

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051413.D
 Acq On : 23 Sep 2018 15:12
 Operator : MD\SY
 Sample : J4777-28
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-04-092018-B

Quant Time: Sep 24 07:33:45 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

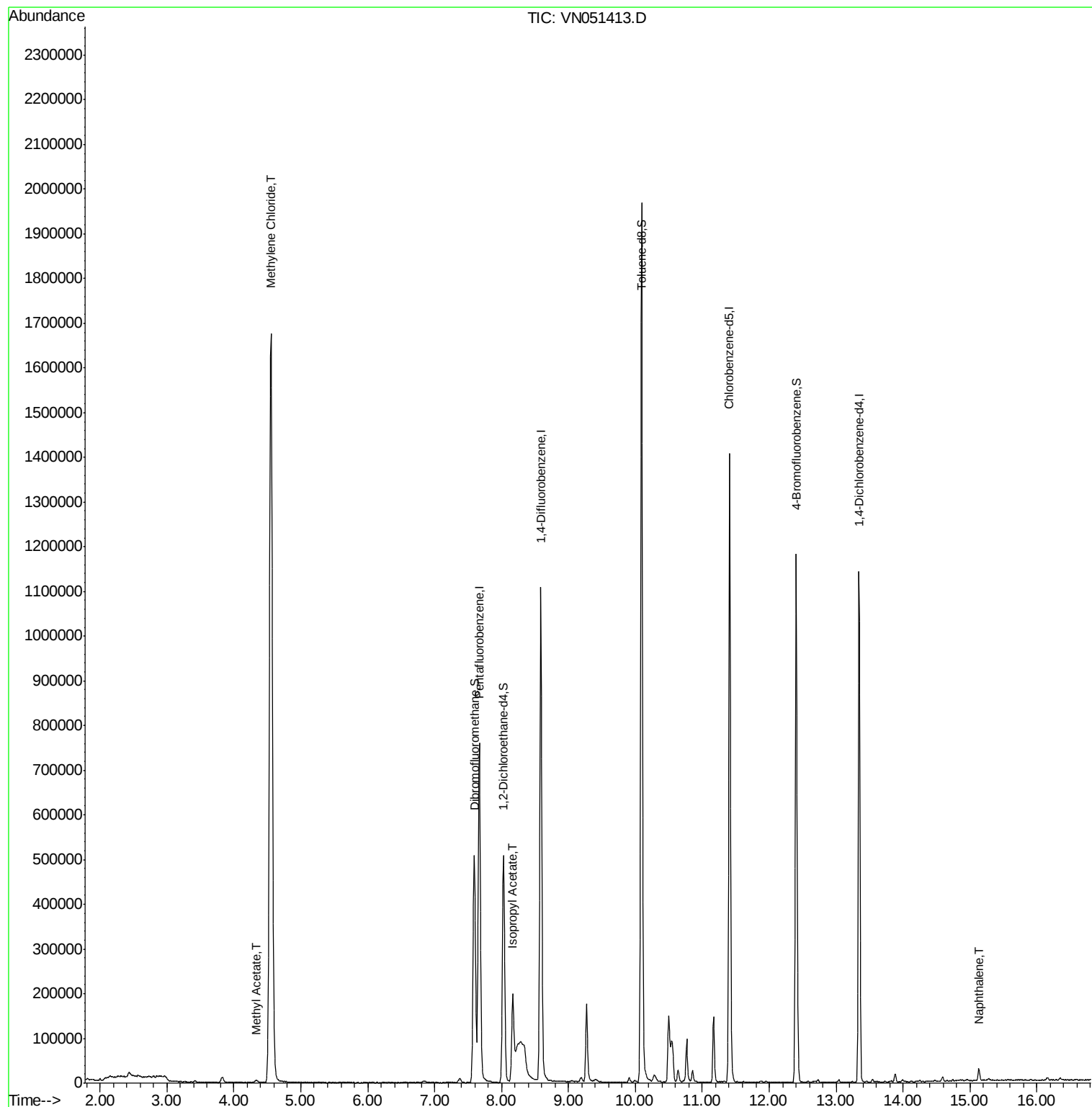
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	666517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1022311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	853724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	328853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	445419	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	7.59	113	386566	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	10.09	98	1413095	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
62) 4-Bromofluorobenzene	12.40	95	390964	39.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.52%	
Target Compounds						
18) Methyl Acetate	4.34	43	11411	1.795	ug/l	98
20) Methylene Chloride	4.55	84	1276686	154.524	ug/l	100
43) Isopropyl Acetate	8.17	43	263999	21.449	ug/l	93
95) Naphthalene	15.13	128	23224	9.638	ug/l	98

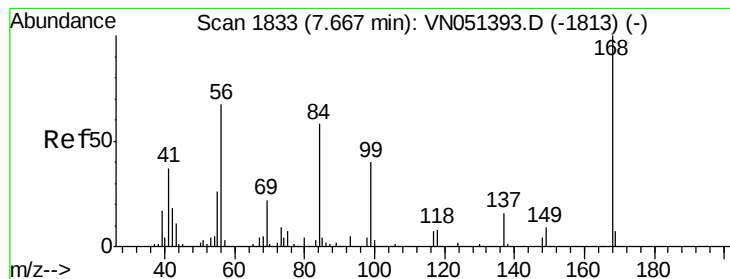
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN051413.D

Acq: 23 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

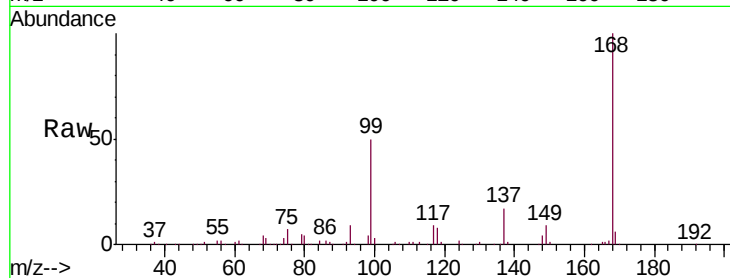
PL-04-092018-B

Tgt Ion:168 Resp: 666517

Ion Ratio Lower Upper

168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051413.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051413.D (-1813) (-)

7.67

300000

250000

200000

150000

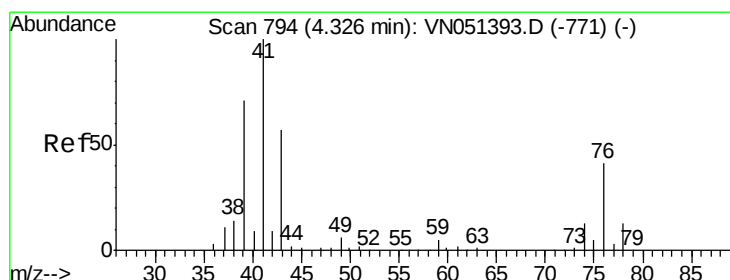
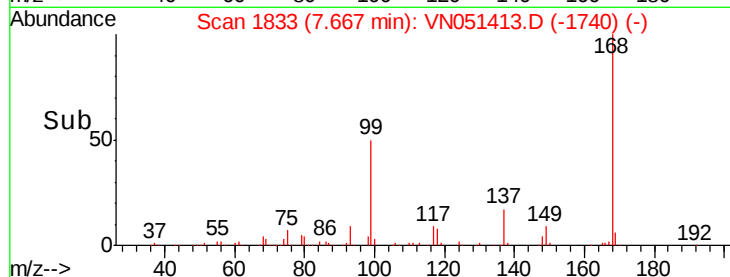
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#18

Methyl Acetate

Concen: 1.795 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051413.D

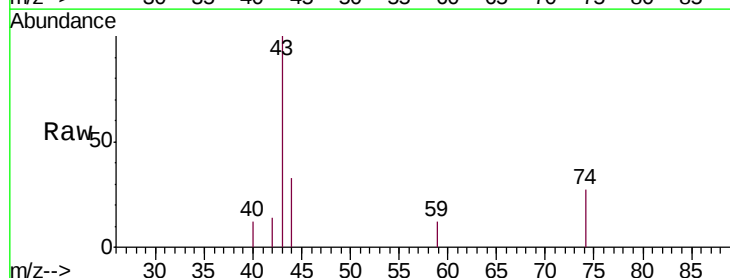
Acq: 23 Sep 2018 15:12

Tgt Ion: 43 Resp: 11411

Ion Ratio Lower Upper

43 100

74 22.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN051413.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN051413.D (-771) (-)

4.34

4000

3000

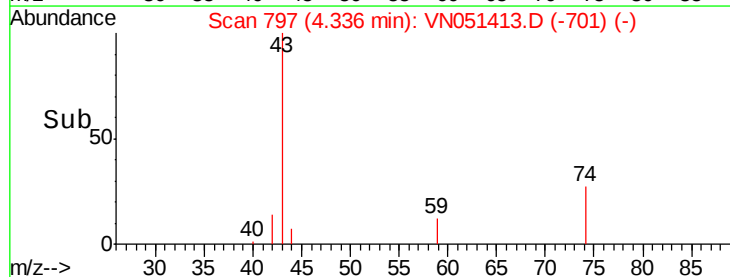
2000

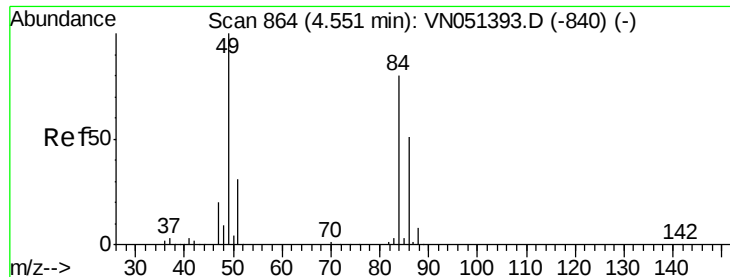
1000

0

4.25 4.30 4.35 4.40

Time-->



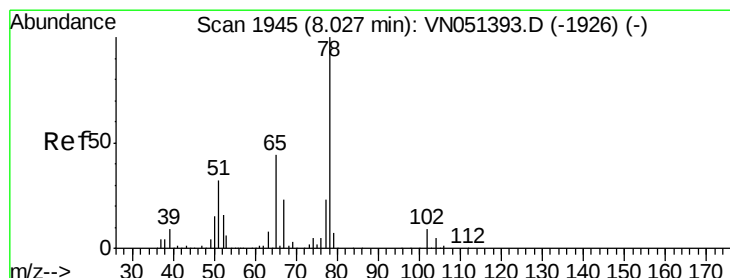
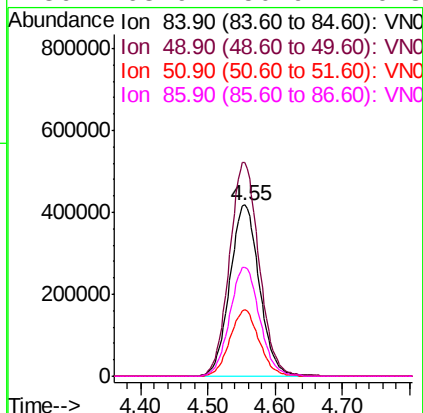
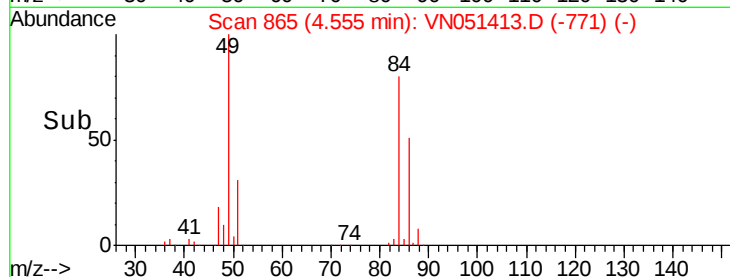
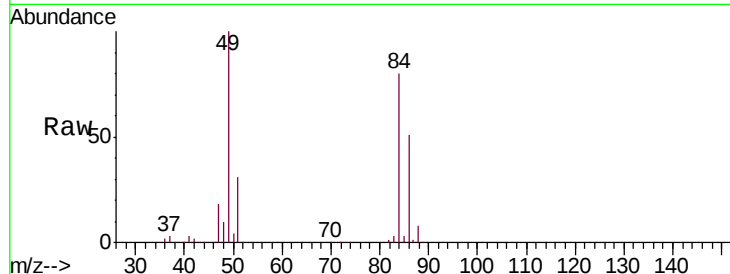


#20
Methylene Chloride
Concen: 154.524 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051413.D
Acq: 23 Sep 2018 15:12

Instrument :
MSVOA_N
ClientSampleId :
PL-04-092018-B

Tgt Ion: 84 Resp: 1276686

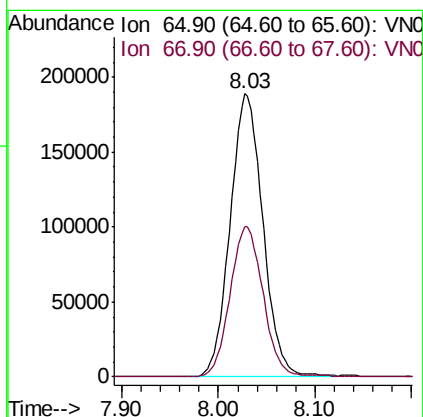
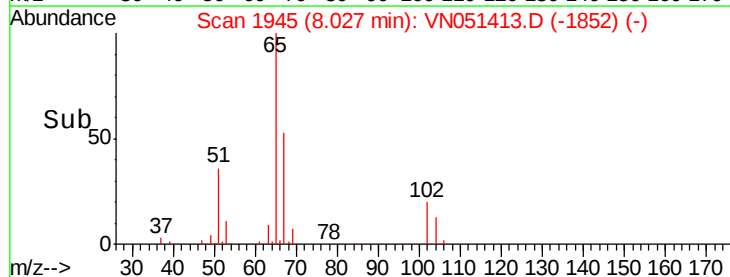
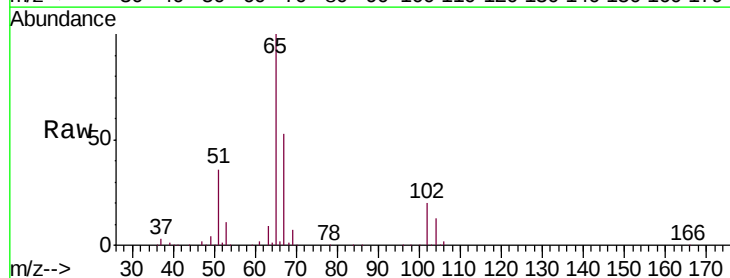
Ion	Ratio	Lower	Upper
84	100		
49	124.7	99.9	149.9
51	38.7	31.4	47.2
86	63.9	50.9	76.3

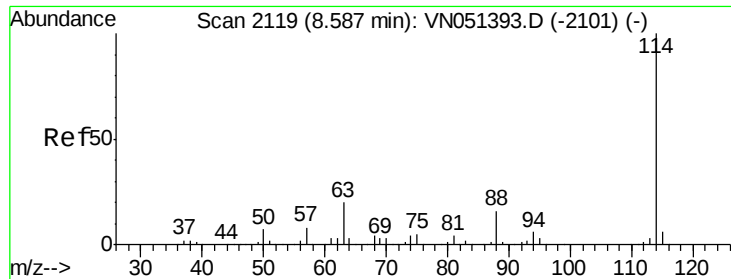


#33
1,2-Dichloroethane-d4
Concen: 53.348 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051413.D
Acq: 23 Sep 2018 15:12

Tgt Ion: 65 Resp: 445419

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.8

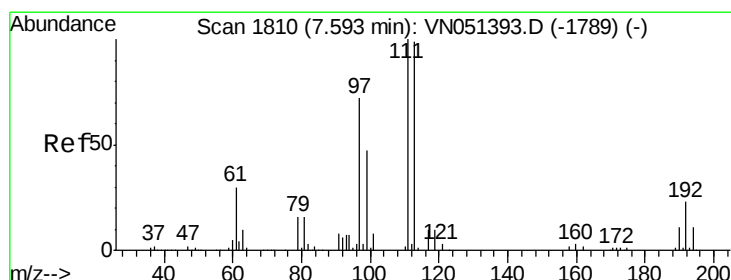
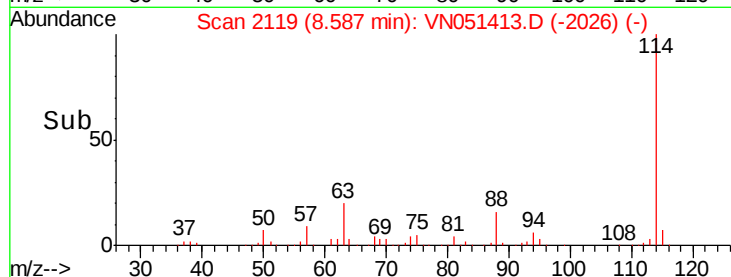
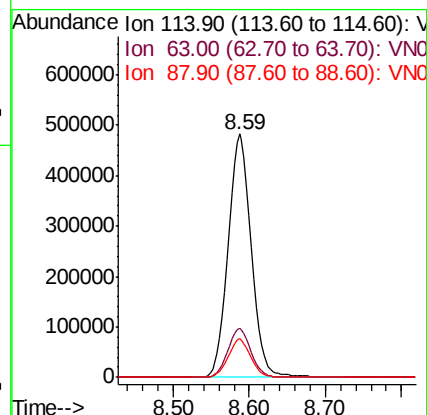
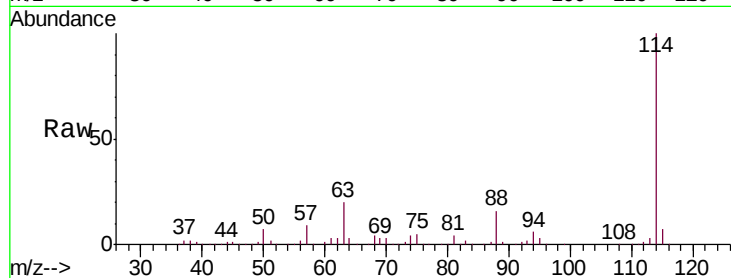




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051413.D
 Acq: 23 Sep 2018 15:12

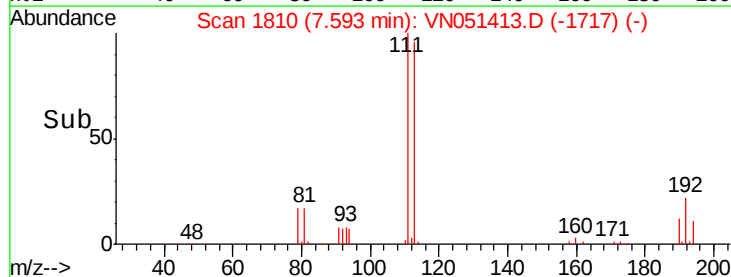
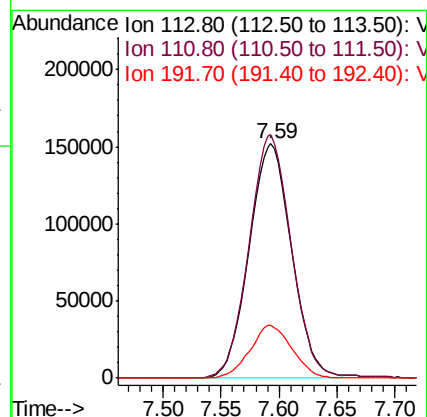
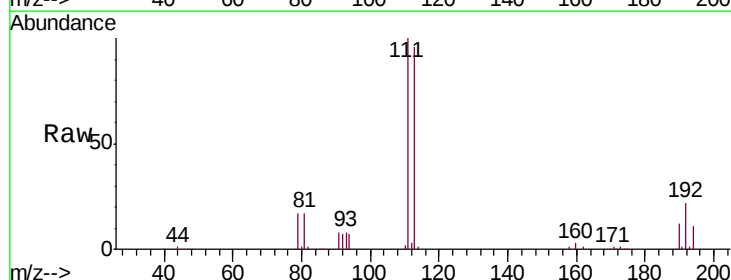
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-04-092018-B

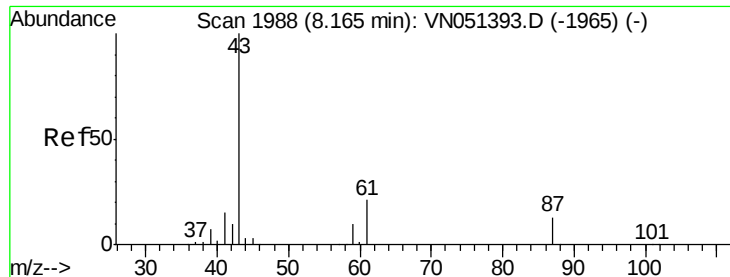
Tgt Ion:114 Resp: 1022311
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 15.8 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 47.287 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051413.D
 Acq: 23 Sep 2018 15:12

Tgt Ion:113 Resp: 386566
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.6 123.8
 192 22.6 18.0 27.0





#43

Isopropyl Acetate

Concen: 21.449 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051413.D

Acq: 23 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

PL-04-092018-B

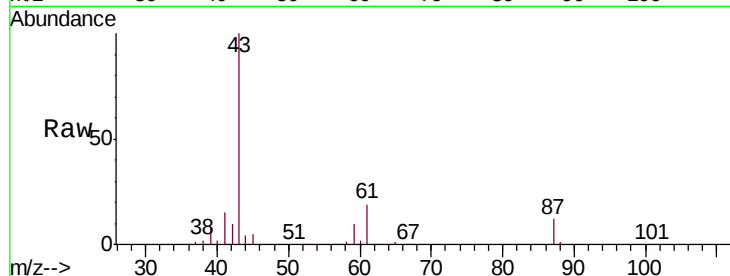
Tgt Ion: 43 Resp: 263999

Ion Ratio Lower Upper

43 100

61 17.6 16.8 25.2

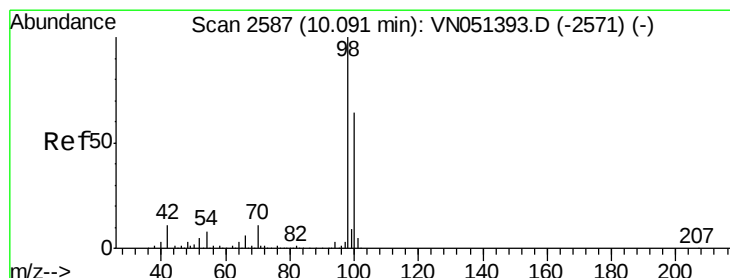
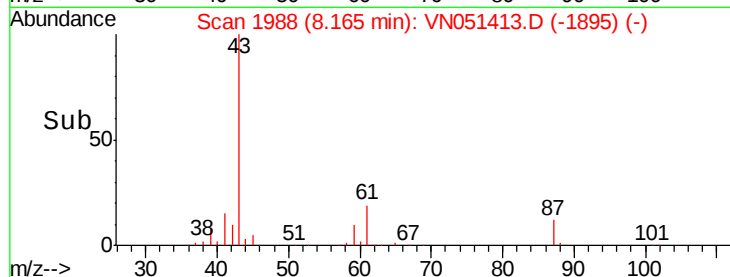
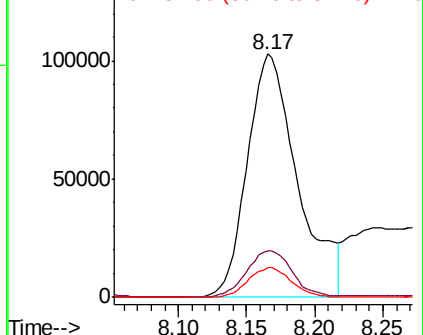
87 10.8 10.7 16.1



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: 45.904 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051413.D

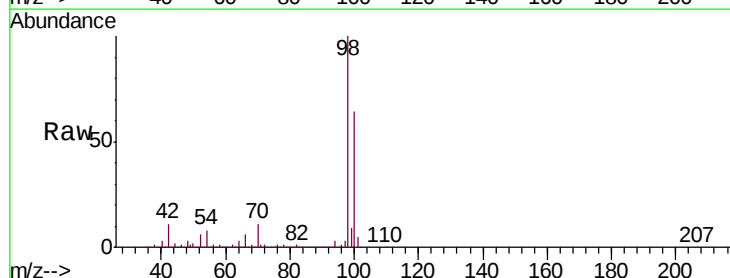
Acq: 23 Sep 2018 15:12

Tgt Ion: 98 Resp: 1413095

Ion Ratio Lower Upper

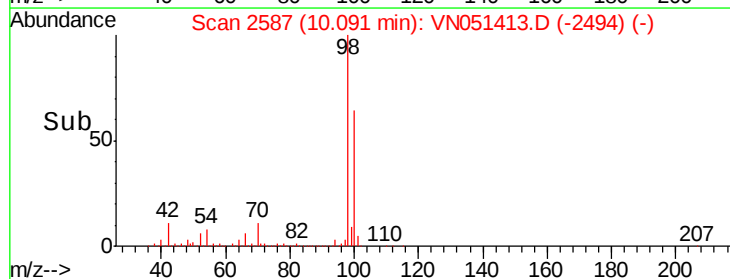
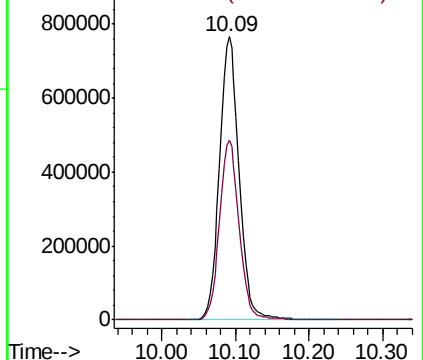
98 100

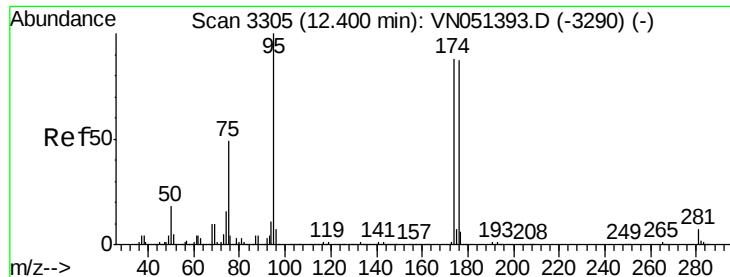
100 63.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.259 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051413.D

Acq: 23 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

PL-04-092018-B

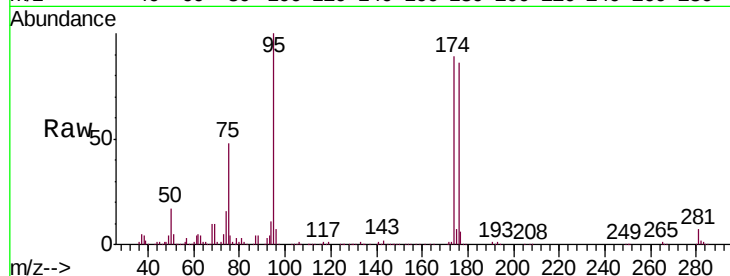
Tgt Ion: 95 Resp: 390964

Ion Ratio Lower Upper

95 100

174 90.6 0.0 181.6

176 87.3 0.0 176.4



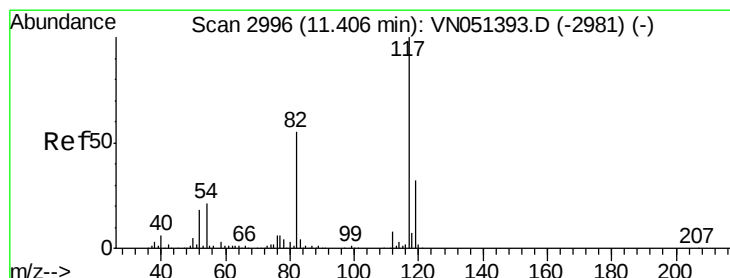
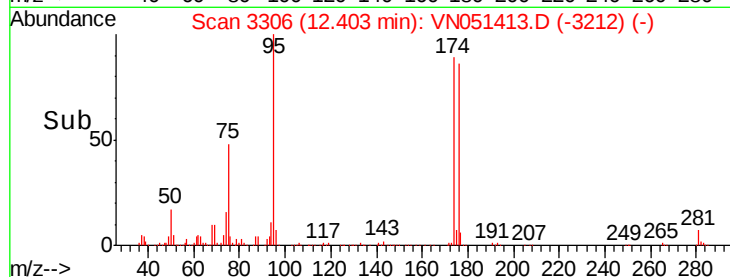
Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

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# 2996

Delta R.T. 0.00 min

Lab File: VN051413.D

Acq: 23 Sep 2018 15:12

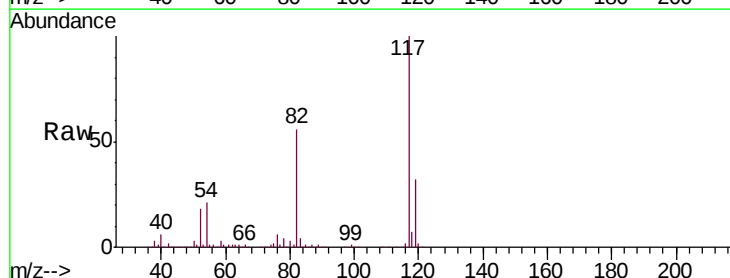
Tgt Ion: 117 Resp: 853724

Ion Ratio Lower Upper

117 100

82 55.5 44.2 66.2

119 31.8 25.9 38.9



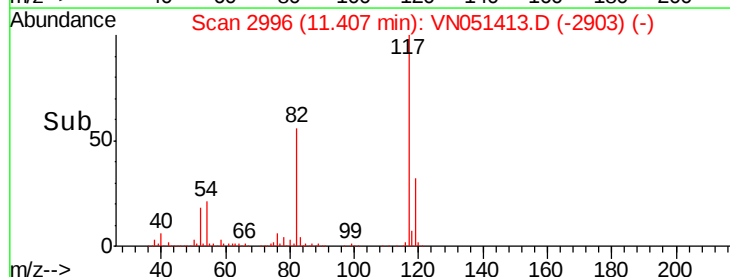
Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

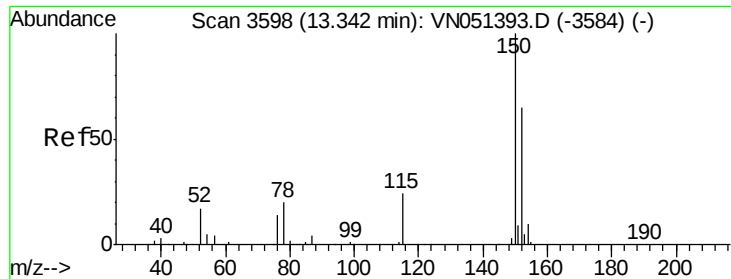
Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051413.D

Acq: 23 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

PL-04-092018-B

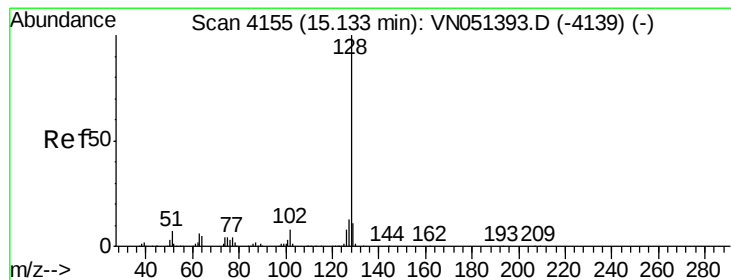
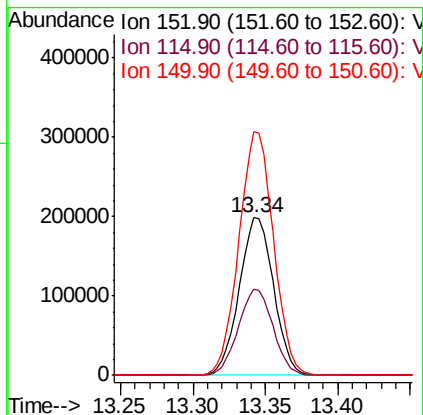
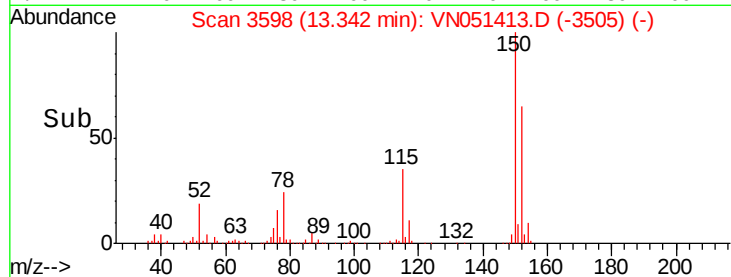
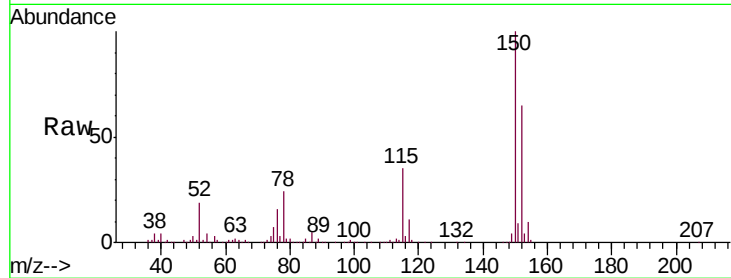
Tgt Ion:152 Resp: 328853

Ion Ratio Lower Upper

152 100

115 55.1 28.3 84.9

150 155.1 0.0 353.6



#95

Naphthalene

Concen: 9.638 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051413.D

Acq: 23 Sep 2018 15:12

Tgt Ion:128 Resp: 23224

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.5 8.6 12.8

