

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051211.D
 Acq On : 15 Sep 2018 00:36
 Operator : MD\SY
 Sample : J4906-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Sep 15 01:59:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	605133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	798667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	270274	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	362071	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	7.59	113	365808	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.09	98	1288959	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
62) 4-Bromofluorobenzene	12.40	95	346722	37.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.64%	

Target Compounds

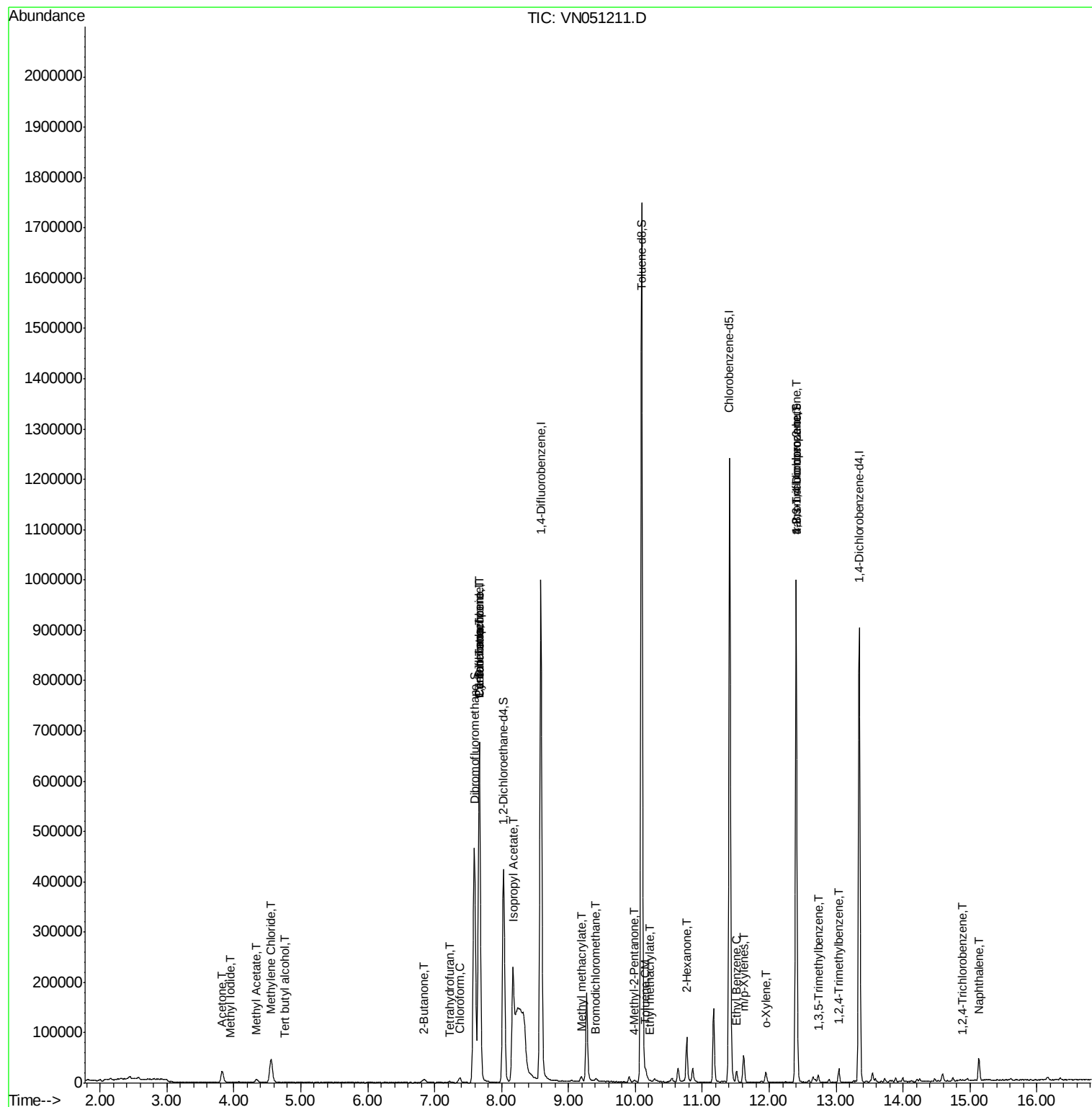
						Qvalue
3) Chloromethane	2.06	50	1918	Below Cal		97
5) Bromomethane	2.57	94	2142	Below Cal		87
10) Methyl Iodide	3.96	142	62	5.64	ug/l #	44
11) Tert butyl alcohol	4.76	59	198	0.38	ug/l #	73
16) Acetone	3.82	43	38491	17.69	ug/l	98
18) Methyl Acetate	4.34	43	13053	2.42	ug/l #	76
20) Methylene Chloride	4.55	84	37311	5.02	ug/l	96
25) 2-Butanone	6.84	43	8246	3.11	ug/l	97
29) Tetrahydrofuran	7.22	42	1033	0.62	ug/l	94
30) Chloroform	7.38	83	11275	0.92	ug/l	88
31) Cyclohexane	7.67	56	9267	0.61	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38195	3.58	ug/l #	49
38) Carbon Tetrachloride	7.67	117	51606	4.91	ug/l #	17
43) Isopropyl Acetate	8.17	43	289089	26.51	ug/l #	79
47) Bromodichloromethane	9.40	83	3443	0.33	ug/l #	90
48) Methyl methacrylate	9.19	41	5864	1.10	ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	2838	0.47	ug/l	97
52) Toluene	10.16	92	4329	0.22	ug/l	92
56) Ethyl methacrylate	10.23	69	1808	2.63	ug/l #	55
59) 2-Hexanone	10.77	43	12686	3.10	ug/l #	55
67) Ethyl Benzene	11.51	91	16213	0.50	ug/l	94
68) m/p-Xylenes	11.62	106	17501	1.40	ug/l	99
69) o-Xylene	11.95	106	4867	0.40	ug/l	86
75) 1,1,2,2-Tetrachloroethane	12.40	83	148	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	158009	37.33	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6742	0.37	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	158009	111.03	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	15816	0.88	ug/l	97
90) Hexachloroethane	13.88	117	222	Below Cal	#	2
93) 1,2,4-Trichlorobenzene	14.90	180	99	4.00	ug/l #	10
95) Naphthalene	15.13	128	40598	8.91	ug/l	99

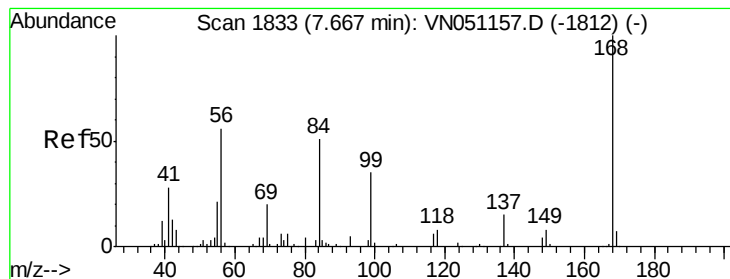
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

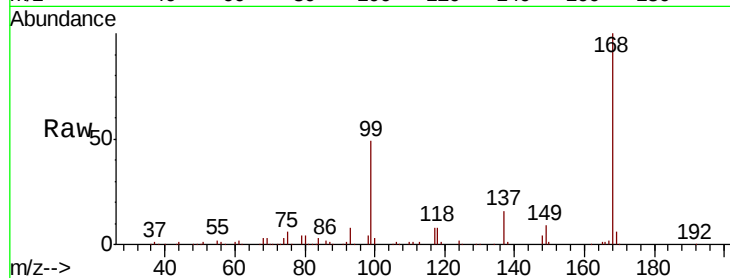
BFB

Tot Ion:168 Resp: 605133

Ion Ratio Lower Upper

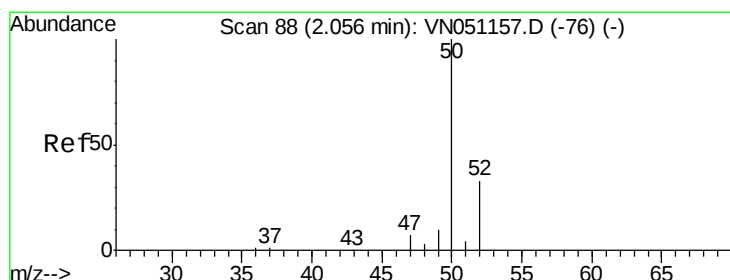
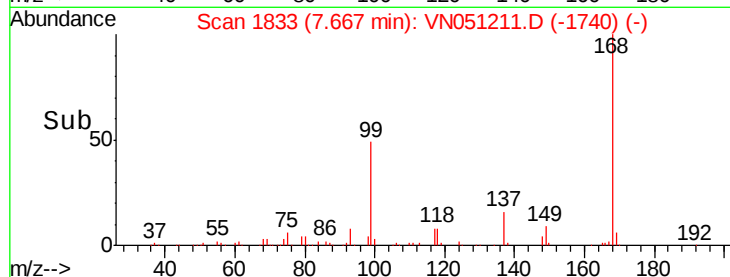
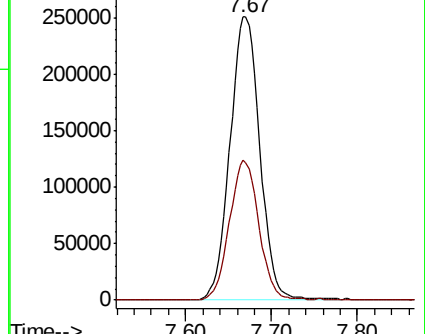
168 100

99 49.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051211.D

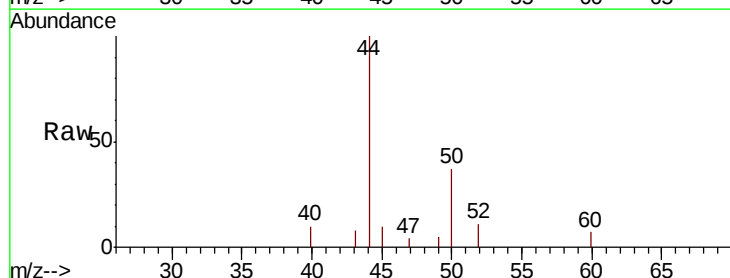
Acq: 15 Sep 2018 00:36

Tgt Ion: 50 Resp: 1918

Ion Ratio Lower Upper

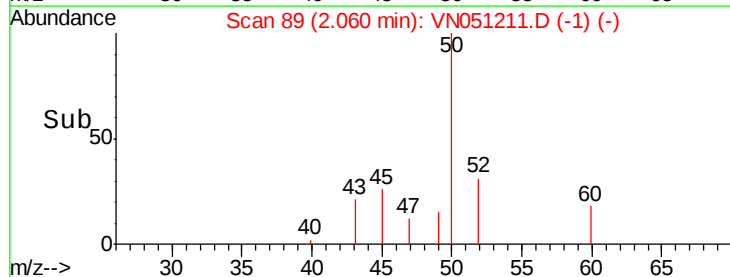
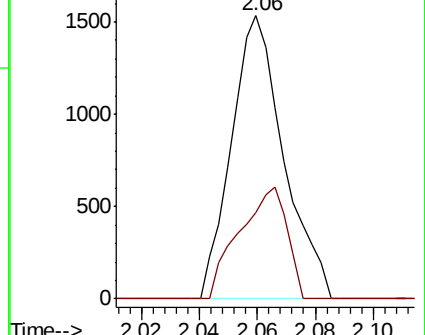
50 100

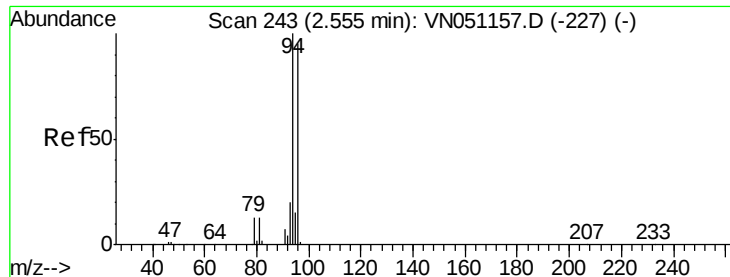
52 30.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampled :

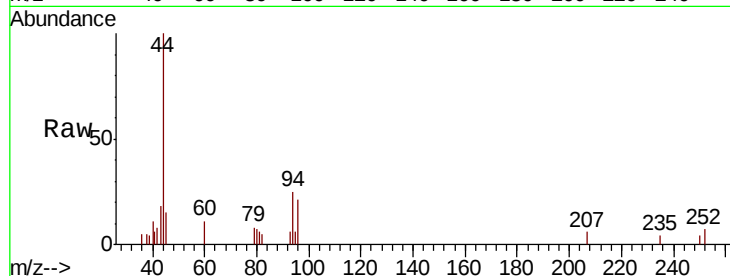
BFB

Tot Ion: 94 Resp: 2142

Ion Ratio Lower Upper

94 100

96 82.5 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

800

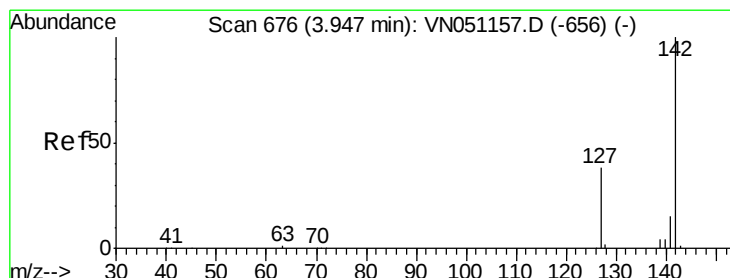
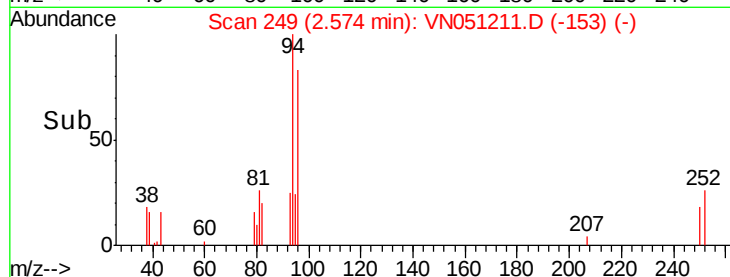
600

400

200

0

Time--> 2.50 2.55 2.60



#10

Methyl Iodide

Concen: 5.64 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.01 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

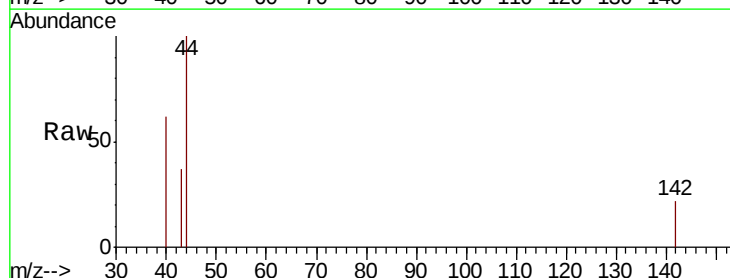
Tgt Ion: 142 Resp: 62

Ion Ratio Lower Upper

142 100

127 0.0 31.0 46.4#

141 0.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

200

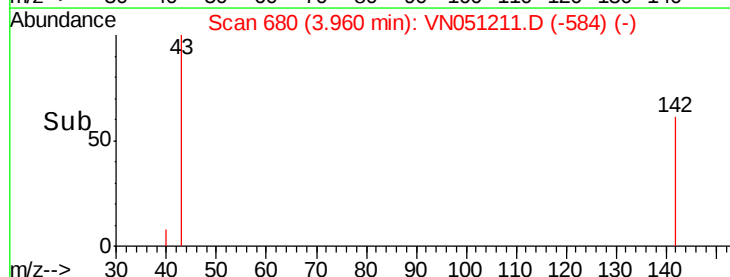
150

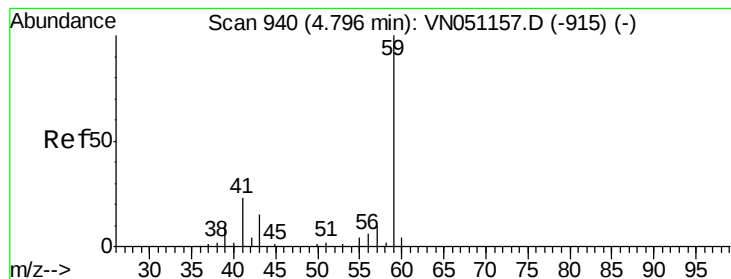
100

50

0

Time--> 3.95 3.96 3.97



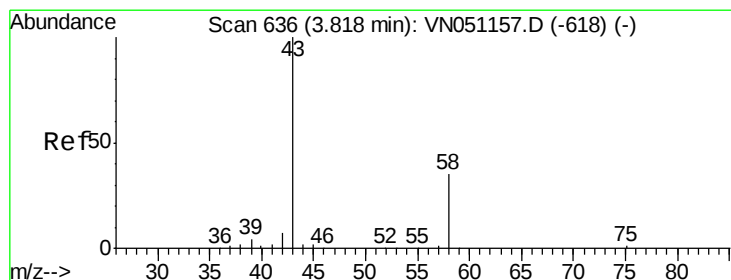
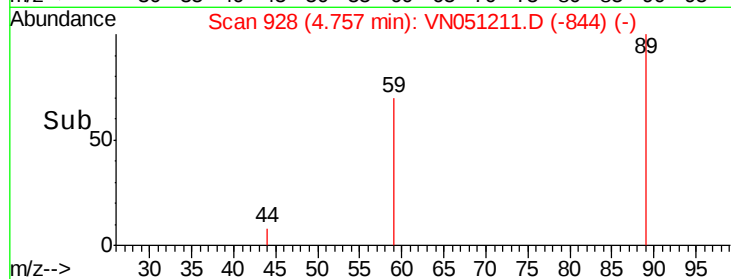
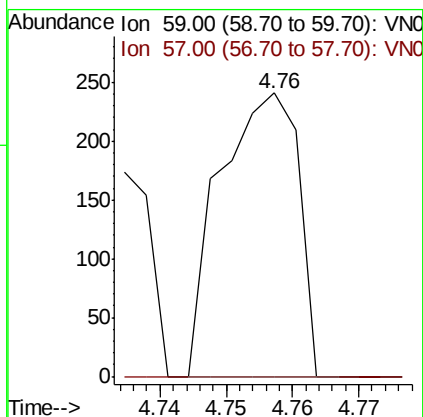
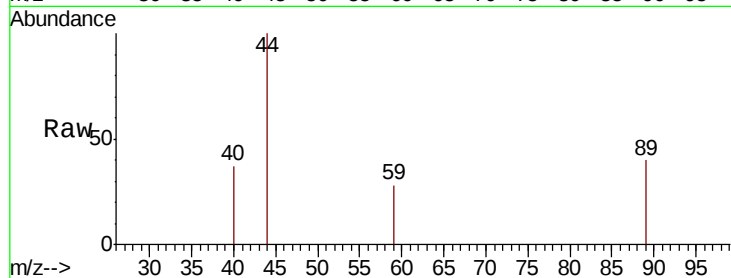


#11

Tert butyl alcohol
 Concen: 0.38 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. -0.03 min
 Lab File: VN051211.D
 Acq: 15 Sep 2018 00:36

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

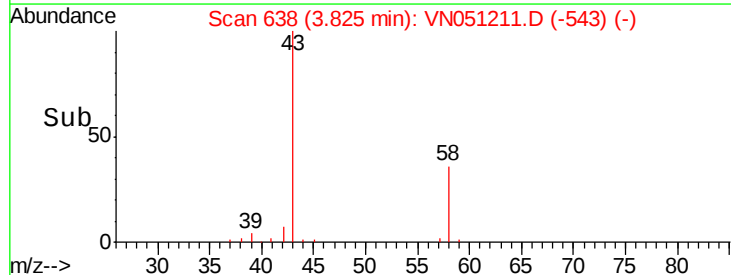
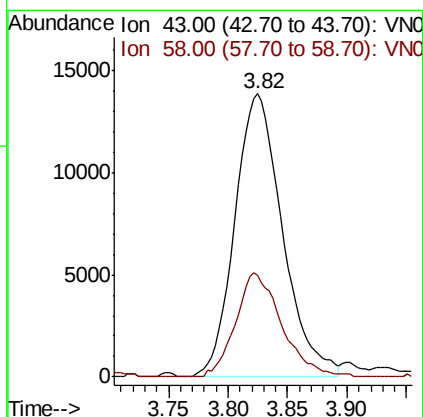
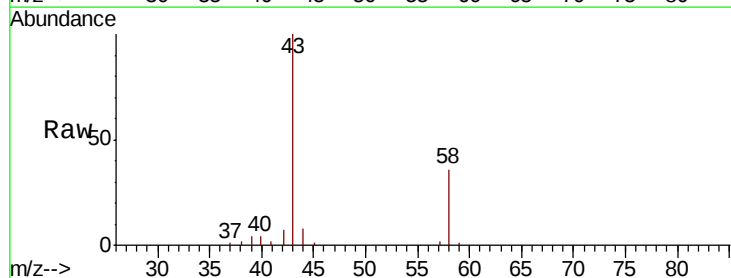
Tot Ion: 59 Resp: 198
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

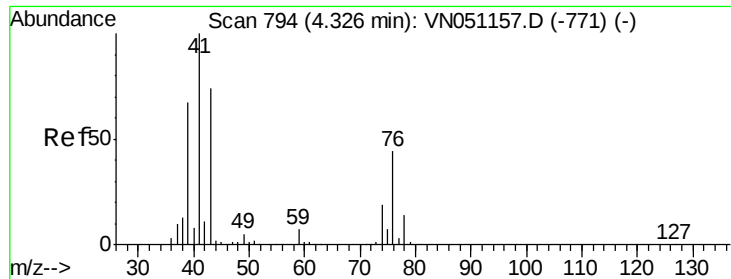


#16

Acetone
 Concen: 17.69 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VN051211.D
 Acq: 15 Sep 2018 00:36

Tgt Ion: 43 Resp: 38491
 Ion Ratio Lower Upper
 43 100
 58 35.8 27.8 41.6

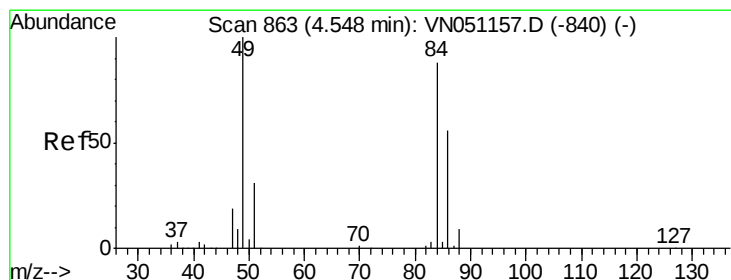
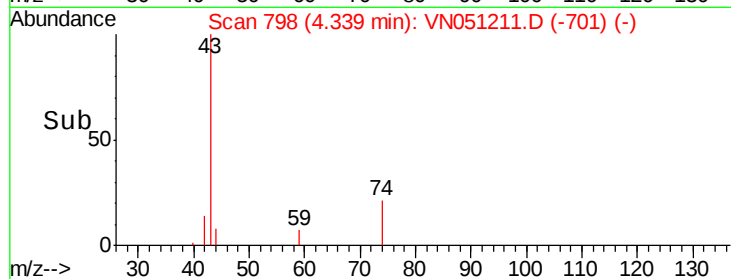
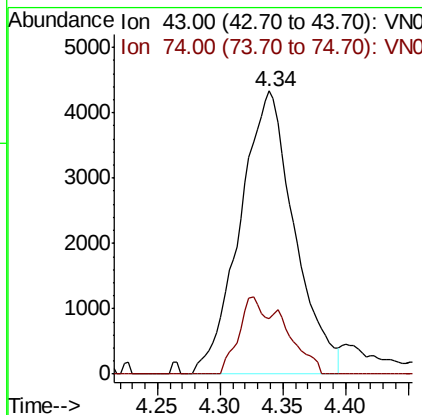
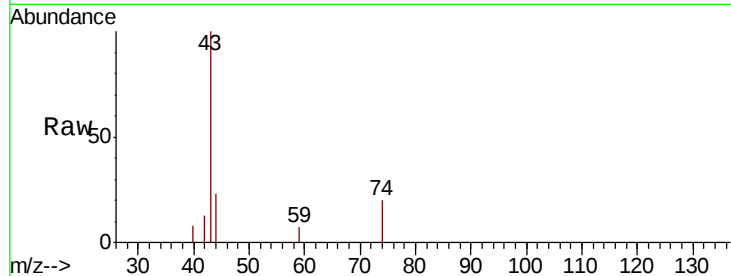




#18
Methyl Acetate
Concen: 2.42 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

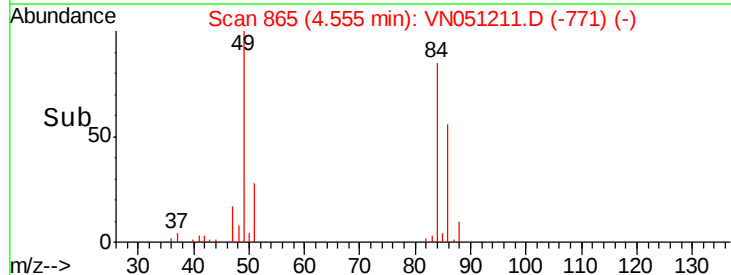
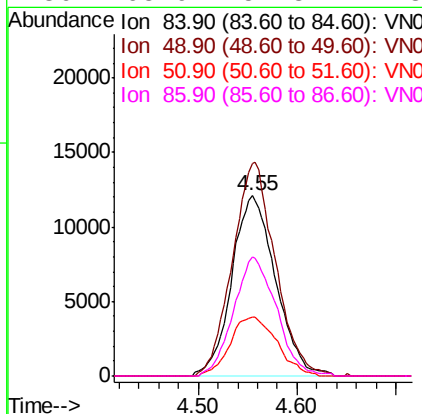
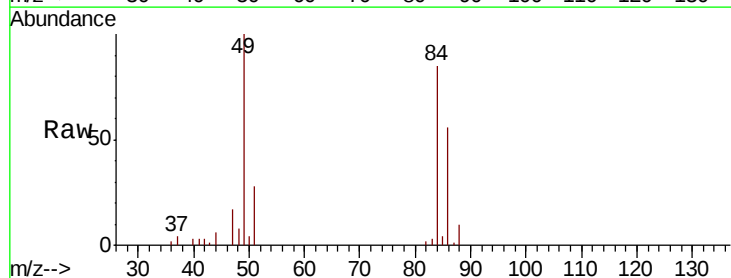
Instrument :
MSVOA_N
ClientSampled :
BFB

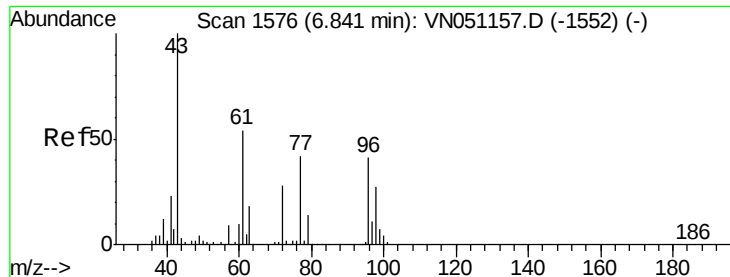
Tot Ion: 43 Resp: 13053
Ion Ratio Lower Upper
43 100
74 13.5 20.7 31.1#



#20
Methylene Chloride
Concen: 5.02 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

Tgt Ion: 84 Resp: 37311
Ion Ratio Lower Upper
84 100
49 117.7 90.2 135.2
51 32.9 28.4 42.6
86 65.9 51.8 77.8





#25

2-Butanone

Concen: 3.11 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampled :

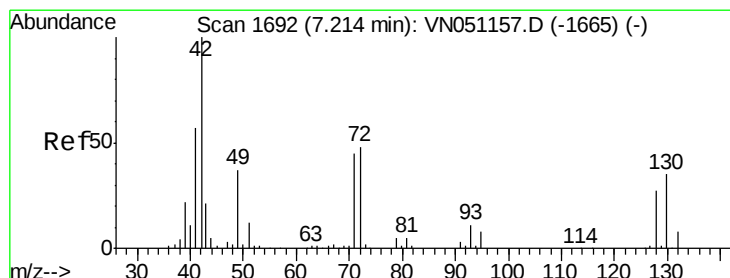
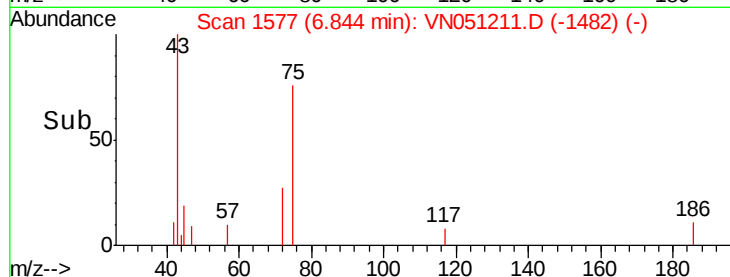
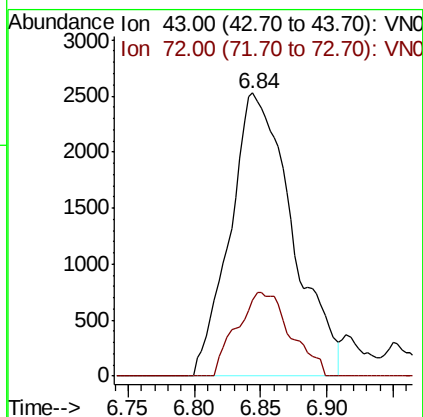
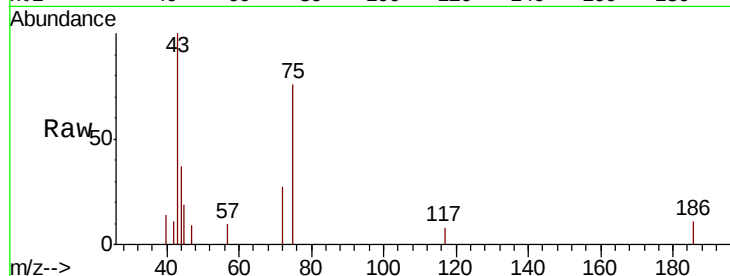
BFB

Tot Ion: 43 Resp: 8246

Ion Ratio Lower Upper

43 100

72 27.0 23.0 34.6



#29

Tetrahydrofuran

Concen: 0.62 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

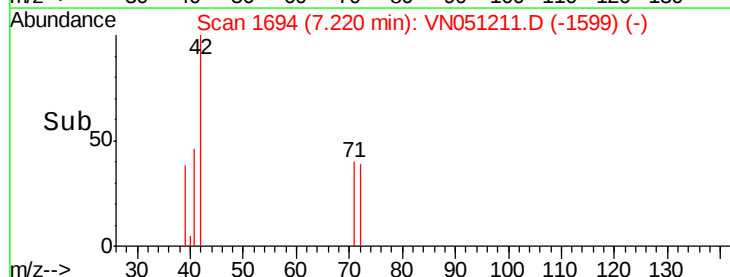
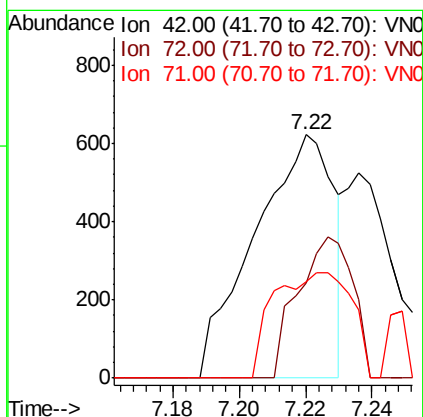
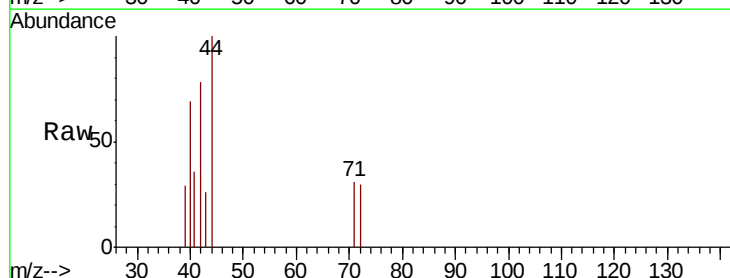
Tgt Ion: 42 Resp: 1033

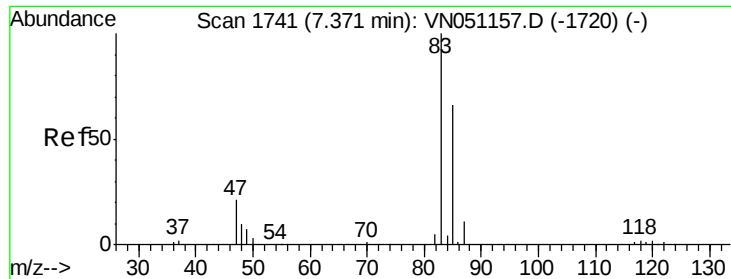
Ion Ratio Lower Upper

42 100

72 40.0 37.4 56.0

71 42.6 34.7 52.1

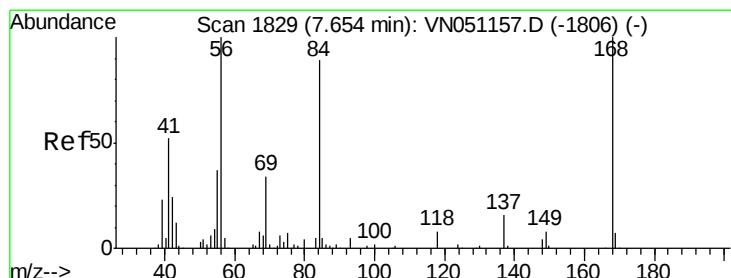
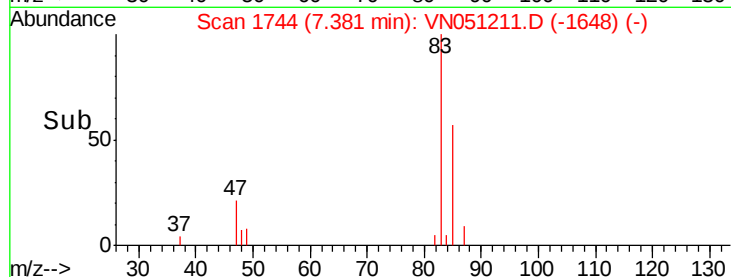
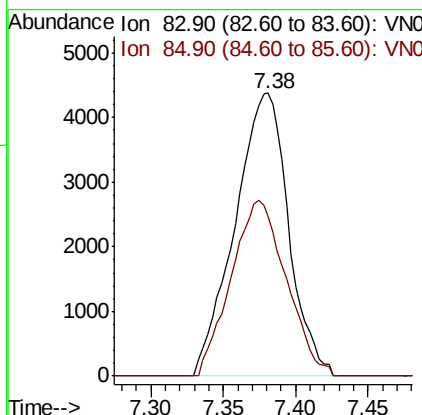
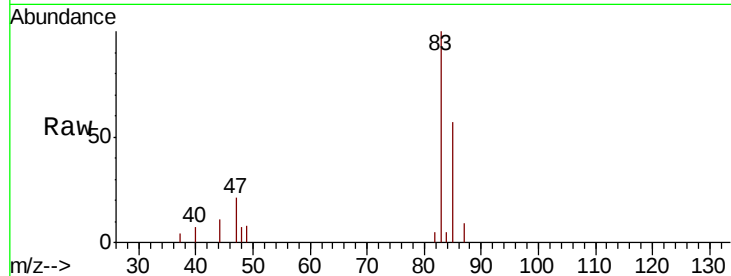




#30
Chloroform
Concen: 0.92 ug/l
RT: 7.38 min Scan# 1744
Delta R.T. 0.01 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

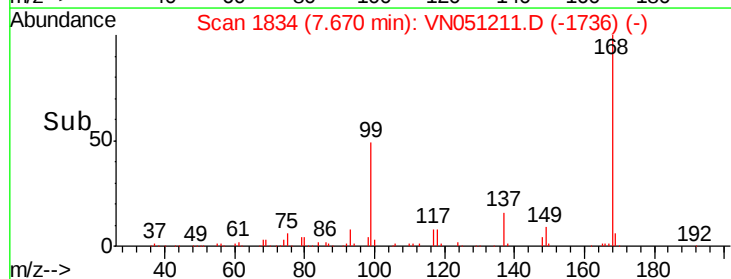
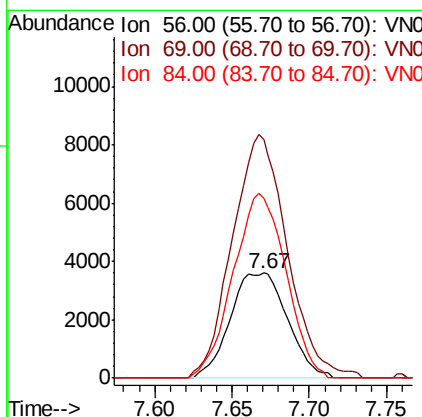
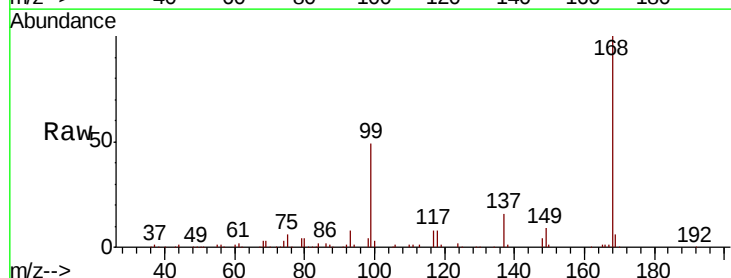
Instrument :
MSVOA_N
ClientSampleId :
BFB

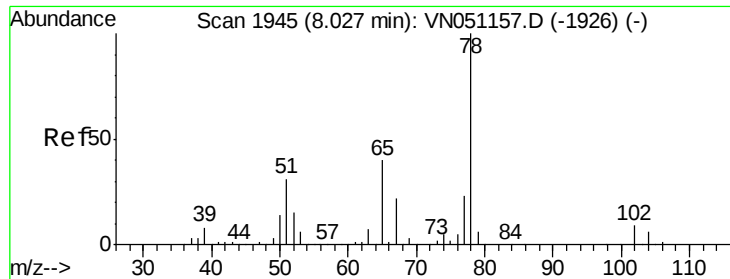
Tot Ion: 83 Resp: 11275
Ion Ratio Lower Upper
83 100
85 56.6 52.6 79.0



#31
Cyclohexane
Concen: 0.61 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

Tgt Ion: 56 Resp: 9267
Ion Ratio Lower Upper
56 100
69 226.7 26.3 39.5#
84 171.1 69.4 104.0#

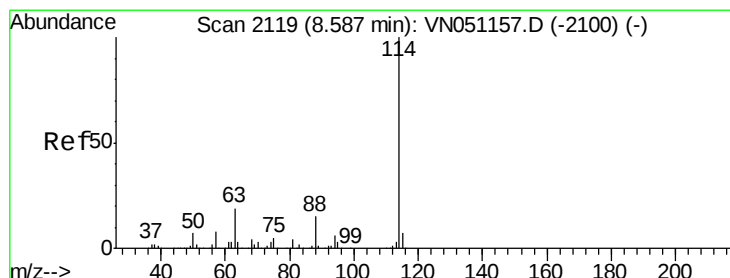
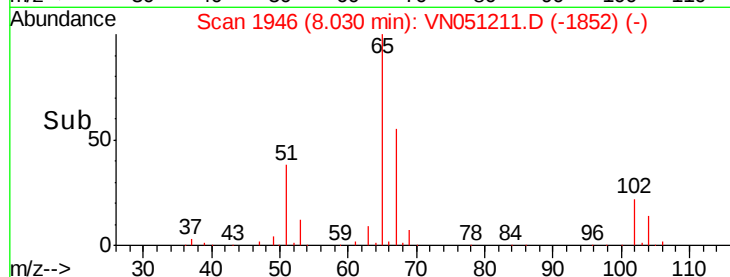
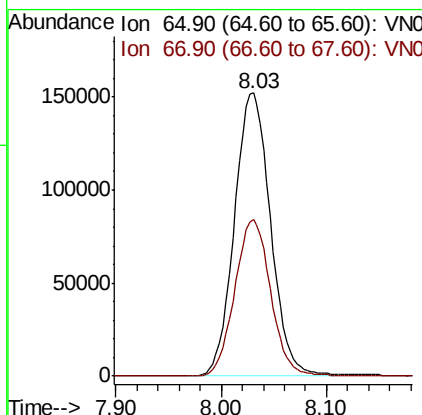
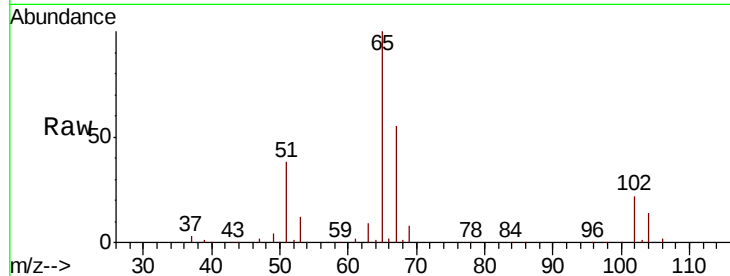




#33
 1,2-Dichloroethane-d4
 Concen: 53.77 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051211.D
 Acq: 15 Sep 2018 00:36

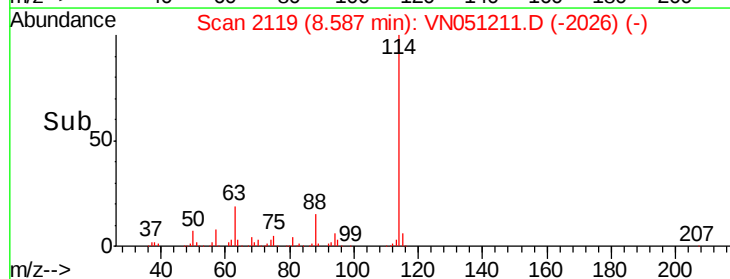
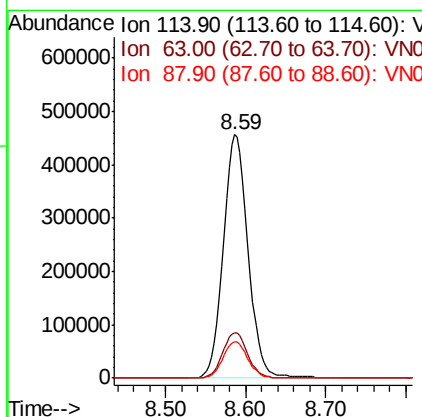
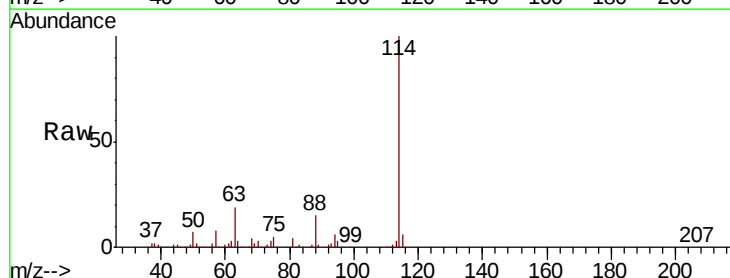
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

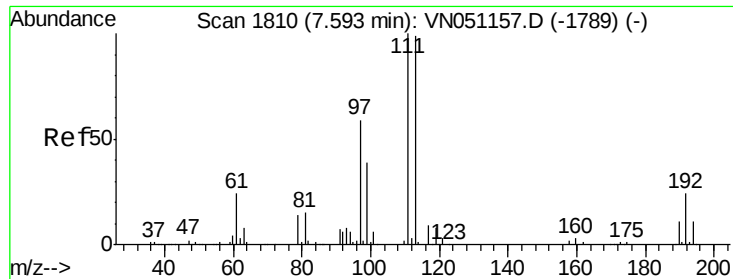
Tot Ion: 65 Resp: 362071
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051211.D
 Acq: 15 Sep 2018 00:36

Tgt Ion: 114 Resp: 971909
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.8
 88 14.9 0.0 30.8

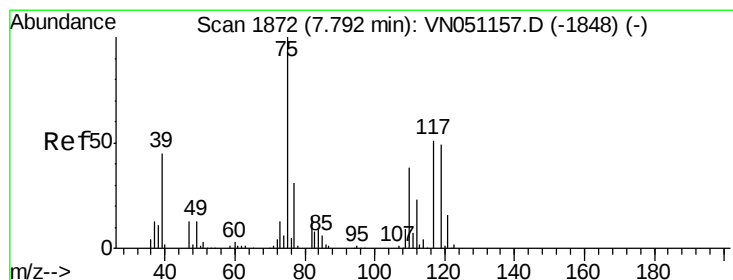
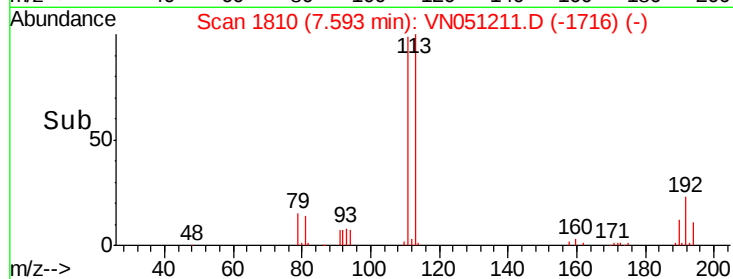
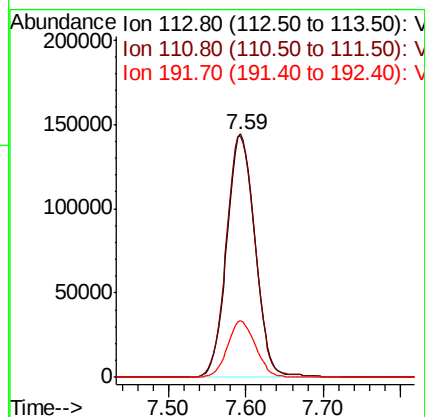
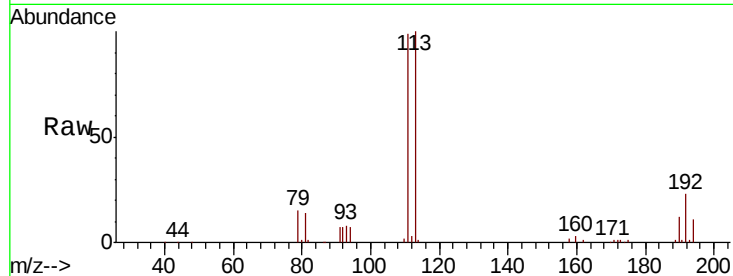




#35
 Dibromofluoromethane
 Concen: 50.09 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051211.D
 Acq: 15 Sep 2018 00:36

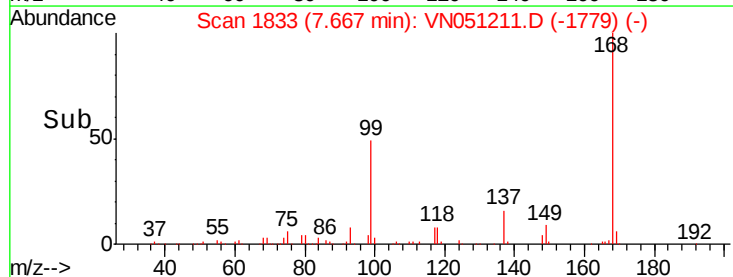
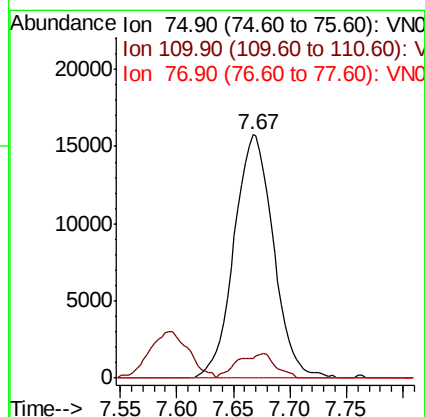
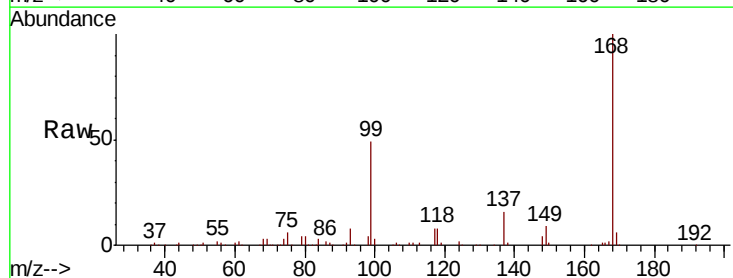
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

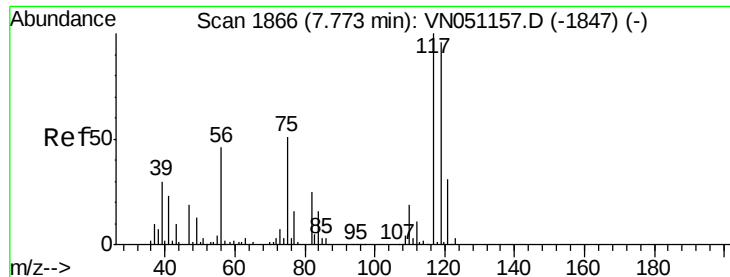
Tot Ion:113 Resp: 365808
 Ion Ratio Lower Upper
 113 100
 111 100.7 83.0 124.6
 192 22.9 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 3.58 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051211.D
 Acq: 15 Sep 2018 00:36

Tgt Ion: 75 Resp: 38195
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.6 55.8#
 77 0.0 25.2 37.8#

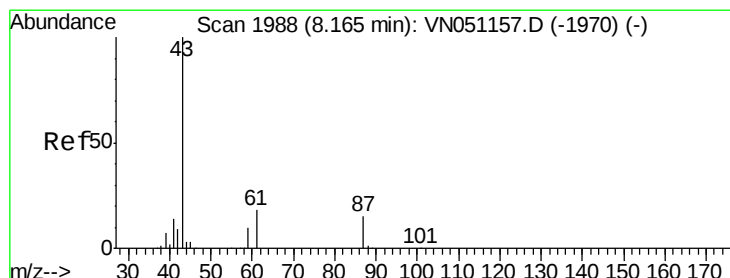
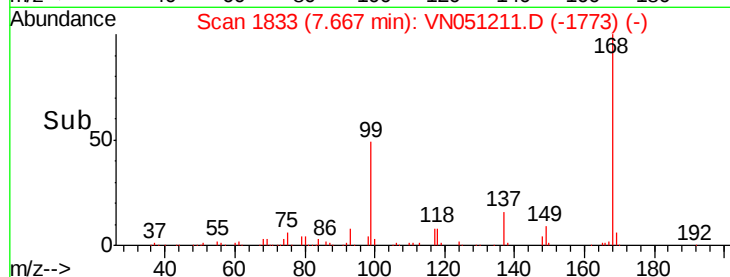
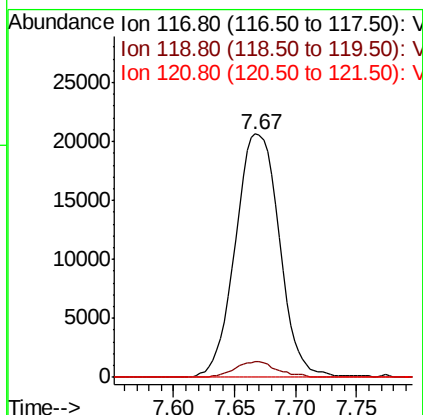
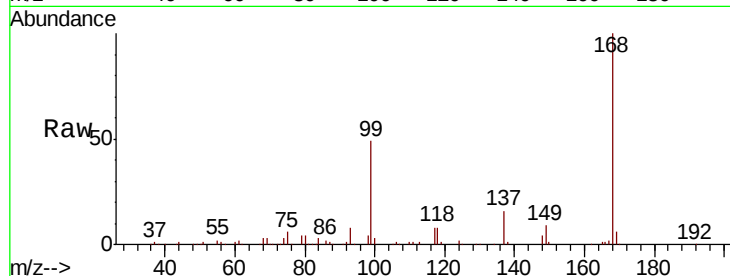




#38
Carbon Tetrachloride
Concen: 4.91 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

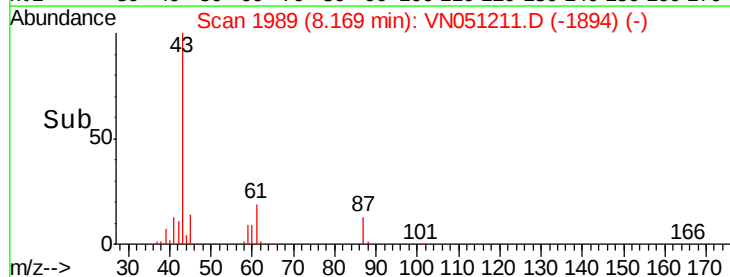
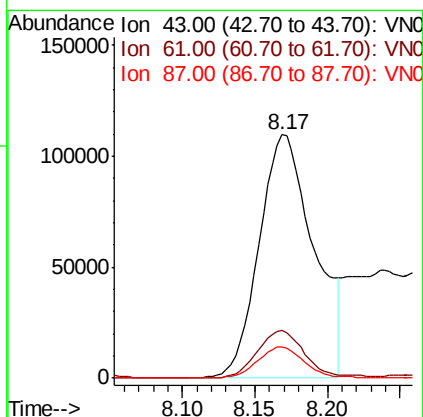
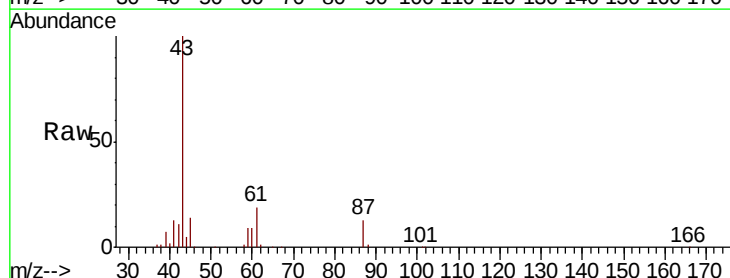
Instrument :
MSVOA_N
ClientSampled :
BFB

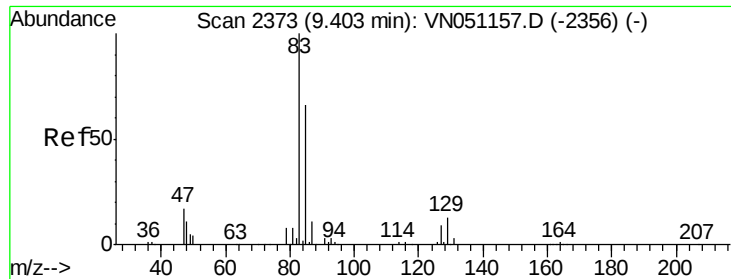
Tot Ion:117 Resp: 51606
Ion Ratio Lower Upper
117 100
119 6.6 76.8 115.2#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 26.51 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

Tgt Ion: 43 Resp: 289089
Ion Ratio Lower Upper
43 100
61 17.1 25.0 37.6#
87 10.9 11.8 17.8#





#47

Bromodichloromethane

Concen: 0.33 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

BFB

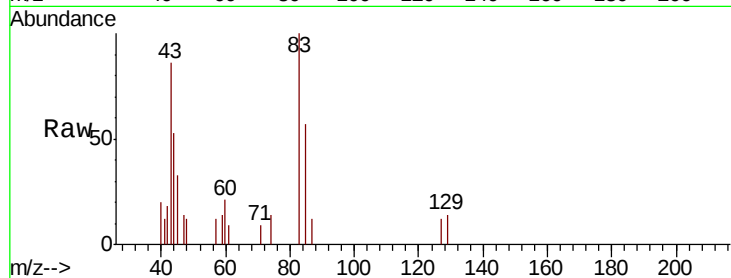
Tot Ion: 83 Resp: 3443

Ion Ratio Lower Upper

83 100

85 57.0 52.3 78.5

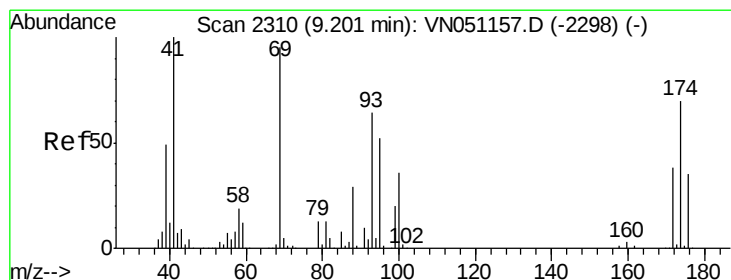
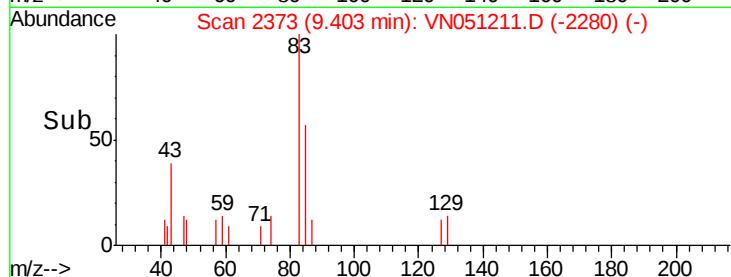
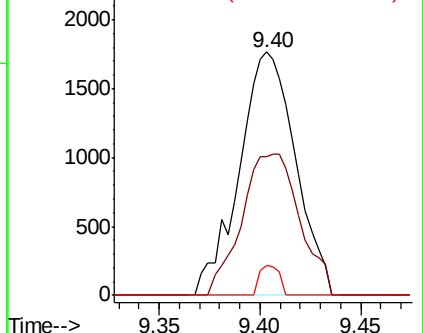
127 12.4 7.5 11.3#



Abundance Ion 82.90 (82.60 to 83.60): VN051157.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN051157.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN051157.D (-2356) (-)



#48

Methyl methacrylate

Concen: 1.10 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.01 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

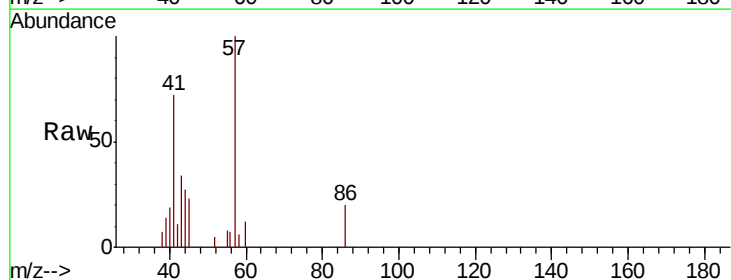
Tgt Ion: 41 Resp: 5864

Ion Ratio Lower Upper

41 100

69 0.0 77.7 116.5#

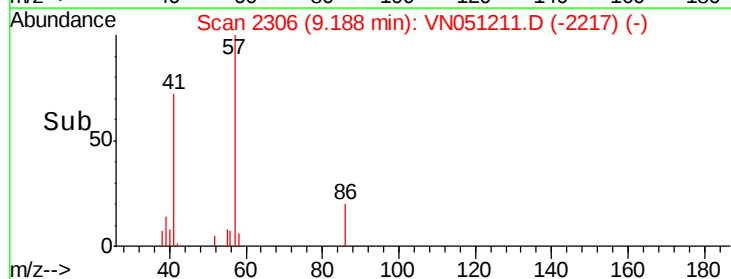
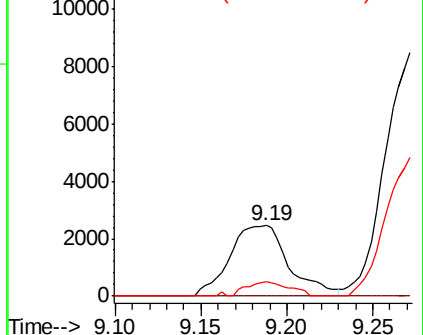
39 14.6 41.6 62.4#

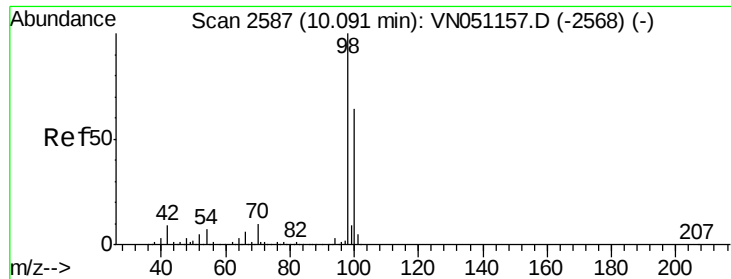


Abundance Ion 41.00 (40.70 to 41.70): VN051157.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN051157.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN051157.D (-2298) (-)





#50

Toluene-d8

Concen: 46.51 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampled :

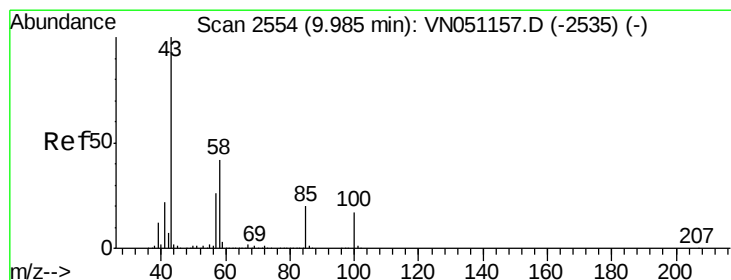
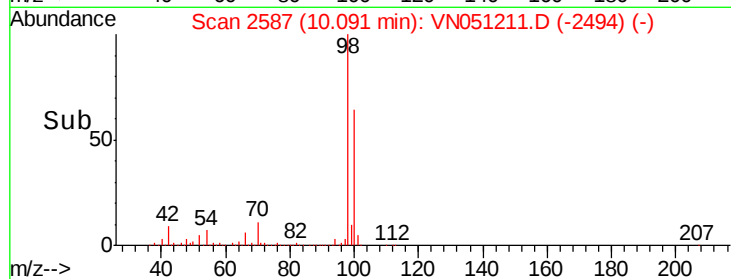
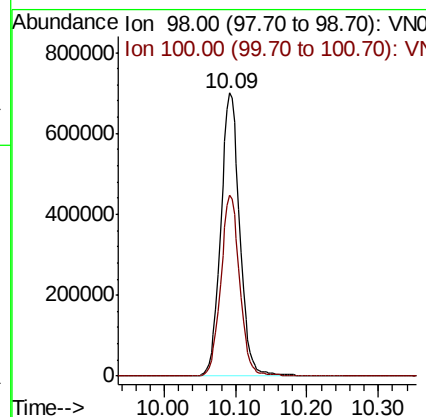
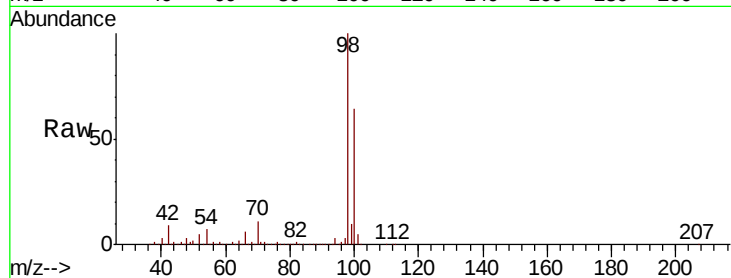
BFB

Tot Ion: 98 Resp: 1288959

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.47 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051211.D

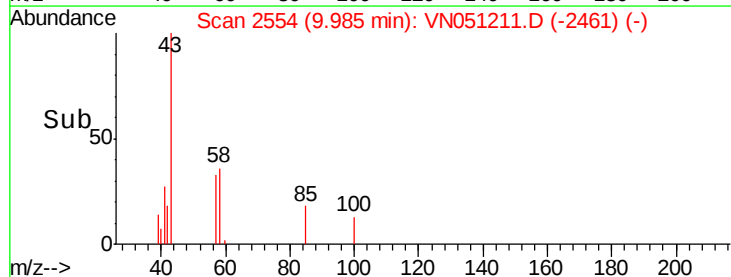
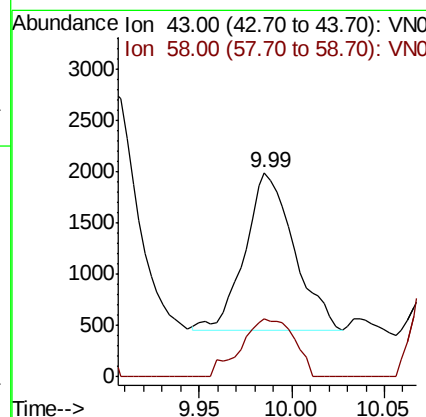
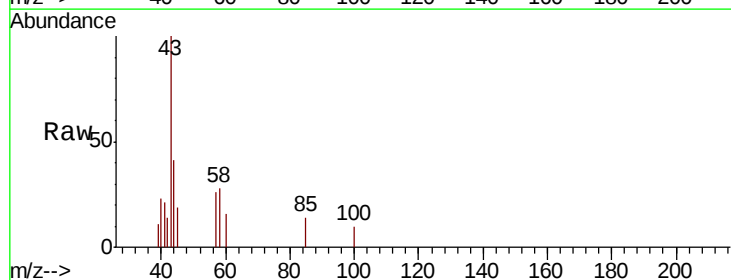
Acq: 15 Sep 2018 00:36

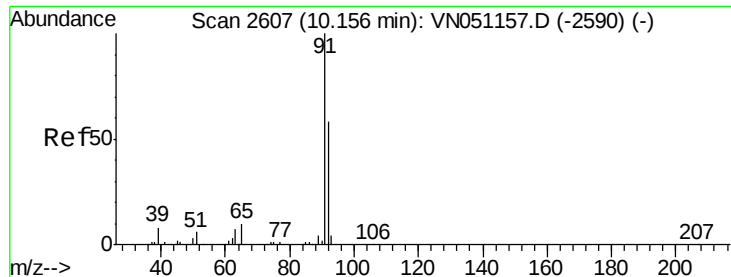
Tgt Ion: 43 Resp: 2838

Ion Ratio Lower Upper

43 100

58 39.7 33.5 50.3





#52

Toluene

Concen: 0.22 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

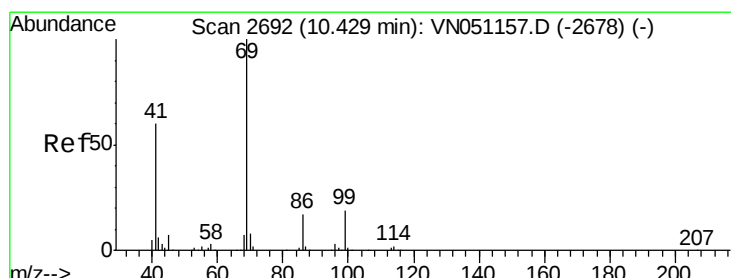
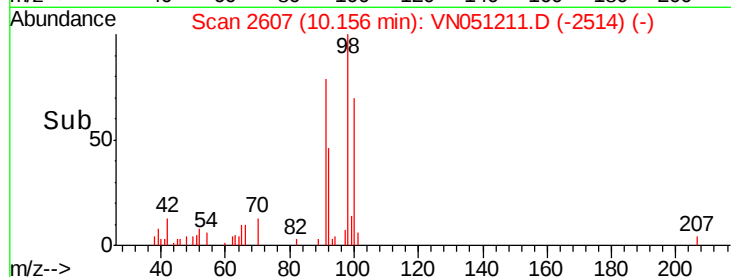
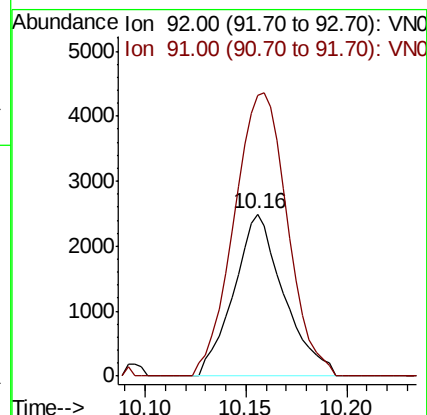
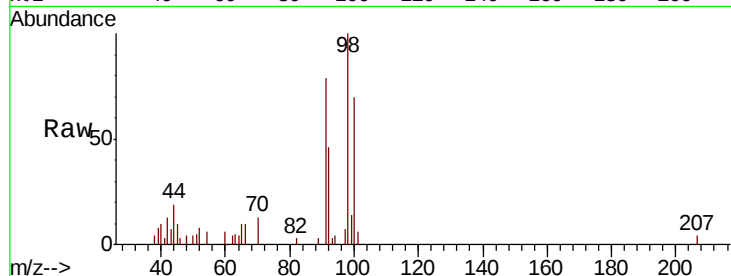
BFB

Tot Ion: 92 Resp: 4329

Ion Ratio Lower Upper

92 100

91 185.8 139.5 209.3



#56

Ethyl methacrylate

Concen: 2.63 ug/l

RT: 10.23 min Scan# 2629

Delta R.T. -0.20 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

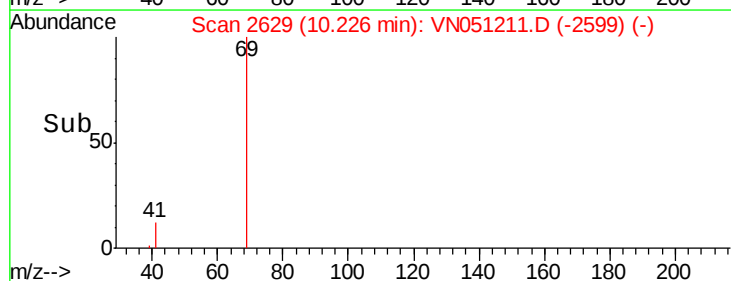
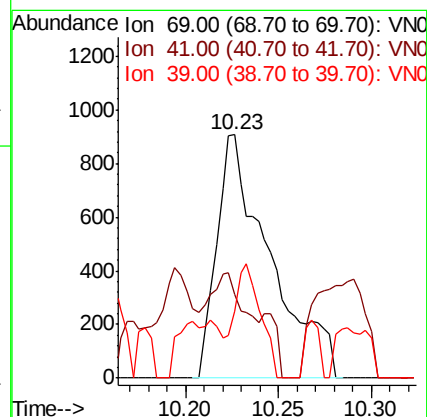
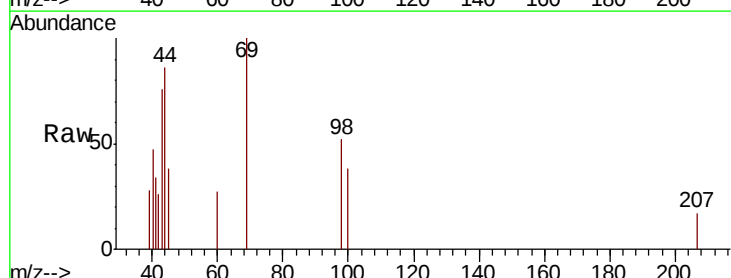
Tgt Ion: 69 Resp: 1808

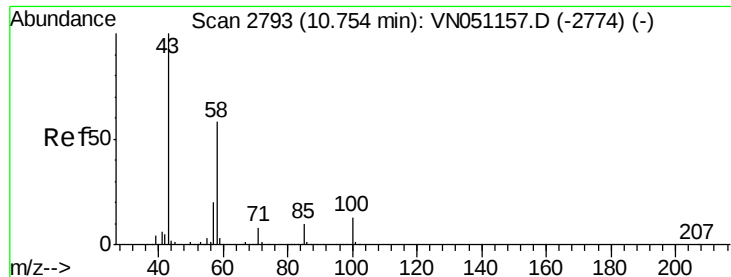
Ion Ratio Lower Upper

69 100

41 13.1 47.8 71.8#

39 23.3 23.0 34.4





#59

2-Hexanone

Concen: 3.10 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.02 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

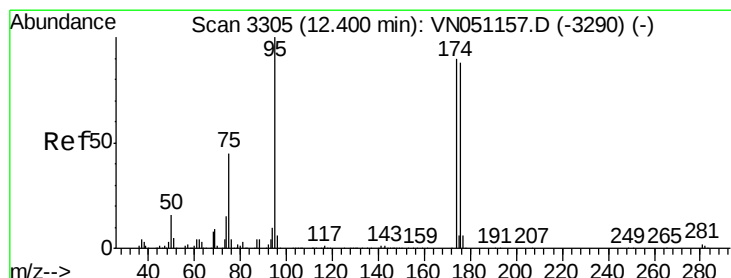
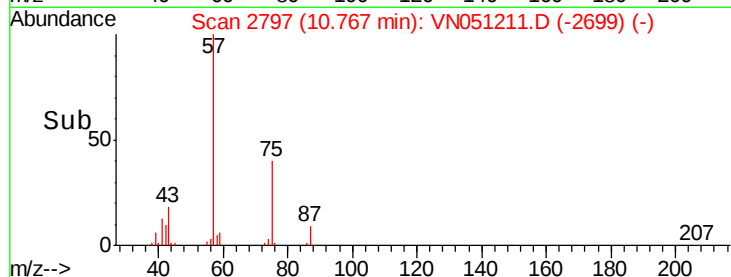
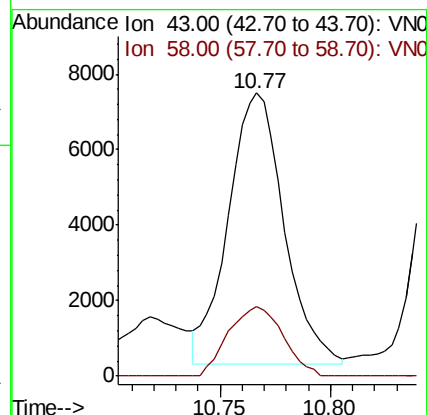
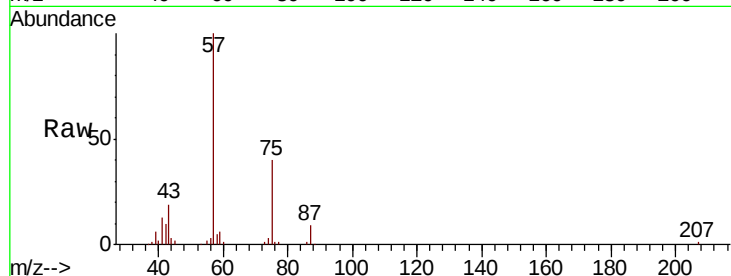
BFB

Tot Ion: 43 Resp: 12686

Ion Ratio Lower Upper

43 100

58 25.0 29.3 88.0#



#62

4-Bromofluorobenzene

Concen: 37.82 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

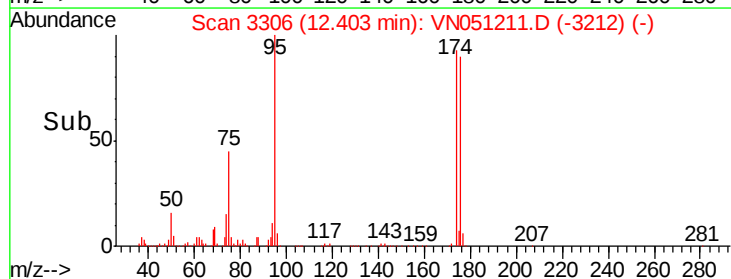
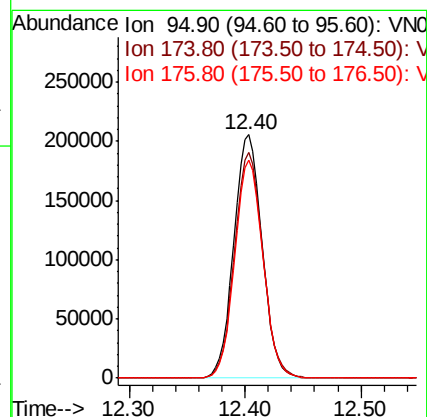
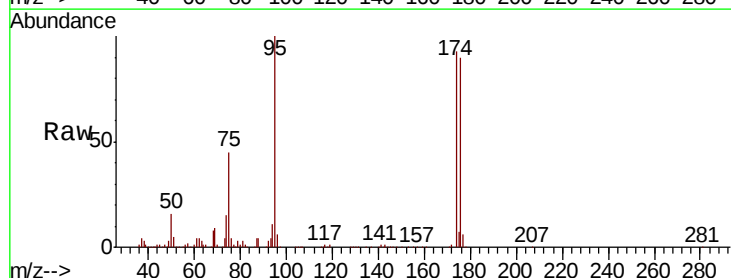
Tgt Ion: 95 Resp: 346722

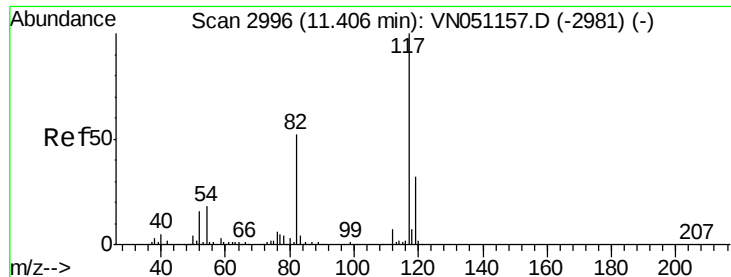
Ion Ratio Lower Upper

95 100

174 93.0 0.0 184.8

176 89.3 0.0 178.6

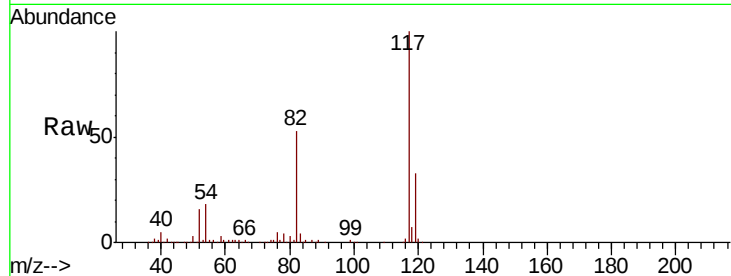




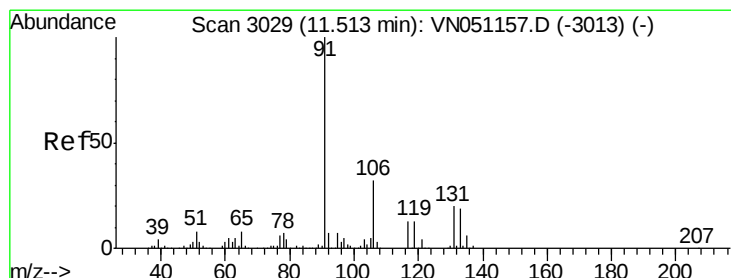
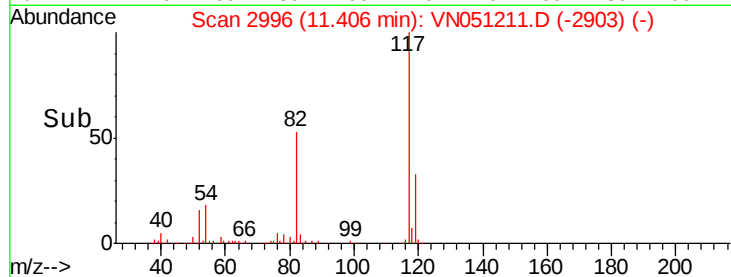
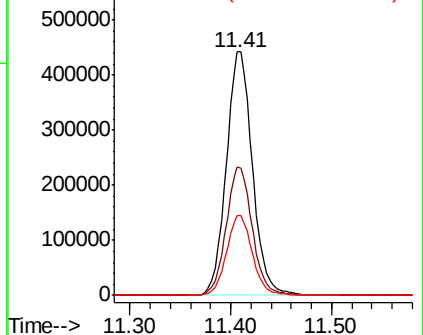
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.6
119	32.6	26.2	39.2

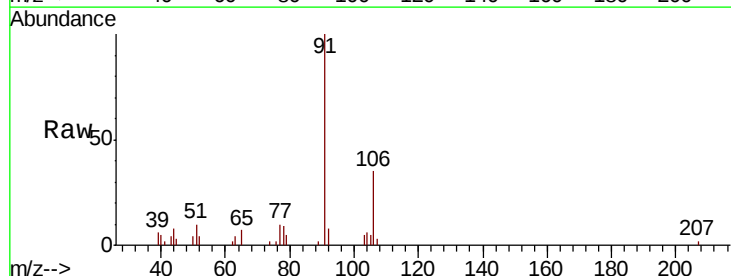


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

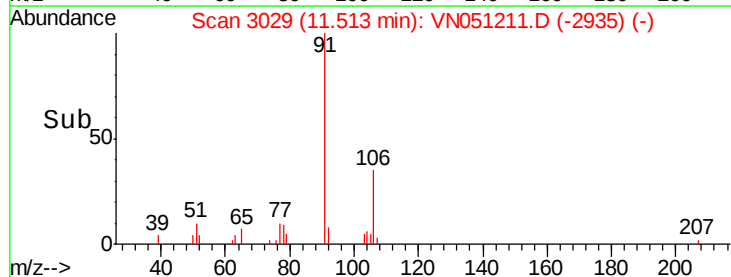
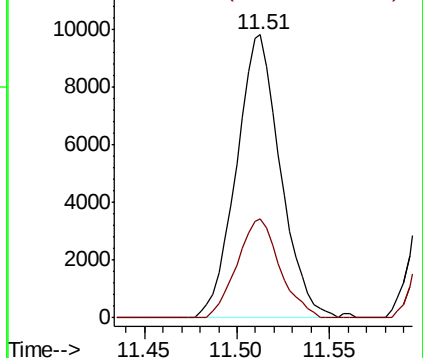


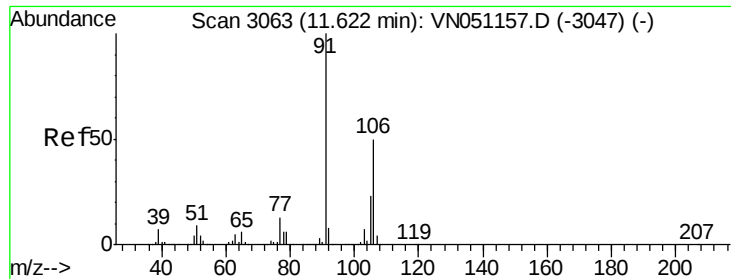
#67
Ethyl Benzene
Concen: 0.50 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

Tgt Ion	Ratio	Lower	Upper
91	100		
106	35.1	25.4	38.2



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

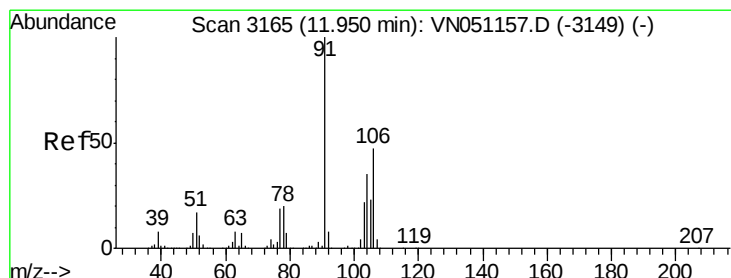
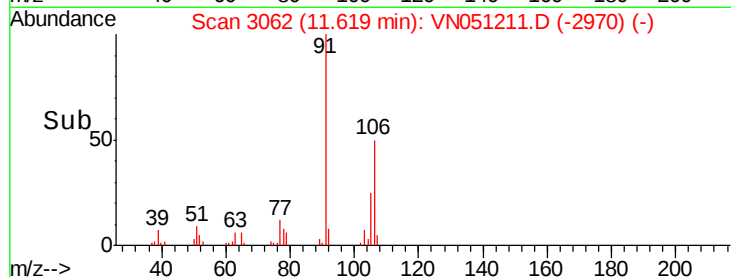
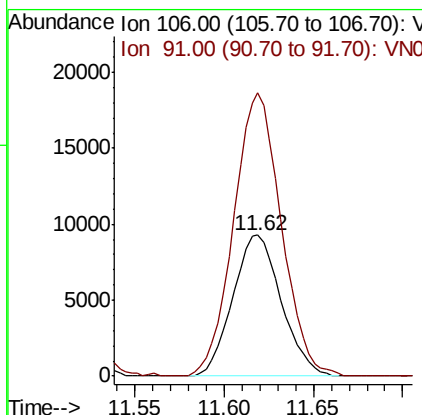
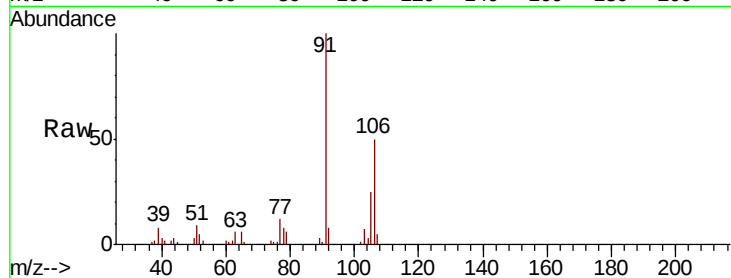




#68
m/p-Xylenes
Concen: 1.40 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

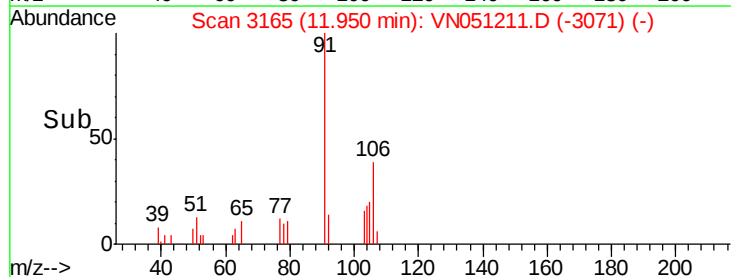
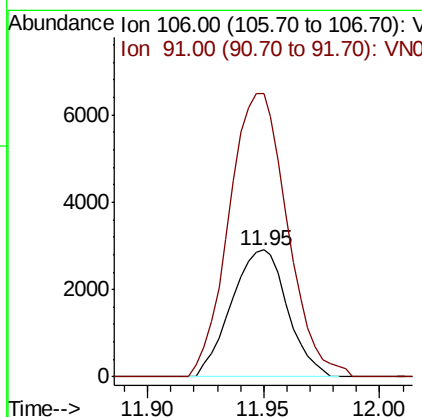
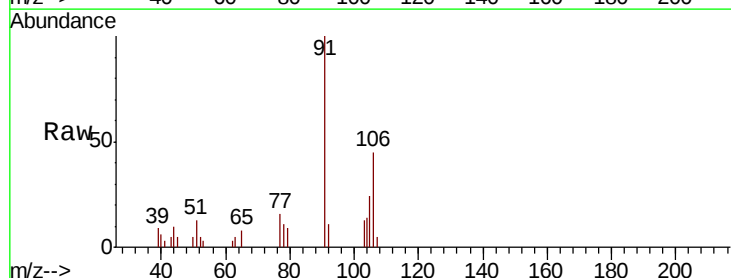
Instrument :
MSVOA_N
ClientSampled :
BFB

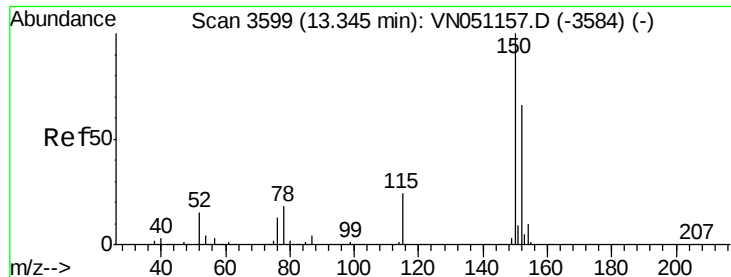
Tot Ion:106 Resp: 17501
Ion Ratio Lower Upper
106 100
91 198.0 159.8 239.6



#69
o-Xylene
Concen: 0.40 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051211.D
Acq: 15 Sep 2018 00:36

Tgt Ion:106 Resp: 4867
Ion Ratio Lower Upper
106 100
91 232.4 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

BFB

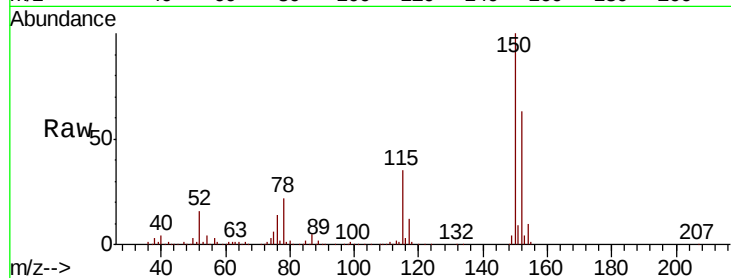
Tot Ion:152 Resp: 270274

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

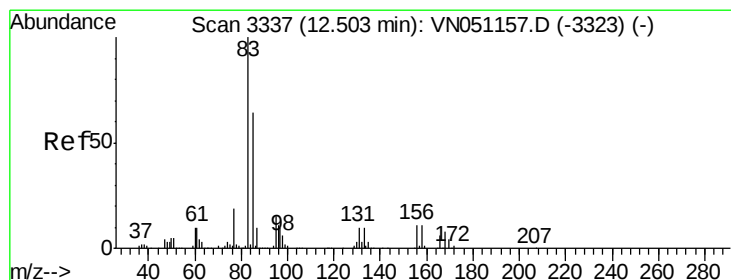
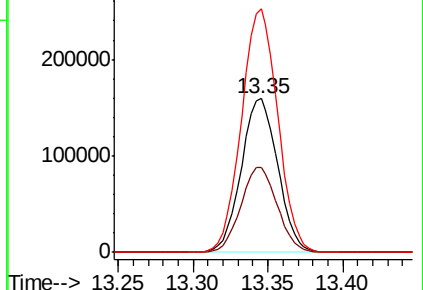
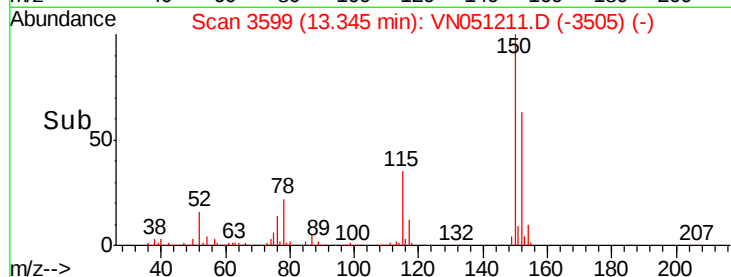
150 157.6 0.0 349.0



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

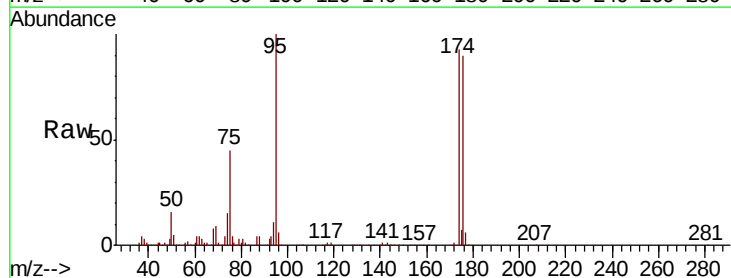
Tgt Ion: 83 Resp: 148

Ion Ratio Lower Upper

83 100

131 187.8 5.3 16.1#

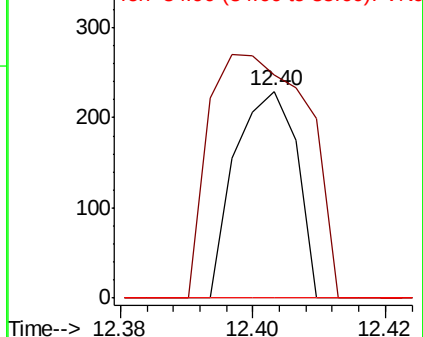
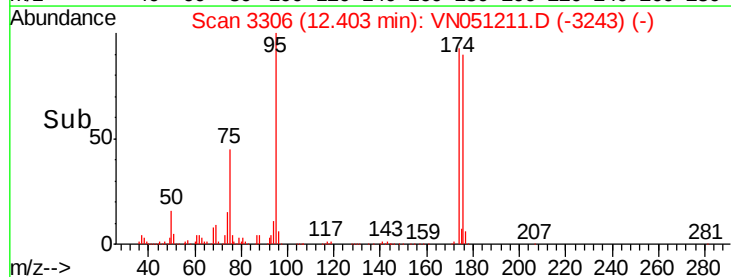
85 0.0 32.3 96.8#

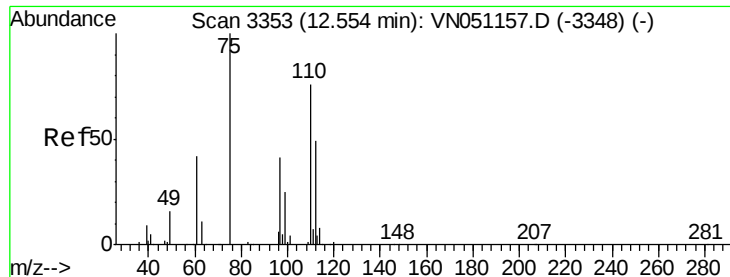


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 37.33 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampled :

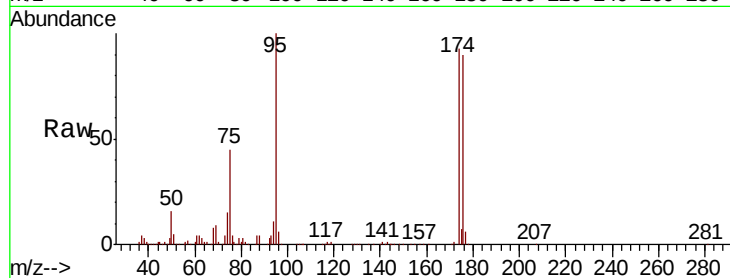
BFB

Tot Ion: 75 Resp: 158009

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051157.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051157.D (-3348) (-)

12.40

100000

80000

60000

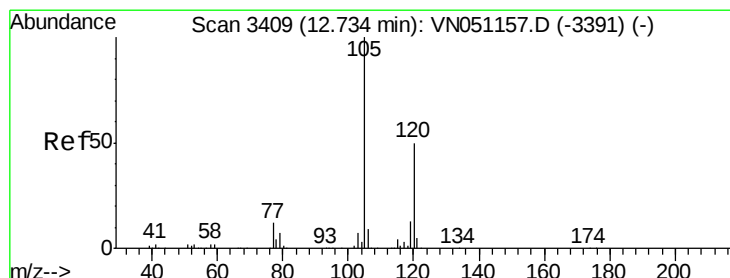
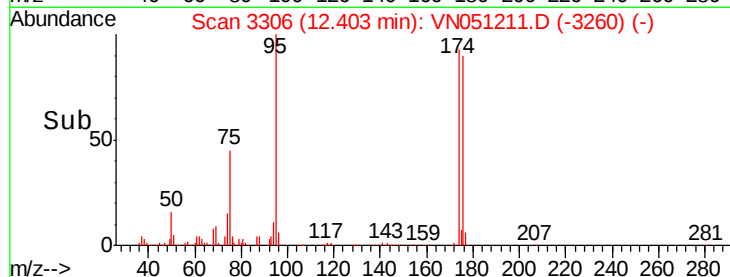
40000

20000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.37 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051211.D

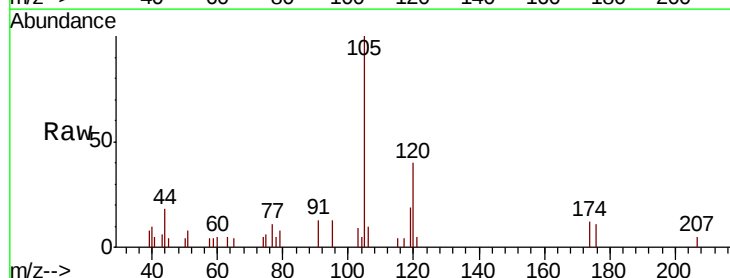
Acq: 15 Sep 2018 00:36

Tgt Ion: 105 Resp: 6742

Ion Ratio Lower Upper

105 100

120 41.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051157.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051157.D (-3391) (-)

12.73

5000

4000

3000

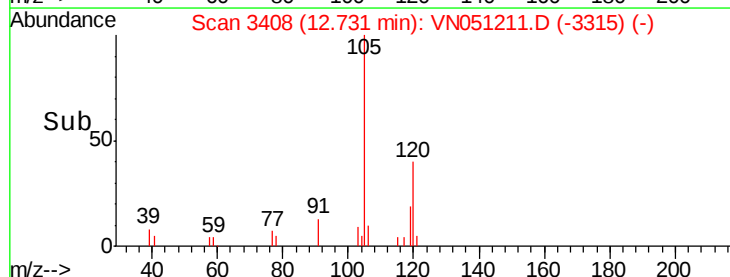
2000

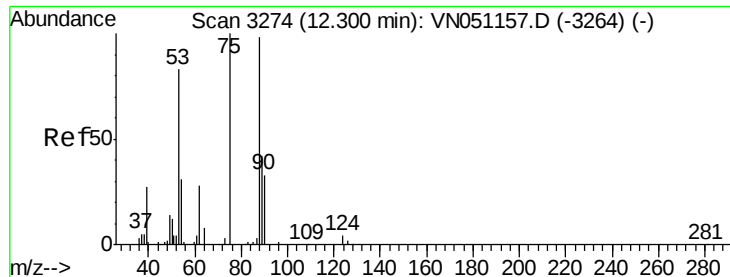
1000

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 111.03 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

BFB

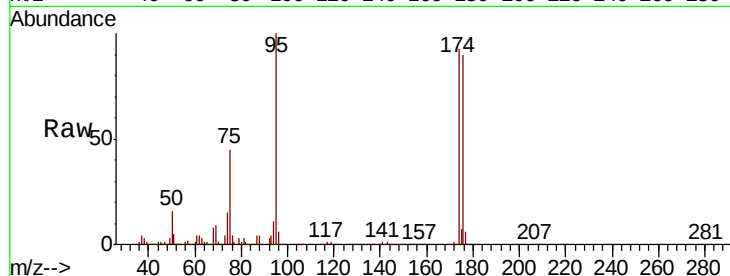
Tot Ion: 75 Resp: 158009

Ion Ratio Lower Upper

75 100

53 0.1 67.8 101.8#

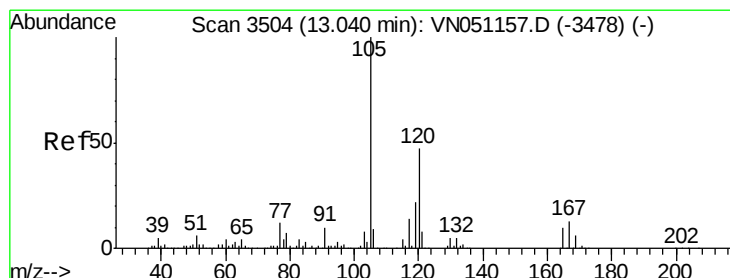
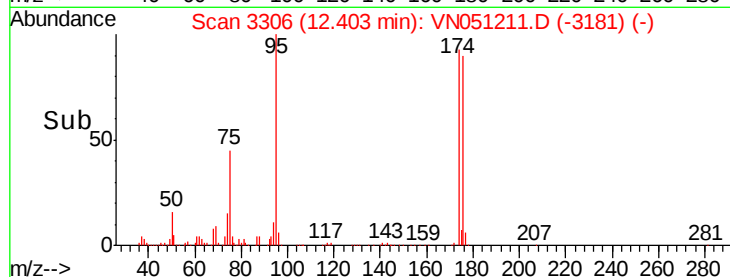
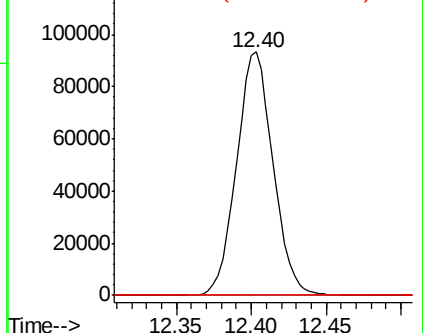
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.88 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051211.D

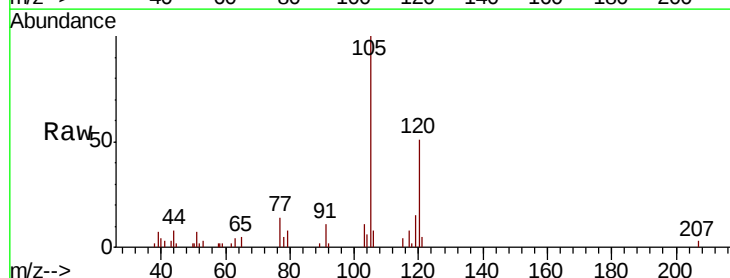
Acq: 15 Sep 2018 00:36

Tgt Ion: 105 Resp: 15816

Ion Ratio Lower Upper

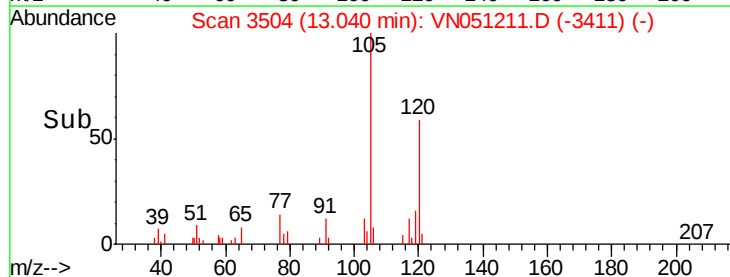
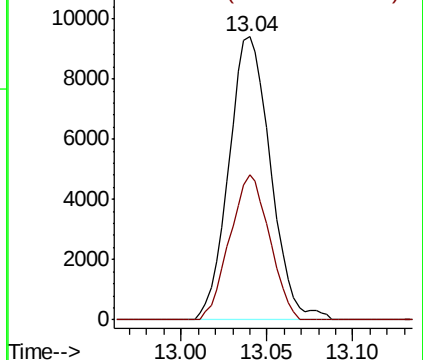
105 100

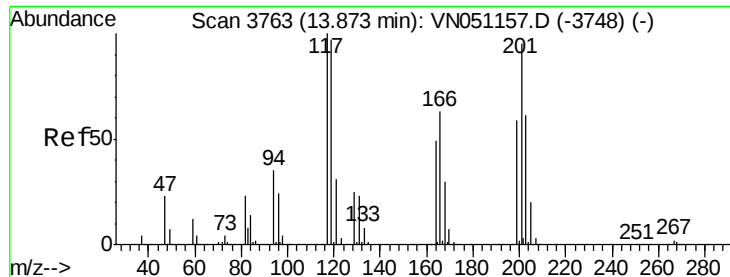
120 48.8 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampled :

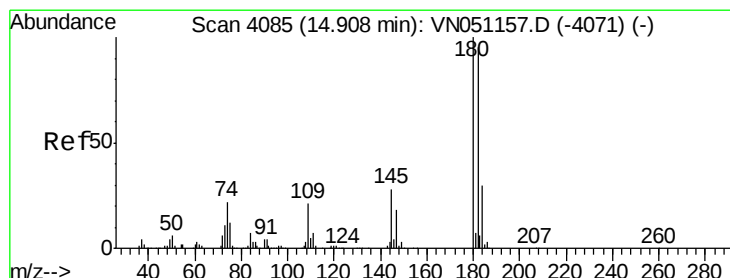
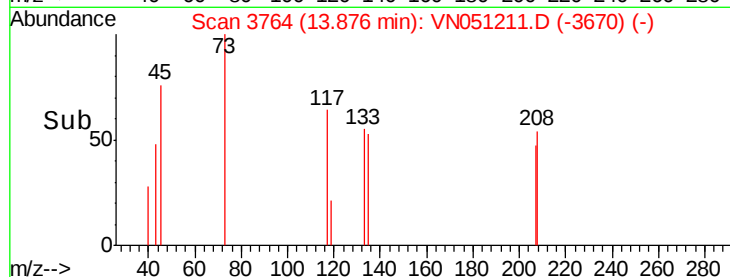
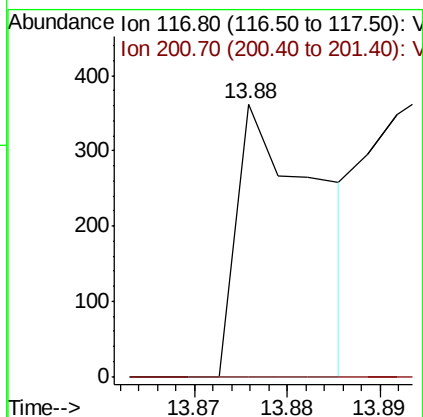
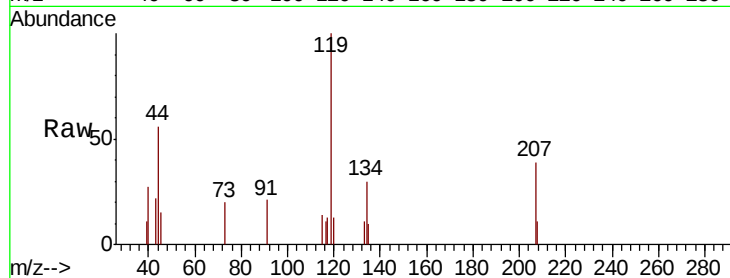
BFB

Tot Ion:117 Resp: 222

Ion Ratio Lower Upper

117 100

201 0.0 47.3 142.0#



#93

1,2,4-Trichlorobenzene

Concen: 4.00 ug/l

RT: 14.90 min Scan# 4083

Delta R.T. -0.01 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

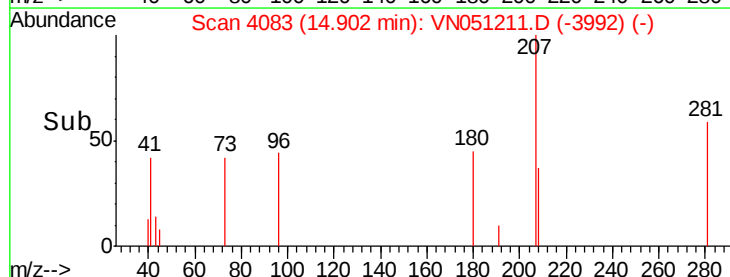
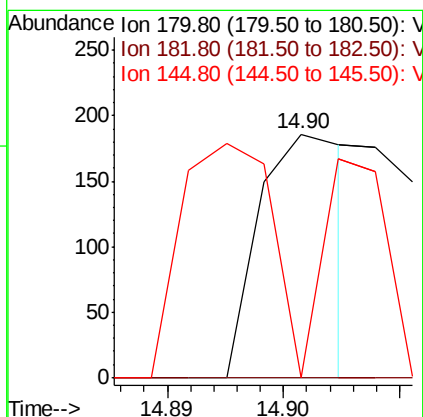
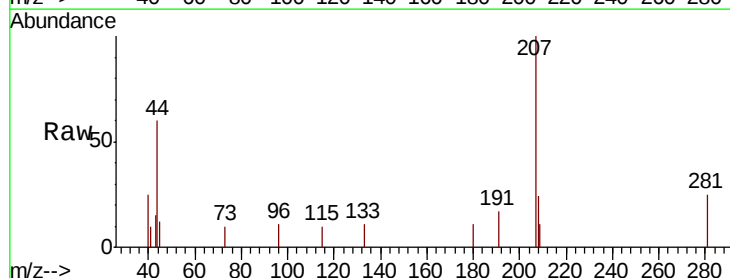
Tgt Ion:180 Resp: 99

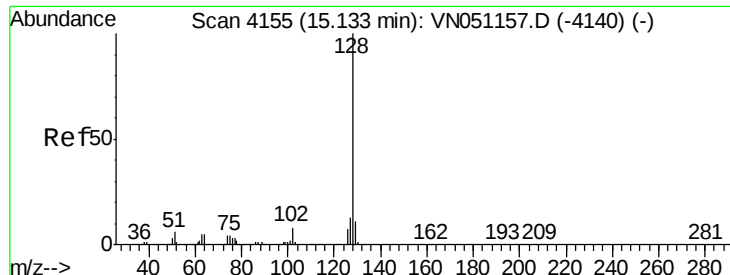
Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.8#

145 62.6 14.2 42.6#





#95

Naphthalene

Concen: 8.91 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051211.D

Acq: 15 Sep 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

BFB

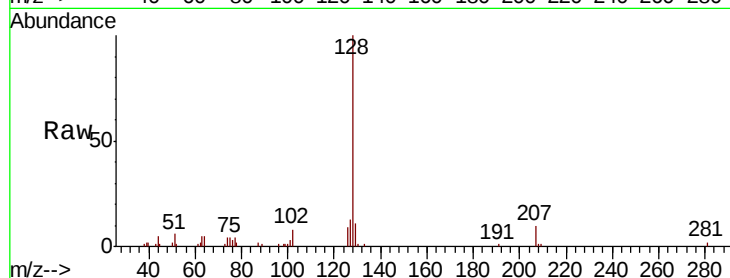
Tot Ion:128 Resp: 40598

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 10.6 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

