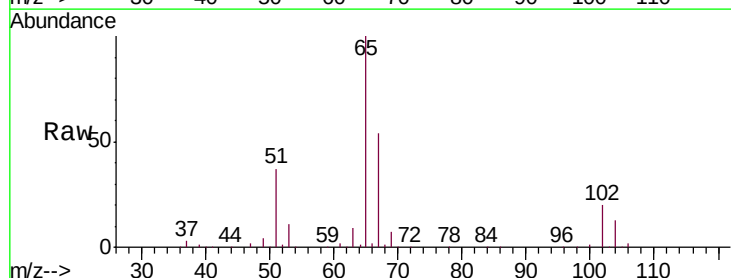
Acq: 23 Sep 2018 22:33

Tgt Ion: 65 Resp: 438426

Ion Ratio Lower Upper

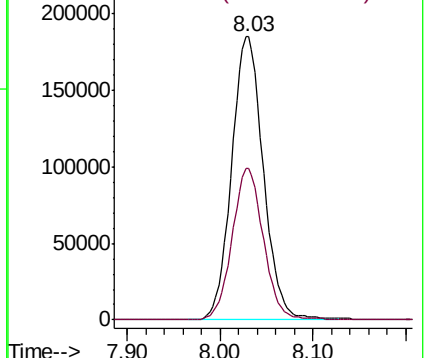
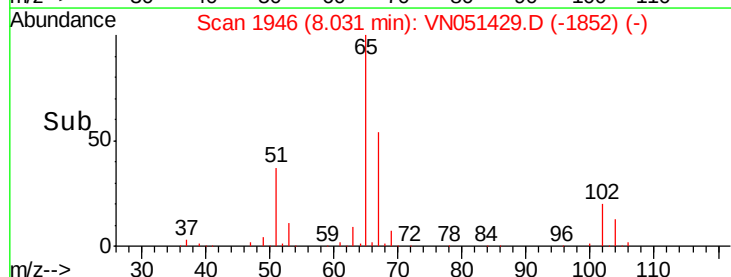
65 100

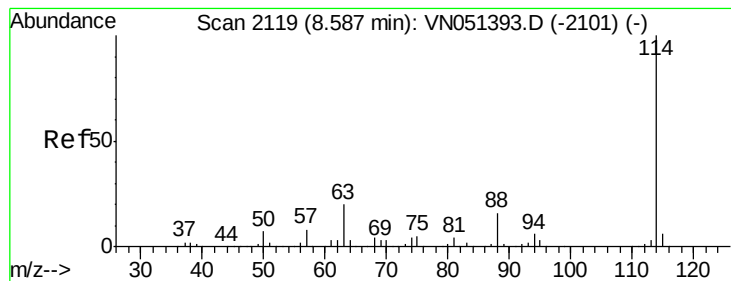
67 52.9 0.0 107.8



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: VN051429.D

Acq: 23 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampleId :

PB113124TB

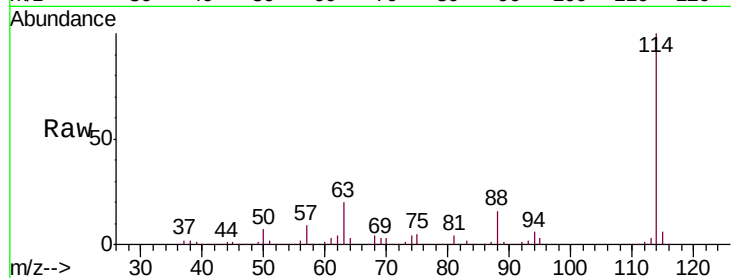
Tgt Ion:114 Resp: 988068

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

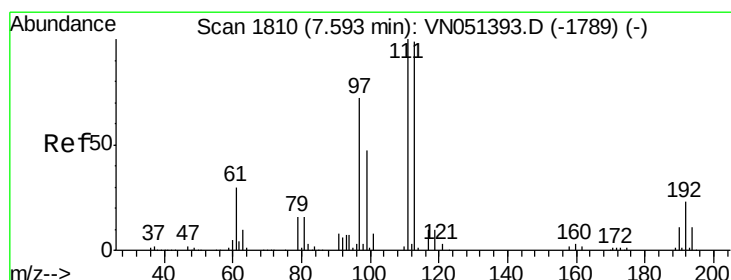
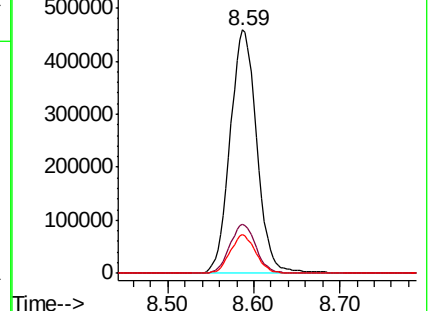
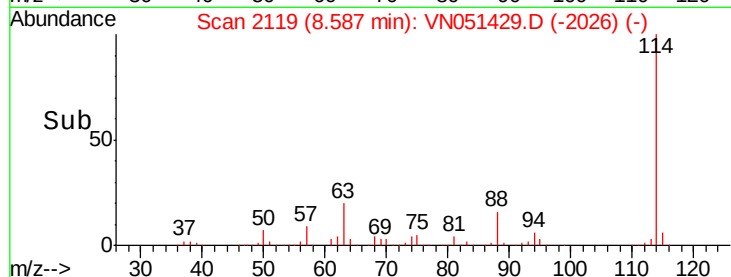
88 15.9 0.0 31.4



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: 48.856 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051429.D

Acq: 23 Sep 2018 22:33

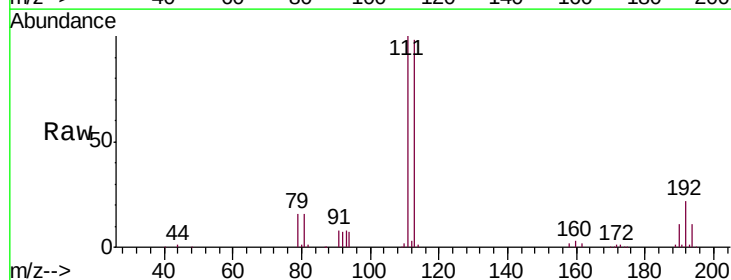
Tgt Ion:113 Resp: 386017

Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

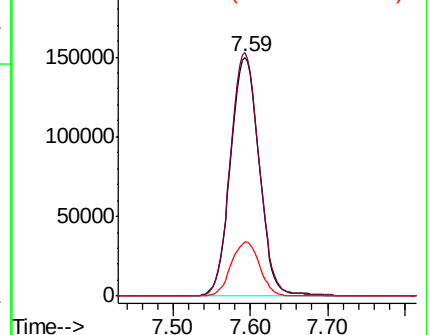
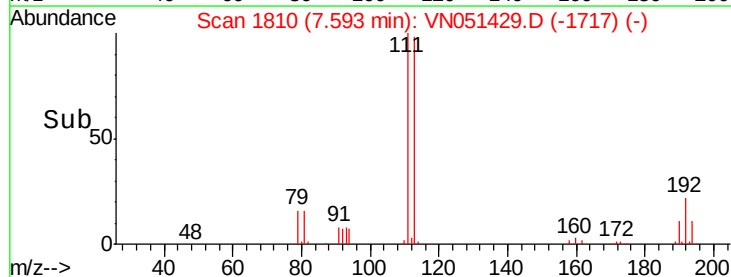
192 22.6 18.0 27.0

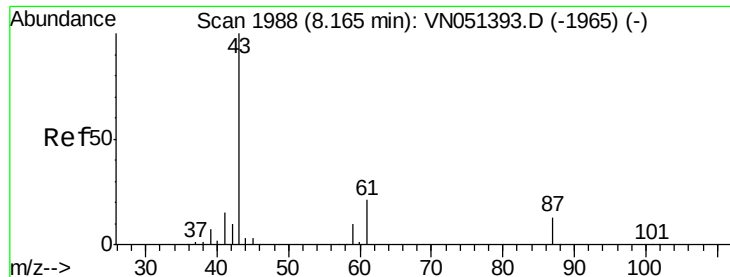


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 20.092 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051429.D

Acq: 23 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampled :

PB113124TB

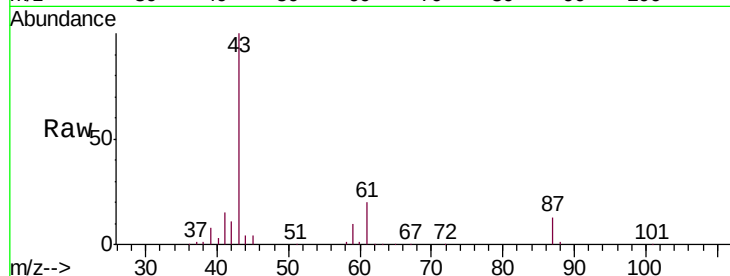
Tgt Ion: 43 Resp: 239019

Ion Ratio Lower Upper

43 100

61 19.1 16.8 25.2

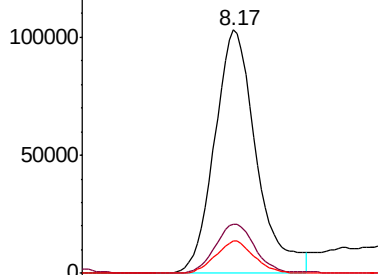
87 12.4 10.7 16.1



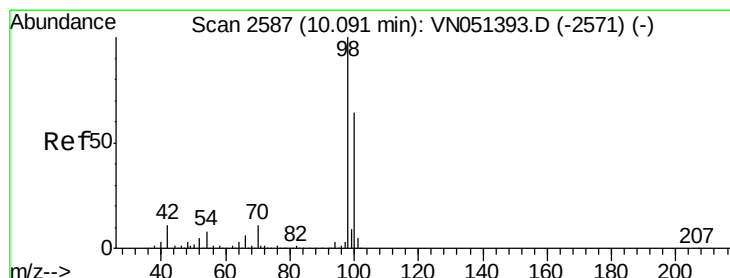
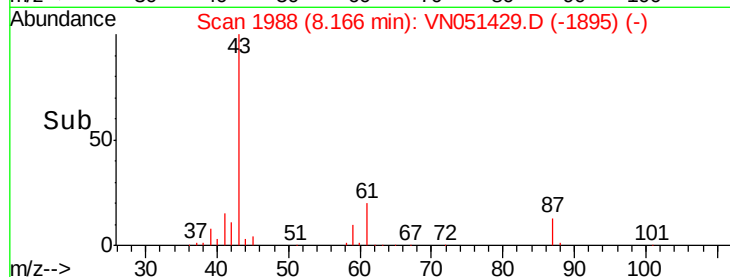
Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)



Time-->



#50

Toluene-d8

Concen: 45.738 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051429.D

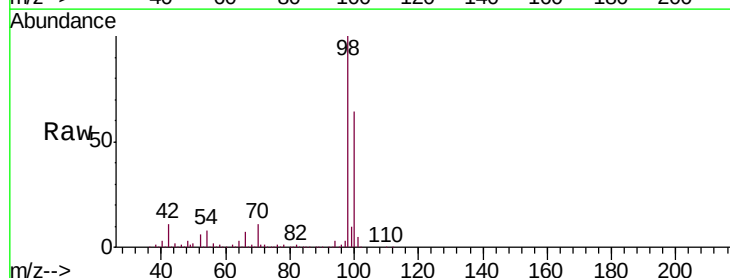
Acq: 23 Sep 2018 22:33

Tgt Ion: 98 Resp: 1360825

Ion Ratio Lower Upper

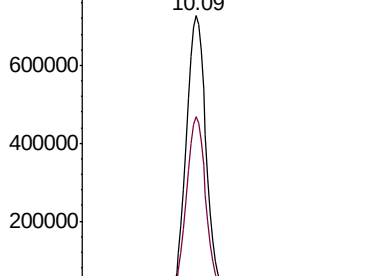
98 100

100 63.9 50.6 75.8

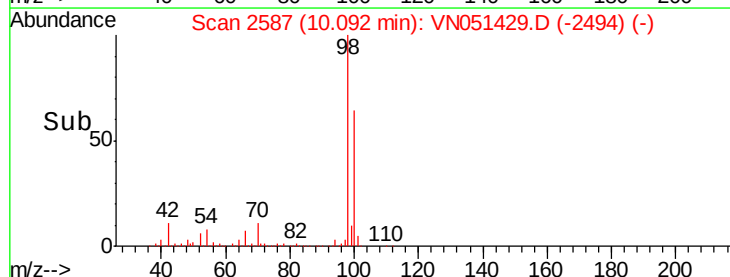


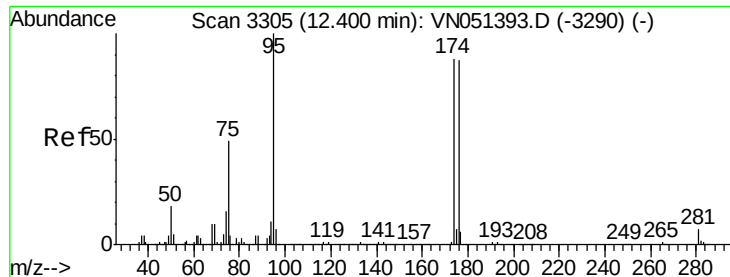
Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 37.505 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051429.D

Acq: 23 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampled :

PB113124TB

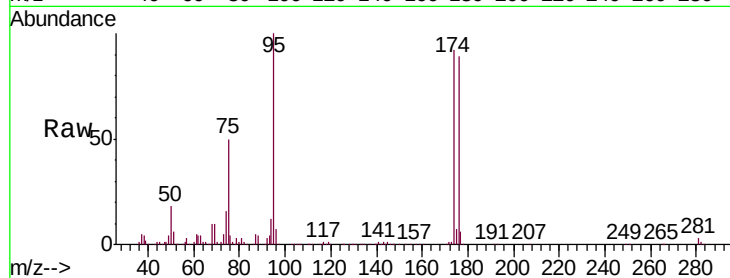
Tgt Ion: 95 Resp: 360984

Ion Ratio Lower Upper

95 100

174 90.5 0.0 181.6

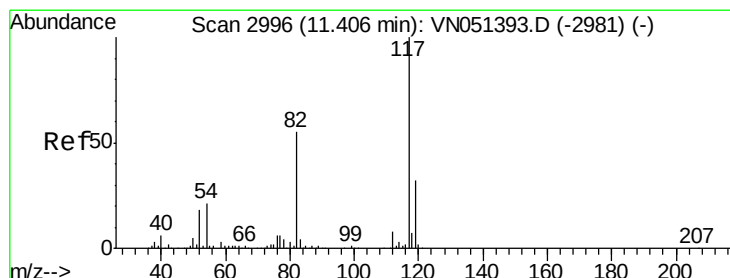
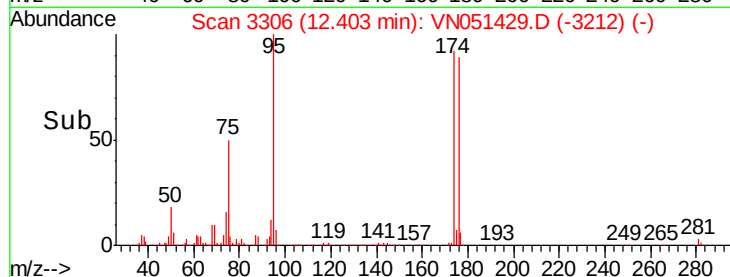
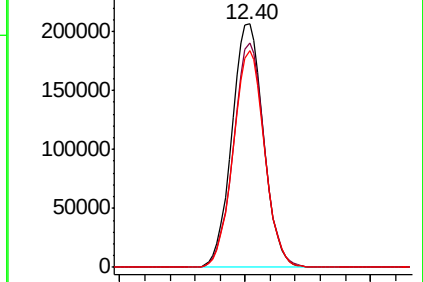
176 88.1 0.0 176.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051429.D

Acq: 23 Sep 2018 22:33

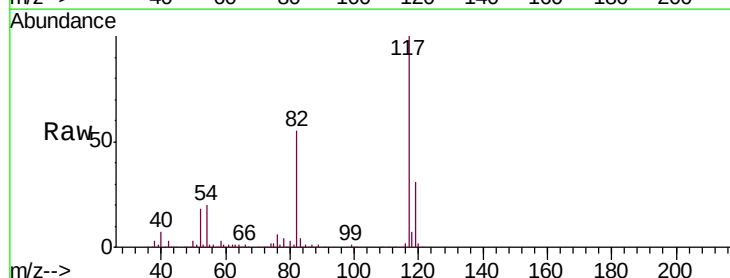
Tgt Ion: 117 Resp: 822357

Ion Ratio Lower Upper

117 100

82 54.8 44.2 66.2

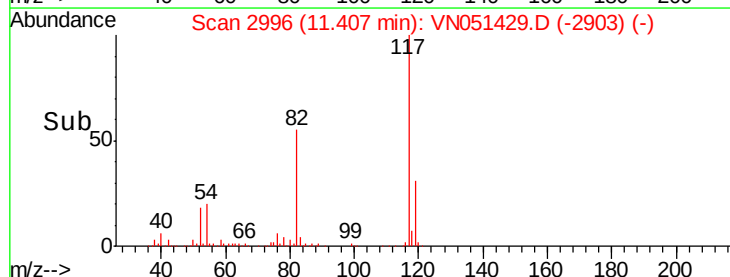
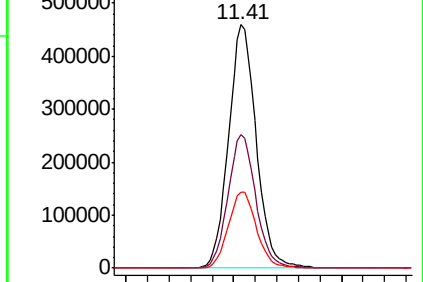
119 31.4 25.9 38.9

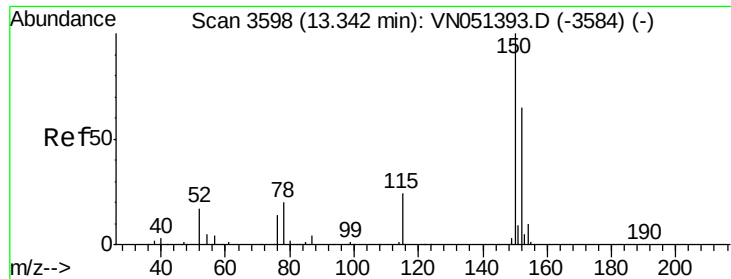


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051429.D

Acq: 23 Sep 2018 22:33

Instrument :

MSVOA_N

ClientSampleId :

PB113124TB

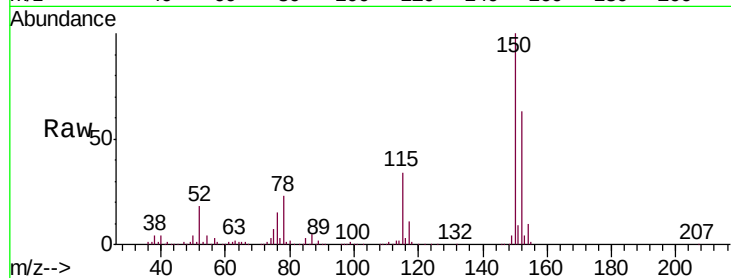
Tgt Ion:152 Resp: 281842

Ion Ratio Lower Upper

152 100

115 55.1 28.3 84.9

150 156.2 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

