

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051405.D
 Acq On : 23 Sep 2018 11:55
 Operator : MD\SY
 Sample : J4777-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-0920-18-A

Quant Time: Sep 24 07:07:33 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

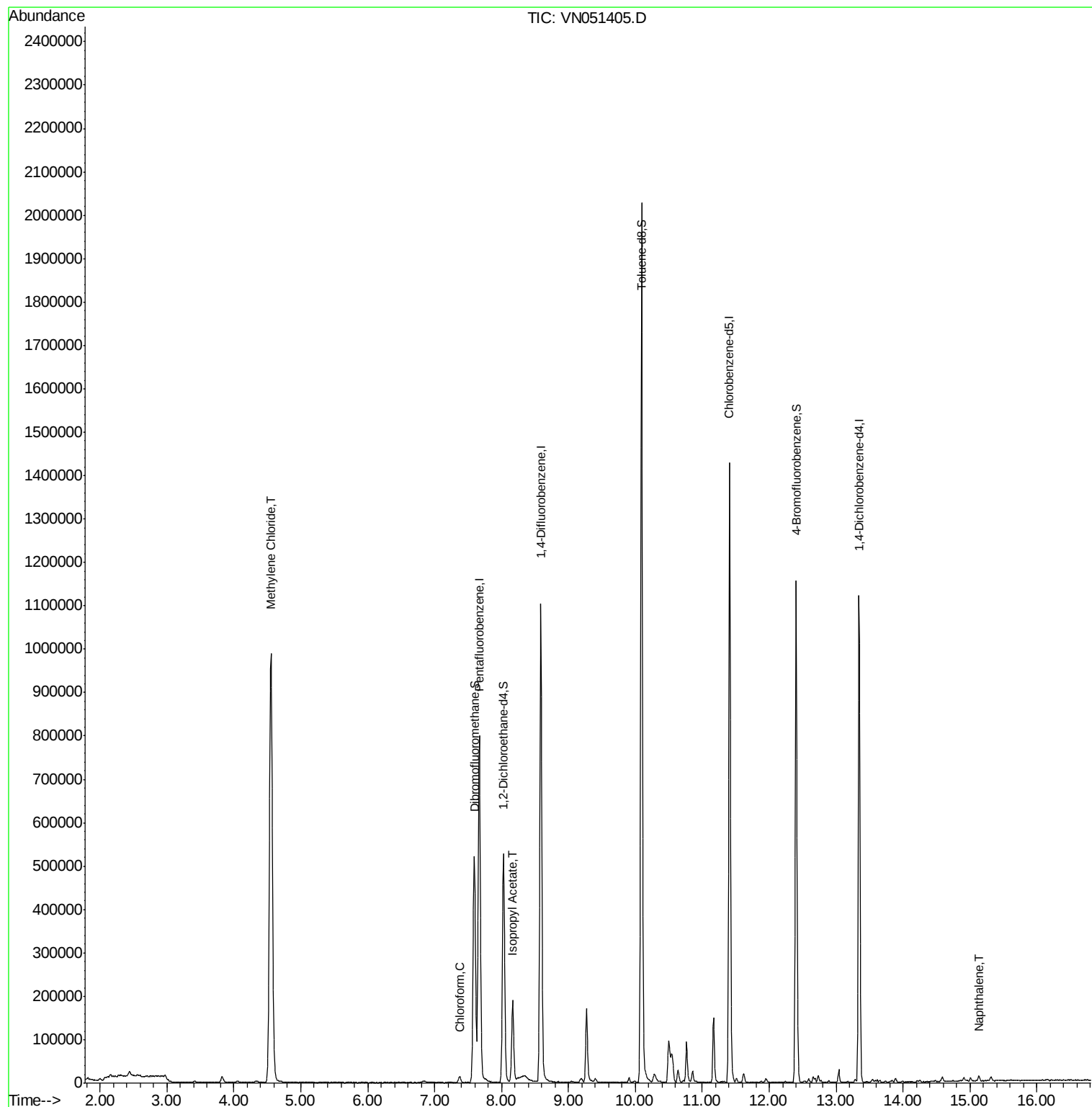
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	679329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1027215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	869746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	323780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	455321	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
35) Dibromofluoromethane	7.59	113	403094	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	10.09	98	1445235	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
62) 4-Bromofluorobenzene	12.40	95	399249	39.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.80%	
Target Compounds						
20) Methylene Chloride	4.55	84	752725	89.388	ug/l	99
30) Chloroform	7.37	83	14557	1.004	ug/l	99
43) Isopropyl Acetate	8.17	43	217746	17.606	ug/l	98
95) Naphthalene	15.14	128	10248	8.759	ug/l #	91

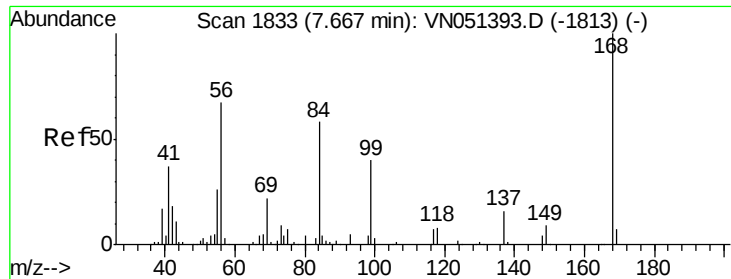
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
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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: VN051405.D

Acq: 23 Sep 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

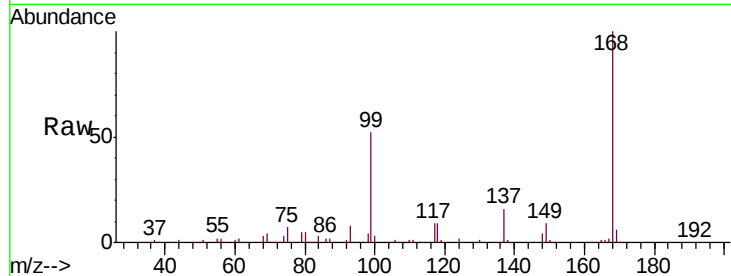
PL-02-0920-18-A

Tgt Ion:168 Resp: 679329

Ion Ratio Lower Upper

168 100

99 51.5 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

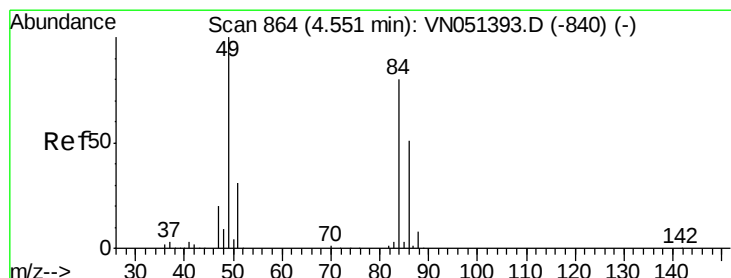
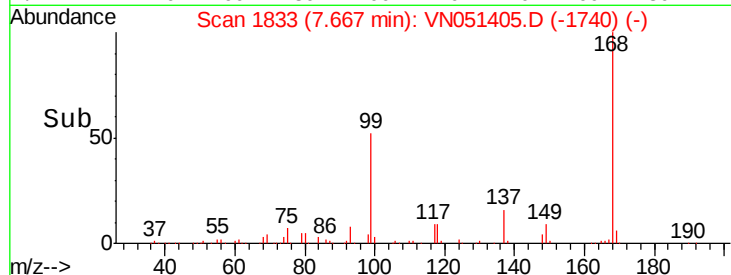
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 89.388 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051405.D

Acq: 23 Sep 2018 11:55

Tgt Ion: 84 Resp: 752725

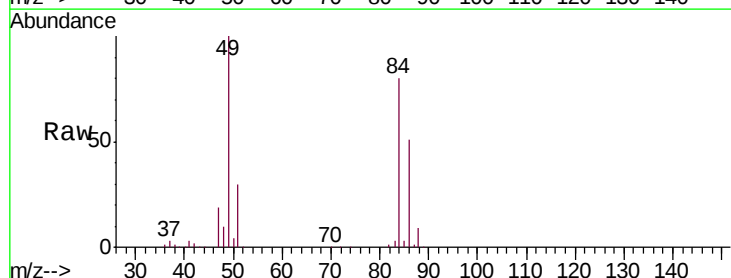
Ion Ratio Lower Upper

84 100

49 124.9 99.9 149.9

51 37.2 31.4 47.2

86 63.3 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

400000

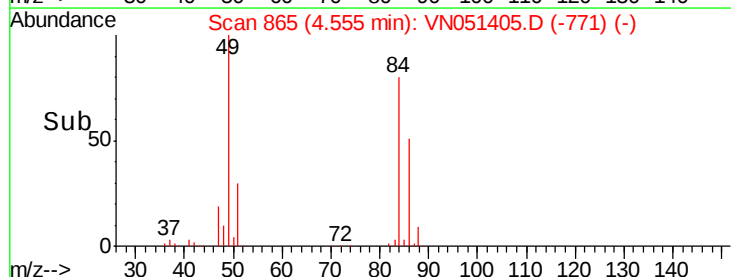
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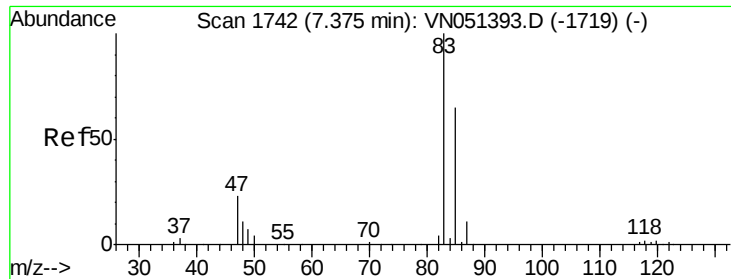
200000

100000

0

Time-->

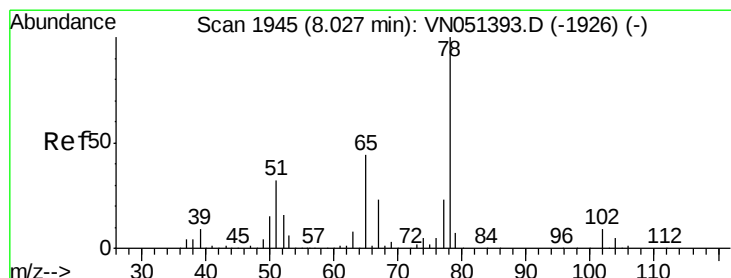
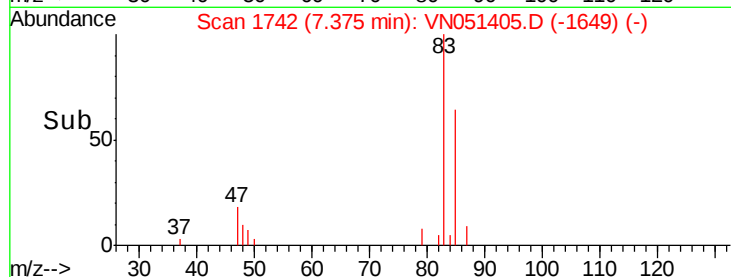
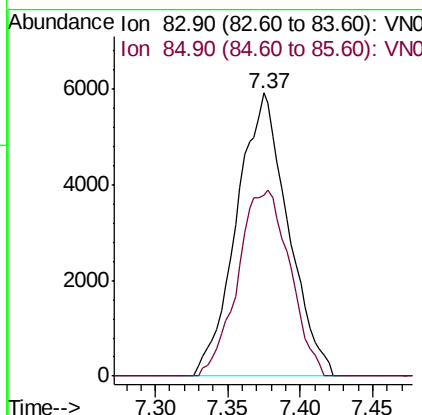
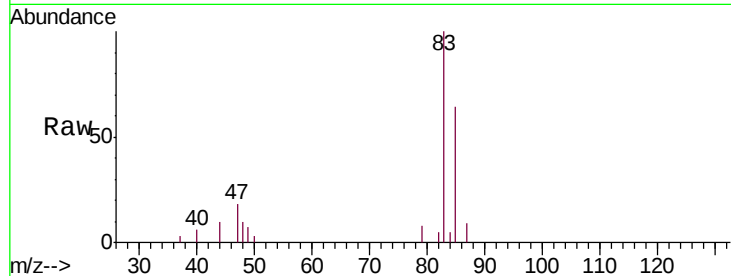




#30
Chloroform
Concen: 1.004 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

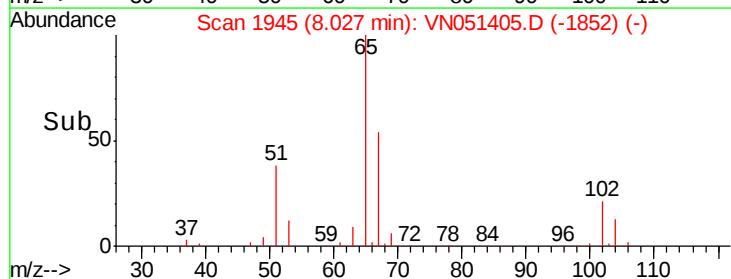
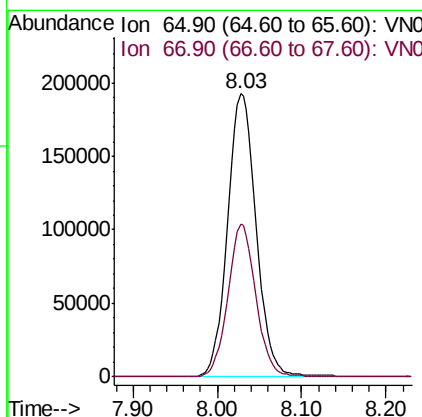
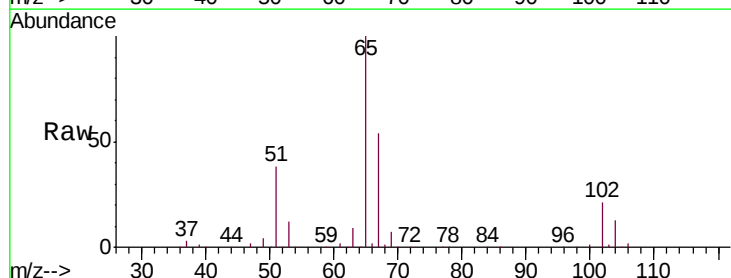
Instrument :
MSVOA_N
ClientSampleId :
PL-02-0920-18-A

Tgt Ion: 83 Resp: 14557
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 53.505 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051405.D
Acq: 23 Sep 2018 11:55

Tgt Ion: 65 Resp: 455321
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.8

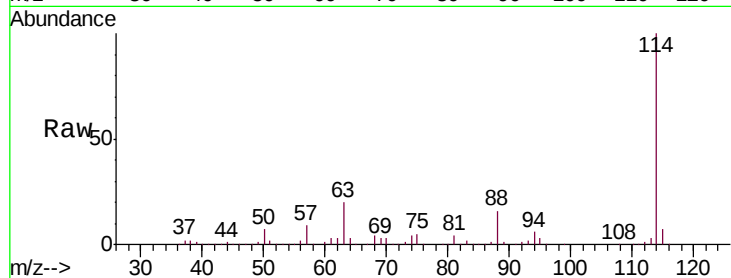




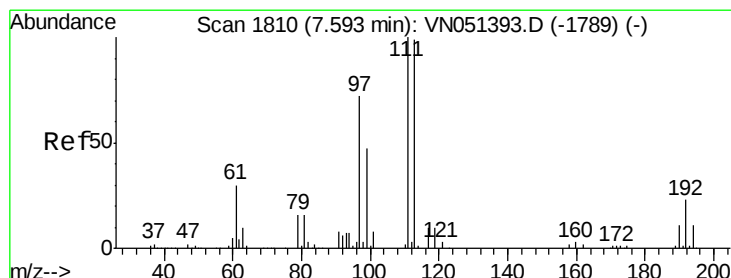
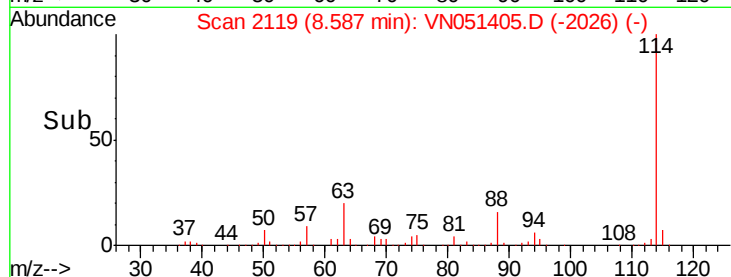
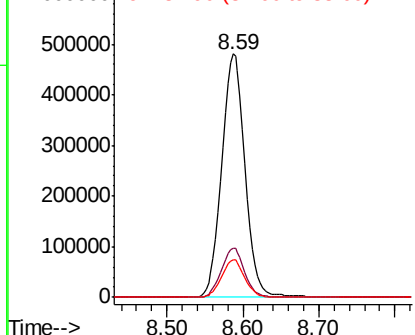
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051405.D
 Acq: 23 Sep 2018 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-0920-18-A

Tgt Ion:114 Resp: 1027215
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 15.7 0.0 31.4

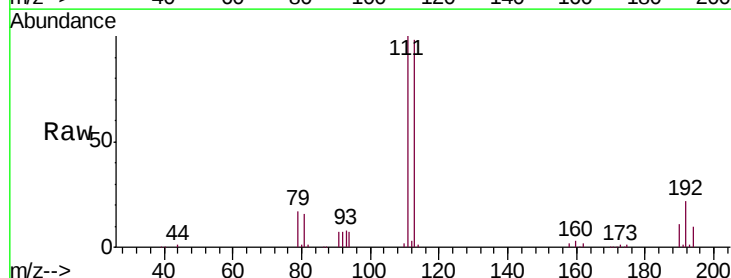


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

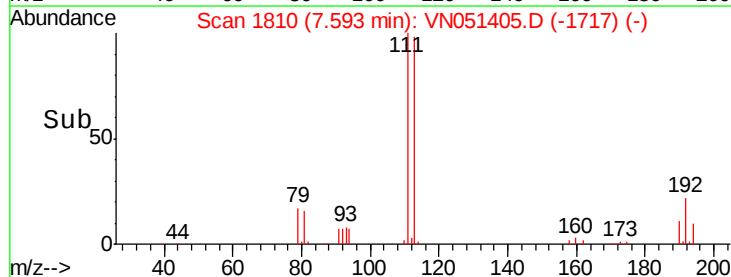
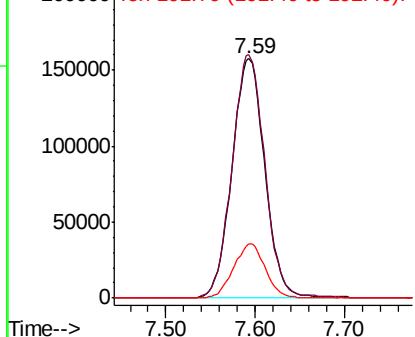


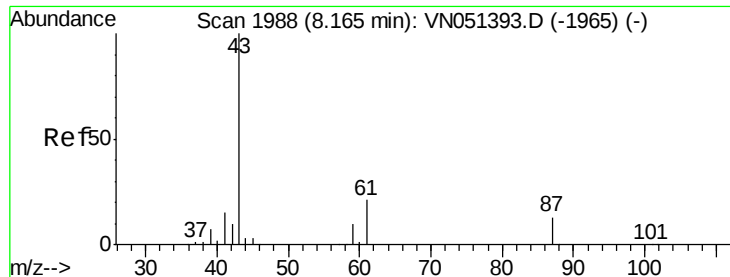
#35
 Dibromofluoromethane
 Concen: 49.073 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051405.D
 Acq: 23 Sep 2018 11:55

Tgt Ion:113 Resp: 403094
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.6 123.8
 192 22.0 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: 17.606 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051405.D

Acq: 23 Sep 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

PL-02-0920-18-A

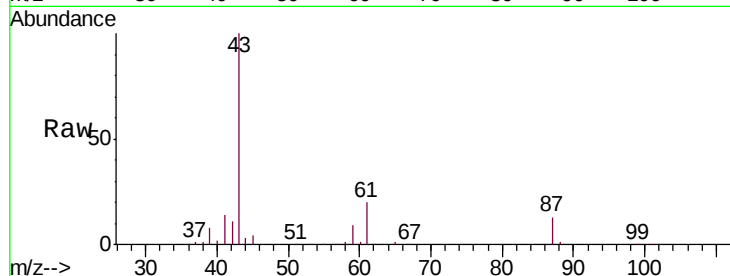
Tgt Ion: 43 Resp: 217746

Ion Ratio Lower Upper

43 100

61 19.9 16.8 25.2

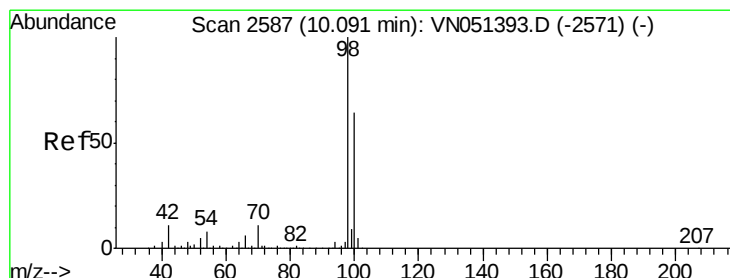
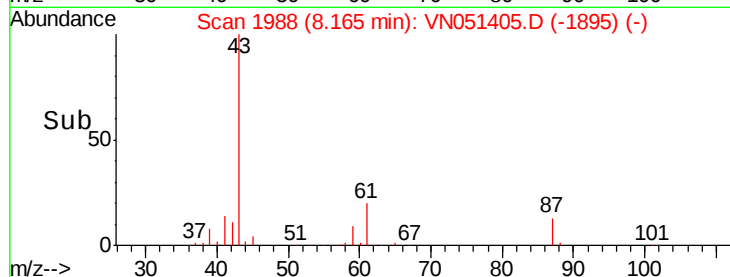
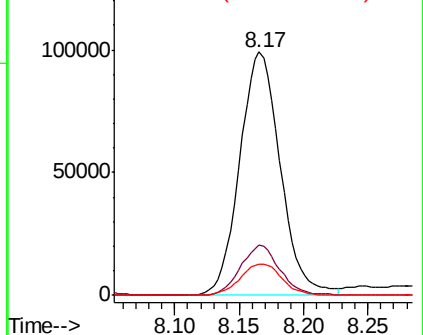
87 13.2 10.7 16.1



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: 46.723 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051405.D

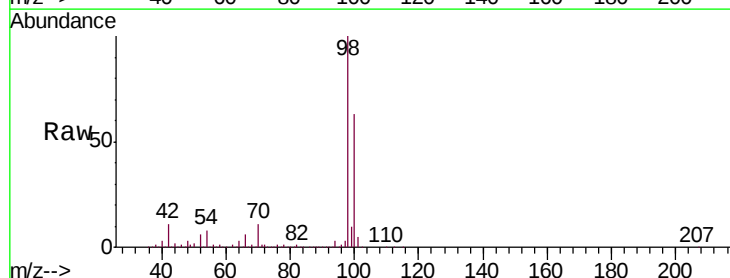
Acq: 23 Sep 2018 11:55

Tgt Ion: 98 Resp: 1445235

Ion Ratio Lower Upper

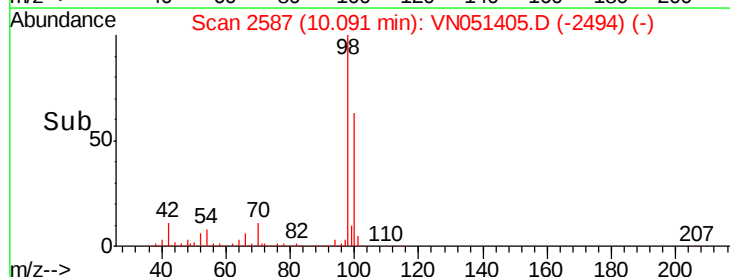
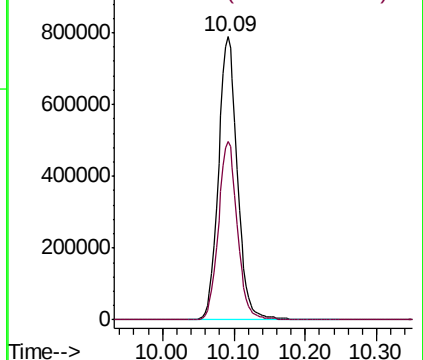
98 100

100 63.1 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: 39.900 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051405.D

Acq: 23 Sep 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

PL-02-0920-18-A

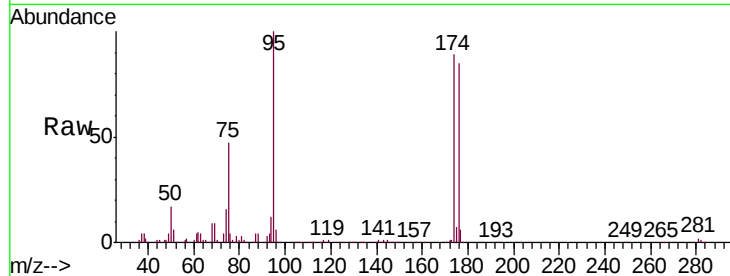
Tgt Ion: 95 Resp: 399249

Ion Ratio Lower Upper

95 100

174 89.7 0.0 181.6

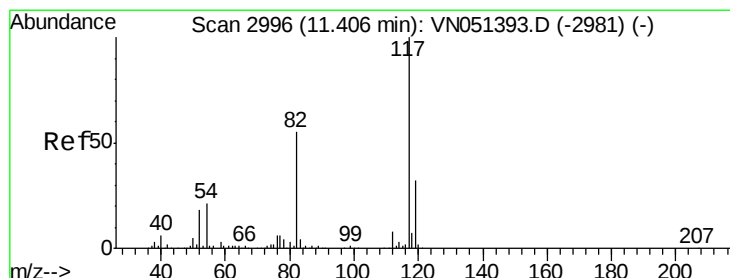
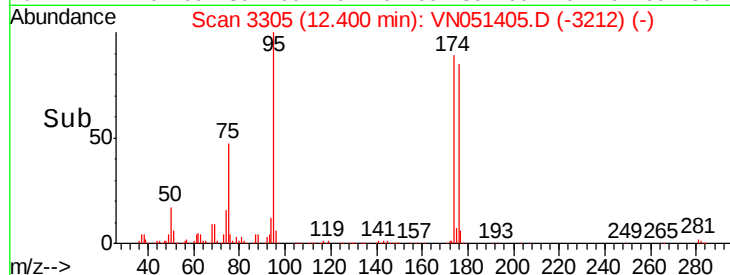
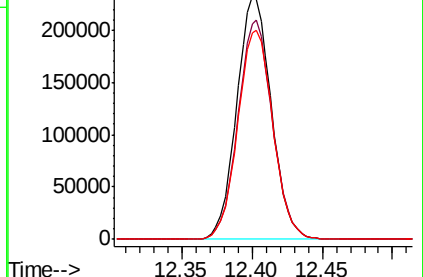
176 87.5 0.0 176.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051405.D

Acq: 23 Sep 2018 11:55

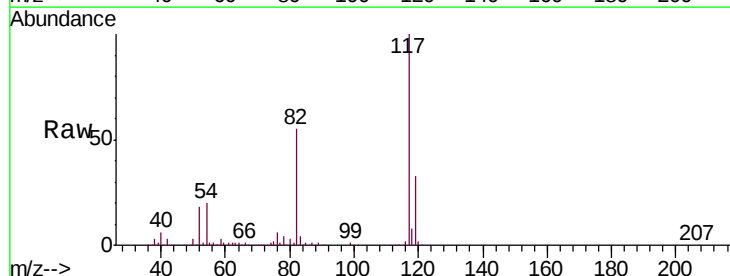
Tgt Ion: 117 Resp: 869746

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

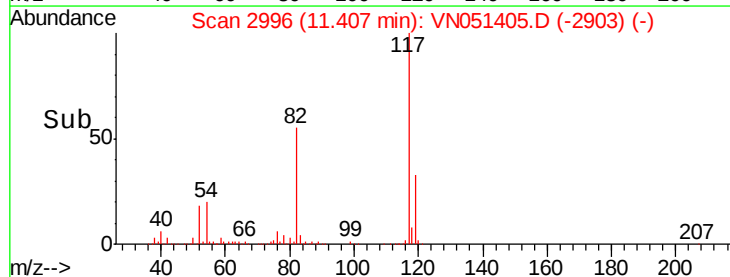
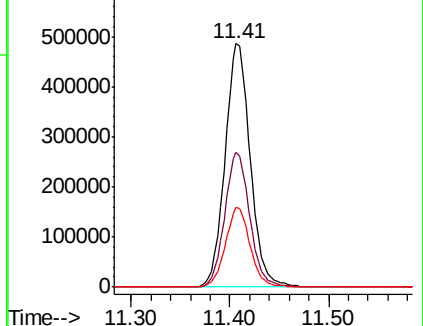
119 32.6 25.9 38.9

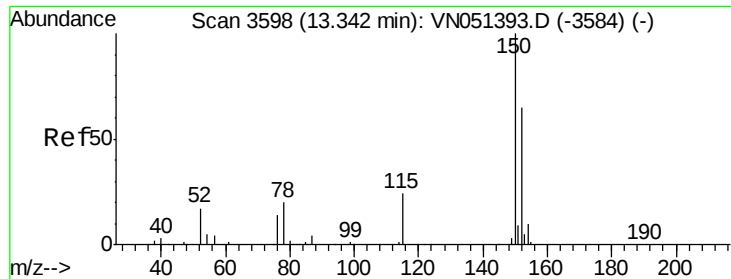


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051405.D

Acq: 23 Sep 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

PL-02-0920-18-A

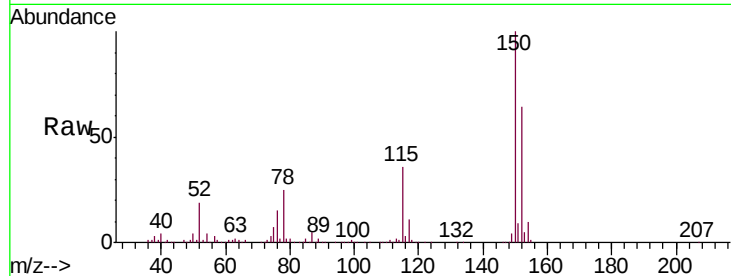
Tgt Ion:152 Resp: 323780

Ion Ratio Lower Upper

152 100

115 55.9 28.3 84.9

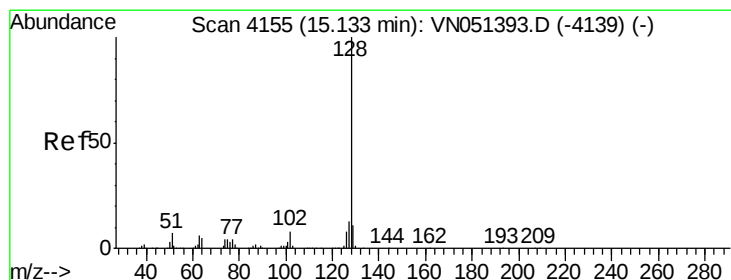
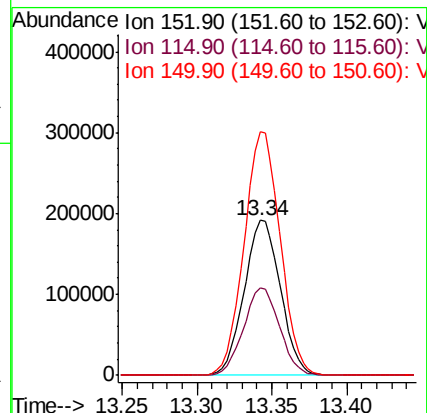
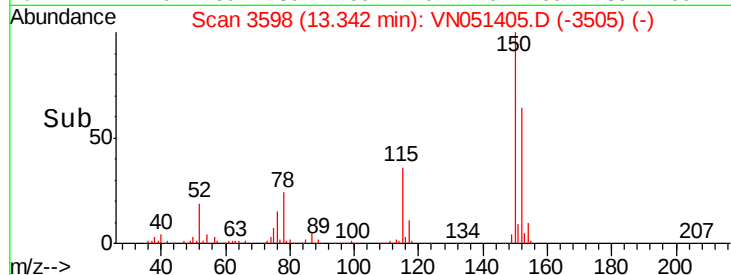
150 156.3 0.0 353.6



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: 8.759 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051405.D

Acq: 23 Sep 2018 11:55

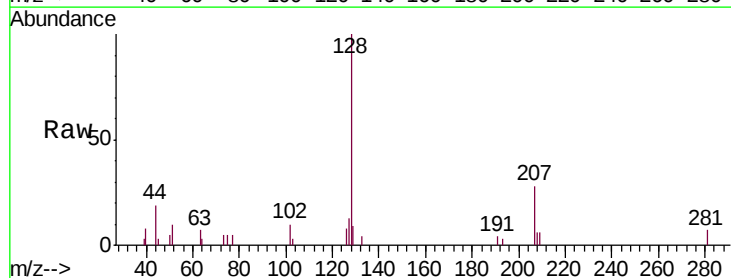
Tgt Ion:128 Resp: 10248

Ion Ratio Lower Upper

128 100

127 8.5 10.5 15.7#

129 8.7 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

