

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053710.D
 Acq On : 11 Feb 2019 17:40
 Operator : JC/SP
 Sample : K1453-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-9-S

Quant Time: Feb 11 23:10:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

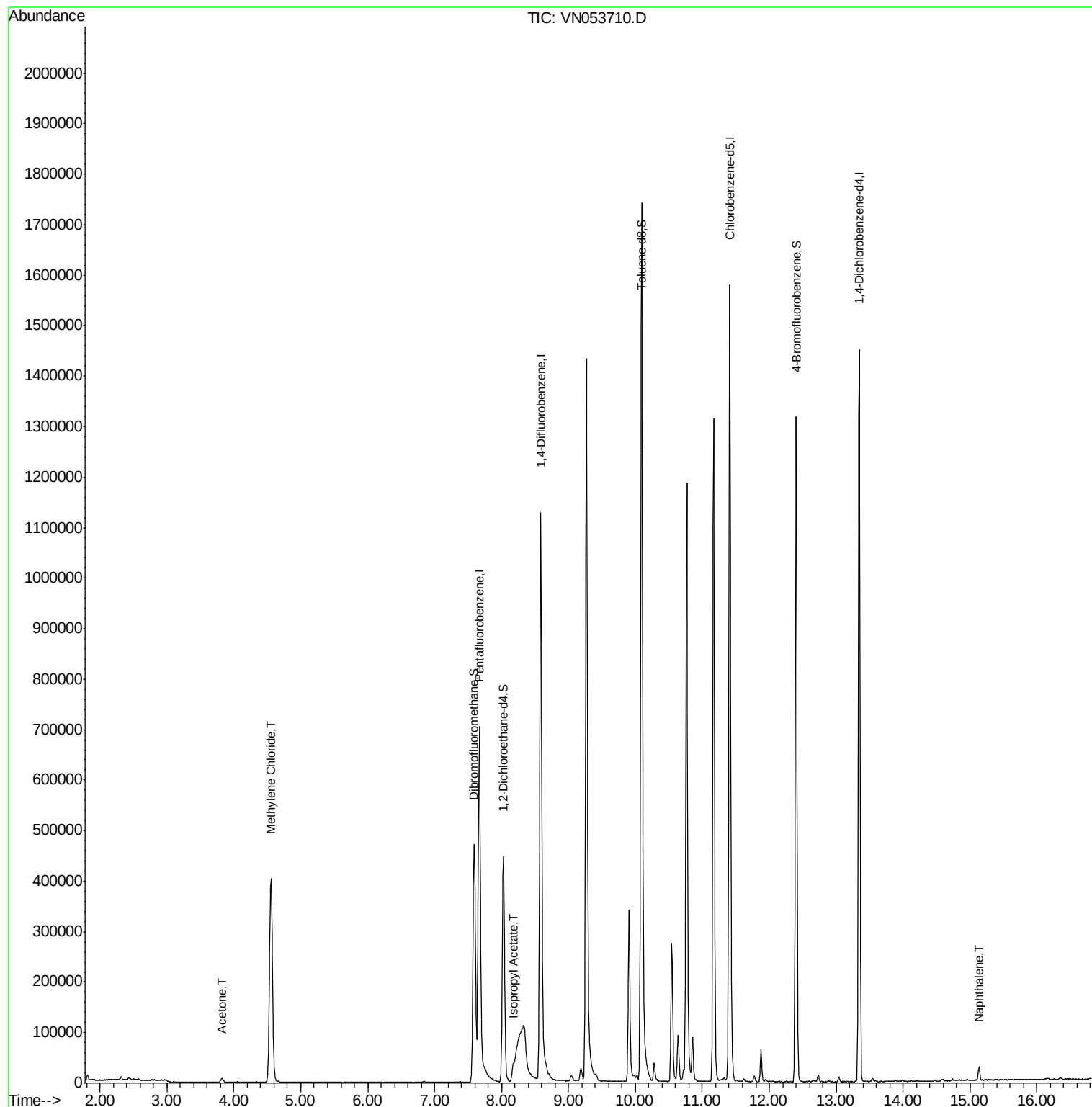
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	720469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1179208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1066563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	424013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	382721	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
35) Dibromofluoromethane	7.59	113	378894	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.09	98	1423661	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.40	95	461033	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
Target Compounds						
16) Acetone	3.82	43	14944	8.061	ug/l	100
20) Methylene Chloride	4.55	84	324328	41.698	ug/l	98
43) Isopropyl Acetate	8.17	43	38696	3.375	ug/l #	79
95) Naphthalene	15.13	128	23133	2.935	ug/l	99

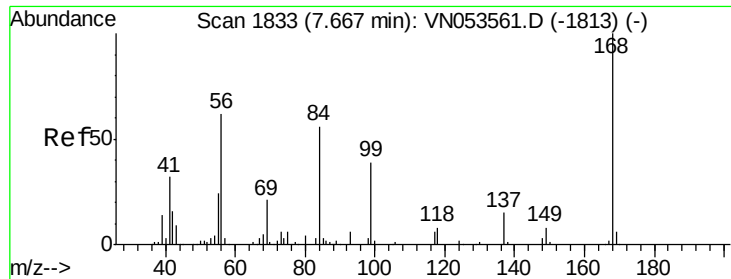
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
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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: VN053710.D

Acq: 11 Feb 2019 17:40

Instrument :

MSVOA_N

ClientSampleId :

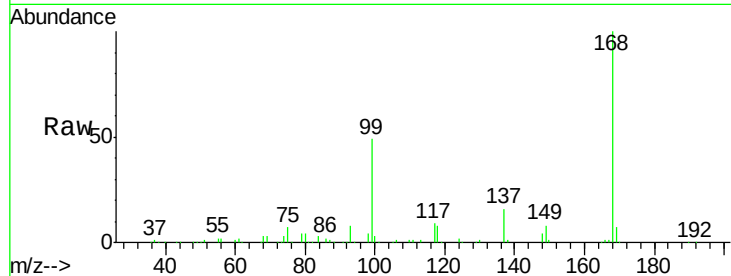
M-9-S

Tot Ion:168 Resp: 720469

Ion Ratio Lower Upper

168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053710.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053710.D (-1740) (-)

7.67

300000

250000

200000

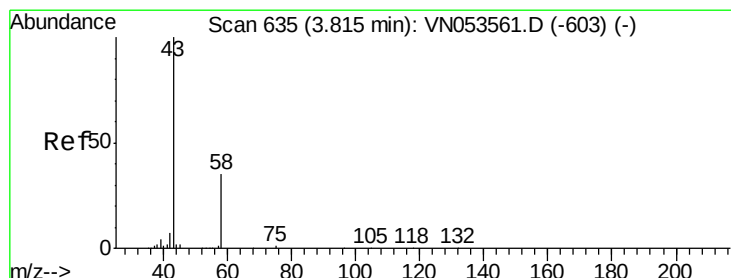
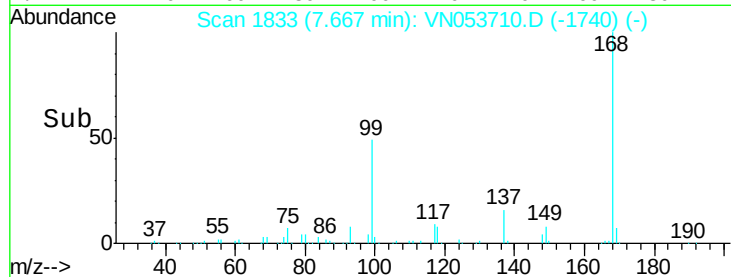
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.061 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053710.D

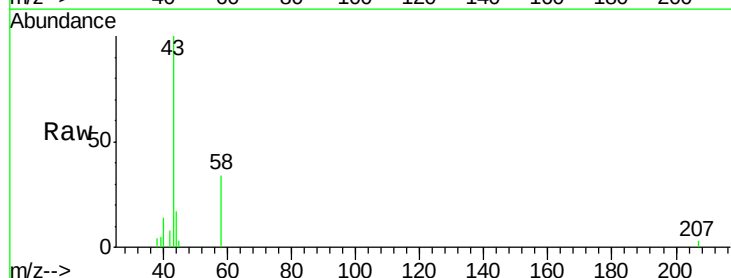
Acq: 11 Feb 2019 17:40

Tgt Ion: 43 Resp: 14944

Ion Ratio Lower Upper

43 100

58 33.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053710.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053710.D (-542) (-)

3.82

6000

5000

4000

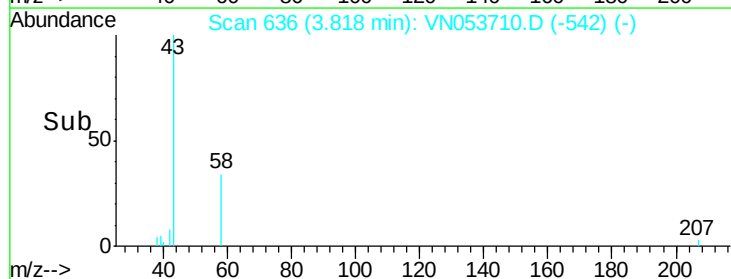
3000

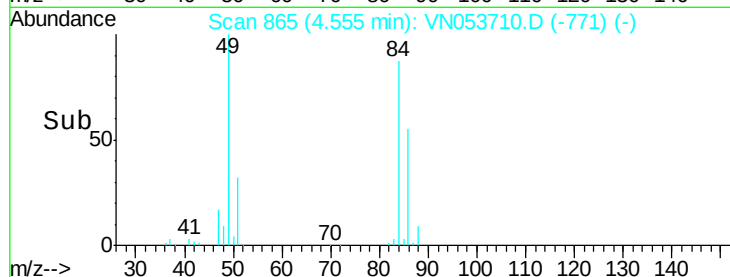
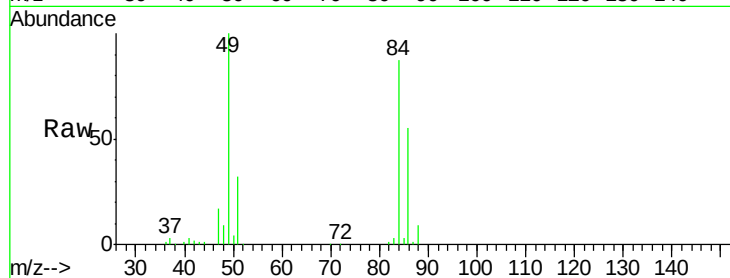
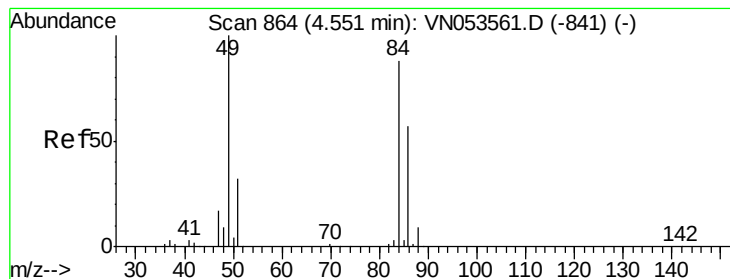
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 41.698 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053710.D

Acq: 11 Feb 2019 17:40

Instrument :

MSVOA_N

ClientSampled :

M-9-S

Tot Ion: 84 Resp: 324328

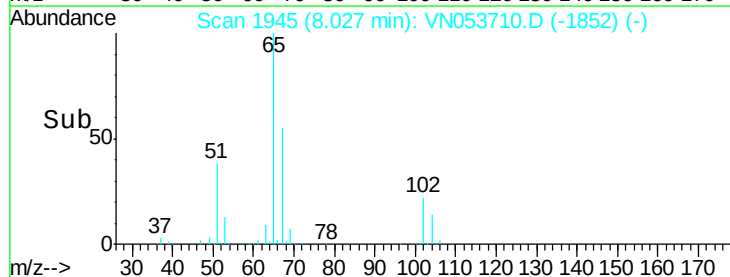
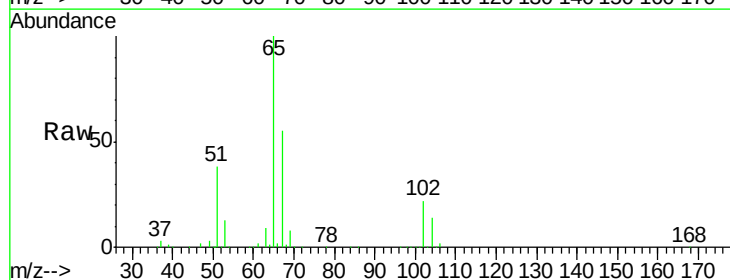
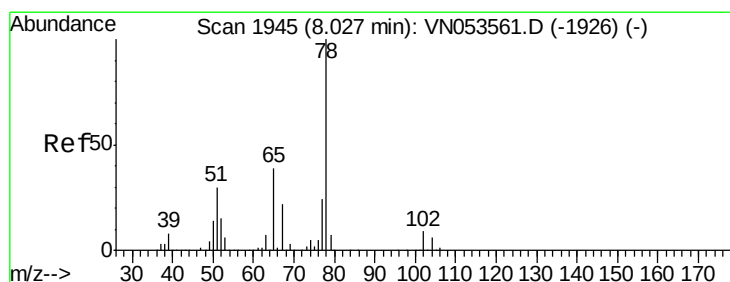
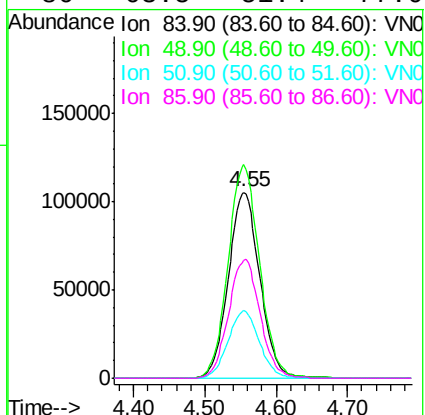
Ion Ratio Lower Upper

84 100

49 114.8 94.3 141.5

51 36.8 29.4 44.2

86 63.5 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: 52.952 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053710.D

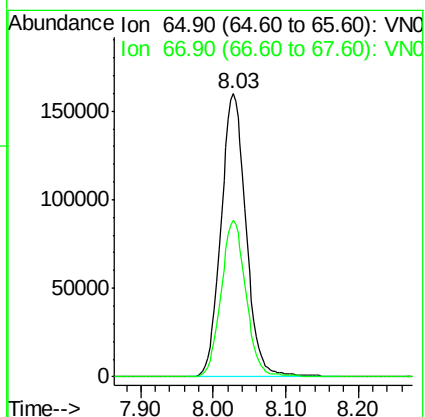
Acq: 11 Feb 2019 17:40

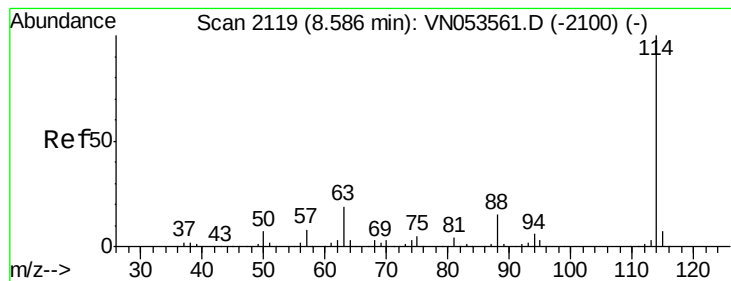
Tgt Ion: 65 Resp: 382721

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053710.D

Acq: 11 Feb 2019 17:40

Instrument :

MSVOA_N

ClientSampleId :

M-9-S

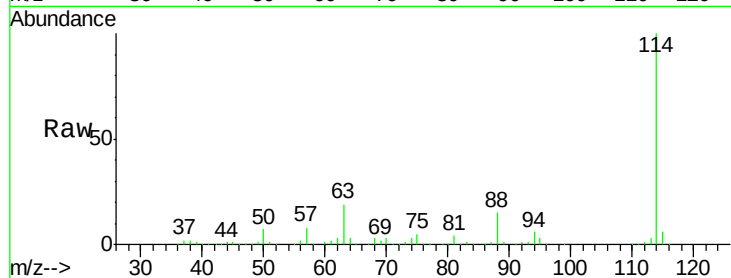
Tot Ion:114 Resp: 1179208

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

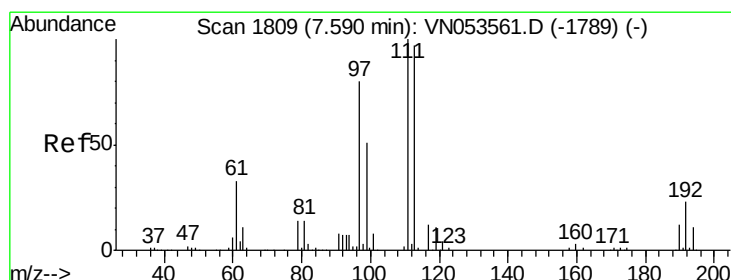
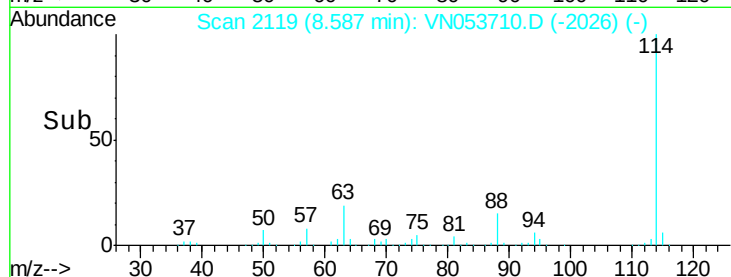
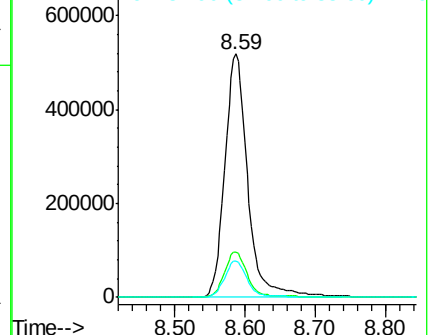
88 14.9 0.0 30.4



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: 50.851 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053710.D

Acq: 11 Feb 2019 17:40

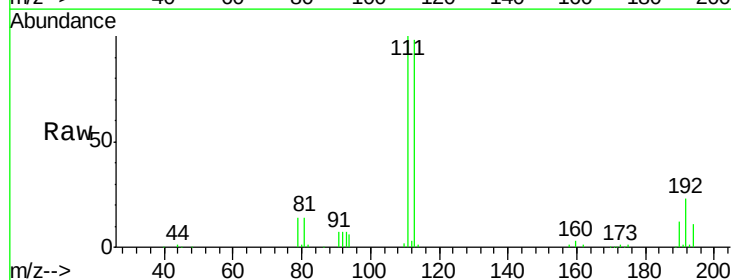
Tgt Ion:113 Resp: 378894

Ion Ratio Lower Upper

113 100

111 101.2 81.1 121.7

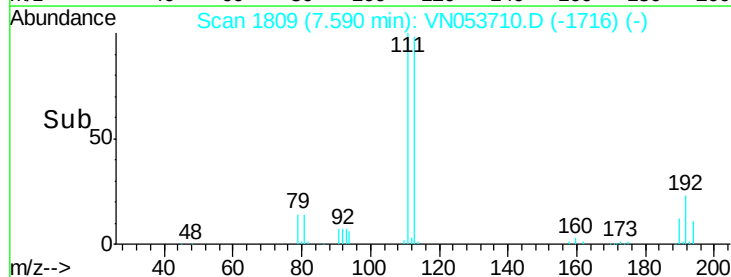
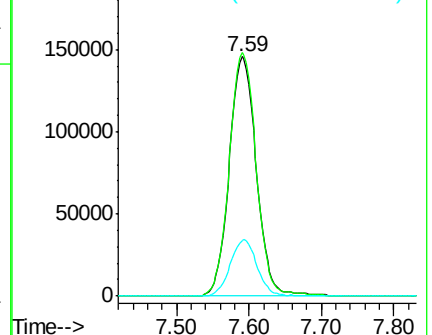
192 23.3 18.2 27.2

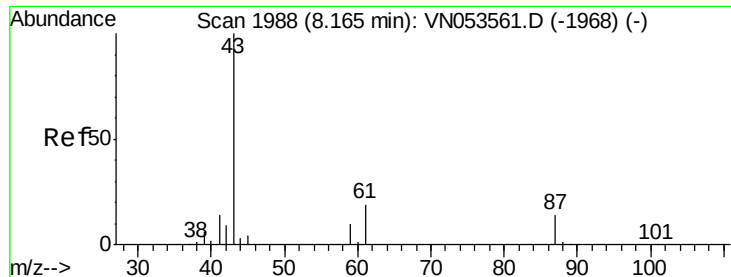


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.375 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053710.D

Acq: 11 Feb 2019 17:40

Instrument :

MSVOA_N

ClientSampleId :

M-9-S

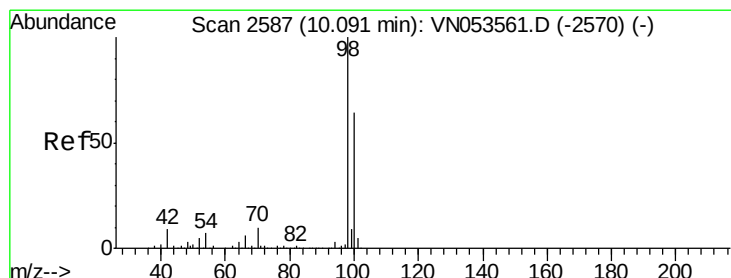
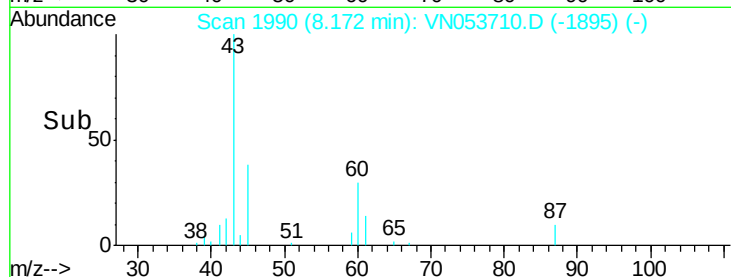
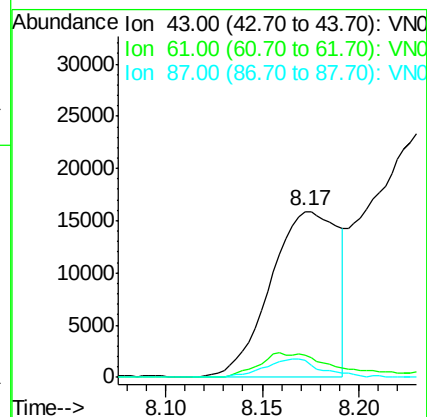
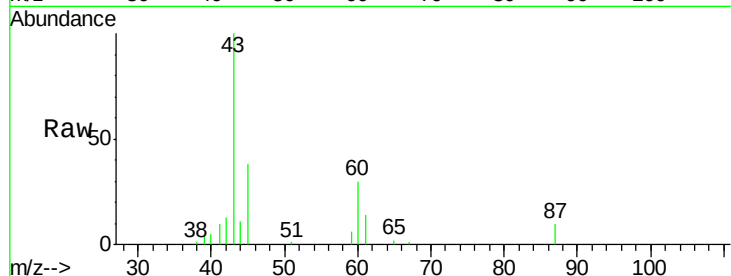
Tot Ion: 43 Resp: 38696

Ion Ratio Lower Upper

43 100

61 16.4 23.9 35.9#

87 9.1 11.0 16.6#



#50

Toluene-d8

Concen: 50.886 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053710.D

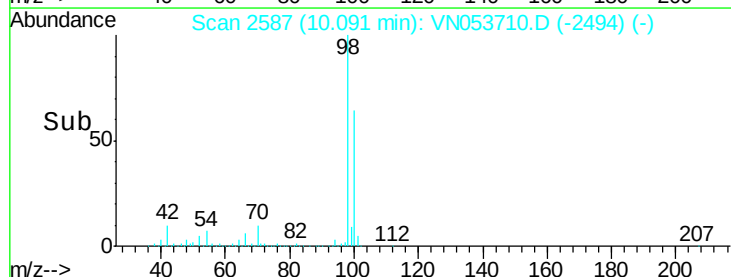
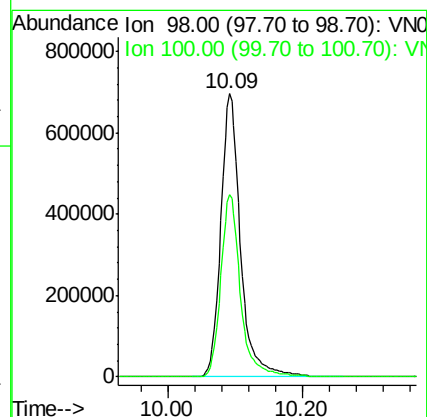
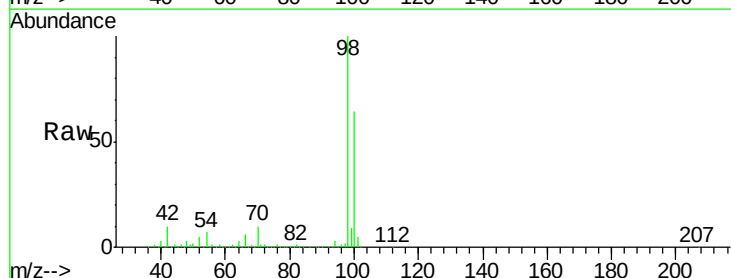
Acq: 11 Feb 2019 17:40

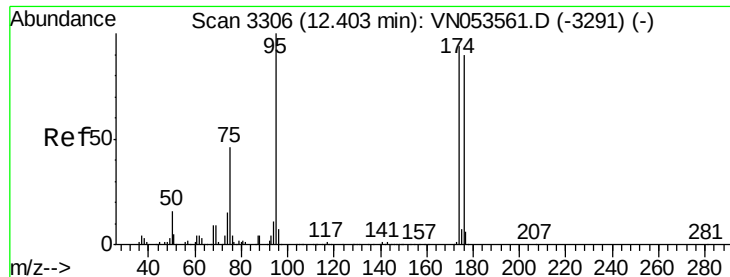
Tgt Ion: 98 Resp: 1423661

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 49.409 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053710.D

Acq: 11 Feb 2019 17:40

Instrument :

MSVOA_N

ClientSampleId :

M-9-S

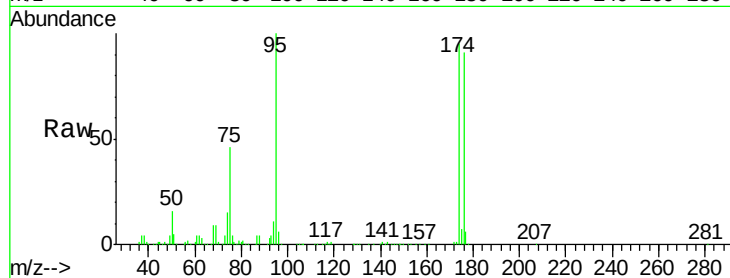
Tot Ion: 95 Resp: 461033

Ion Ratio Lower Upper

95 100

174 93.9 0.0 183.2

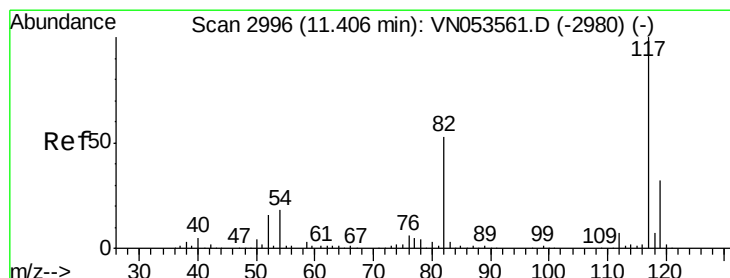
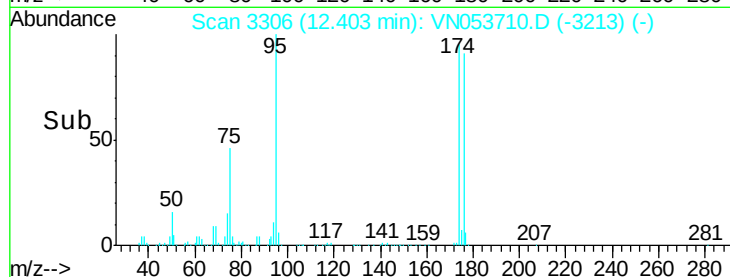
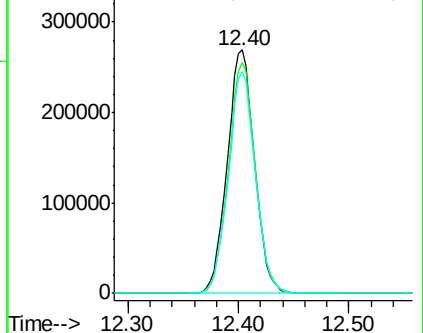
176 89.9 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053710.D

Acq: 11 Feb 2019 17:40

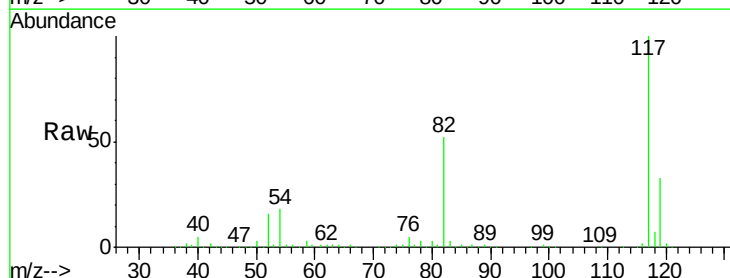
Tgt Ion: 117 Resp: 1066563

Ion Ratio Lower Upper

117 100

82 52.0 42.9 64.3

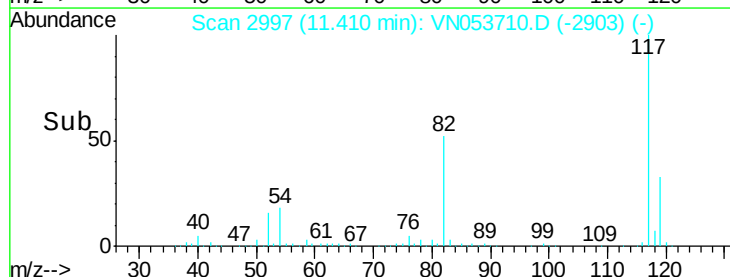
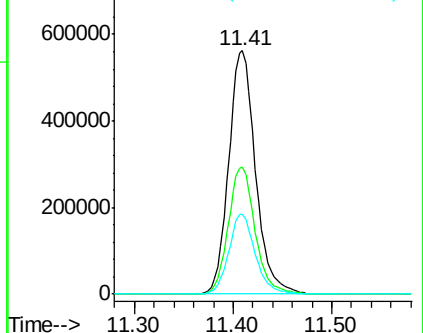
119 33.0 26.0 39.0

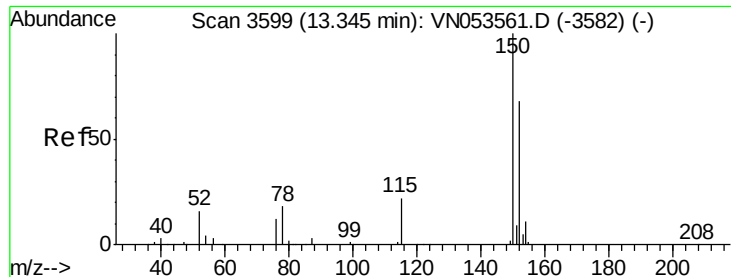


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053710.D

Acq: 11 Feb 2019 17:40

Instrument :

MSVOA_N

ClientSampled :

M-9-S

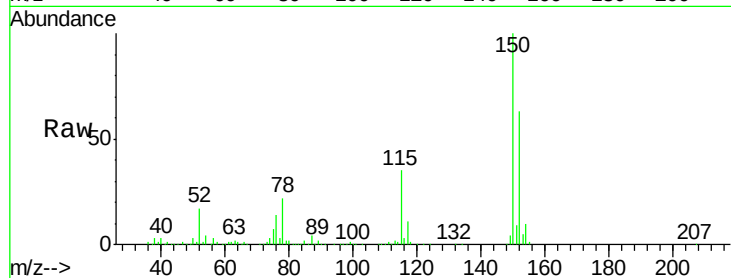
Tot Ion:152 Resp: 424013

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.4

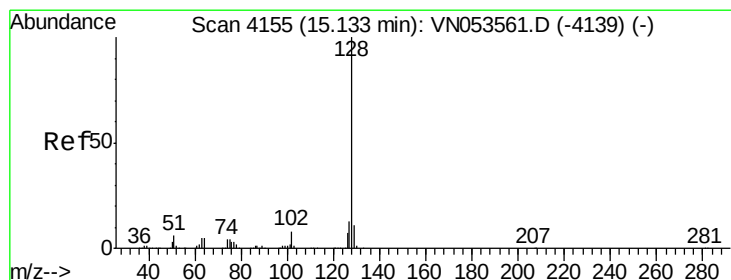
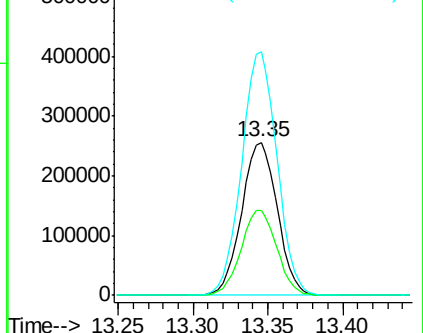
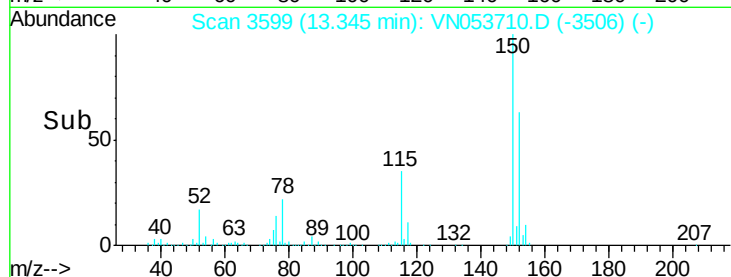
150 158.4 0.0 349.0



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: 2.935 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053710.D

Acq: 11 Feb 2019 17:40

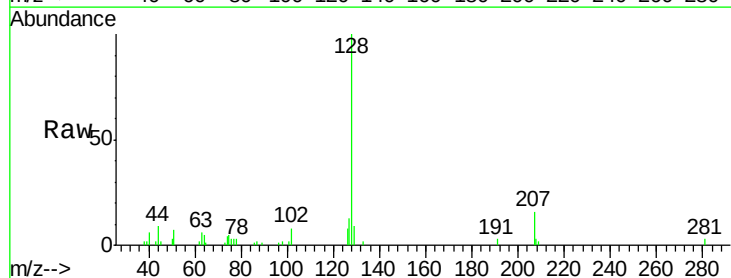
Tgt Ion:128 Resp: 23133

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 10.5 8.6 13.0



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

