

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054811.D
 Acq On : 30 Mar 2019 19:05
 Operator : JC/SP
 Sample : K2138-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S6A(10)

Quant Time: Mar 30 23:50:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

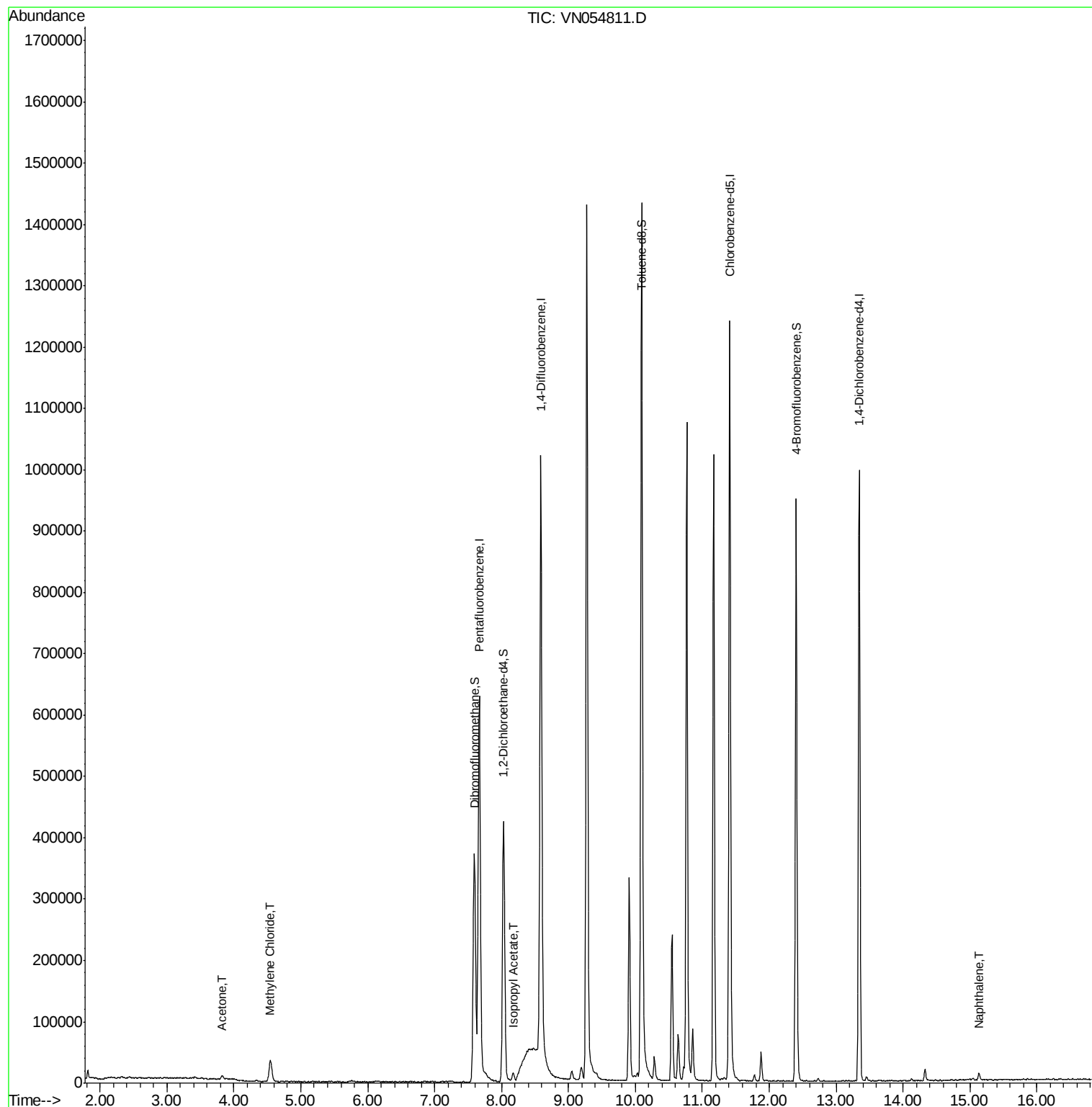
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	533004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	745433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	368255	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
35) Dibromofluoromethane	7.59	113	286176	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	10.09	98	1053199	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.40	95	321483	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
Target Compounds						
16) Acetone	3.82	43	8772	5.120	ug/l #	77
20) Methylene Chloride	4.55	84	23515	3.891	ug/l #	91
43) Isopropyl Acetate	8.18	43	17571	1.788	ug/l #	93
95) Naphthalene	15.13	128	9656	1.000	ug/l	99

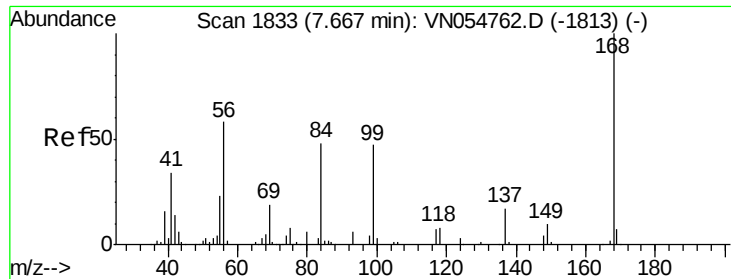
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
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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: VN054811.D

Acq: 30 Mar 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

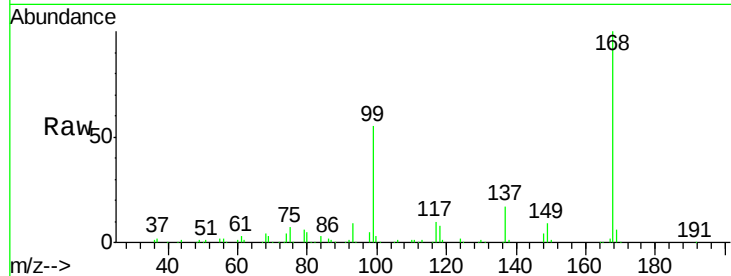
S6A(10)

Tot Ion:168 Resp: 533004

Ion Ratio Lower Upper

168 100

99 54.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.67

250000

200000

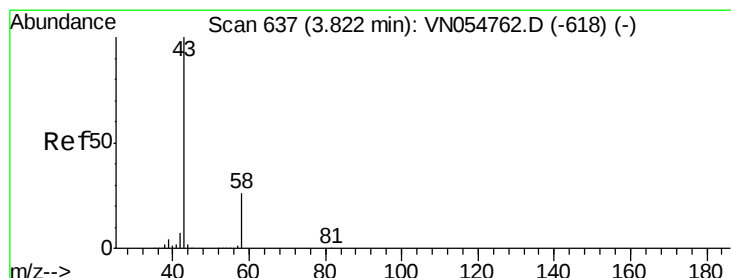
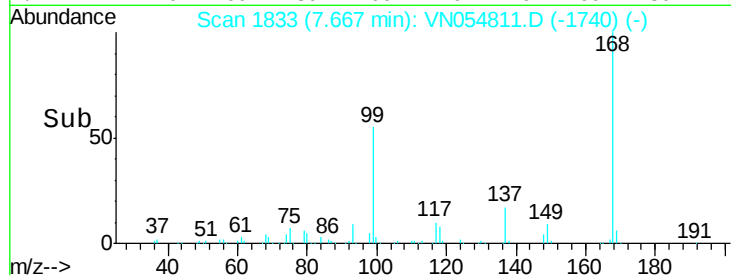
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.120 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054811.D

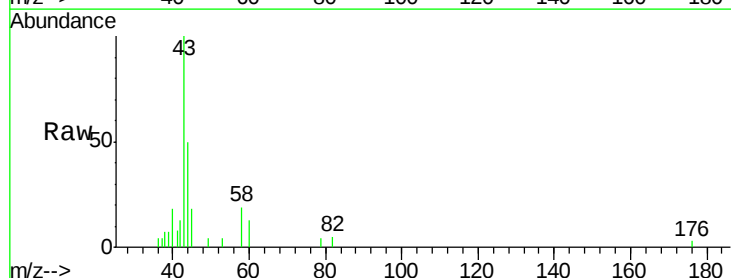
Acq: 30 Mar 2019 19:05

Tgt Ion: 43 Resp: 8772

Ion Ratio Lower Upper

43 100

58 23.6 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-618) (-)

3.82

5000

4000

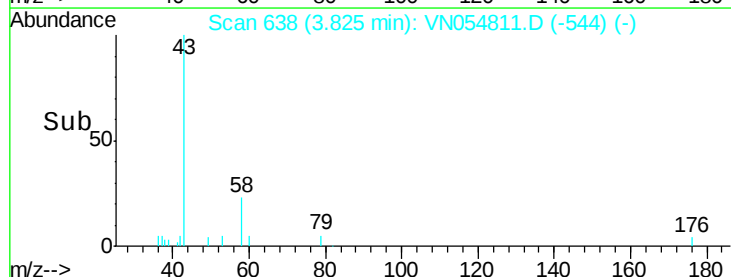
3000

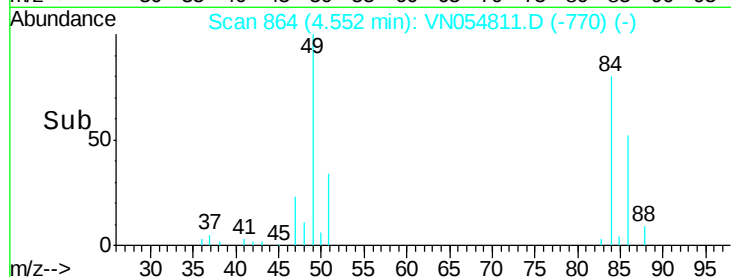
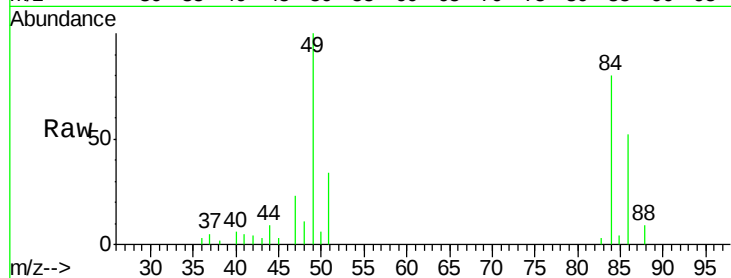
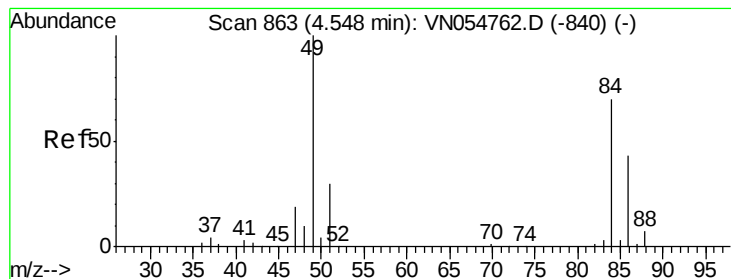
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 3.891 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN054811.D

Acq: 30 Mar 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

S6A(10)

Tot Ion: 84 Resp: 23515

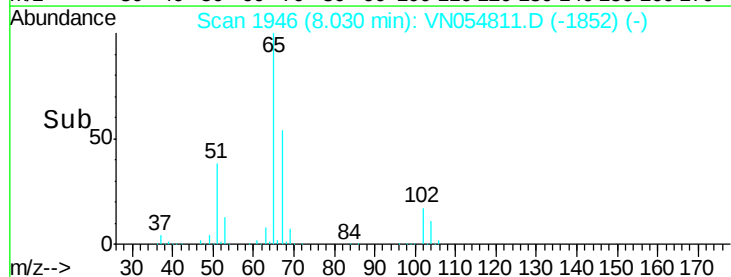
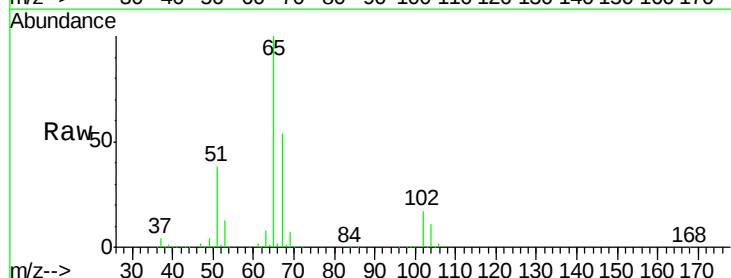
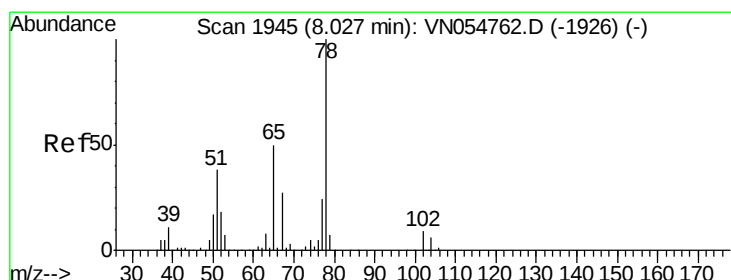
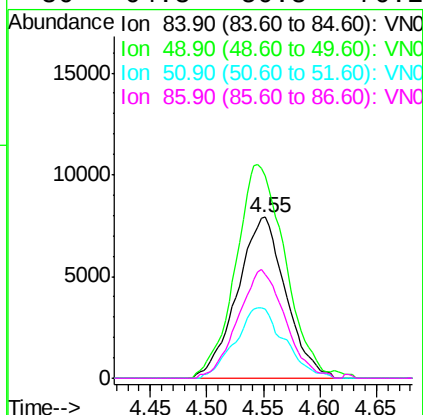
Ion Ratio Lower Upper

84 100

49 125.3 89.7 134.5

51 42.7 28.2 42.4#

86 64.8 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 51.253 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054811.D

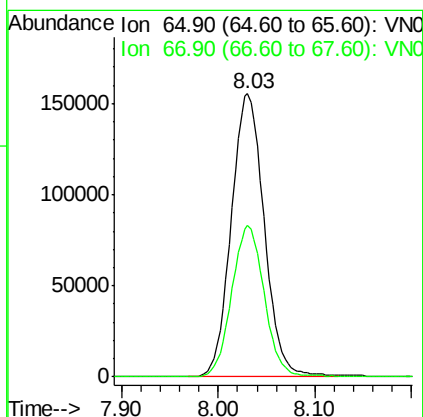
Acq: 30 Mar 2019 19:05

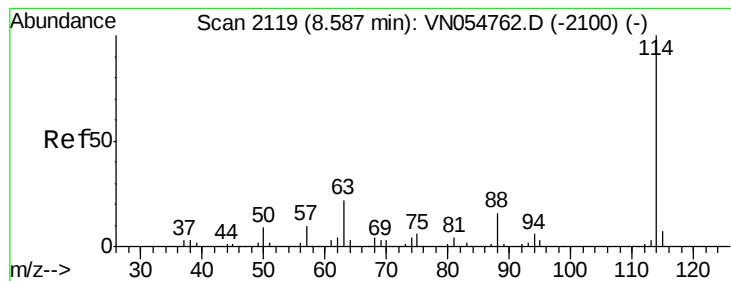
Tgt Ion: 65 Resp: 368255

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054811.D

Acq: 30 Mar 2019 19:05

Instrument :

MSVOA_N

ClientSampled :

S6A(10)

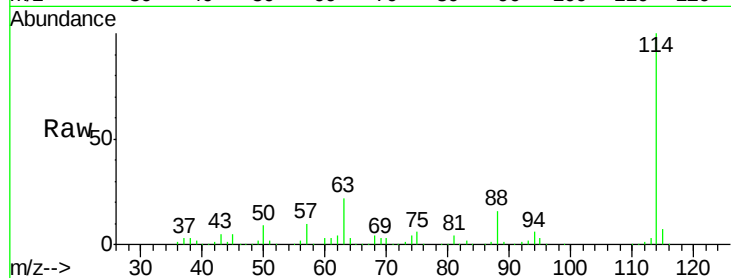
Tot Ion:114 Resp: 885323

Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.2

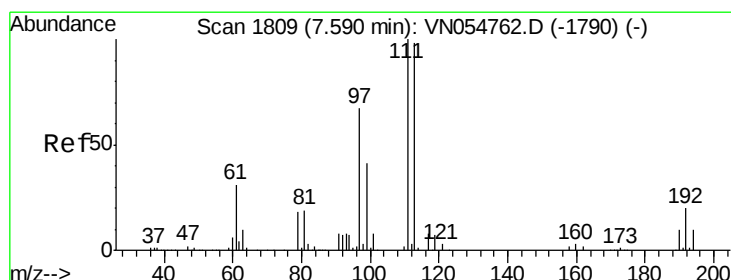
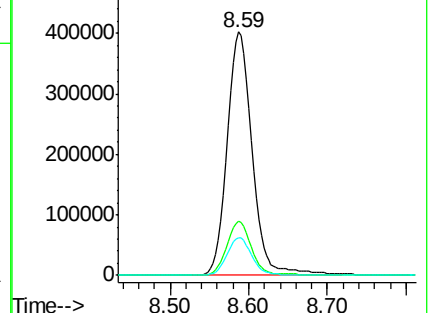
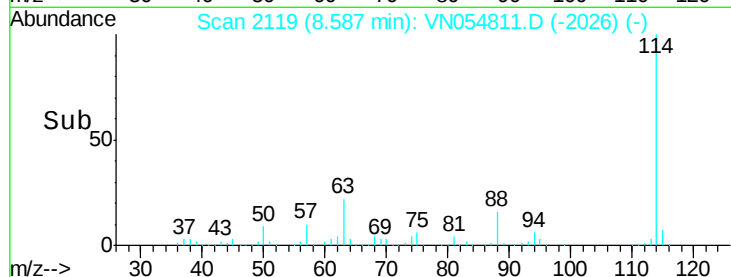
88 15.6 0.0 30.2



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: 48.485 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054811.D

Acq: 30 Mar 2019 19:05

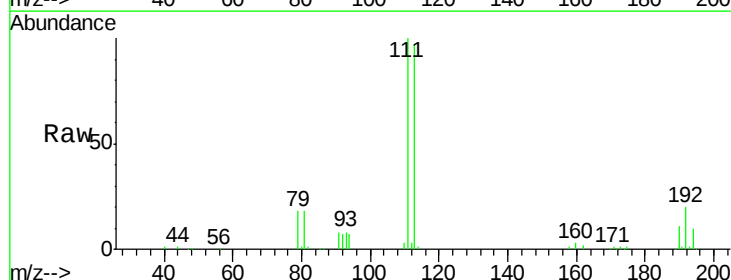
Tgt Ion:113 Resp: 286176

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

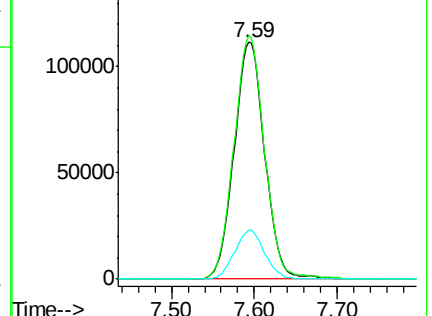
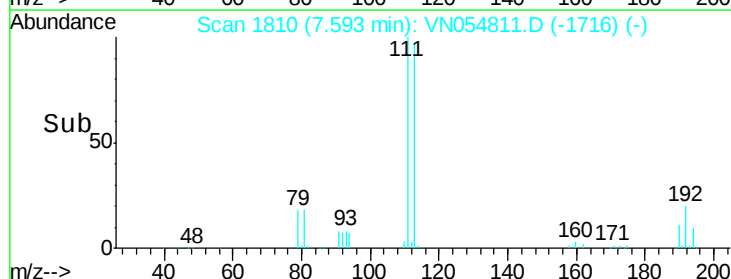
192 20.3 19.2 28.8

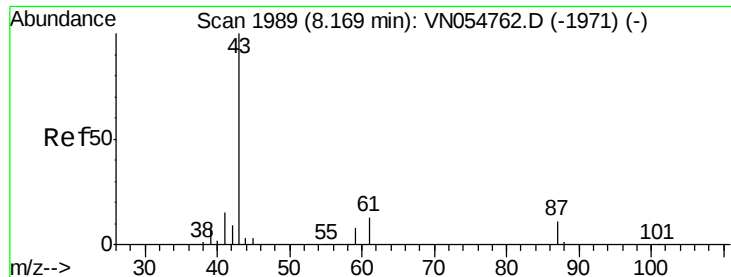


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.788 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.01 min

Lab File: VN054811.D

Acq: 30 Mar 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

S6A(10)

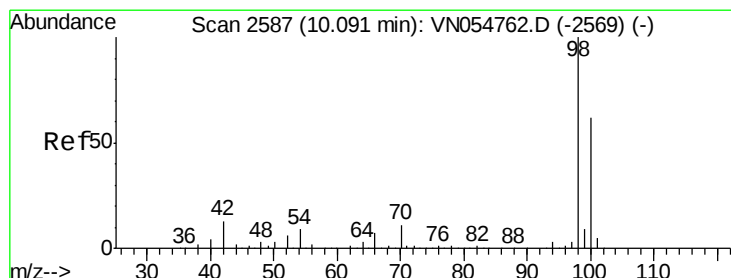
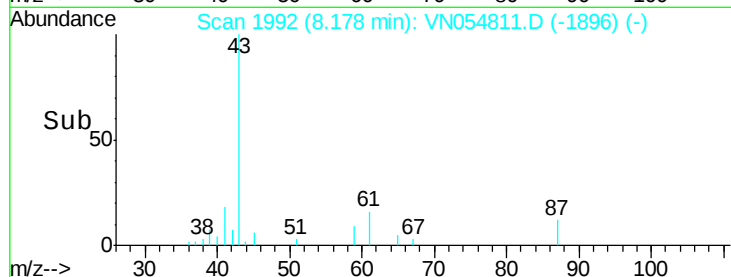
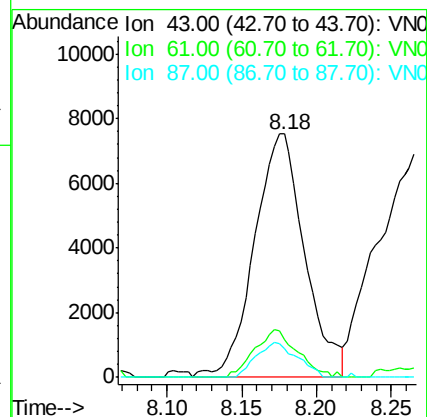
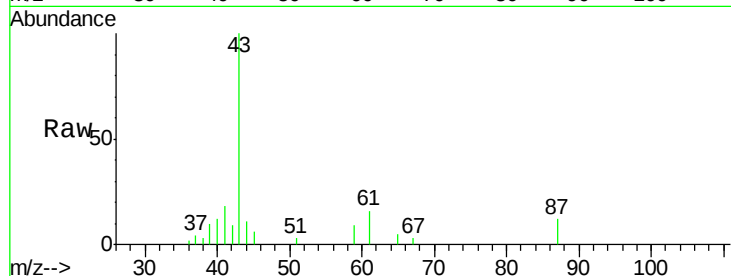
Tot Ion: 43 Resp: 17571

Ion Ratio Lower Upper

43 100

61 16.7 15.8 23.8

87 11.6 12.0 18.0#



#50

Toluene-d8

Concen: 47.995 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054811.D

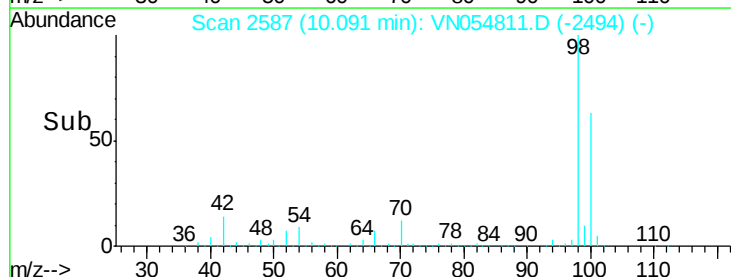
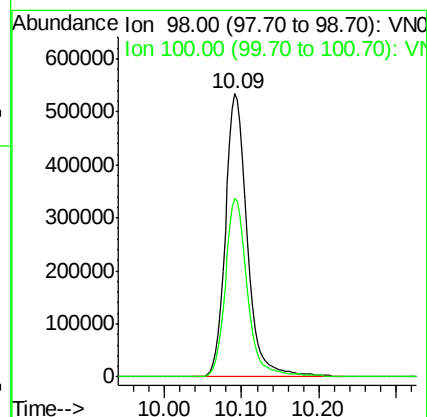
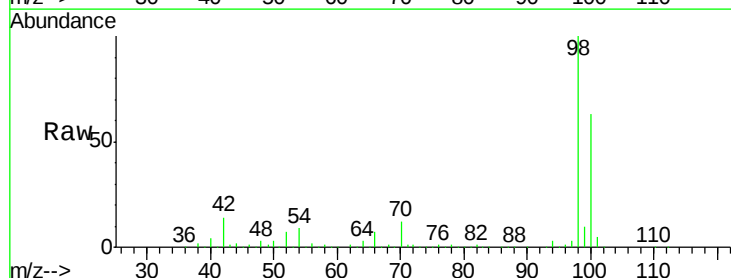
Acq: 30 Mar 2019 19:05

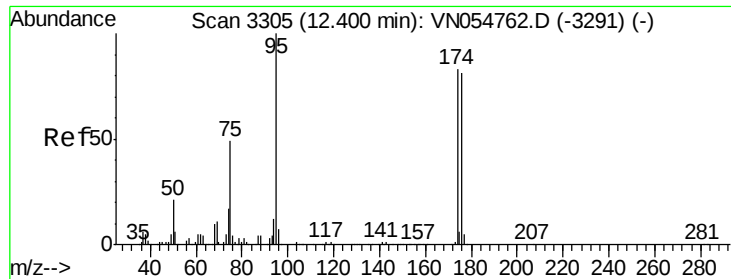
Tgt Ion: 98 Resp: 1053199

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.051 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054811.D

Acq: 30 Mar 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

S6A(10)

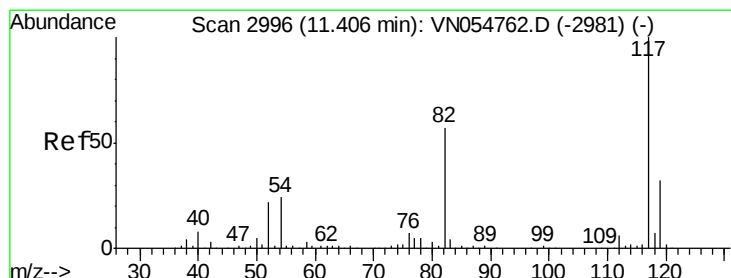
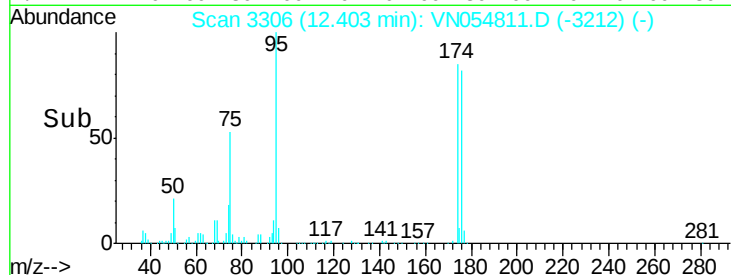
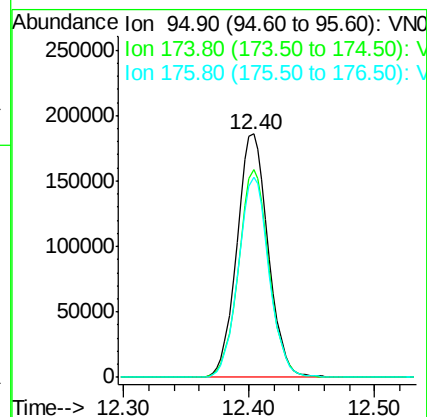
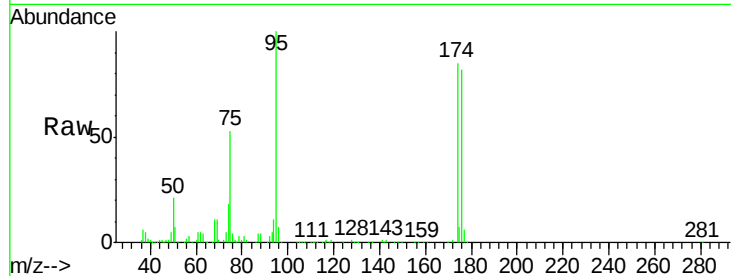
Tot Ion: 95 Resp: 321483

Ion Ratio Lower Upper

95 100

174 83.1 0.0 191.0

176 80.9 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054811.D

Acq: 30 Mar 2019 19:05

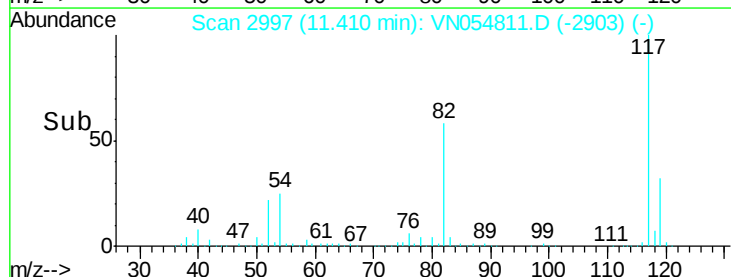
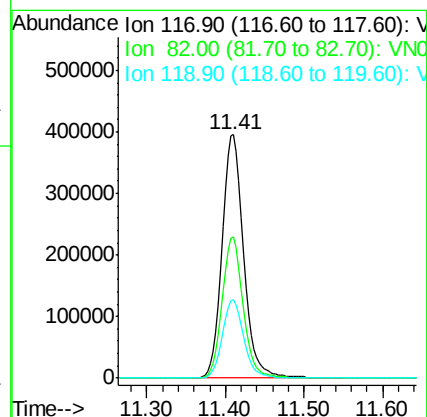
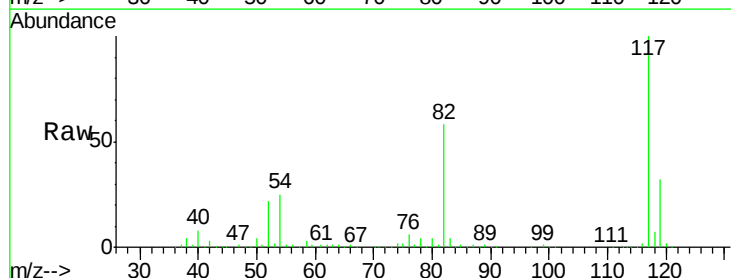
Tgt Ion: 117 Resp: 745433

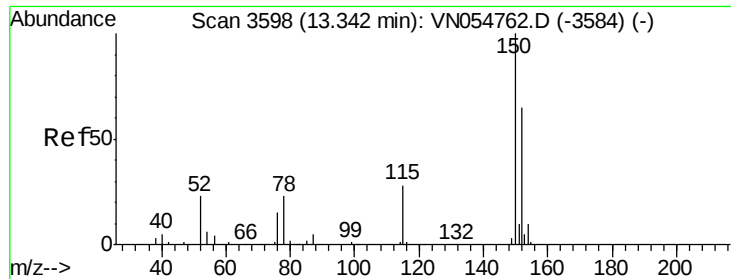
Ion Ratio Lower Upper

117 100

82 57.9 40.0 60.0

119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054811.D

Acq: 30 Mar 2019 19:05

Instrument :

MSVOA_N

ClientSampleId :

S6A(10)

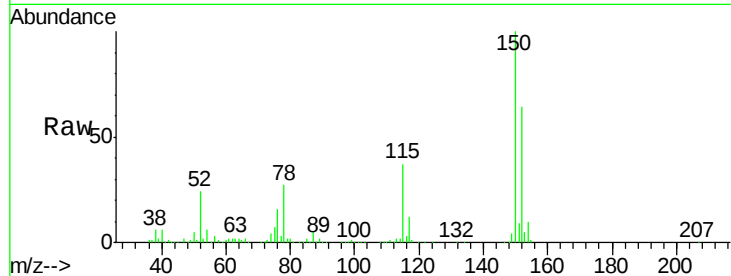
Tot Ion:152 Resp: 267860

Ion Ratio Lower Upper

152 100

115 58.1 27.2 81.6

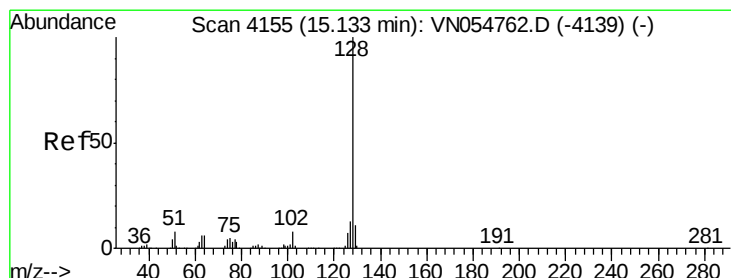
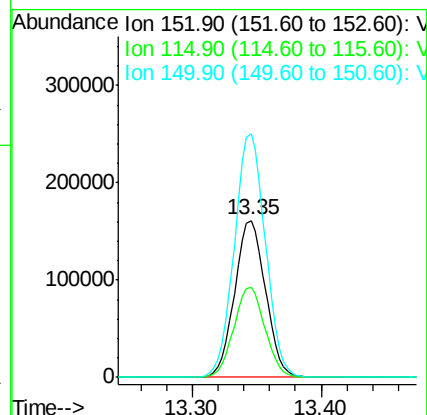
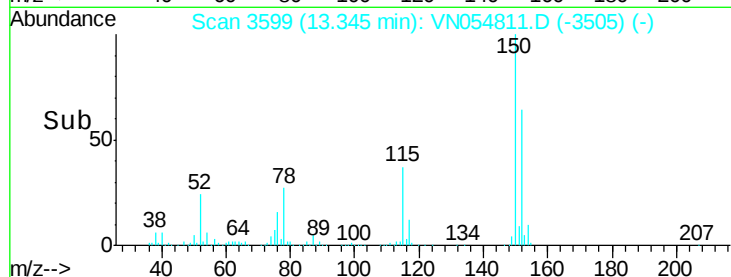
150 156.4 0.0 349.2



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: 1.000 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054811.D

Acq: 30 Mar 2019 19:05

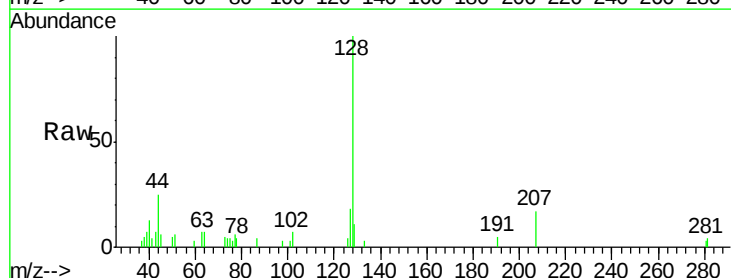
Tgt Ion:128 Resp: 9656

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 11.2 8.7 13.1



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

