

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051409.D
 Acq On : 23 Sep 2018 13:34
 Operator : MD\SY
 Sample : J4777-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-092018-A

Quant Time: Sep 24 07:16:36 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

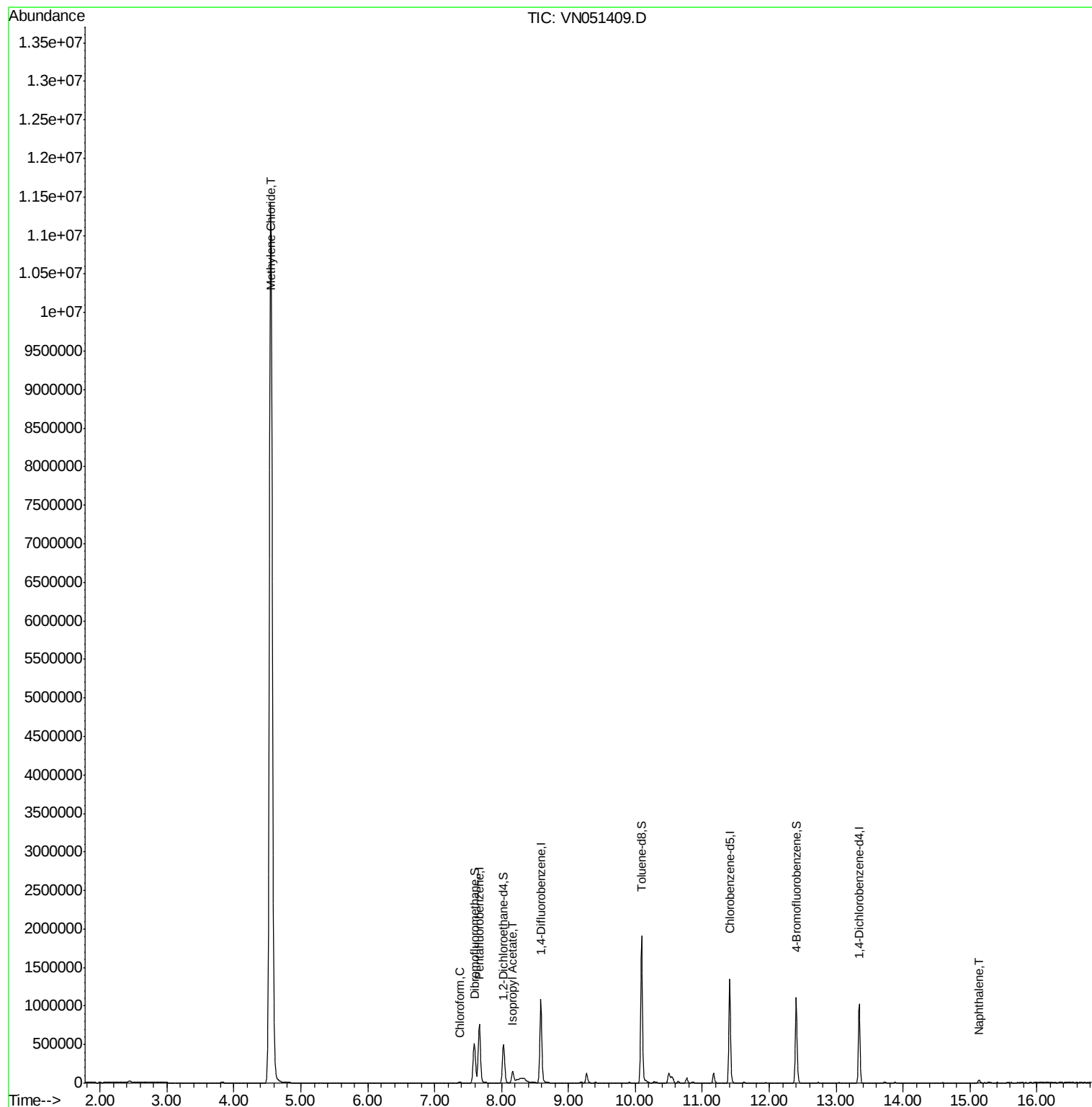
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	660810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	997467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	829288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	289843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	435718	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
35) Dibromofluoromethane	7.59	113	387412	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	10.09	98	1386125	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
62) 4-Bromofluorobenzene	12.40	95	371850	38.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.54%	
Target Compounds						
20) Methylene Chloride	4.55	84	8667165	1058.095	ug/l	99
30) Chloroform	7.37	83	14227	1.009	ug/l	100
43) Isopropyl Acetate	8.17	43	195303	16.263	ug/l	97
95) Naphthalene	15.13	128	31153	10.470	ug/l	99

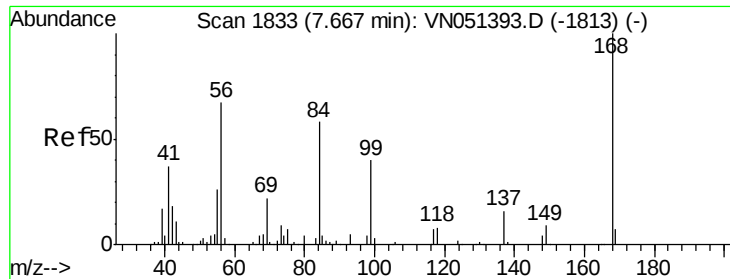
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN051409.D

Acq: 23 Sep 2018 13:34

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MSVOA_N

ClientSampleId :

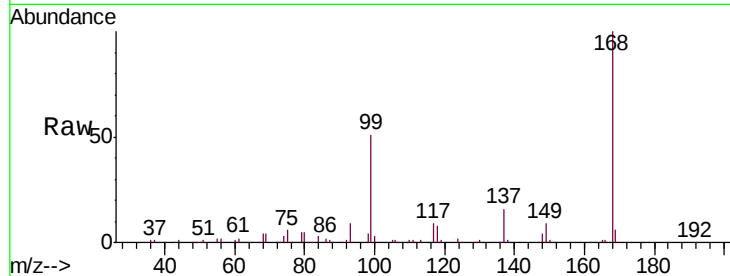
PL-03-092018-A

Tgt Ion:168 Resp: 660810

Ion Ratio Lower Upper

168 100

99 50.7 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

250000

200000

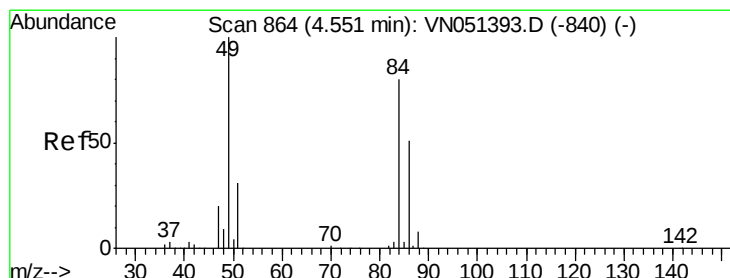
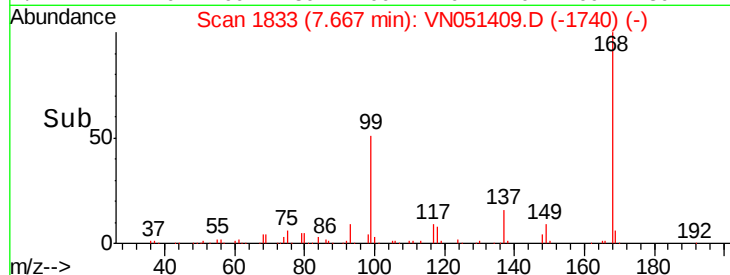
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1058.095 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051409.D

Acq: 23 Sep 2018 13:34

Tgt Ion: 84 Resp: 8667165

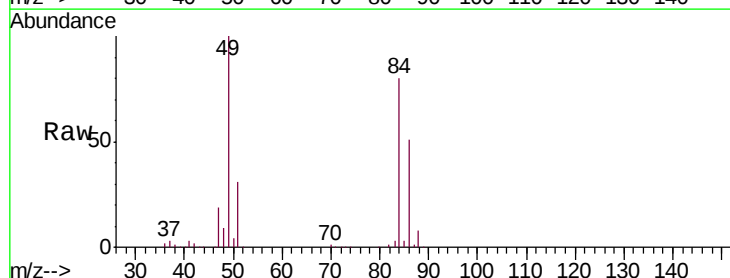
Ion Ratio Lower Upper

84 100

49 125.7 99.9 149.9

51 38.8 31.4 47.2

86 64.4 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

5000000

4000000

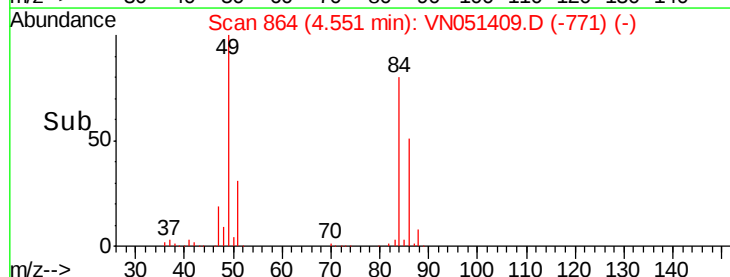
3000000

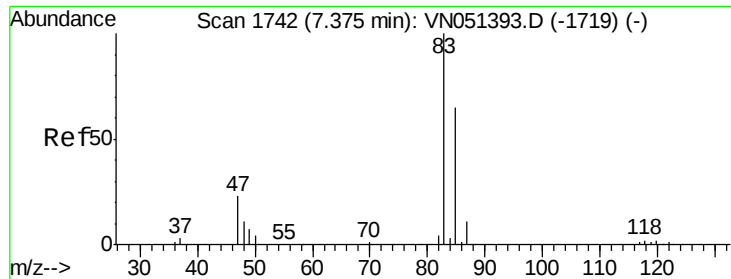
2000000

1000000

0

Time--> 4.40 4.50 4.60 4.70

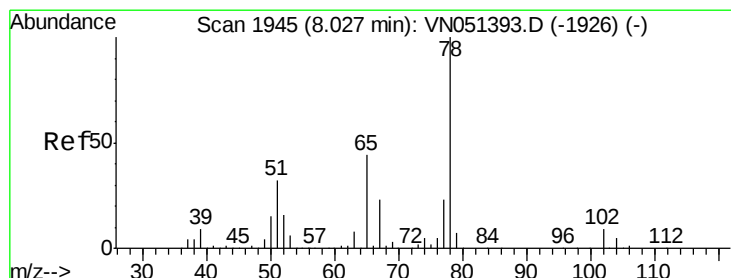
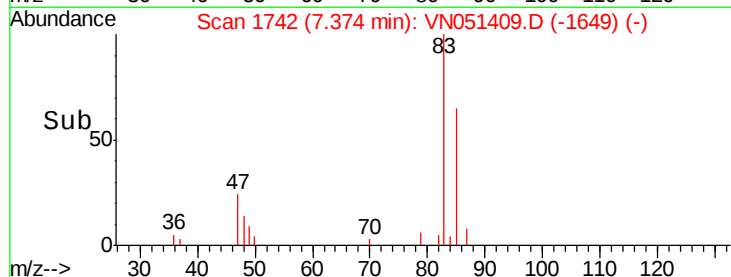
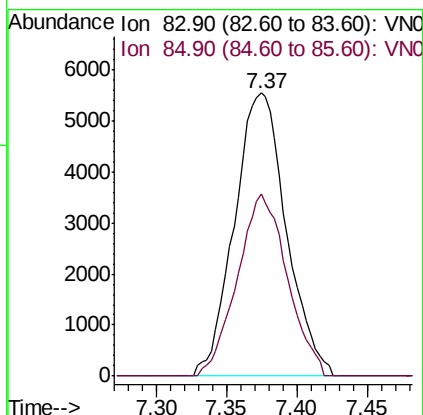
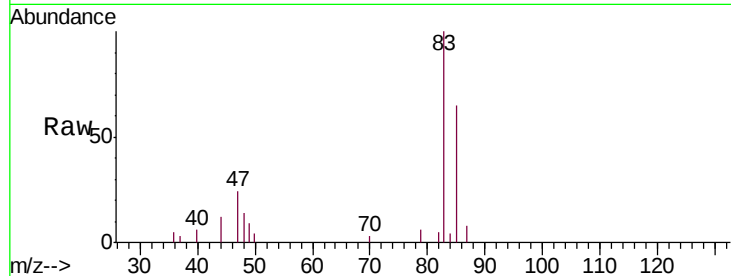




#30
 Chloroform
 Concen: 1.009 ug/l
 RT: 7.37 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VN051409.D
 Acq: 23 Sep 2018 13:34

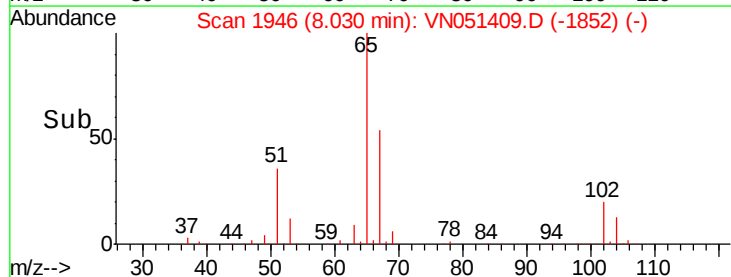
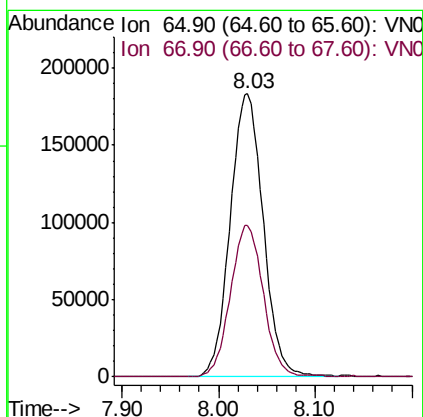
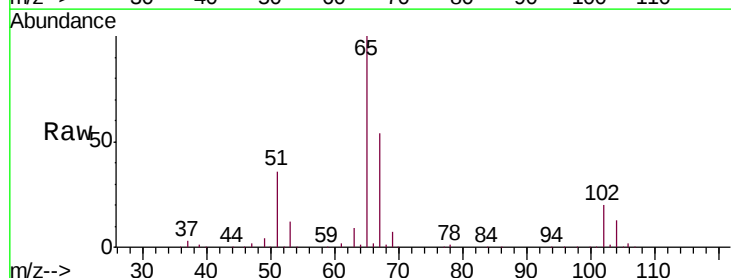
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-092018-A

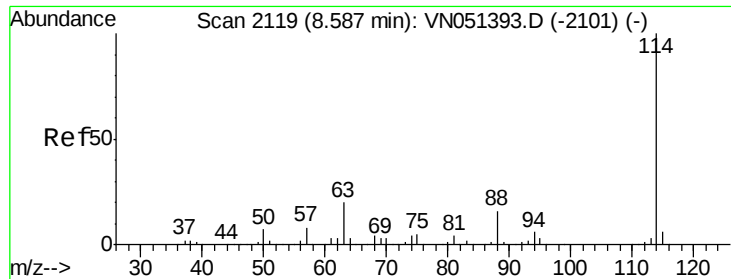
Tgt Ion: 83 Resp: 14227
 Ion Ratio Lower Upper
 83 100
 85 64.5 51.8 77.6



#33
 1,2-Dichloroethane-d4
 Concen: 52.637 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051409.D
 Acq: 23 Sep 2018 13:34

Tgt Ion: 65 Resp: 435718
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.8

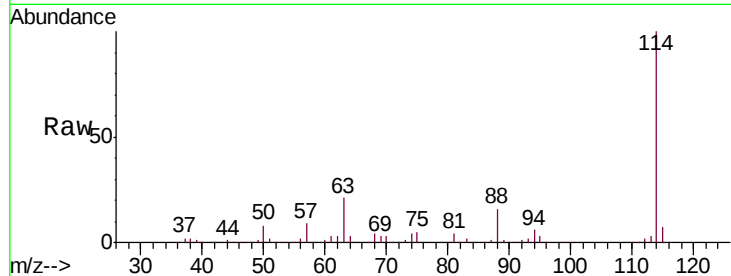




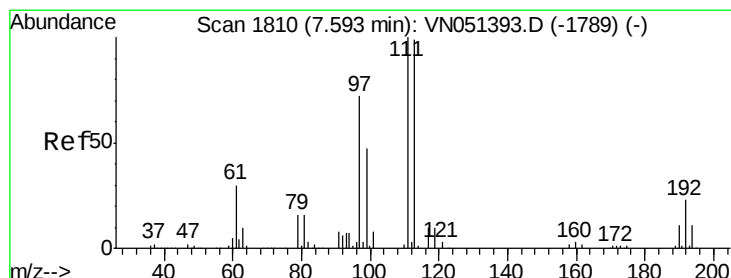
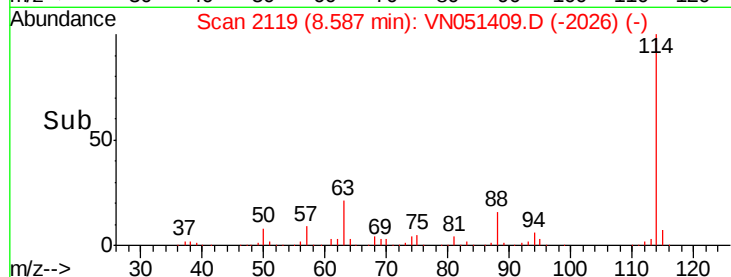
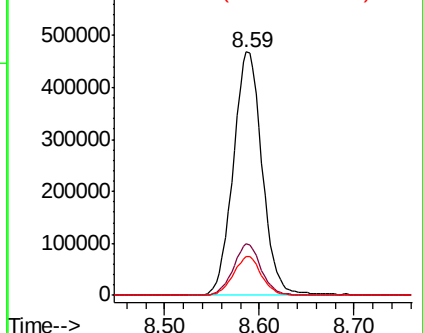
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051409.D
 Acq: 23 Sep 2018 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-092018-A

Tgt Ion:114 Resp: 997467
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.2
 88 16.2 0.0 31.4

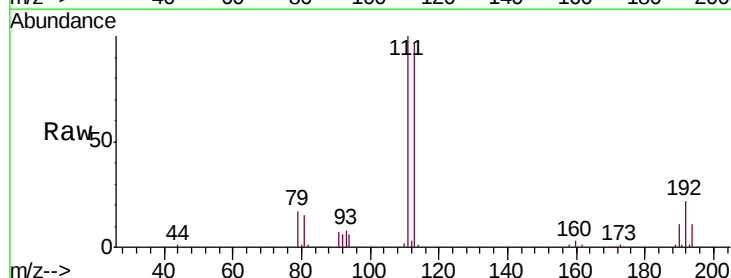


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

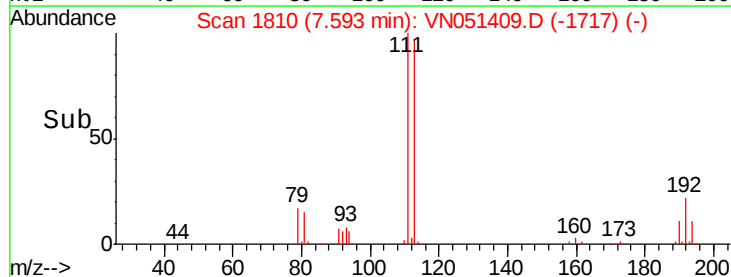
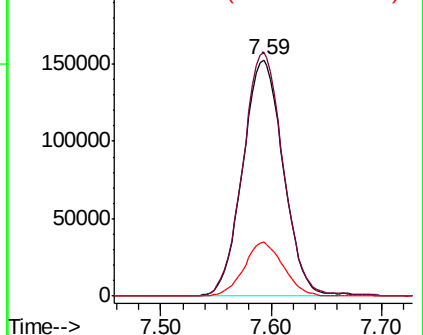


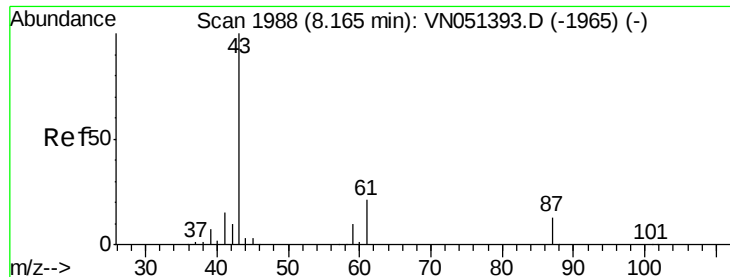
#35
 Dibromofluoromethane
 Concen: 48.570 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051409.D
 Acq: 23 Sep 2018 13:34

Tgt Ion:113 Resp: 387412
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 123.8
 192 22.4 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: 16.263 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051409.D

Acq: 23 Sep 2018 13:34

Instrument :

MSVOA_N

ClientSampleId :

PL-03-092018-A

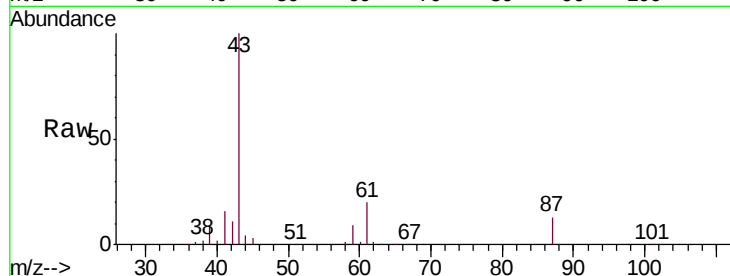
Tgt Ion: 43 Resp: 195303

Ion Ratio Lower Upper

43 100

61 19.3 16.8 25.2

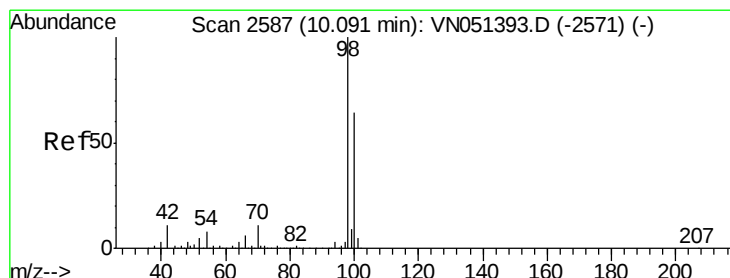
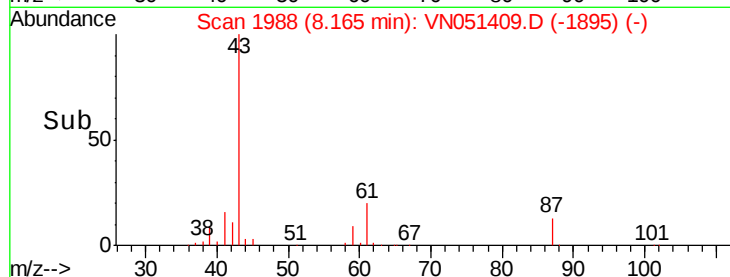
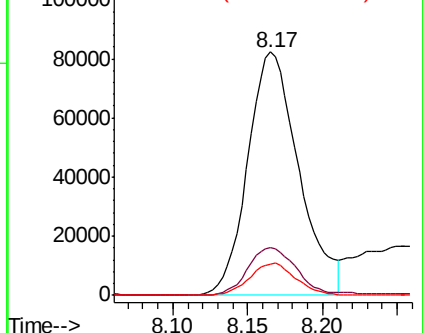
87 12.1 10.7 16.1



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) (-)



#50

Toluene-d8

Concen: 46.149 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051409.D

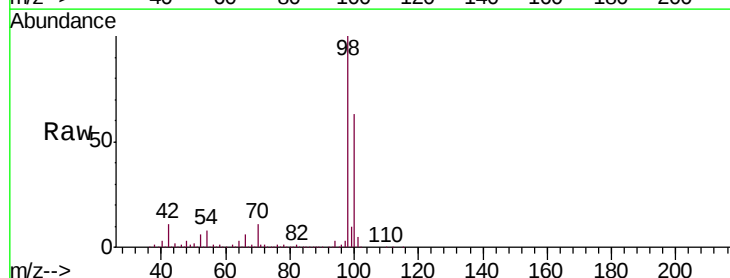
Acq: 23 Sep 2018 13:34

Tgt Ion: 98 Resp: 1386125

Ion Ratio Lower Upper

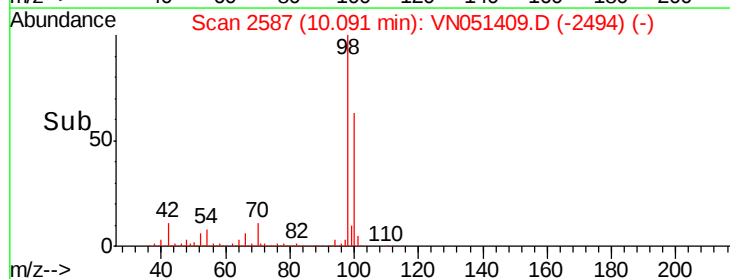
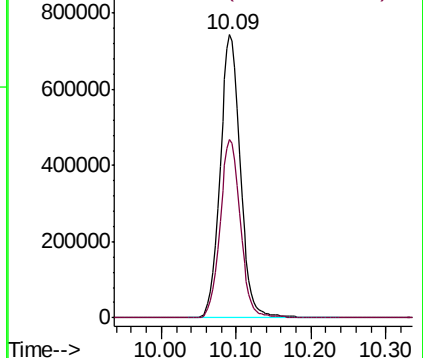
98 100

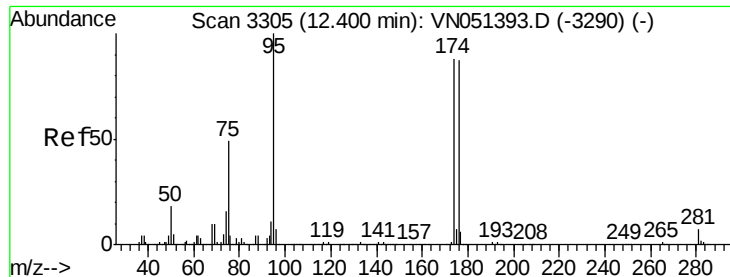
100 63.4 50.6 75.8



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

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

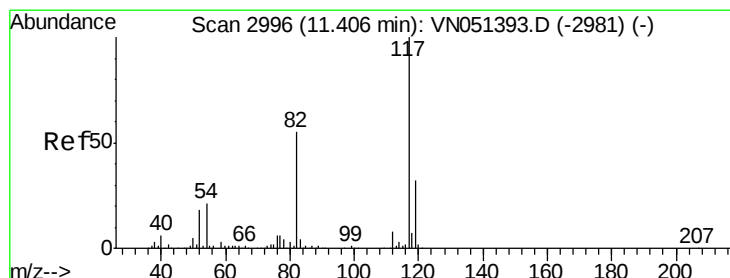
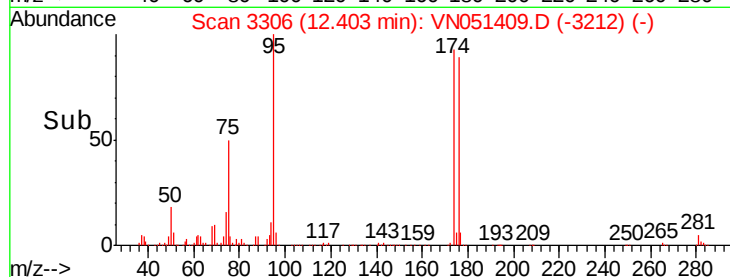
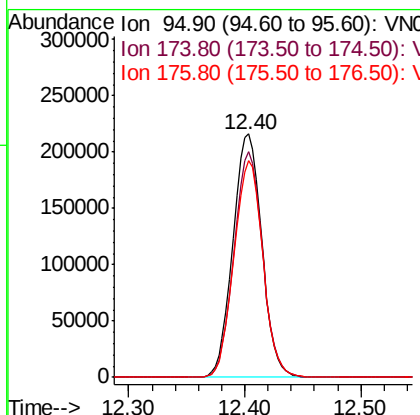
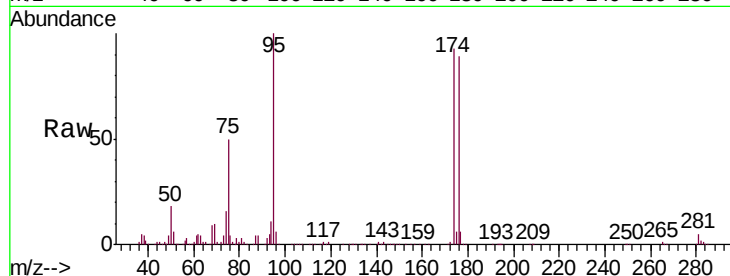




#62
4-Bromofluorobenzene
Concen: 38.270 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051409.D
Acq: 23 Sep 2018 13:34

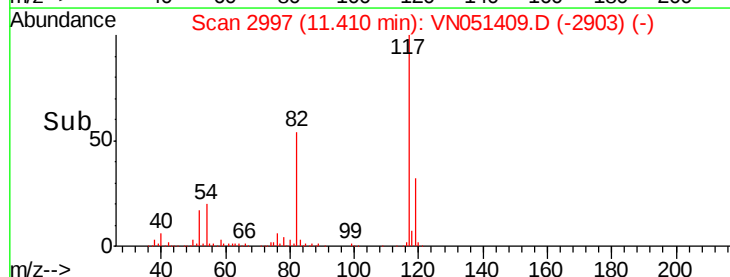
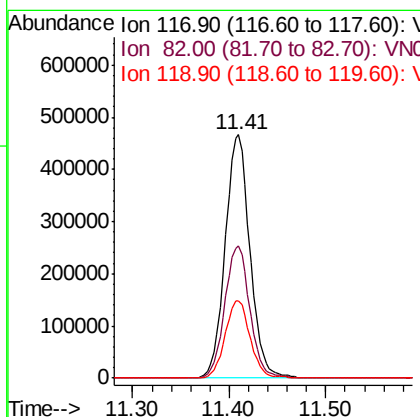
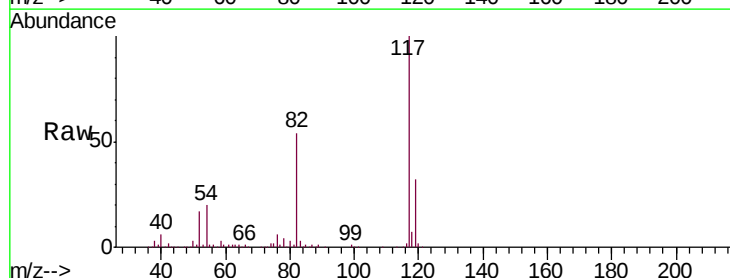
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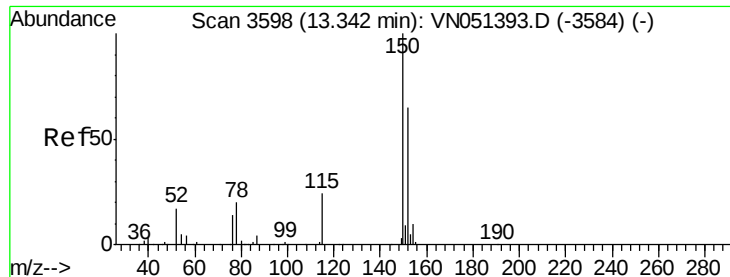
Tgt Ion: 95 Resp: 371850
Ion Ratio Lower Upper
95 100
174 91.5 0.0 181.6
176 88.9 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051409.D
Acq: 23 Sep 2018 13:34

Tgt Ion: 117 Resp: 829288
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051409.D

Acq: 23 Sep 2018 13:34

Instrument :

MSVOA_N

ClientSampleId :

PL-03-092018-A

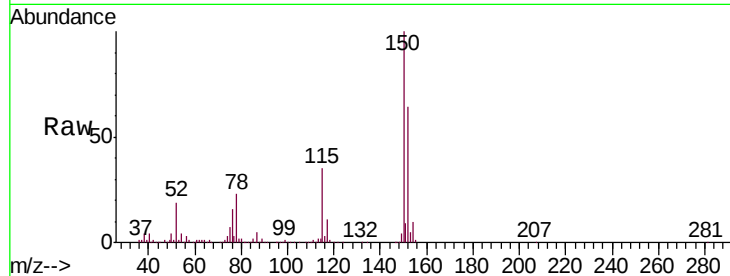
Tgt Ion:152 Resp: 289843

Ion Ratio Lower Upper

152 100

115 56.5 28.3 84.9

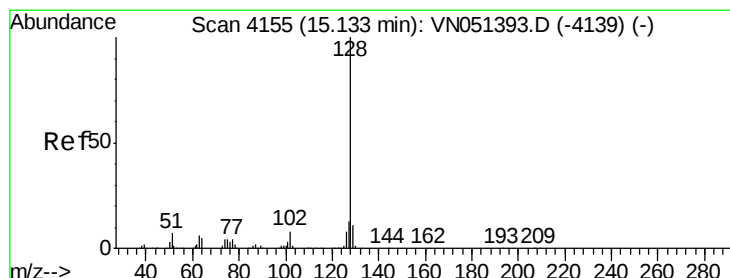
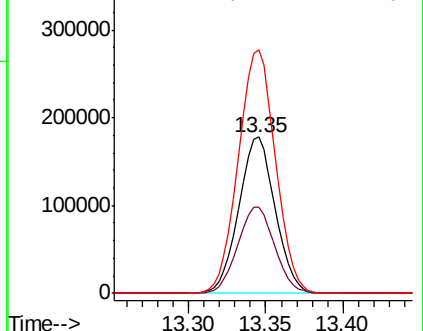
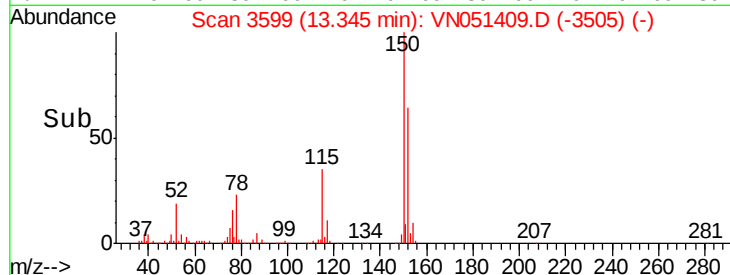
150 159.8 0.0 353.6



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: 10.470 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051409.D

Acq: 23 Sep 2018 13:34

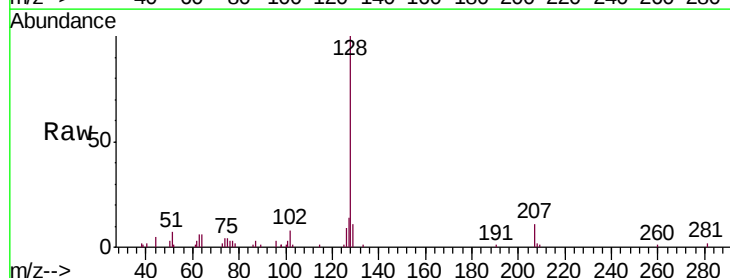
Tgt Ion:128 Resp: 31153

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.3 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

