

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051581.D
 Acq On : 27 Sep 2018 13:52
 Operator : MD\SY
 Sample : J4773-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-A

Quant Time: Sep 27 14:41:48 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

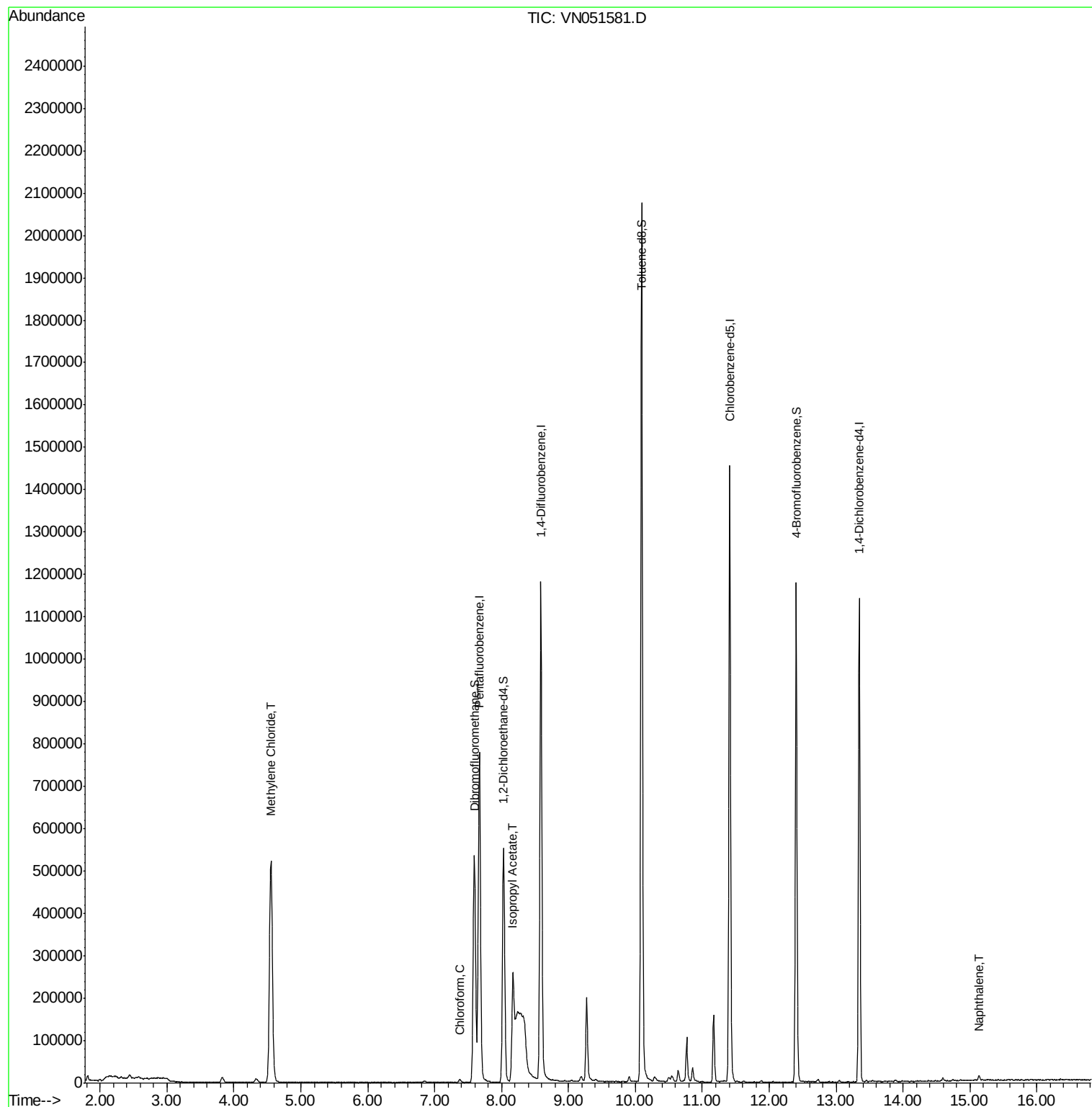
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	660446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1070853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	883919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	468602	56.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.28%	
35) Dibromofluoromethane	7.59	113	410373	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	10.09	98	1479599	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
62) 4-Bromofluorobenzene	12.40	95	397092	38.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.14%	
Target Compounds						
20) Methylene Chloride	4.55	84	387243	47.301	ug/l	98
30) Chloroform	7.37	83	7486	0.531	ug/l	96
43) Isopropyl Acetate	8.17	43	349359	27.097	ug/l #	88
95) Naphthalene	15.13	128	10584	8.796	ug/l	98

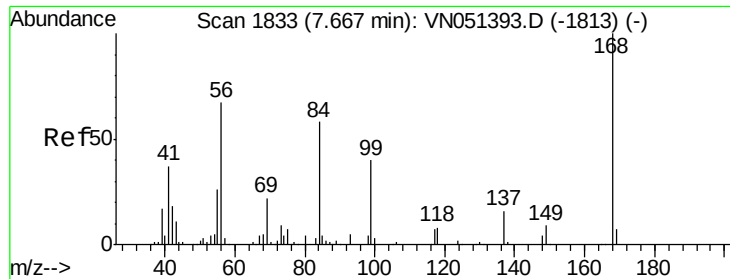
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051581.D

Acq: 27 Sep 2018 13:52

Instrument :

MSVOA_N

ClientSampleId :

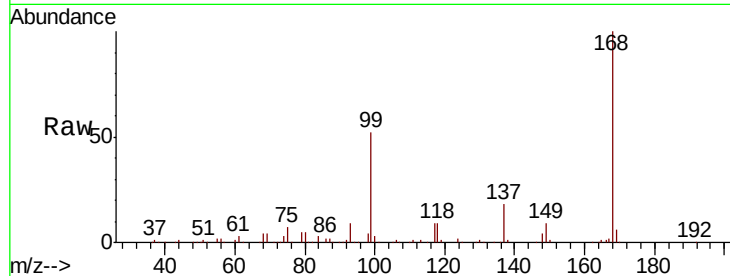
CL-02-092518-A

Tot Ion:168 Resp: 660446

Ion Ratio Lower Upper

168 100

99 51.8 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

250000

200000

150000

100000

50000

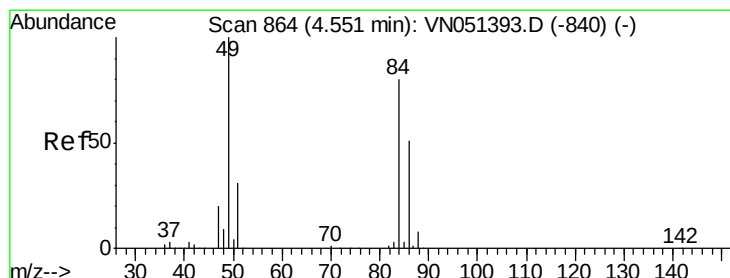
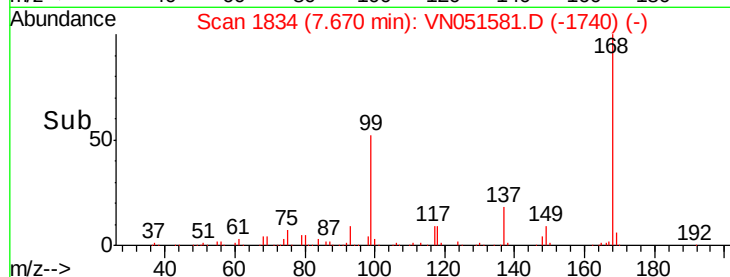
0

Time-->

7.60

7.70

7.80



#20

Methylene Chloride

Concen: 47.301 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051581.D

Acq: 27 Sep 2018 13:52

Tgt Ion: 84 Resp: 387243

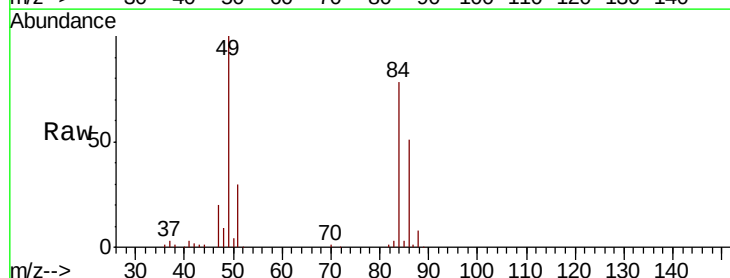
Ion Ratio Lower Upper

84 100

49 127.3 99.9 149.9

51 38.2 31.4 47.2

86 64.8 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

250000

200000

150000

100000

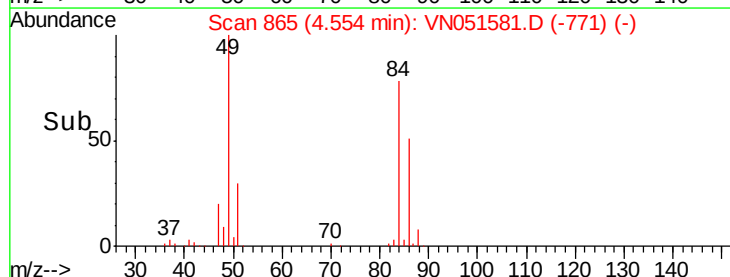
50000

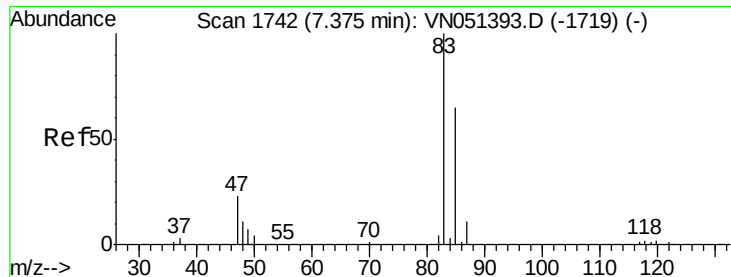
0

Time-->

4.50

4.60

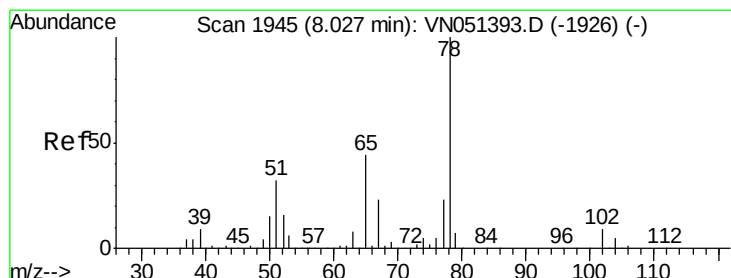
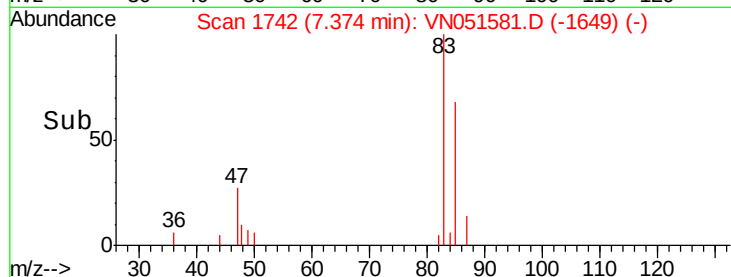
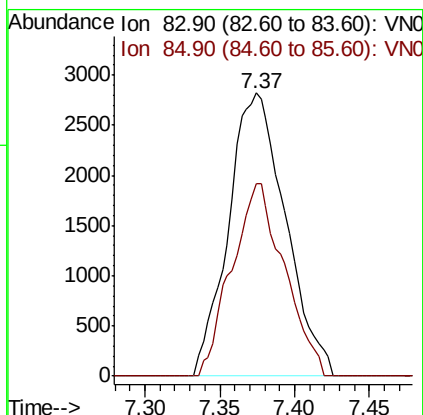
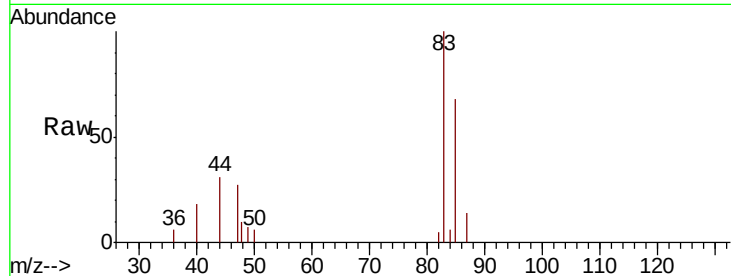




#30
 Chloroform
 Concen: 0.531 ug/l
 RT: 7.37 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VN051581.D
 Acq: 27 Sep 2018 13:52

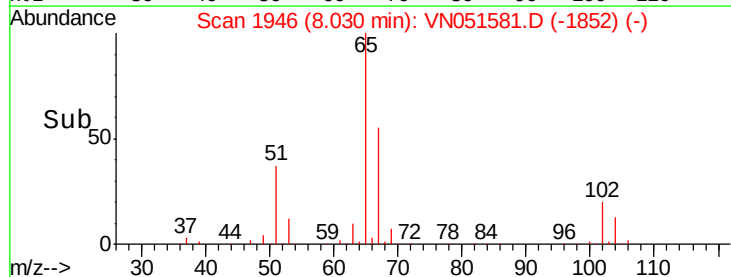
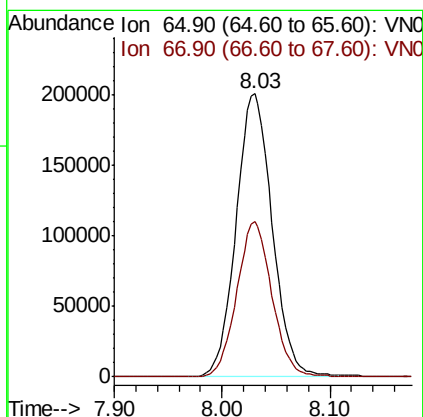
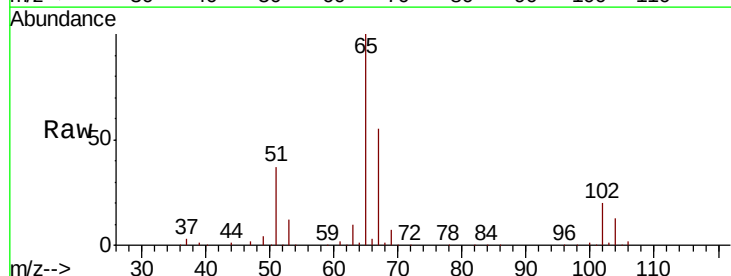
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-A

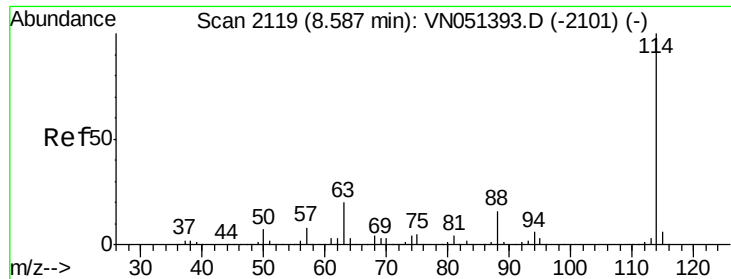
Tot Ion: 83 Resp: 7486
 Ion Ratio Lower Upper
 83 100
 85 68.0 51.8 77.6



#33
 1,2-Dichloroethane-d4
 Concen: 56.640 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051581.D
 Acq: 27 Sep 2018 13:52

Tgt Ion: 65 Resp: 468602
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.8

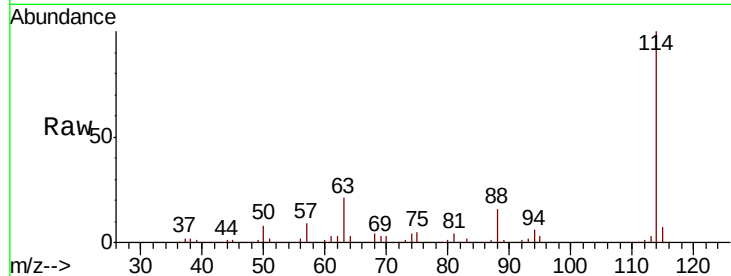




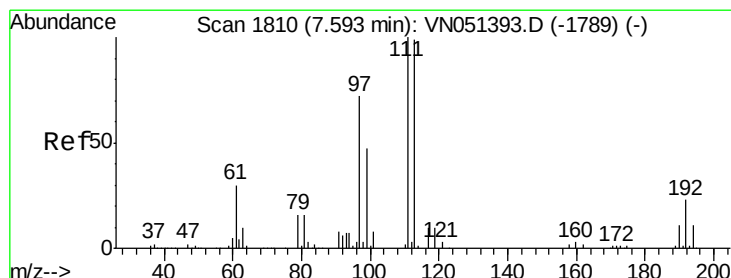
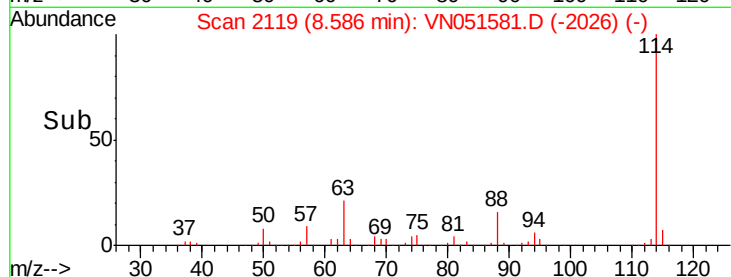
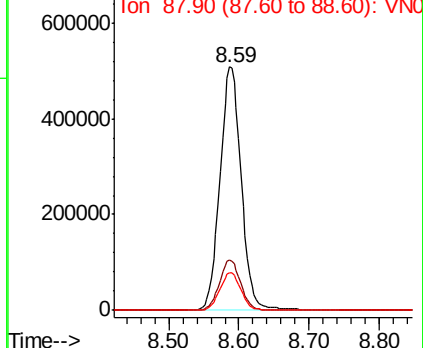
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051581.D
 Acq: 27 Sep 2018 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-092518-A

Tot Ion:114 Resp: 1070853
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.2
 88 15.6 0.0 31.4

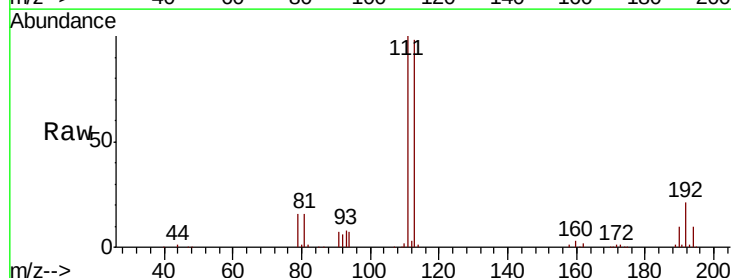


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

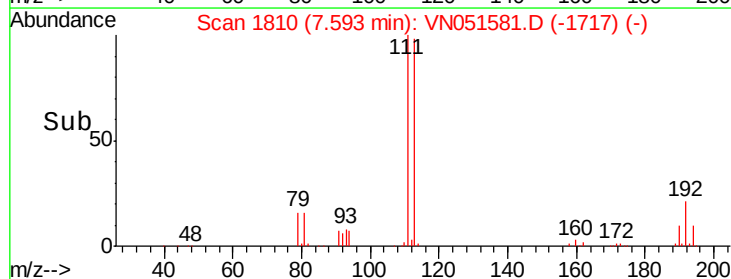
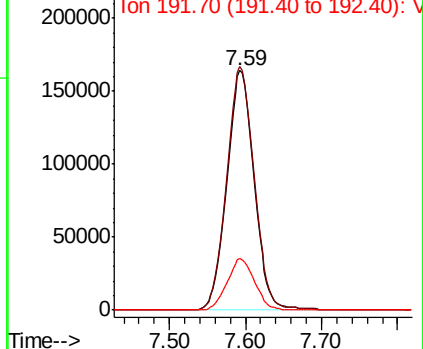


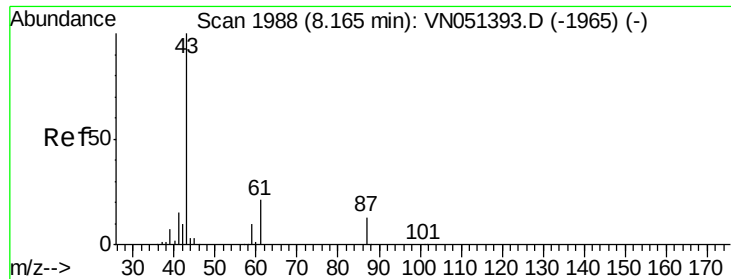
#35
 Dibromofluoromethane
 Concen: 47.923 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051581.D
 Acq: 27 Sep 2018 13:52

Tgt Ion:113 Resp: 410373
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.6 123.8
 192 21.7 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: 27.097 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051581.D

Acq: 27 Sep 2018 13:52

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-A

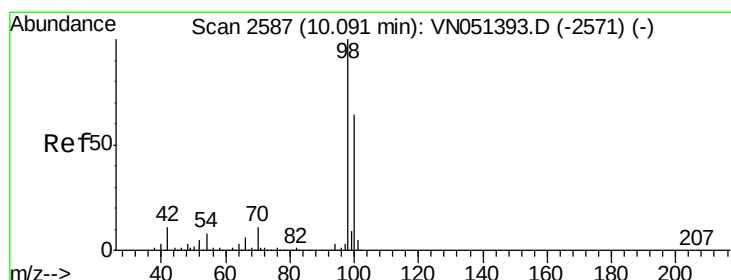
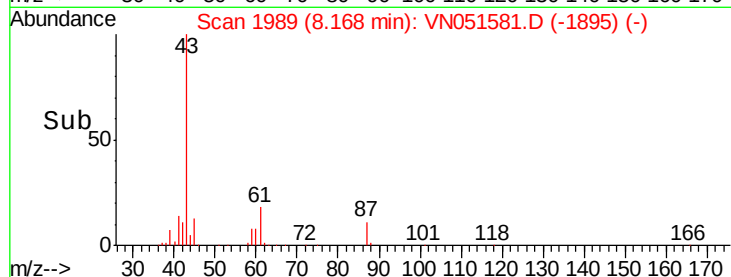
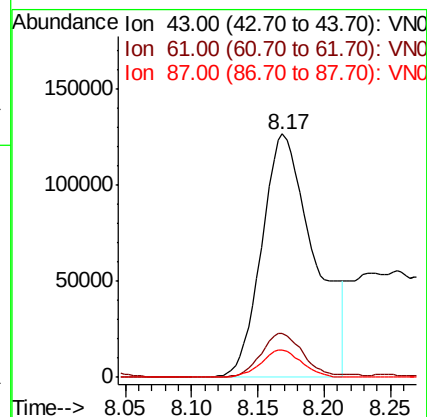
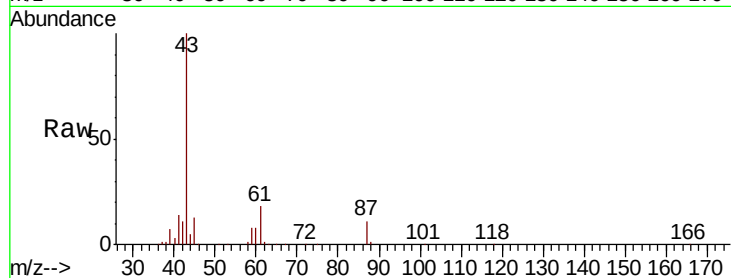
Tot Ion: 43 Resp: 349359

Ion Ratio Lower Upper

43 100

61 15.0 16.8 25.2#

87 8.8 10.7 16.1#



#50

Toluene-d8

Concen: 45.885 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051581.D

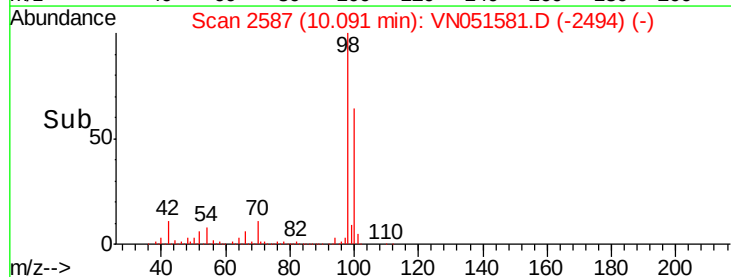
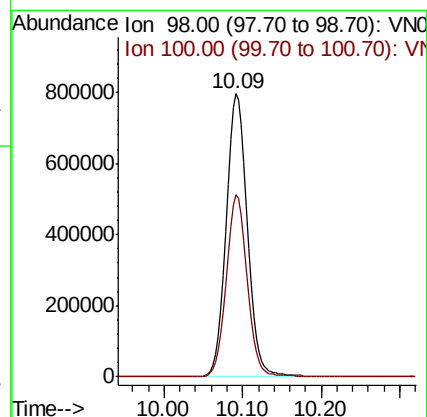
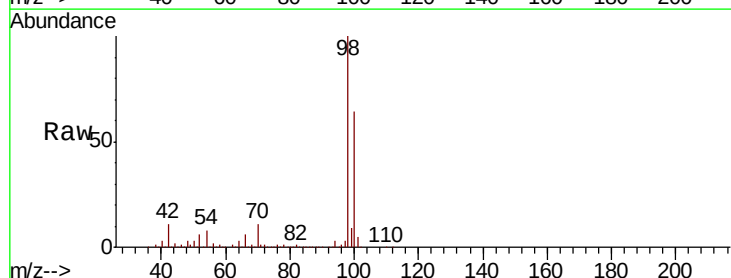
Acq: 27 Sep 2018 13:52

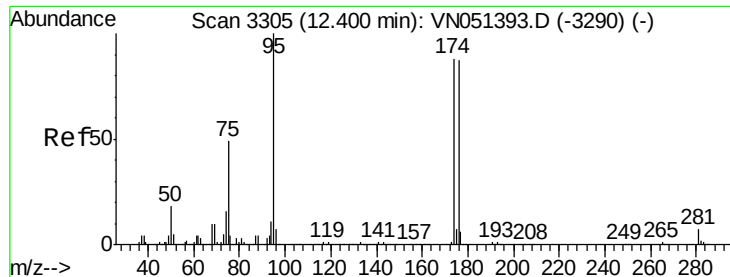
Tgt Ion: 98 Resp: 1479599

Ion Ratio Lower Upper

98 100

100 63.5 50.6 75.8





#62

4-Bromofluorobenzene

Concen: 38.067 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051581.D

Acq: 27 Sep 2018 13:52

Instrument :

MSVOA_N

ClientSampleId :

CL-02-092518-A

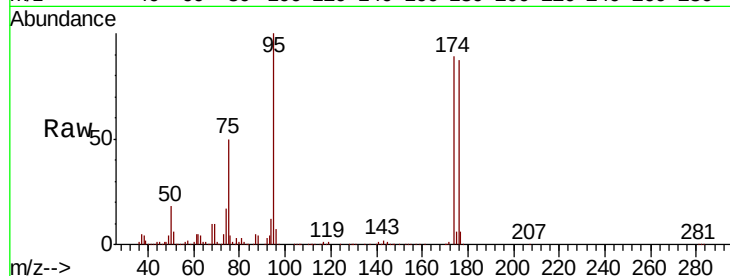
Tot Ion: 95 Resp: 397092

Ion Ratio Lower Upper

95 100

174 89.3 0.0 181.6

176 85.7 0.0 176.4

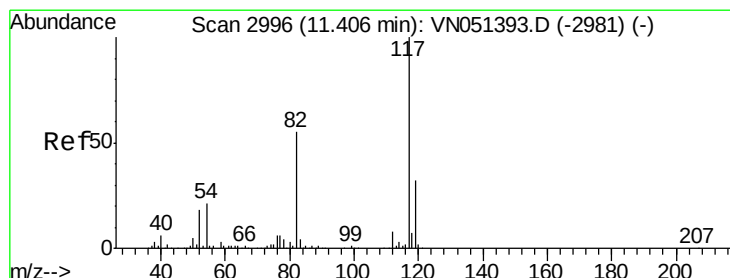
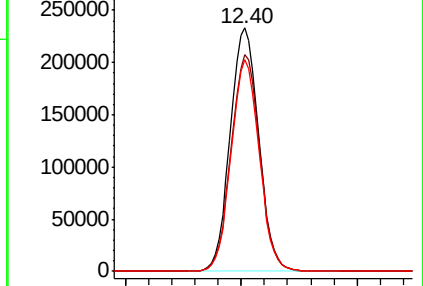
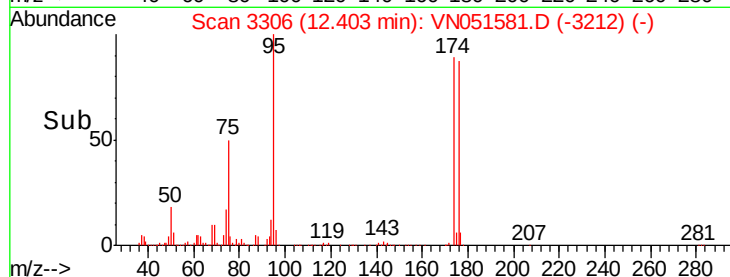


Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

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

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

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051581.D

Acq: 27 Sep 2018 13:52

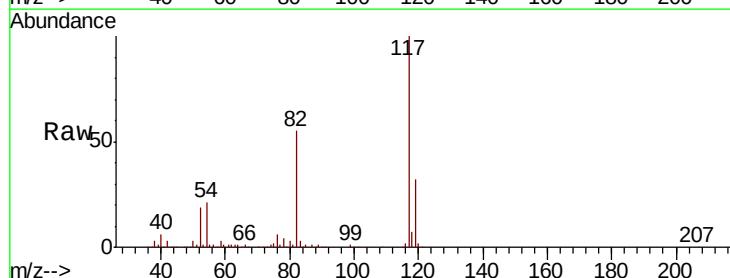
Tgt Ion: 117 Resp: 883919

Ion Ratio Lower Upper

117 100

82 55.0 44.2 66.2

119 31.8 25.9 38.9

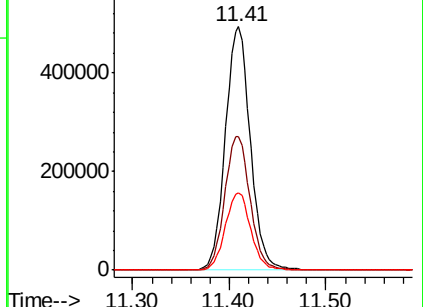
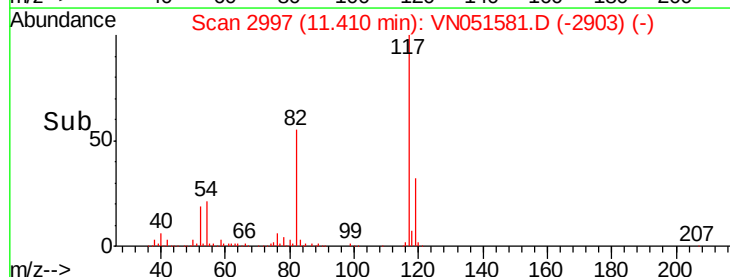


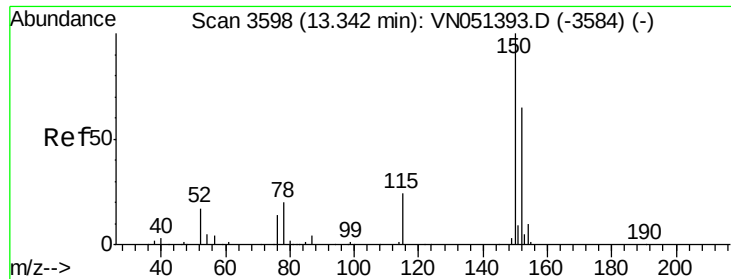
Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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

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

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051581.D

Acq: 27 Sep 2018 13:52

Instrument :

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ClientSampleId :

CL-02-092518-A

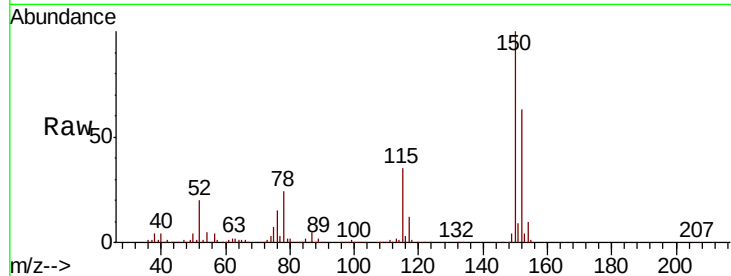
Tot Ion:152 Resp: 317951

Ion Ratio Lower Upper

152 100

115 56.0 28.3 84.9

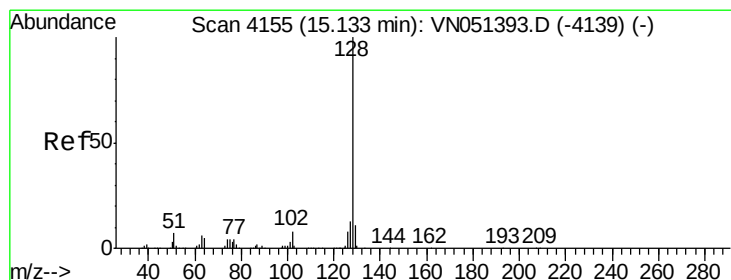
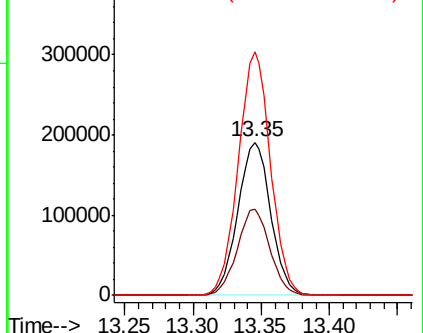
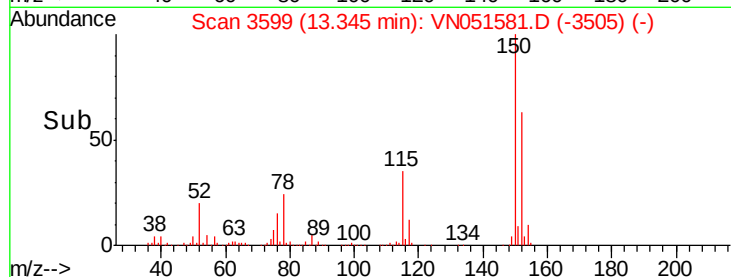
150 156.3 0.0 353.6



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: 8.796 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051581.D

Acq: 27 Sep 2018 13:52

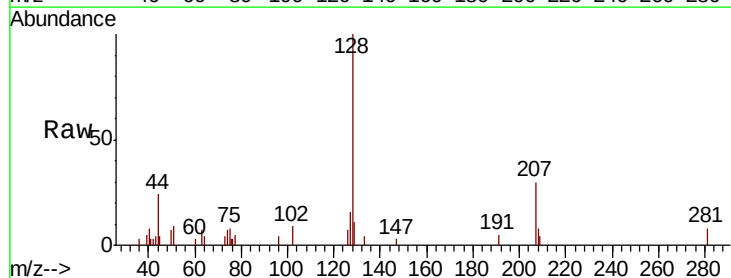
Tgt Ion:128 Resp: 10584

Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

129 9.9 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

