

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051422.D
 Acq On : 23 Sep 2018 18:53
 Operator : MD\SY
 Sample : J5023-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-PIT-2

Quant Time: Sep 24 08:22:01 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	649280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1022284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	845330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	313525	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	449194	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
35) Dibromofluoromethane	7.59	113	394768	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.09	98	1403130	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
62) 4-Bromofluorobenzene	12.40	95	387101	38.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.74%	

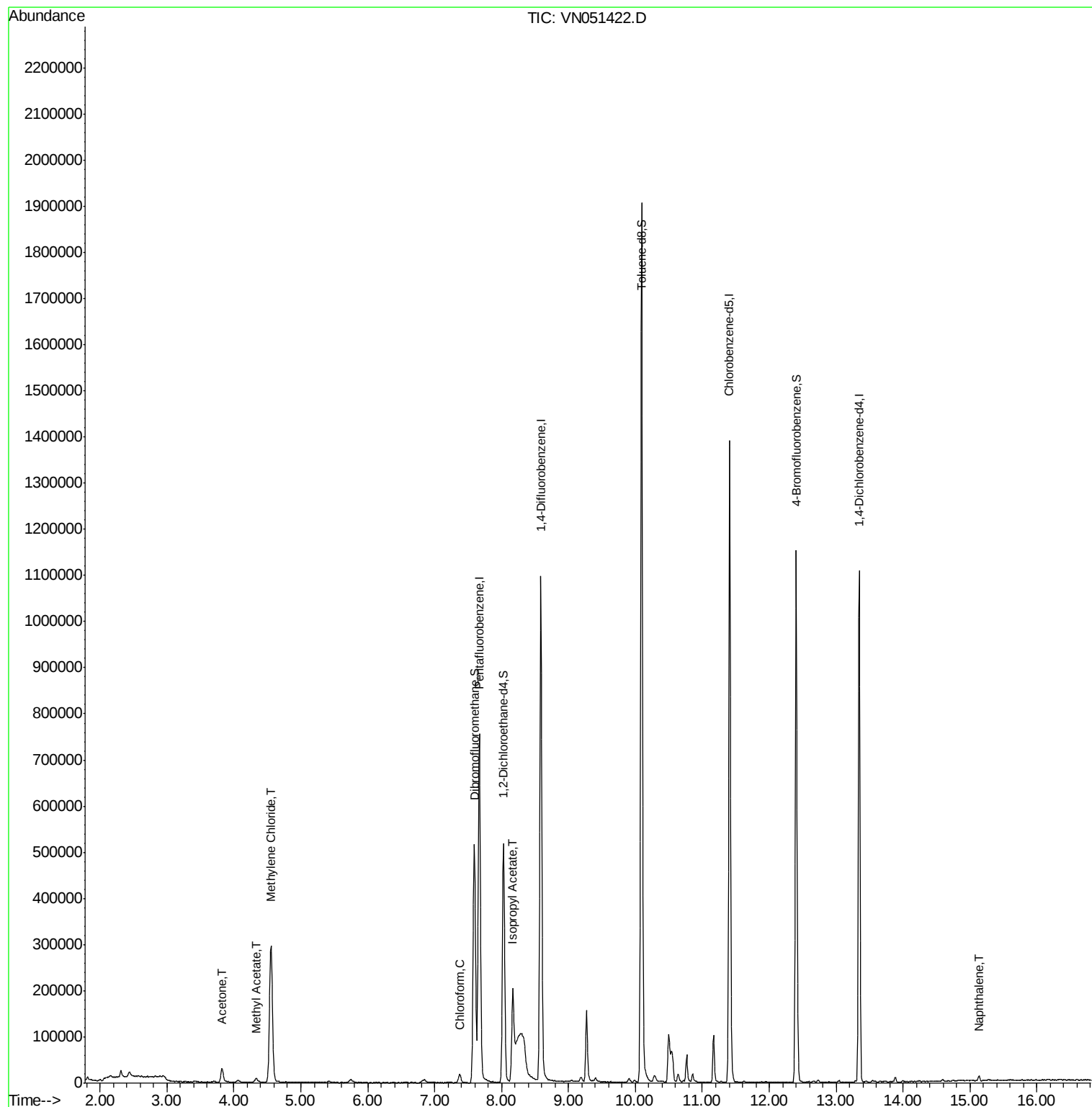
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	49271	3.543	ug/l	98
18) Methyl Acetate	4.33	43	16824	2.716	ug/l	97
20) Methylene Chloride	4.55	84	224138	27.849	ug/l	99
30) Chloroform	7.37	83	19622	1.417	ug/l	96
43) Isopropyl Acetate	8.17	43	257431	20.916	ug/l	94
95) Naphthalene	15.13	128	9480	8.727	ug/l	99

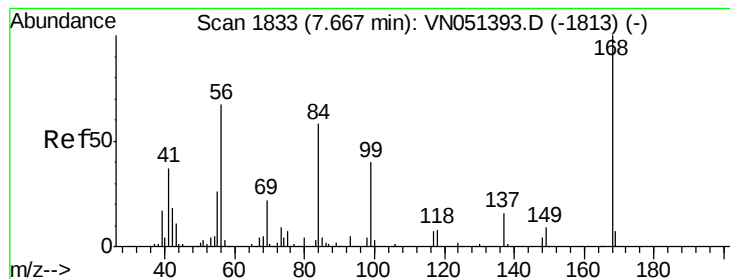
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051422.D

Acq: 23 Sep 2018 18:53

Instrument :

MSVOA_N

ClientSampleId :

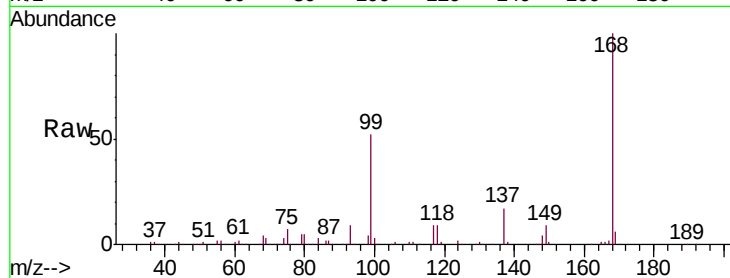
NB-PIT-2

Tgt Ion:168 Resp: 649280

Ion Ratio Lower Upper

168 100

99 51.9 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

300000

250000

200000

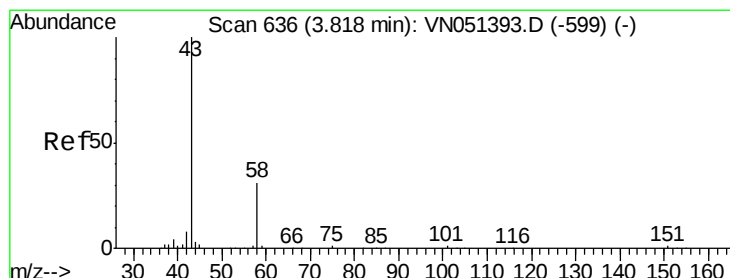
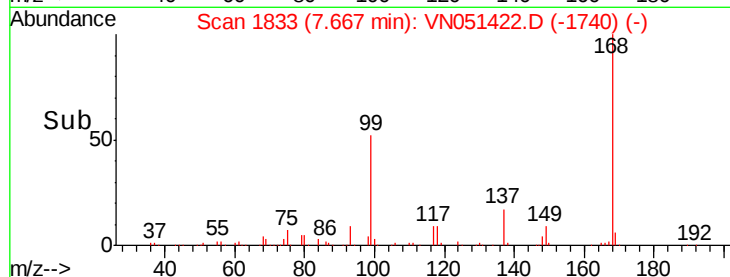
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.543 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051422.D

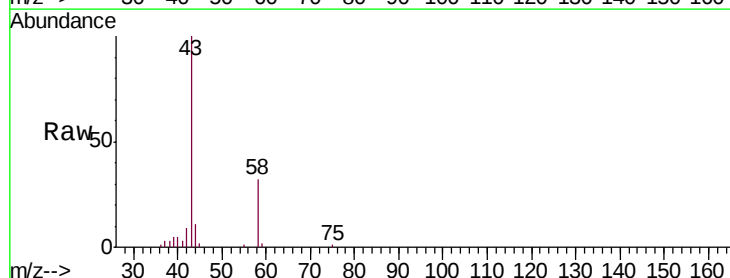
Acq: 23 Sep 2018 18:53

Tgt Ion: 43 Resp: 49271

Ion Ratio Lower Upper

43 100

58 32.1 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-599) (-)

3.82

20000

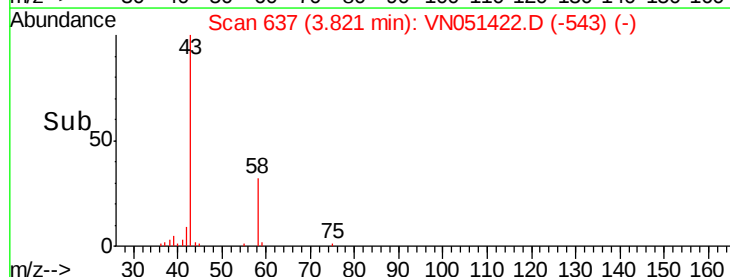
15000

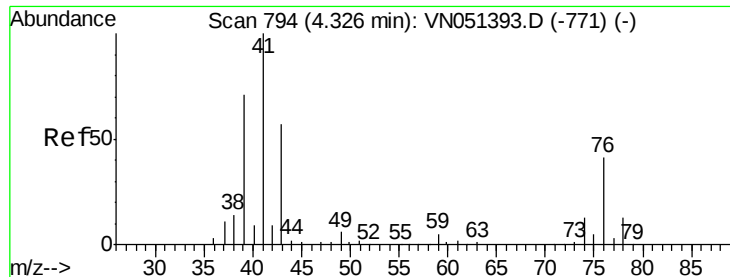
10000

5000

0

Time-->

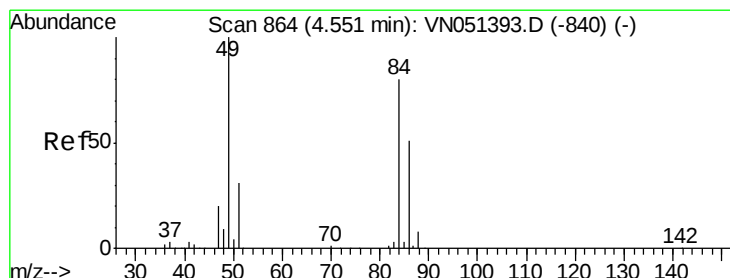
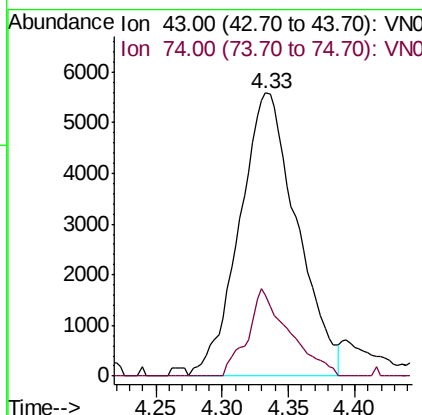
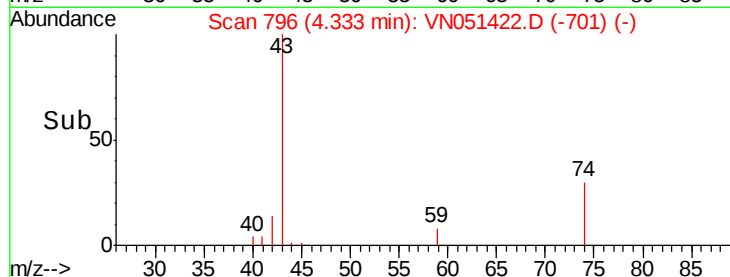
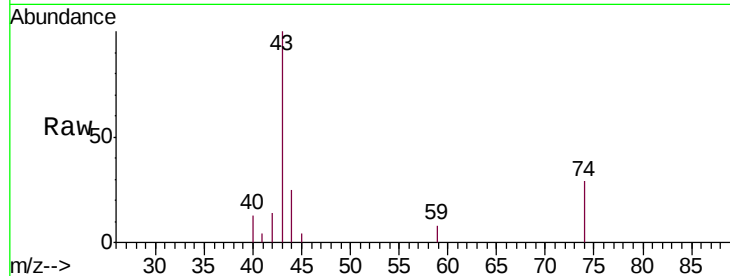




#18
Methyl Acetate
Concen: 2.716 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051422.D
Acq: 23 Sep 2018 18:53

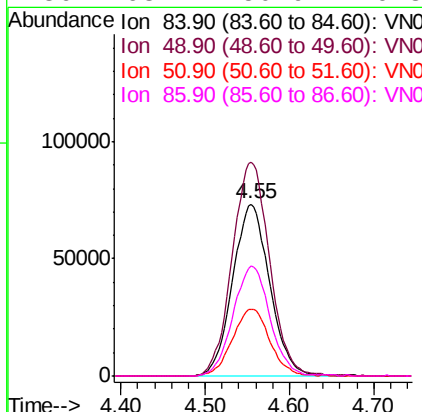
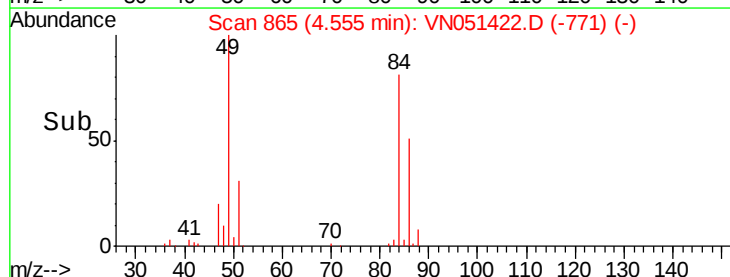
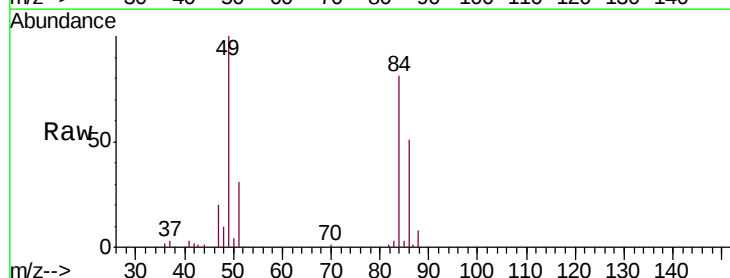
Instrument :
MSVOA_N
ClientSampleId :
NB-PIT-2

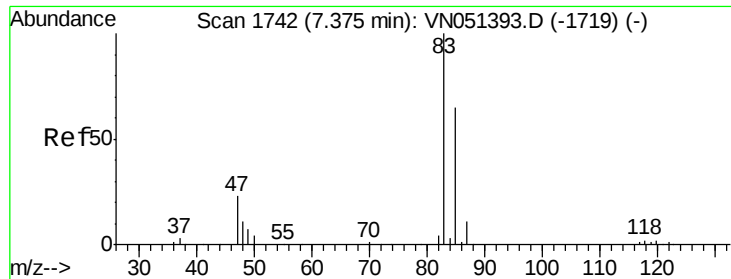
Tgt Ion: 43 Resp: 16824
Ion Ratio Lower Upper
43 100
74 22.2 18.8 28.2



#20
Methylene Chloride
Concen: 27.849 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051422.D
Acq: 23 Sep 2018 18:53

Tgt Ion: 84 Resp: 224138
Ion Ratio Lower Upper
84 100
49 124.1 99.9 149.9
51 38.5 31.4 47.2
86 63.7 50.9 76.3

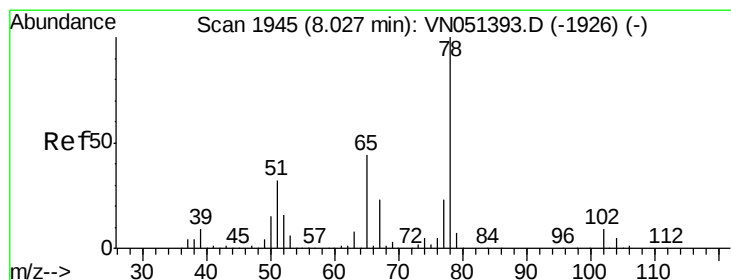
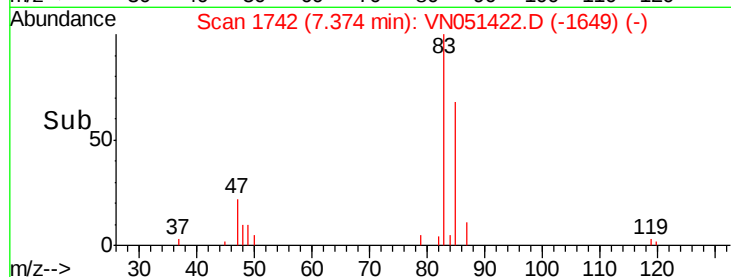
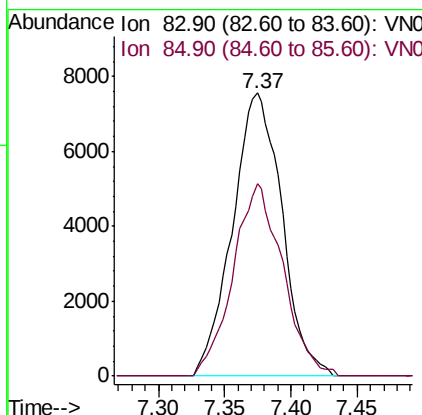
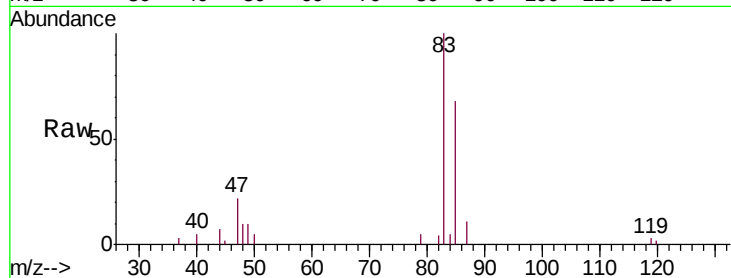




#30
 Chloroform
 Concen: 1.417 ug/l
 RT: 7.37 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VN051422.D
 Acq: 23 Sep 2018 18:53

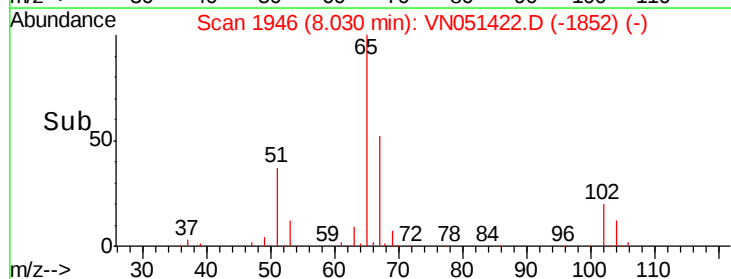
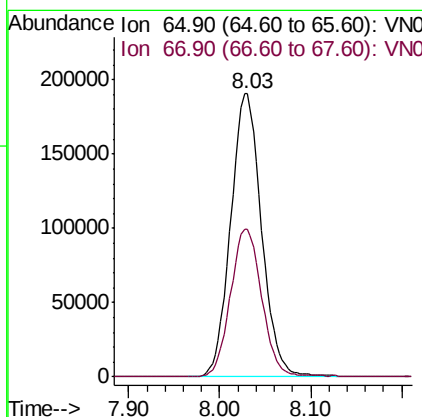
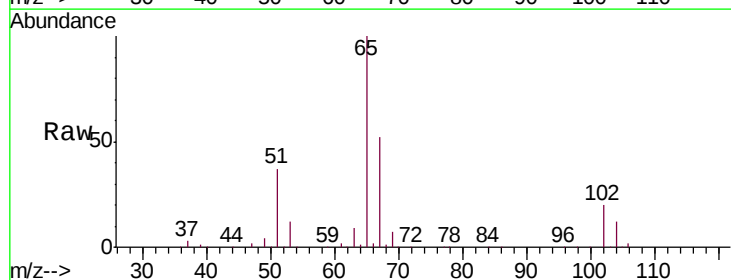
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-PIT-2

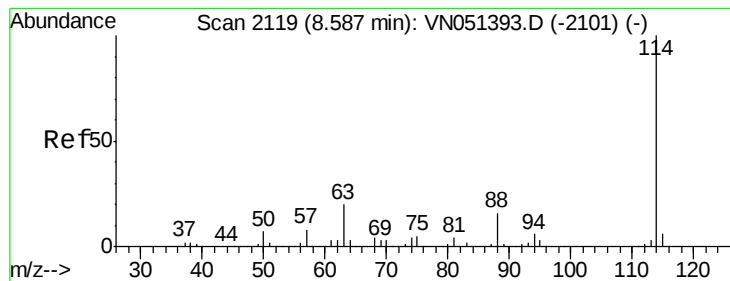
Tgt Ion: 83 Resp: 19622
 Ion Ratio Lower Upper
 83 100
 85 67.9 51.8 77.6



#33
 1,2-Dichloroethane-d4
 Concen: 55.228 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051422.D
 Acq: 23 Sep 2018 18:53

Tgt Ion: 65 Resp: 449194
 Ion Ratio Lower Upper
 65 100
 67 53.0 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: VN051422.D

Acq: 23 Sep 2018 18:53

Instrument :

MSVOA_N

ClientSampleId :

NB-PIT-2

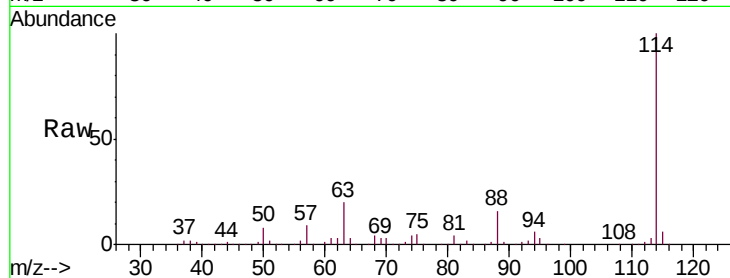
Tgt Ion:114 Resp: 1022284

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 15.7 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

600000

500000

400000

300000

200000

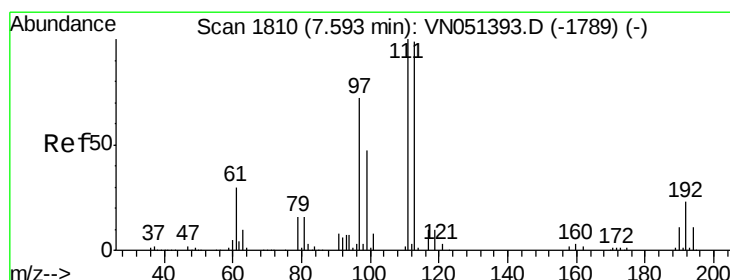
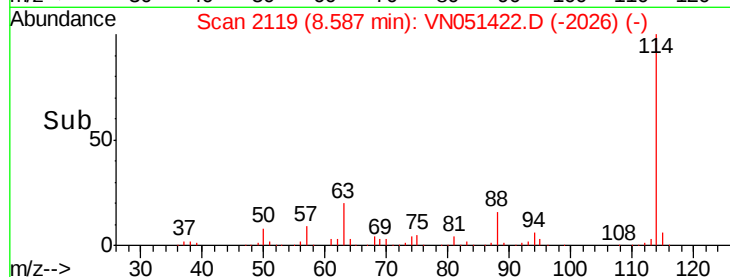
100000

0

8.59

8.50 8.60 8.70 8.80

Time-->



#35

Dibromofluoromethane

Concen: 48.291 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051422.D

Acq: 23 Sep 2018 18:53

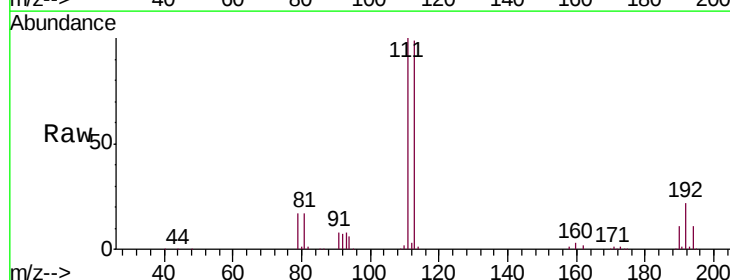
Tgt Ion:113 Resp: 394768

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 22.5 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

200000

150000

100000

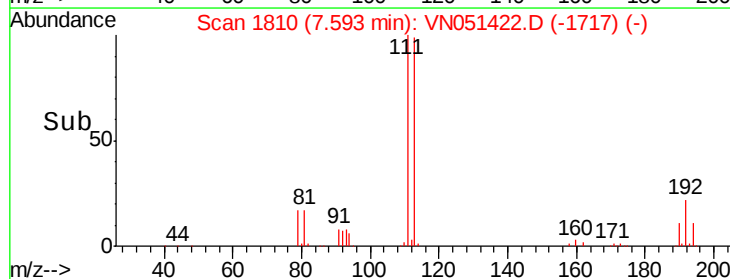
50000

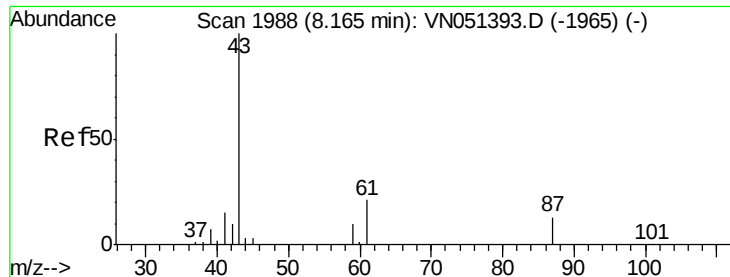
0

7.59

7.50 7.60 7.70

Time-->





#43

Isopropyl Acetate

Concen: 20.916 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051422.D

Acq: 23 Sep 2018 18:53

Instrument :

MSVOA_N

ClientSampled :

NB-PIT-2

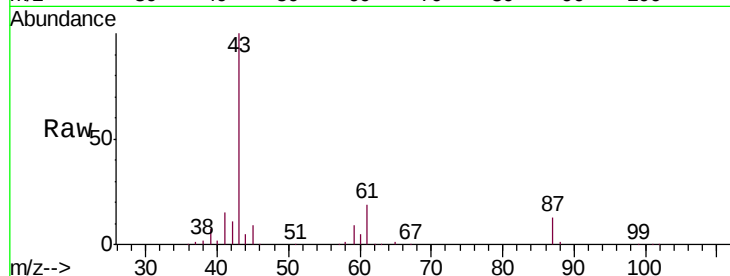
Tgt Ion: 43 Resp: 257431

Ion Ratio Lower Upper

43 100

61 17.9 16.8 25.2

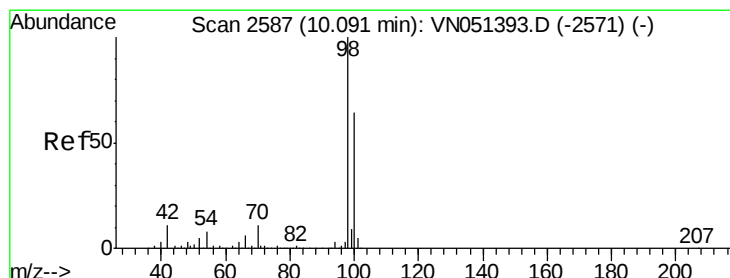
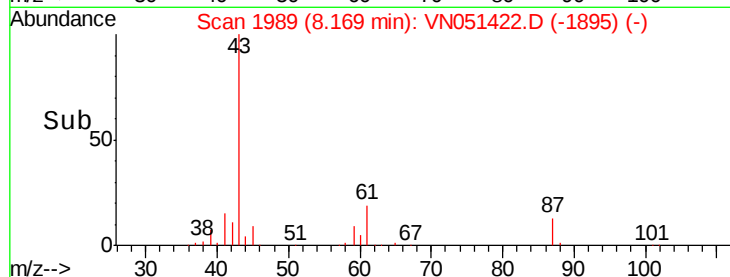
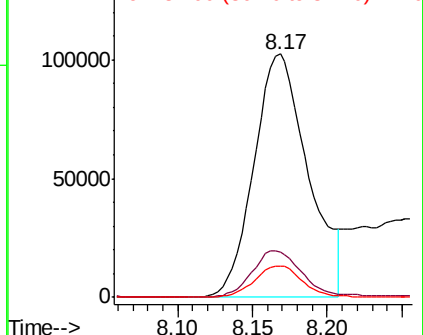
87 11.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.581 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051422.D

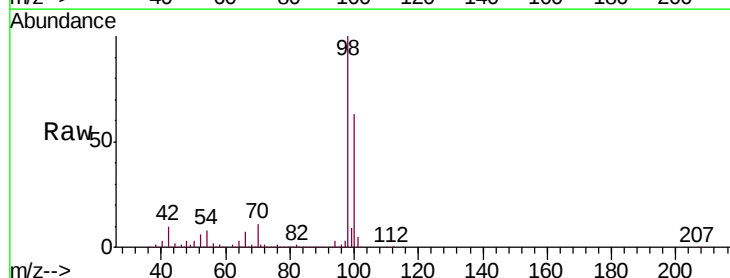
Acq: 23 Sep 2018 18:53

Tgt Ion: 98 Resp: 1403130

Ion Ratio Lower Upper

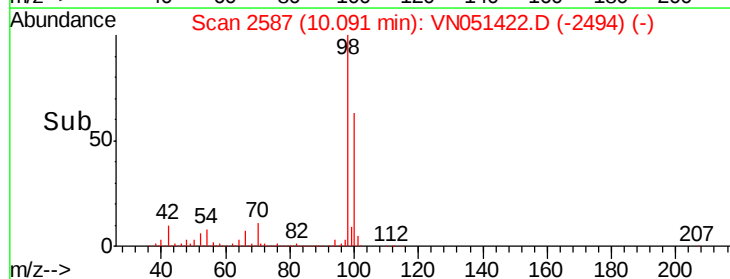
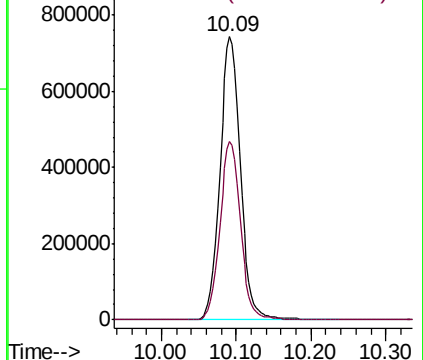
98 100

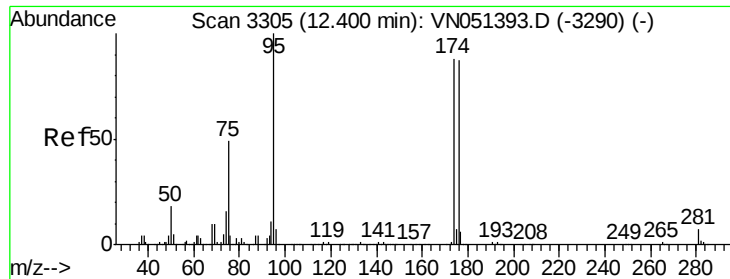
100 63.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.872 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051422.D

Acq: 23 Sep 2018 18:53

Instrument :

MSVOA_N

ClientSampleId :

NB-PIT-2

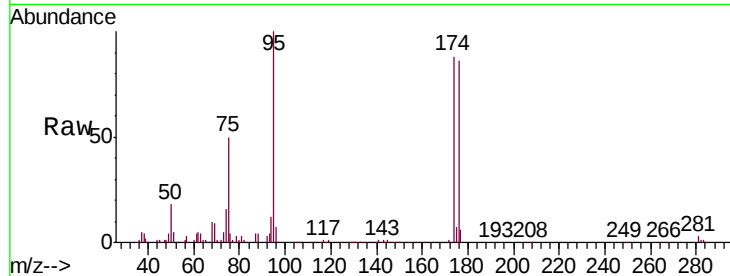
Tgt Ion: 95 Resp: 387101

Ion Ratio Lower Upper

95 100

174 89.5 0.0 181.6

176 87.5 0.0 176.4

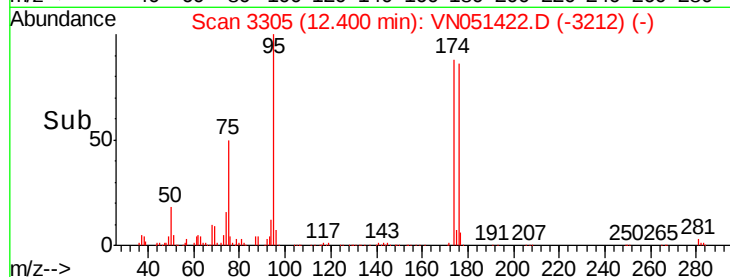


Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

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

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

Time-->

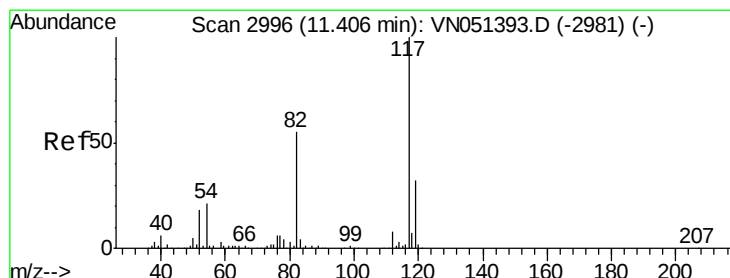


Abundance Ion 94.90 (94.60 to 95.60): VN051422.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051422.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051422.D (-3212) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051422.D

Acq: 23 Sep 2018 18:53

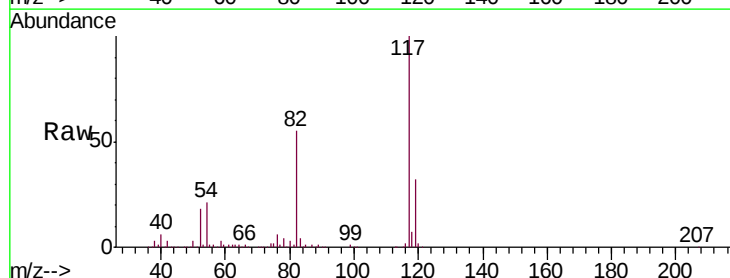
Tgt Ion: 117 Resp: 845330

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

119 32.4 25.9 38.9

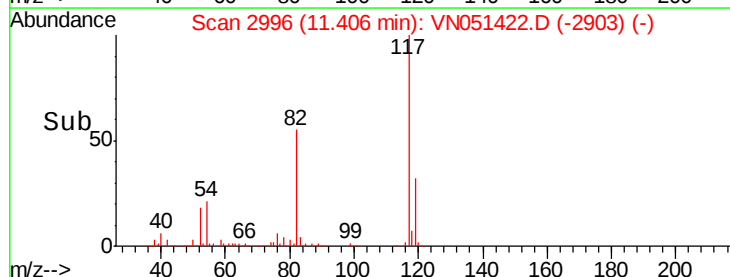


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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

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

Time-->

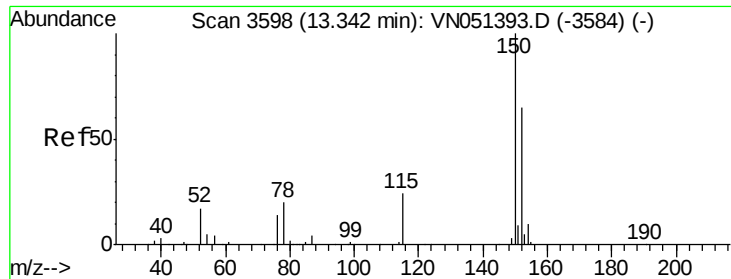


Abundance Ion 116.90 (116.60 to 117.60): VN051422.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051422.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051422.D (-2903) (-)

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: VN051422.D

Acq: 23 Sep 2018 18:53

Instrument :

MSVOA_N

ClientSampleId :

NB-PIT-2

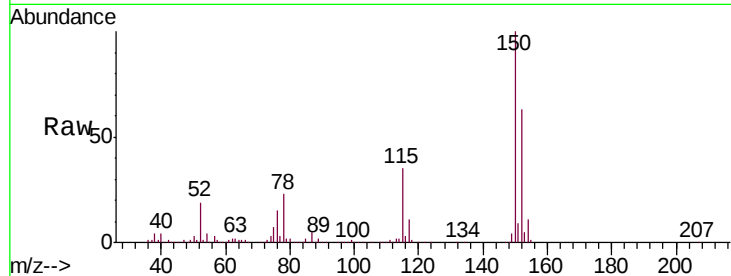
Tgt Ion:152 Resp: 313525

Ion Ratio Lower Upper

152 100

115 56.4 28.3 84.9

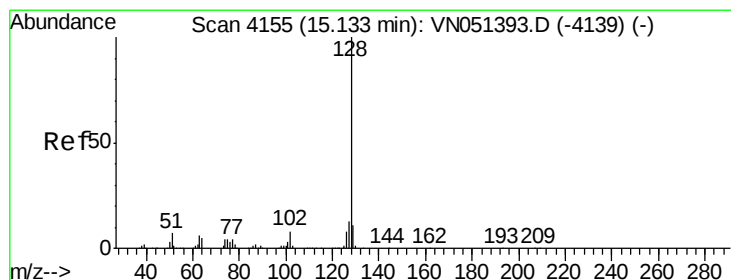
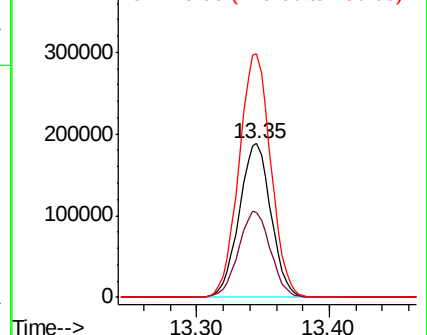
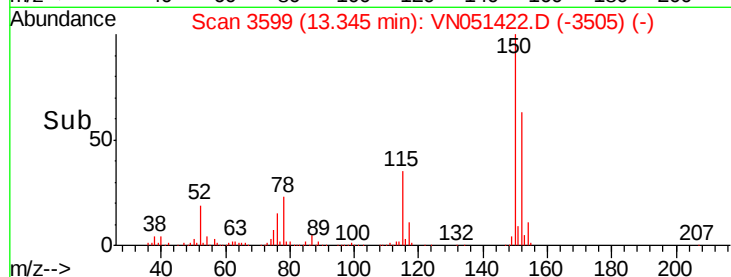
150 158.4 0.0 353.6



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: 8.727 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051422.D

Acq: 23 Sep 2018 18:53

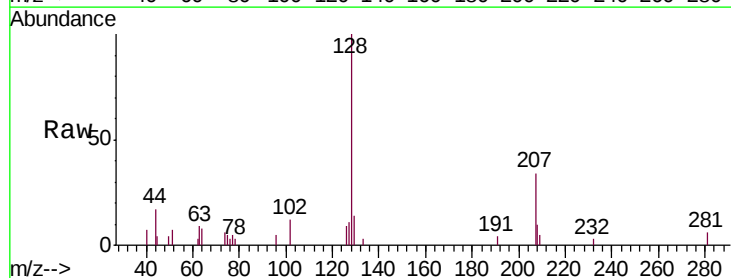
Tgt Ion:128 Resp: 9480

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.6 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

