

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053698.D
 Acq On : 11 Feb 2019 12:19
 Operator : JC/SP
 Sample : K1423-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HB-VJ210

Quant Time: Feb 11 22:07:39 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	738416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1211929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1112886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	463781	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	386163	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	7.59	113	385464	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.09	98	1468724	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.40	95	488954	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109	0.351	ug/l #	42
11) Tert butyl alcohol	4.79	59	195	0.445	ug/l #	72
14) Allyl chloride	4.55	41	38573	3.543	ug/l #	27
16) Acetone	3.82	43	23534	12.386	ug/l	97
18) Methyl Acetate	4.33	43	3141	0.558	ug/l #	64
20) Methylene Chloride	4.55	84	1049201	131.616	ug/l	99
25) 2-Butanone	6.85	43	3609	1.332	ug/l #	79
29) Tetrahydrofuran	7.22	42	968	0.556	ug/l #	54
31) Cyclohexane	7.66	56	11542	0.754	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42285	3.871	ug/l #	49
37) Ethyl Acetate	6.85	43	3609	0.591	ug/l #	67
38) Carbon Tetrachloride	7.67	117	59271	5.386	ug/l #	16
43) Isopropyl Acetate	8.17	43	24333	2.065	ug/l #	87
48) Methyl methacrylate	9.18	41	9837	1.749	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	7629	1.318	ug/l #	75
52) Toluene	10.16	92	58640	2.933	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	64227	5.012	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	10559	0.858	ug/l #	43
59) 2-Hexanone	10.76	43	138581	35.254	ug/l #	51
67) Ethyl Benzene	11.51	91	62067	1.598	ug/l	100
68) m/p-Xylenes	11.62	106	100675	6.793	ug/l	100
69) o-Xylene	11.95	106	41405	2.892	ug/l	98
73) Isopropylbenzene	12.25	105	6867	0.211	ug/l	96
76) 1,2,3-Trichloropropane	12.40	75	225114	37.790	ug/l #	100
78) n-propylbenzene	12.59	91	33015	0.876	ug/l	97
79) 2-Chlorotoluene	12.65	91	14447	0.646	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	67435	2.494	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	225114	106.262	ug/l #	15
82) 4-Chlorotoluene	12.73	91	5755	0.251	ug/l #	39
83) tert-Butylbenzene	13.04	119	28159	1.178	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.04	105	216305	7.853	ug/l	99
85) sec-Butylbenzene	13.04	105	216305	6.652	ug/l #	56
90) Hexachloroethane	13.89	117	2679	0.571	ug/l #	3
95) Naphthalene	15.13	128	53726	4.282	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
Data File : VN053698.D
Acq On : 11 Feb 2019 12:19
Operator : JC/SP
Sample : K1423-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HB-VJ210

Quant Time: Feb 11 22:07:39 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

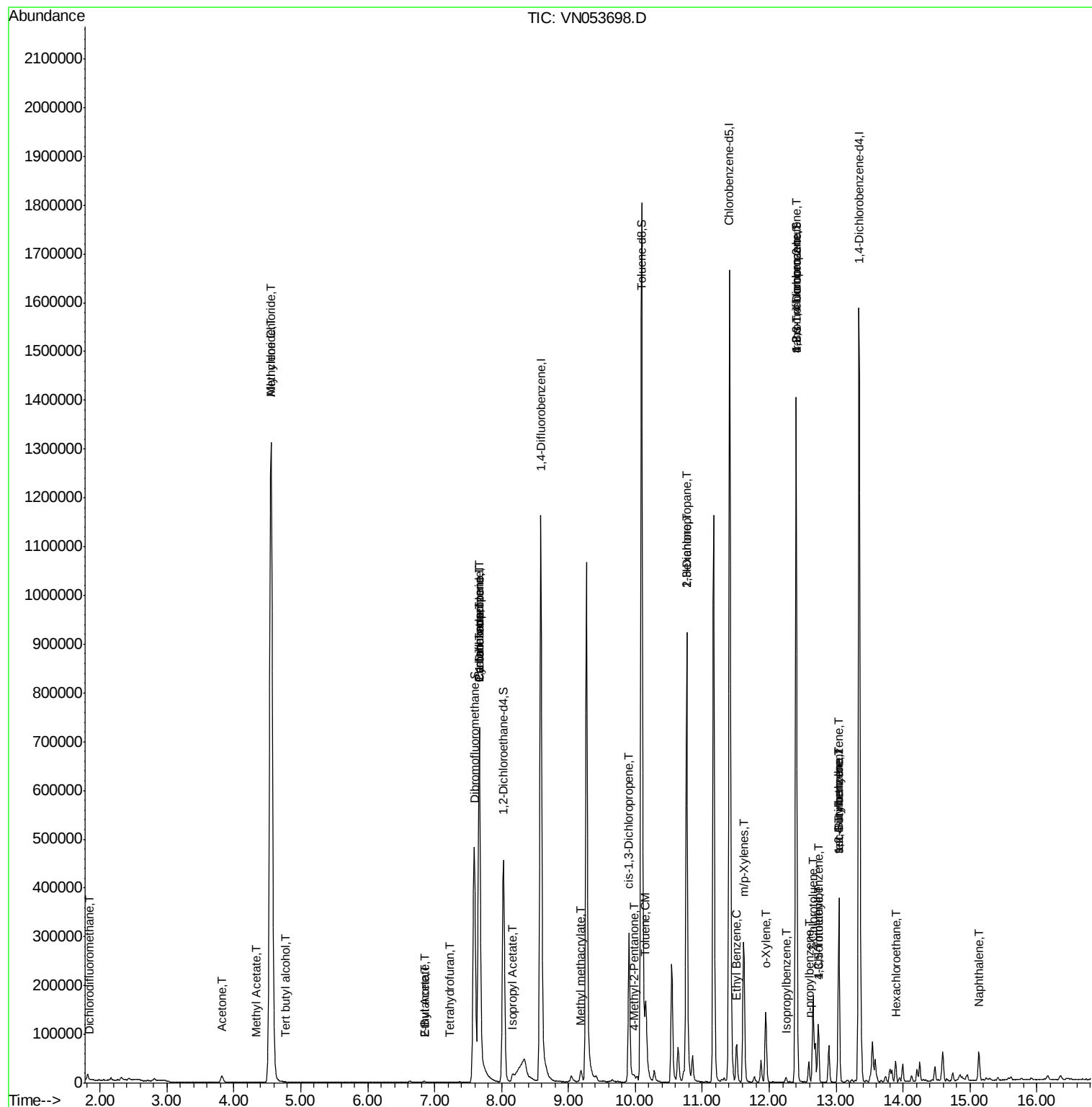
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

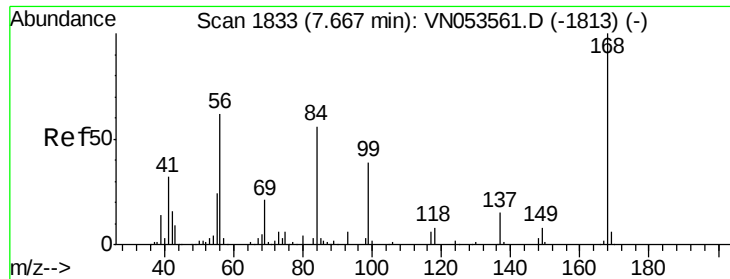
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
Data File : VN053698.D
Acq On : 11 Feb 2019 12:19
Operator : JC/SP
Sample : K1423-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HB-VJ210

Quant Time: Feb 11 22:07:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
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: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

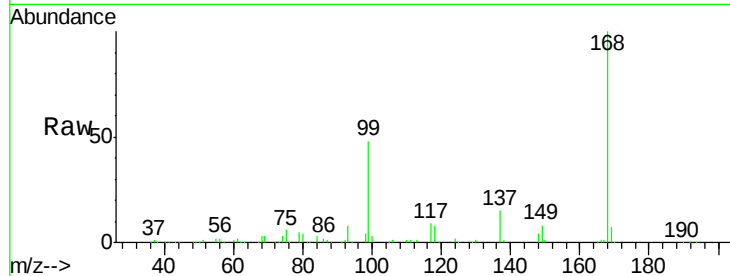
HB-VJ210

Tot Ion:168 Resp: 738416

Ion Ratio Lower Upper

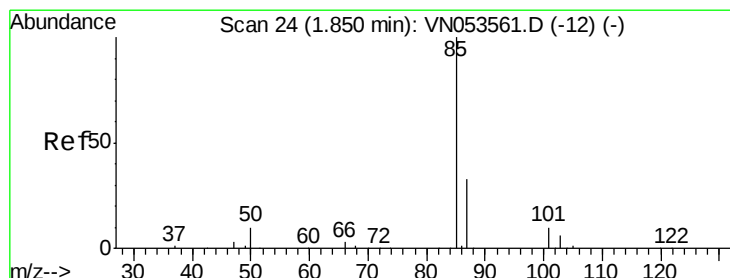
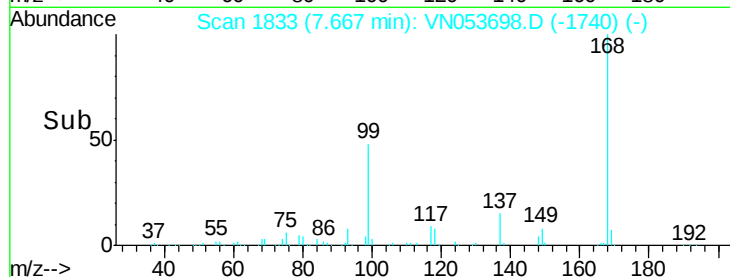
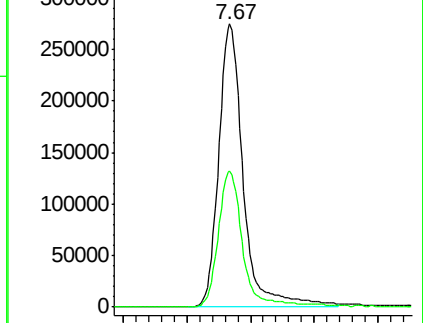
168 100

99 48.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.351 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053698.D

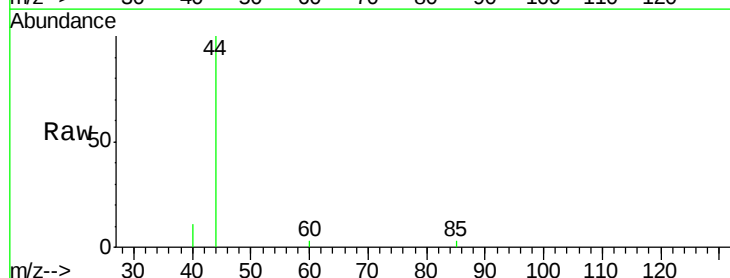
Acq: 11 Feb 2019 12:19

Tgt Ion: 85 Resp: 109

Ion Ratio Lower Upper

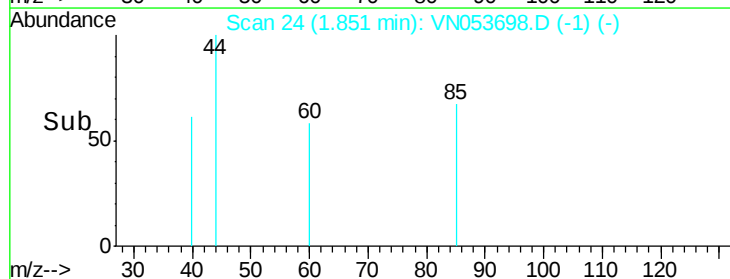
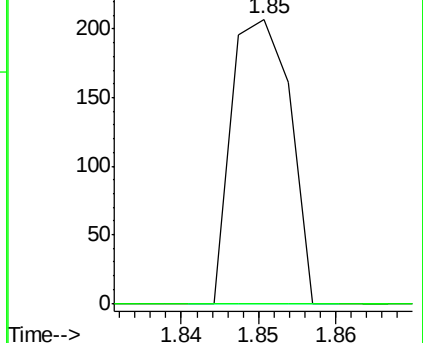
85 100

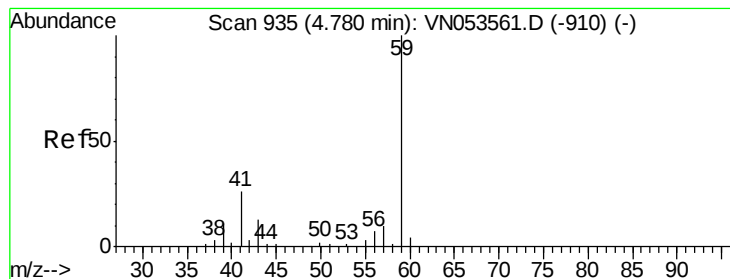
87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO



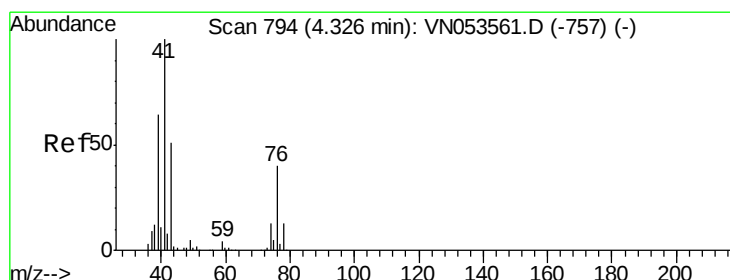
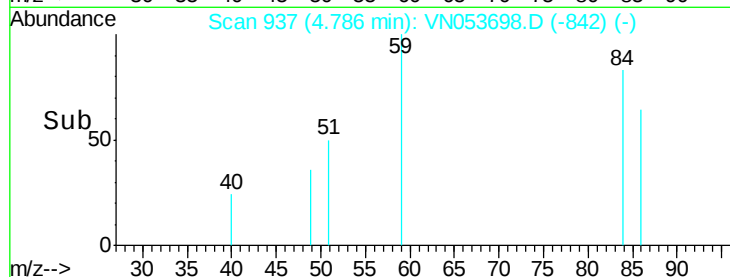
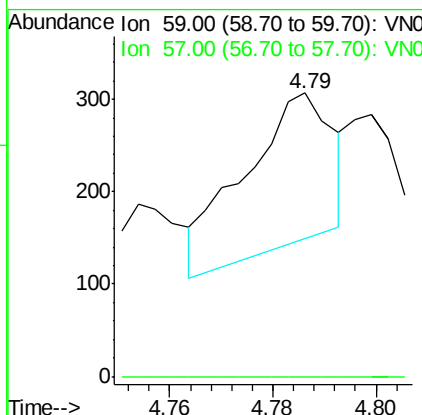
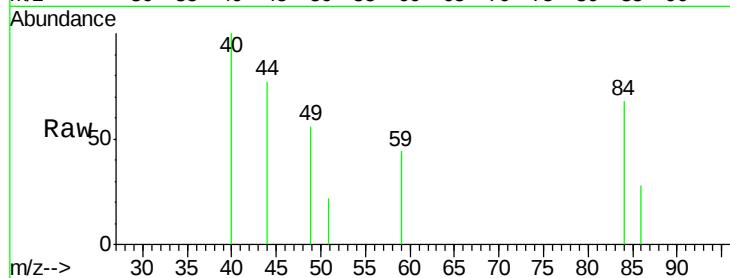


#11

Tert butyl alcohol
 Concen: 0.445 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VN053698.D
 Acq: 11 Feb 2019 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 HB-VJ210

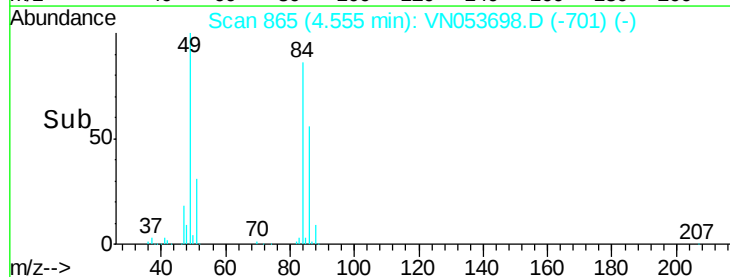
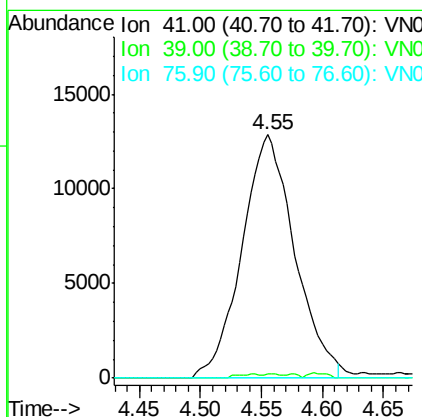
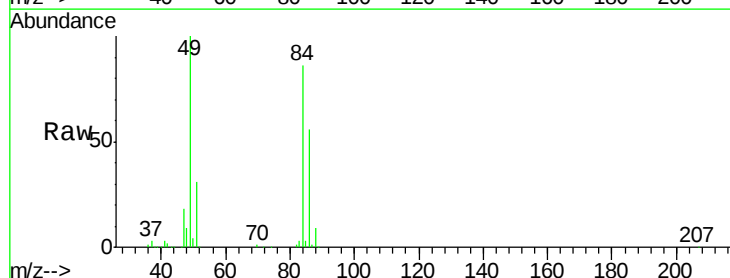
Tot Ion: 59 Resp: 195
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

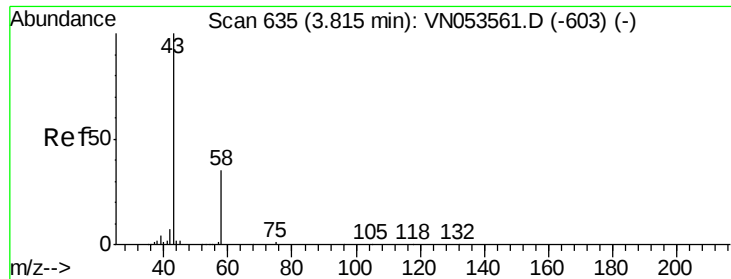


#14

Allyl chloride
 Concen: 3.543 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.23 min
 Lab File: VN053698.D
 Acq: 11 Feb 2019 12:19

Tgt Ion: 41 Resp: 38573
 Ion Ratio Lower Upper
 41 100
 39 0.2 48.9 73.3#
 76 0.0 29.4 44.2#

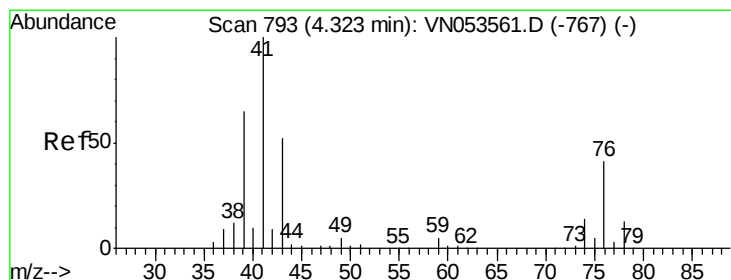
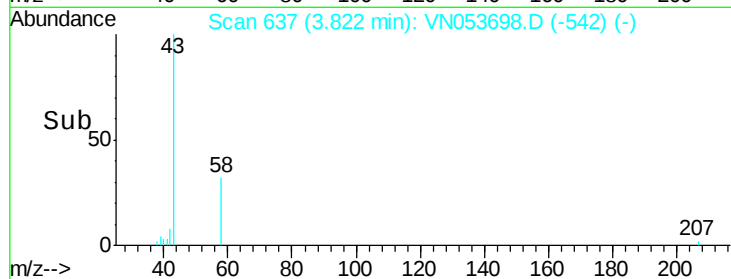
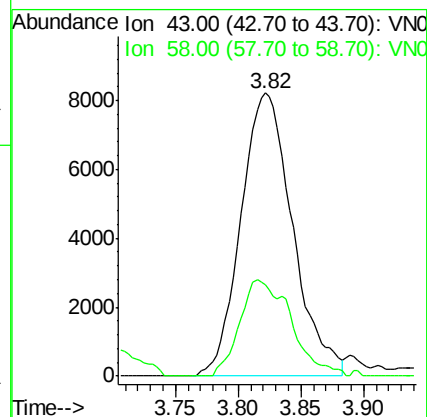
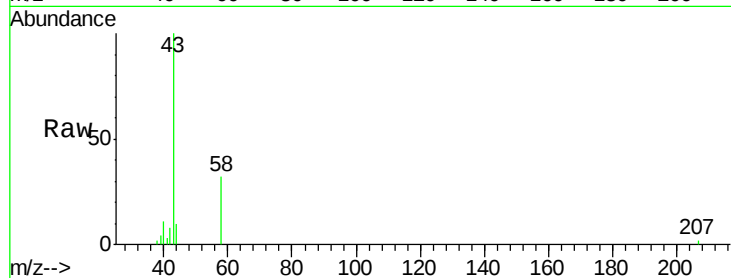




#16
Acetone
Concen: 12.386 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

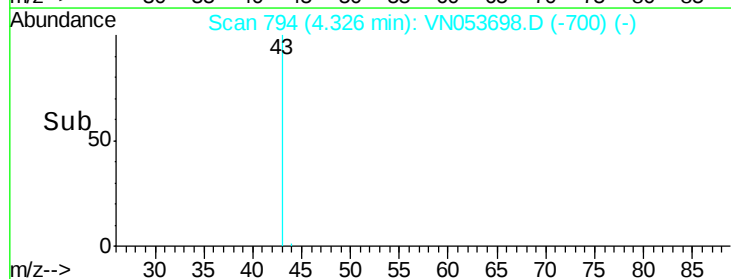
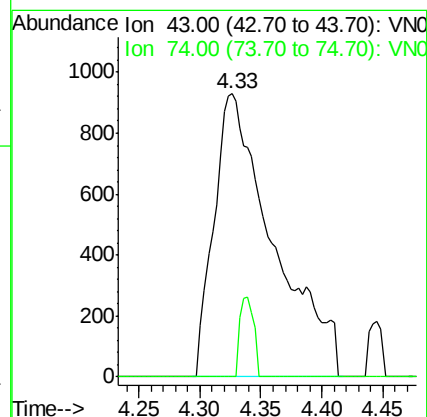
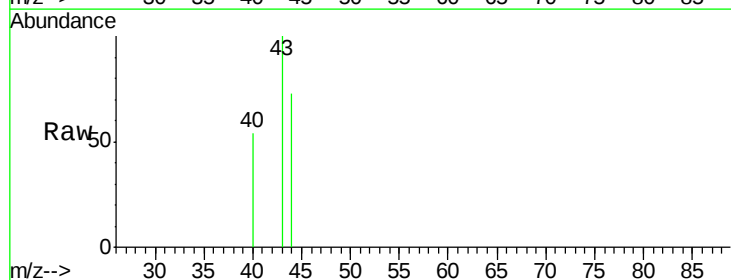
Instrument :
MSVOA_N
ClientSampleId :
HB-VJ210

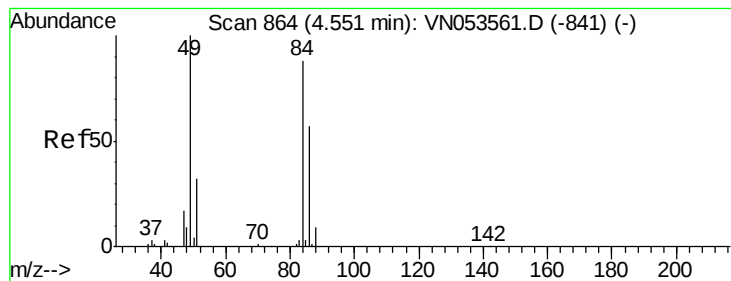
Tot Ion: 43 Resp: 23534
Ion Ratio Lower Upper
43 100
58 32.1 27.1 40.7



#18
Methyl Acetate
Concen: 0.558 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

Tgt Ion: 43 Resp: 3141
Ion Ratio Lower Upper
43 100
74 6.7 19.4 29.2#





#20

Methvlene Chloride

Concen: 131.616 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

HB-VJ210

Tot Ion: 84 Resp: 1049201

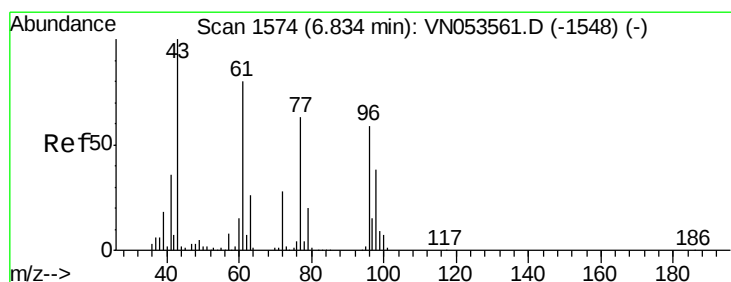
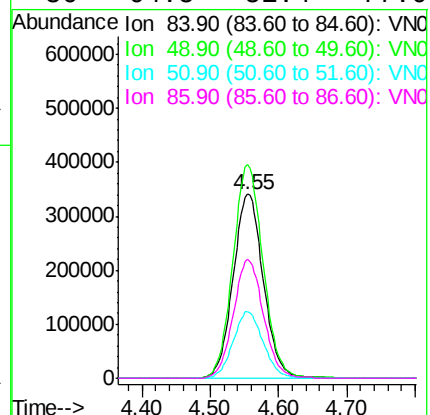
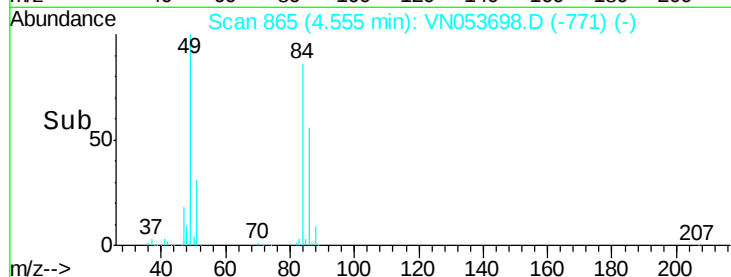
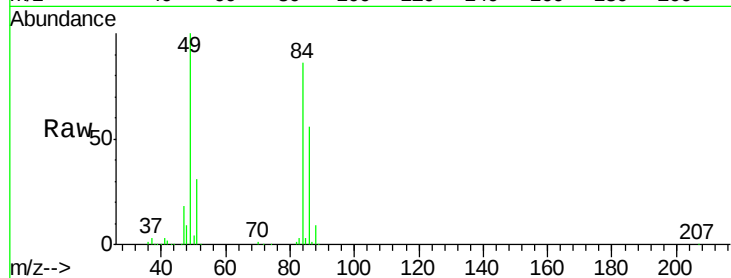
Ion Ratio Lower Upper

84 100

49 116.0 94.3 141.5

51 36.3 29.4 44.2

86 64.5 51.4 77.0



#25

2-Butanone

Concen: 1.332 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.02 min

Lab File: VN053698.D

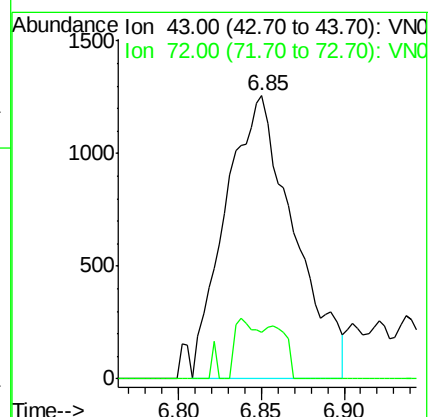
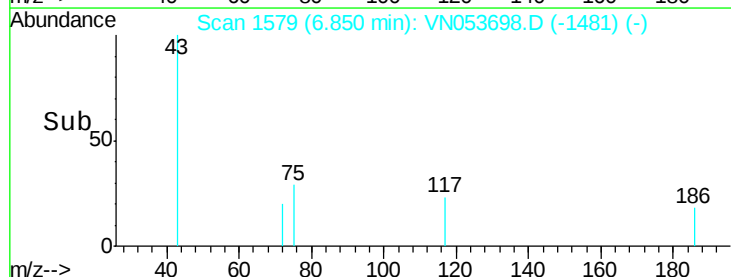
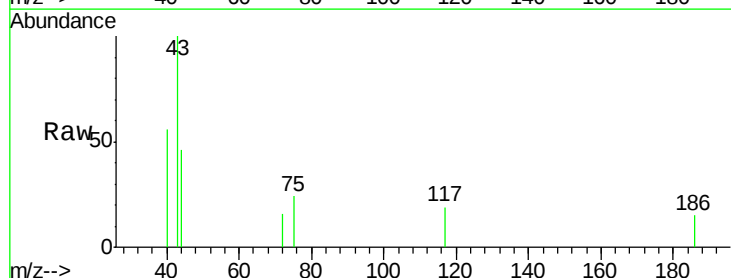
Acq: 11 Feb 2019 12:19

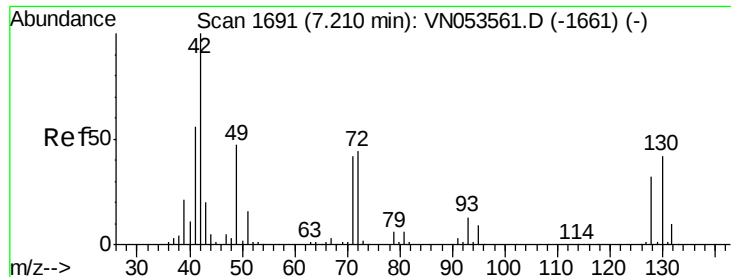
Tgt Ion: 43 Resp: 3609

Ion Ratio Lower Upper

43 100

72 16.4 22.0 33.0#





#29

Tetrahydrofuran

Concen: 0.556 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

HB-VJ210

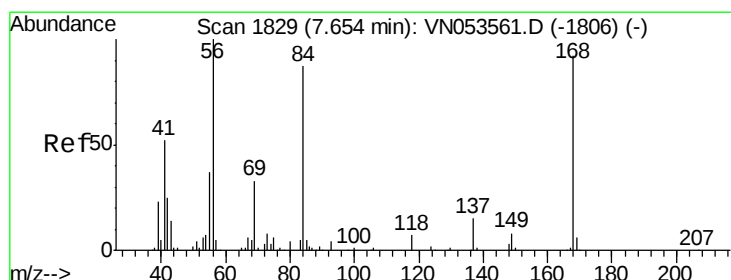
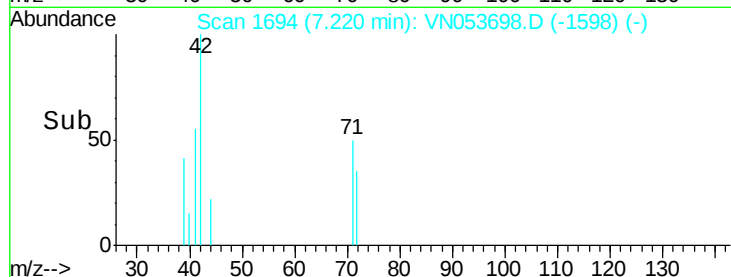
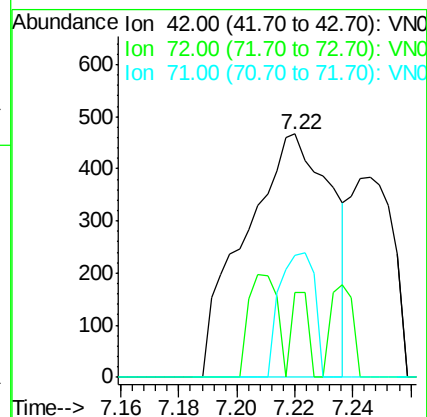
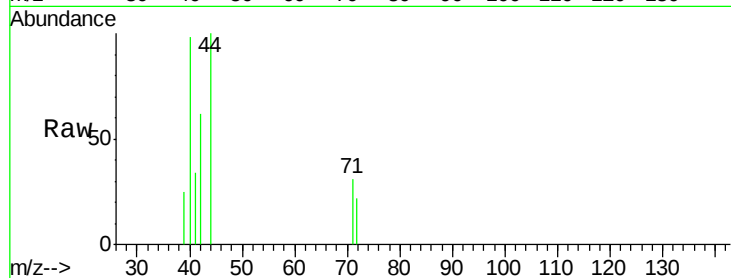
Tot Ion: 42 Resp: 968

Ion Ratio Lower Upper

42 100

72 6.5 35.2 52.8#

71 20.7 33.0 49.4#



#31

Cyclohexane

Concen: 0.754 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

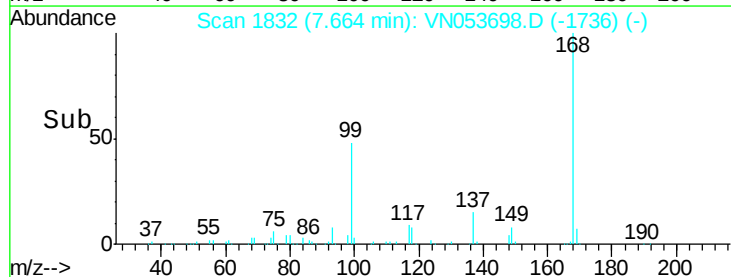
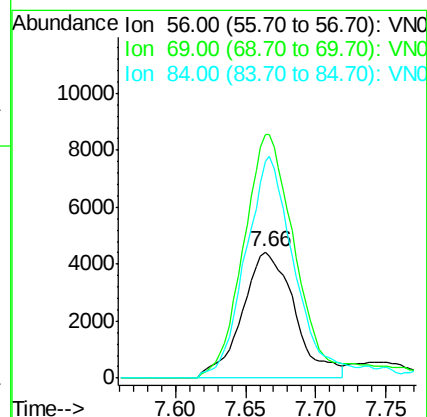
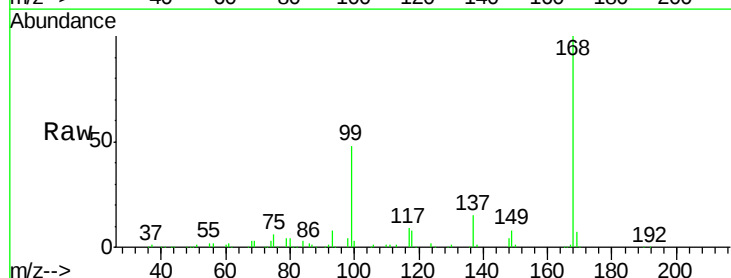
Tgt Ion: 56 Resp: 11542

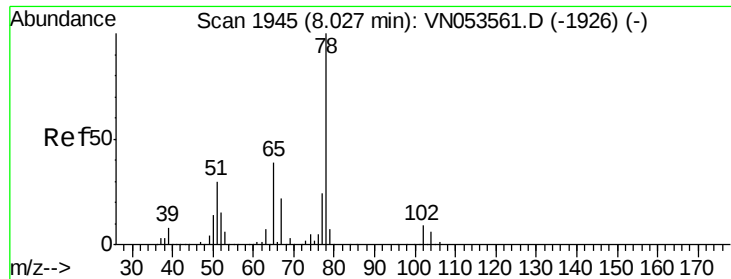
Ion Ratio Lower Upper

56 100

69 192.7 26.4 39.6#

84 172.0 67.9 101.9#

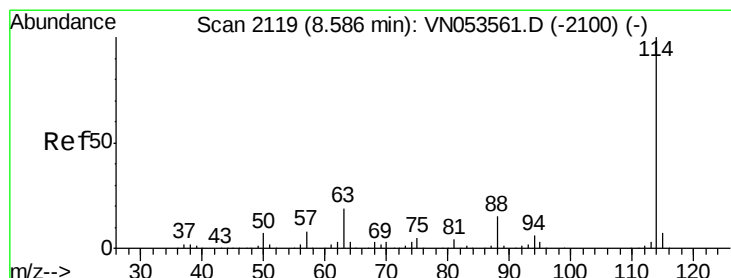
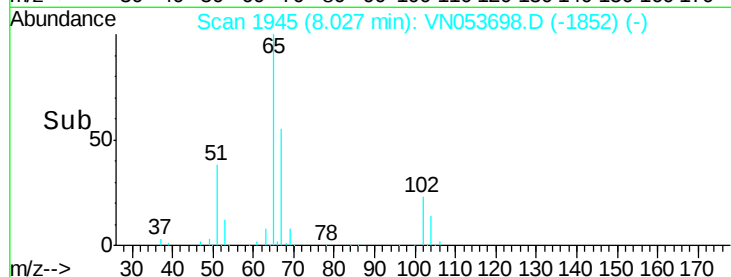
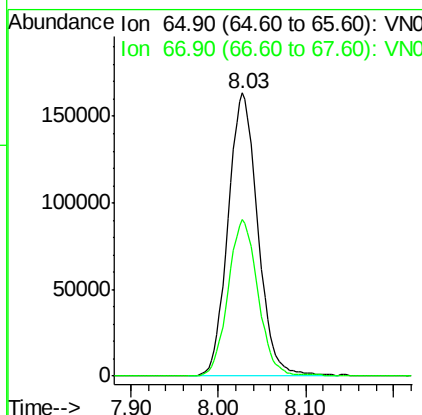
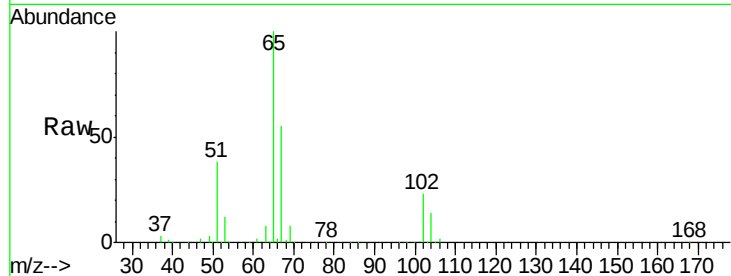




#33
 1,2-Dichloroethane-d4
 Concen: 52.130 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053698.D
 Acq: 11 Feb 2019 12:19

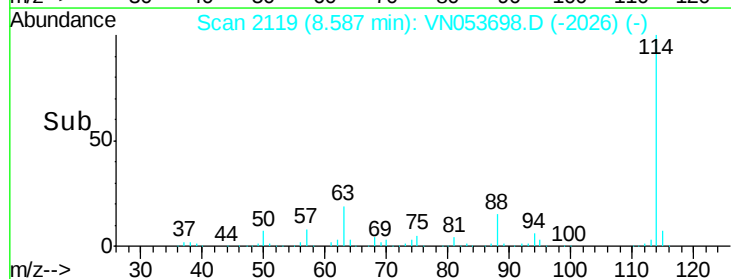
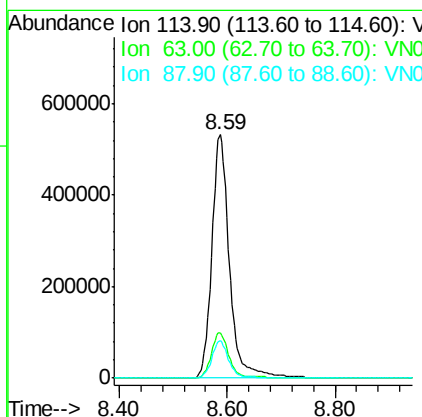
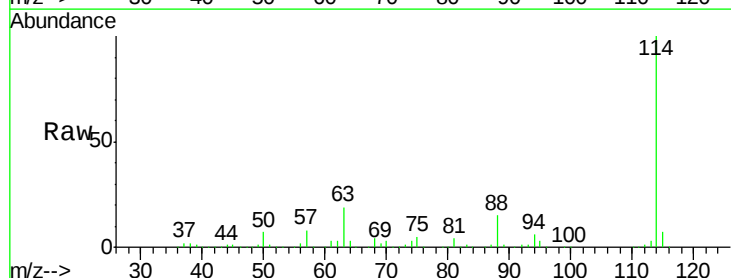
Instrument :
 MSVOA_N
 ClientSampleId :
 HB-VJ210

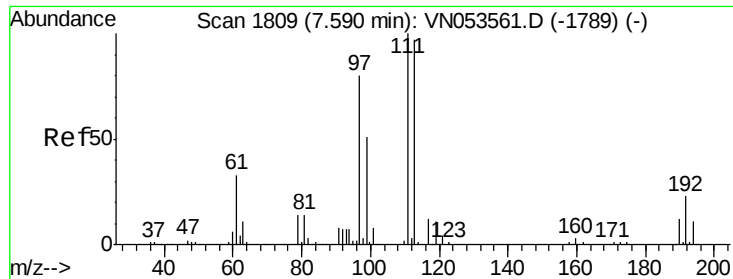
Tot Ion: 65 Resp: 386163
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053698.D
 Acq: 11 Feb 2019 12:19

Tgt Ion: 114 Resp: 1211929
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 15.5 0.0 30.4

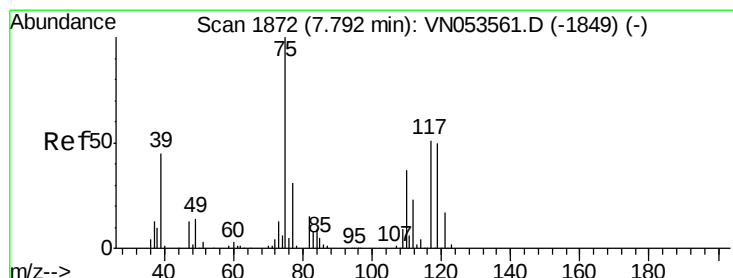
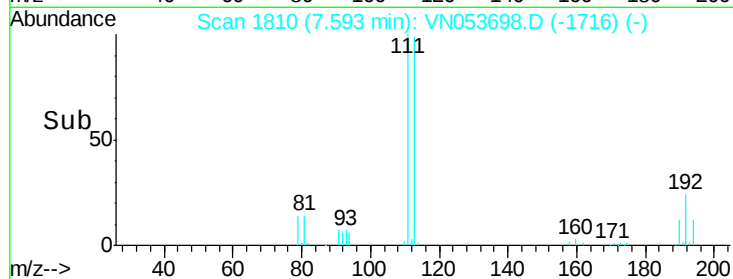
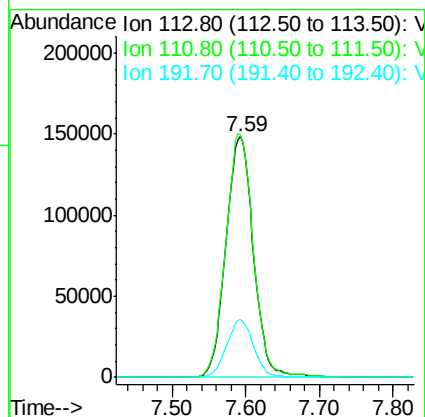
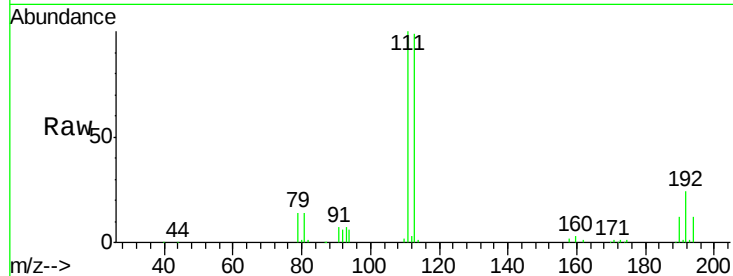




#35
 Dibromofluoromethane
 Concen: 50.336 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053698.D
 Acq: 11 Feb 2019 12:19

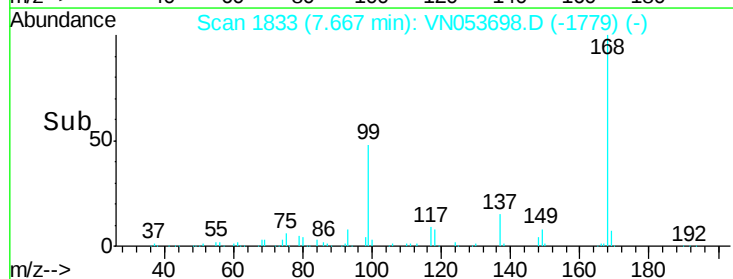
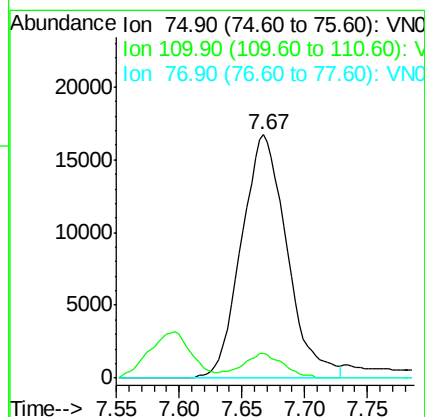
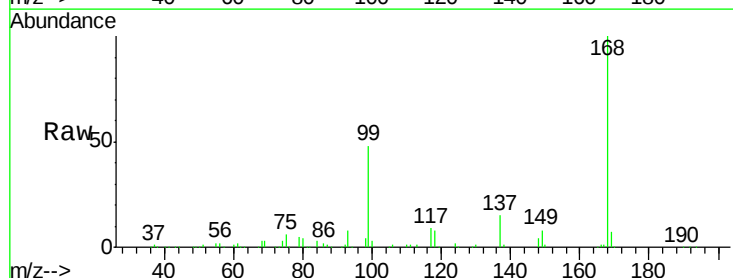
Instrument :
 MSVOA_N
 ClientSampleId :
 HB-VJ210

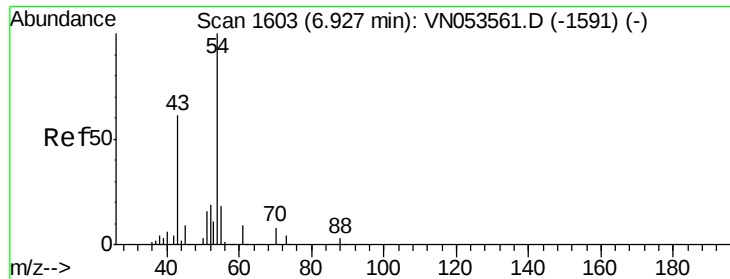
Tot Ion:113 Resp: 385464
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.1 121.7
 192 23.5 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 3.871 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053698.D
 Acq: 11 Feb 2019 12:19

Tgt Ion: 75 Resp: 42285
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.1 54.3#
 77 0.0 25.1 37.7#

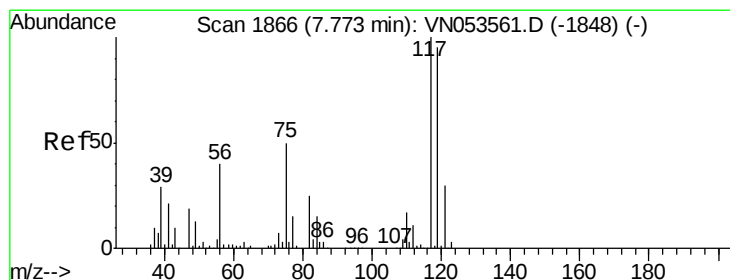
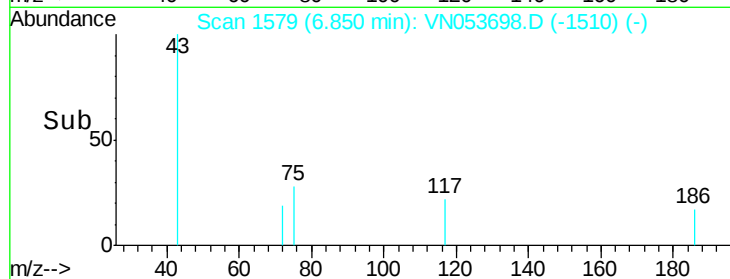
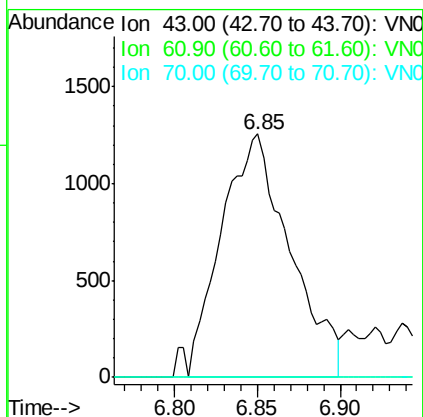
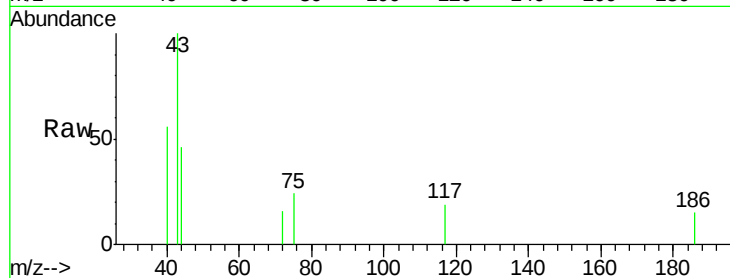




#37
Ethyl Acetate
Concen: 0.591 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. -0.08 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

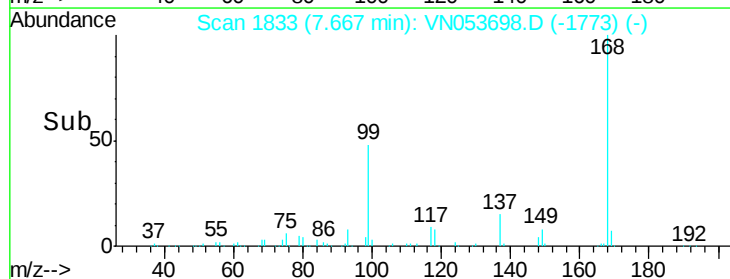
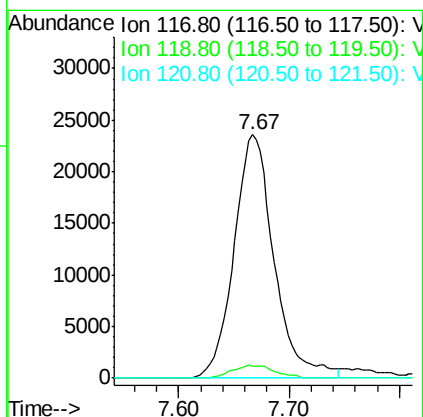
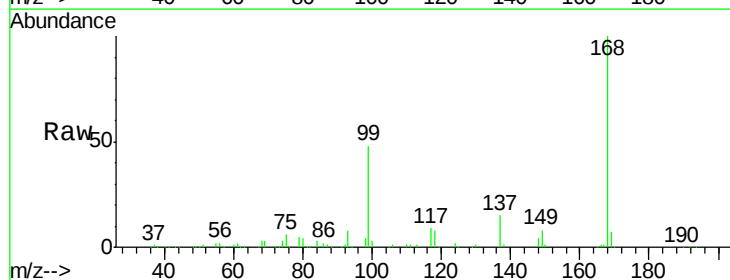
Instrument :
MSVOA_N
ClientSampleId :
HB-VJ210

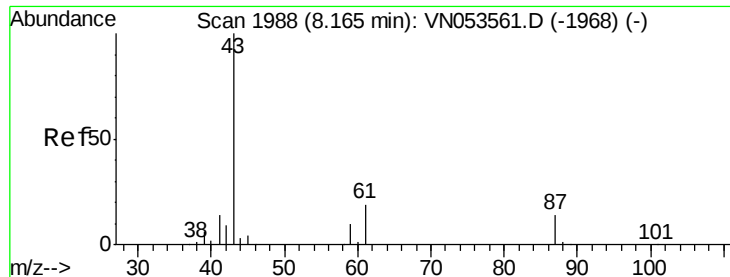
Tot Ion: 43 Resp: 3609
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 8.6 12.8#



#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

Tgt Ion: 117 Resp: 59271
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 2.065 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

HB-VJ210

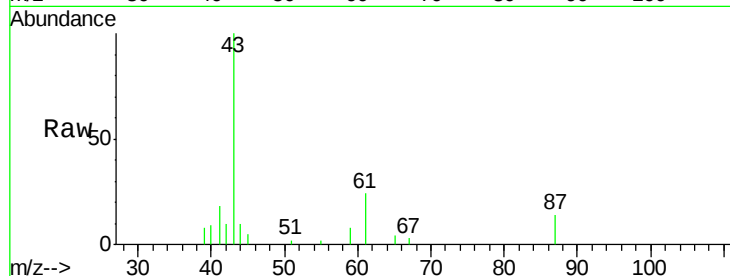
Tot Ion: 43 Resp: 24333

Ion Ratio Lower Upper

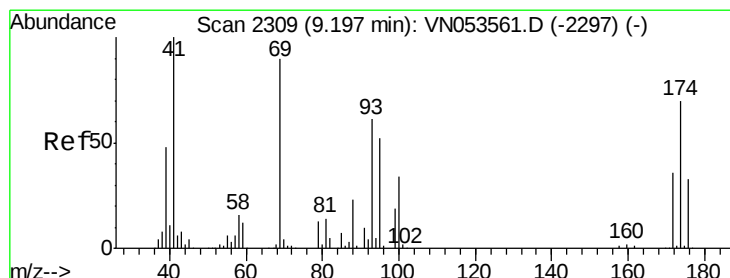
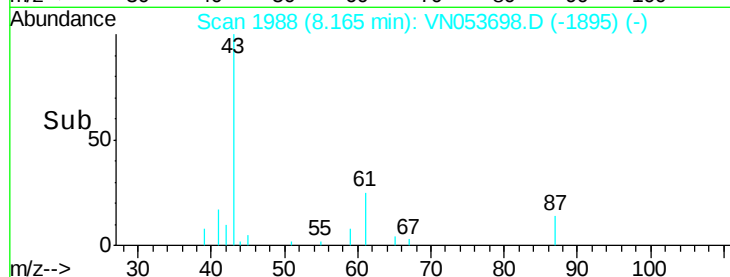
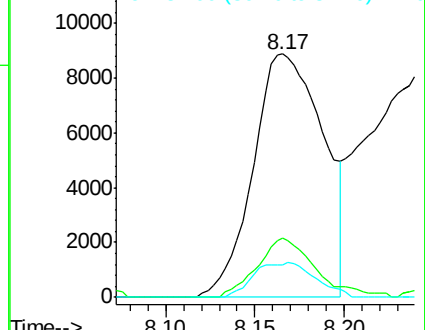
43 100

61 20.2 23.9 35.9#

87 12.5 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#48

Methyl methacrylate

Concen: 1.749 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

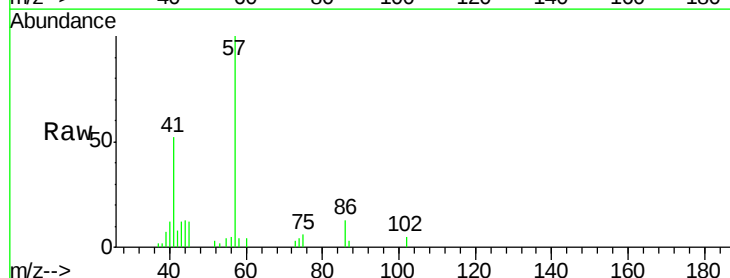
Tgt Ion: 41 Resp: 9837

Ion Ratio Lower Upper

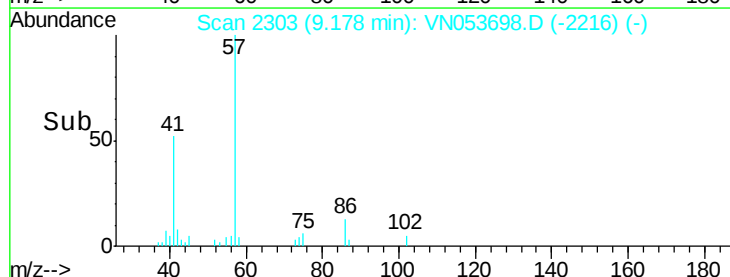
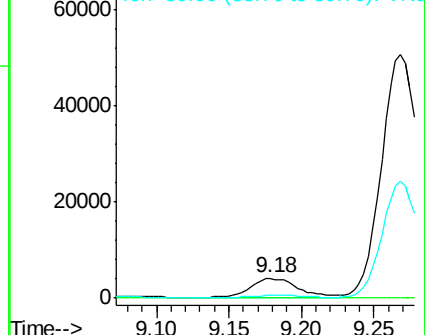
41 100

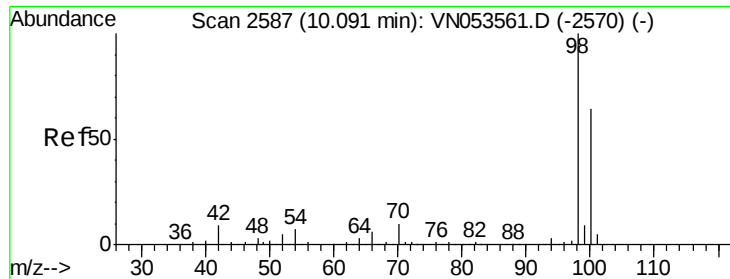
69 0.0 73.8 110.6#

39 0.0 40.0 60.0#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#50

Toluene-d8

Concen: 51.080 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

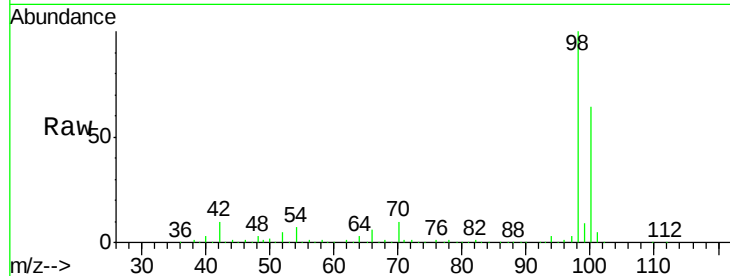
HB-VJ210

Tot Ion: 98 Resp: 1468724

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

800000

600000

400000

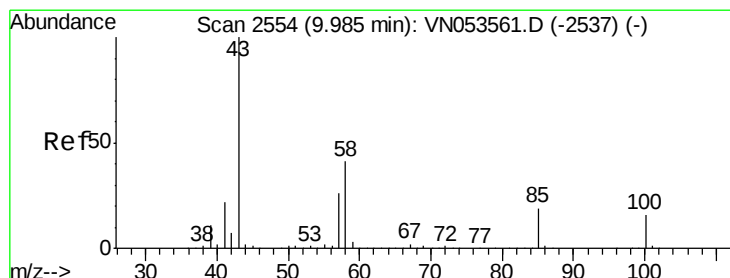
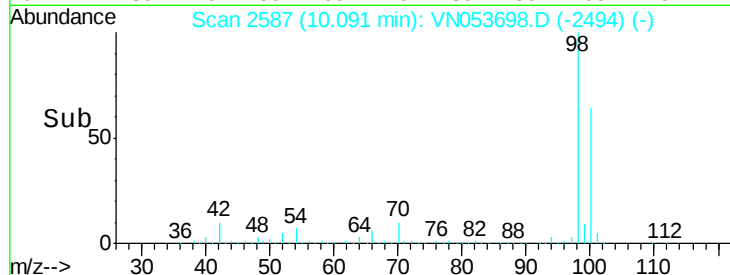
200000

0

10.09

10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.318 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN053698.D

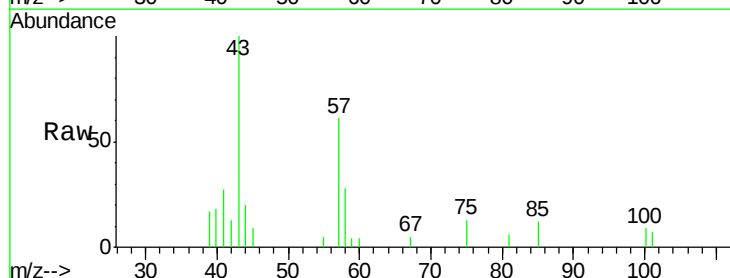
Acq: 11 Feb 2019 12:19

Tgt Ion: 43 Resp: 7629

Ion Ratio Lower Upper

43 100

58 25.5 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

6000

5000

4000

3000

2000

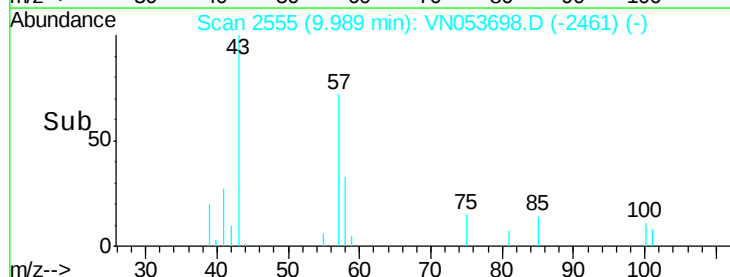
1000

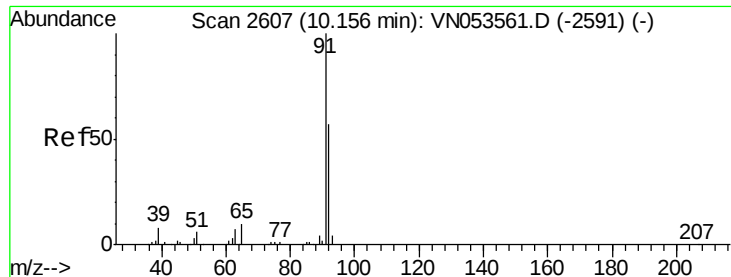
0

9.99

10.00

Time-->





#52

Toluene

Concen: 2.933 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampled :

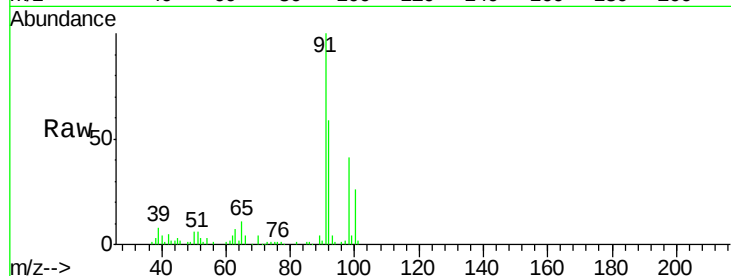
HB-VJ210

Tot Ion: 92 Resp: 58640

Ion Ratio Lower Upper

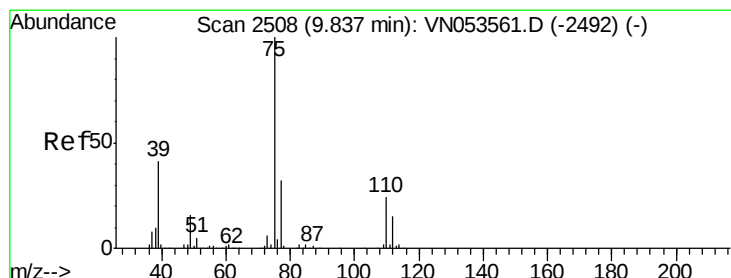
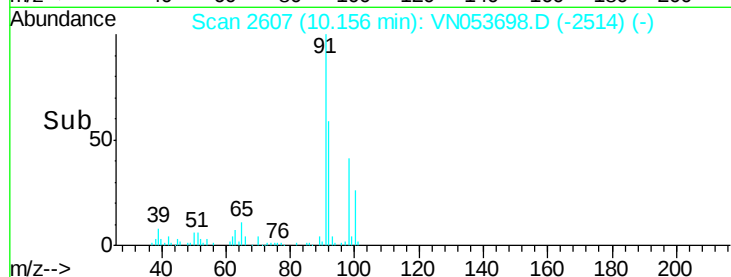
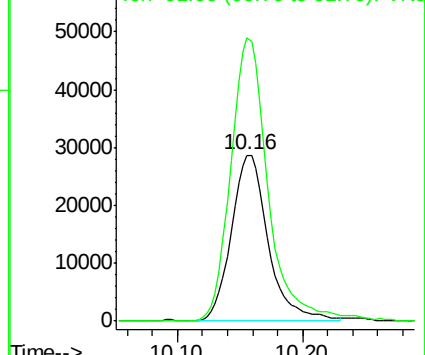
92 100

91 171.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.012 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

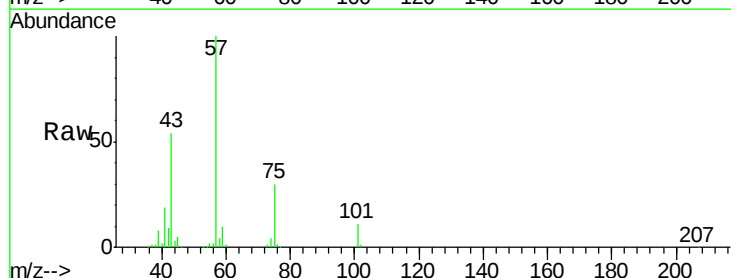
Tgt Ion: 75 Resp: 64227

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.6#

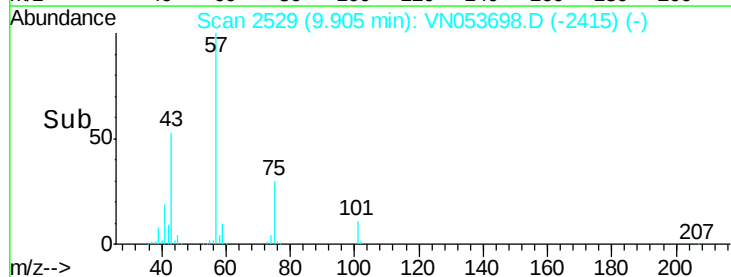
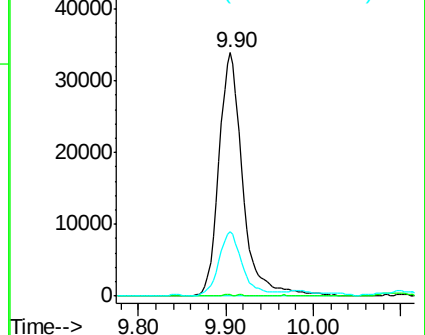
39 26.4 33.4 50.0#

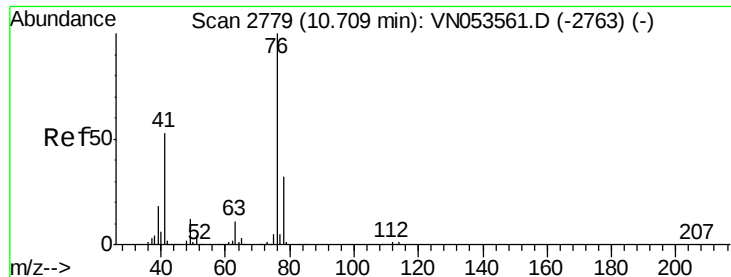


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

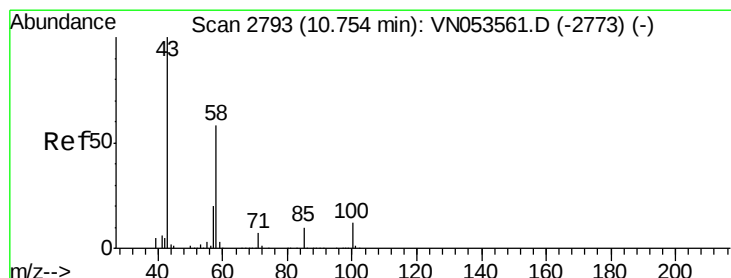
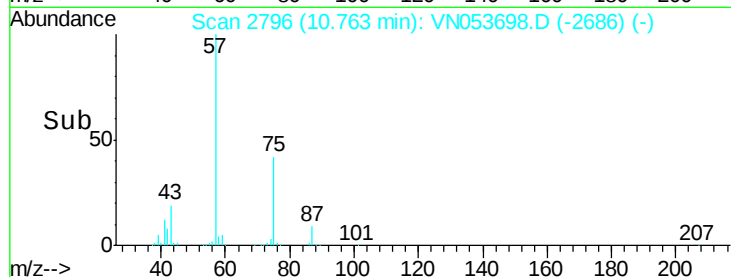
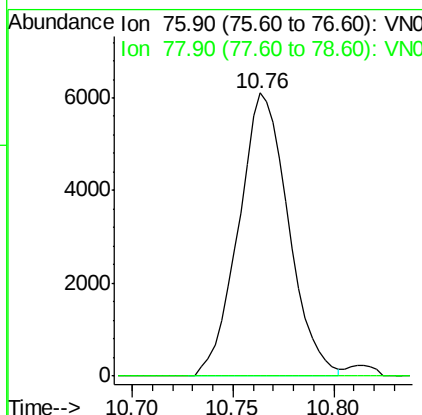
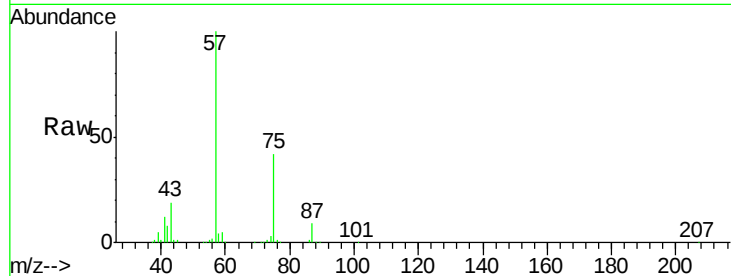




#57
 1,3-Dichloropropane
 Concen: 0.858 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053698.D
 Acq: 11 Feb 2019 12:19

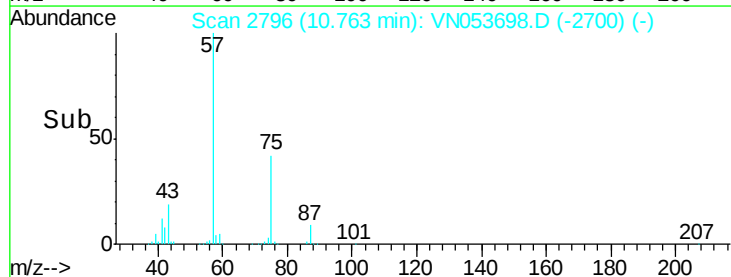
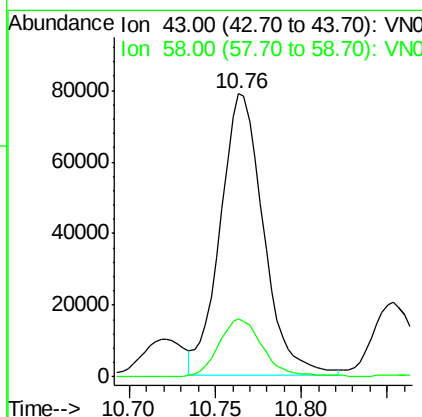
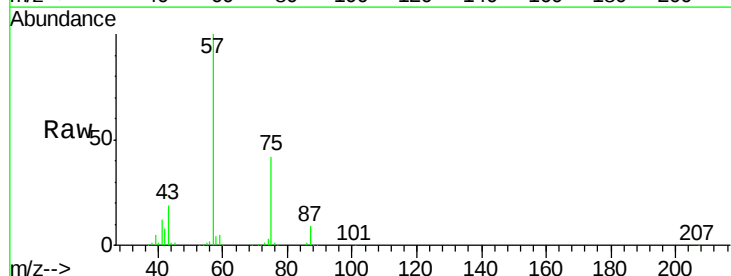
Instrument :
 MSVOA_N
 ClientSampleId :
 HB-VJ210

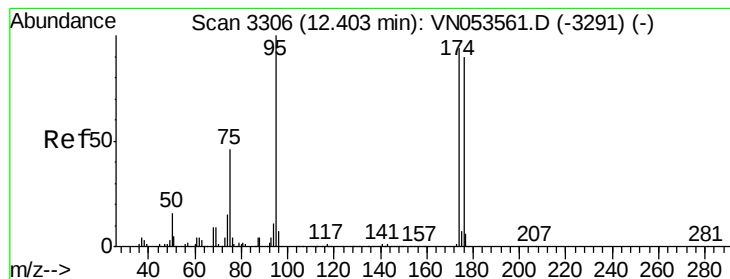
Tot Ion: 76 Resp: 10559
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 35.254 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053698.D
 Acq: 11 Feb 2019 12:19

Tgt Ion: 43 Resp: 138581
 Ion Ratio Lower Upper
 43 100
 58 21.0 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: 50.987 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

HB-VJ210

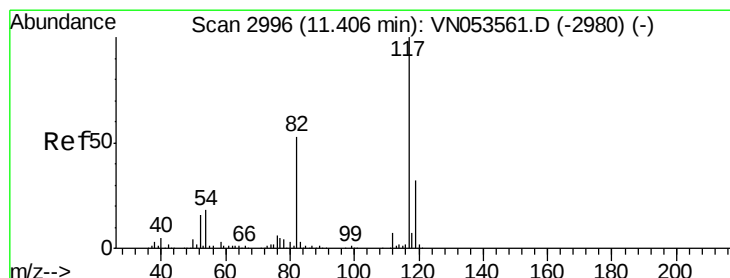
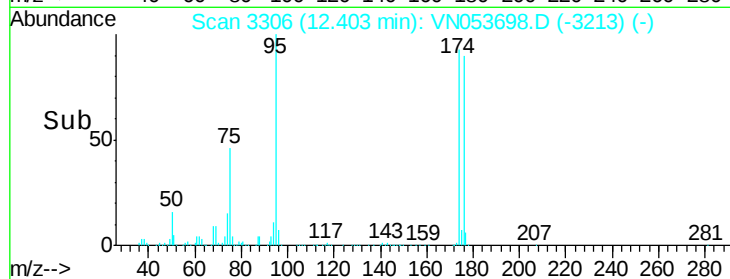
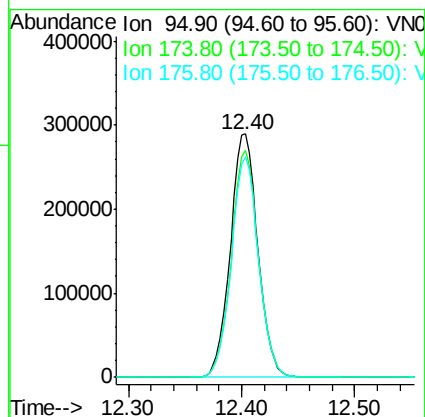
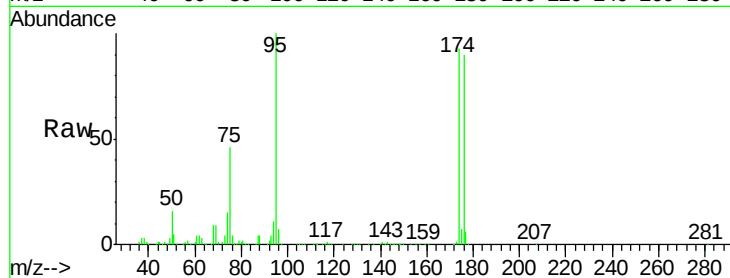
Tot Ion: 95 Resp: 488954

Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.2

176 89.5 0.0 177.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

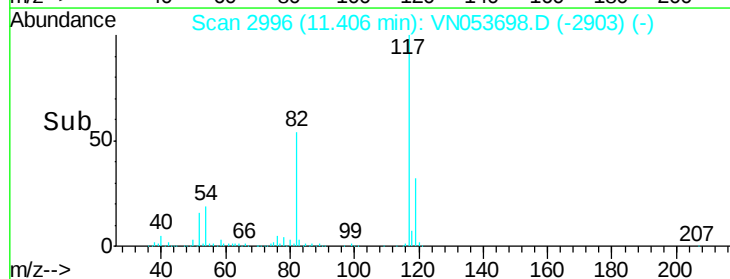
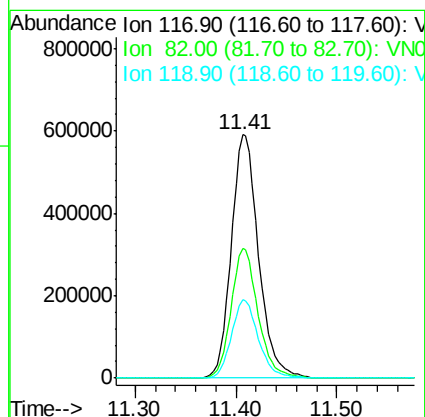
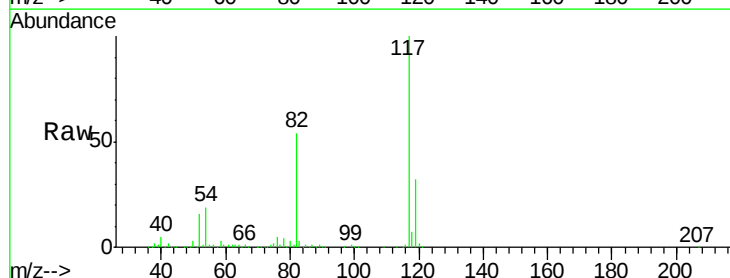
Tgt Ion: 117 Resp: 1112886

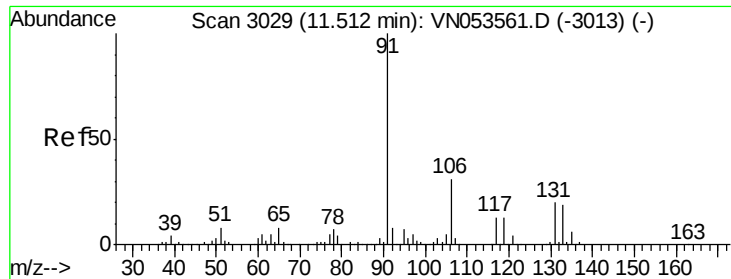
Ion Ratio Lower Upper

117 100

82 53.5 42.9 64.3

119 32.0 26.0 39.0

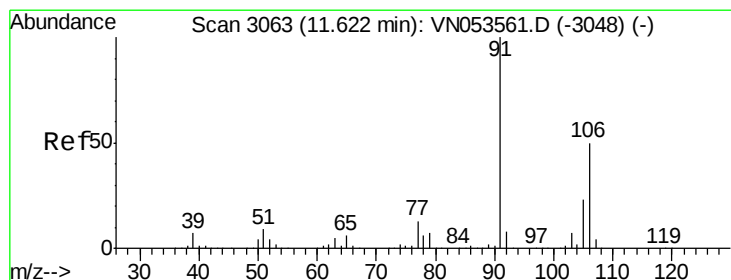
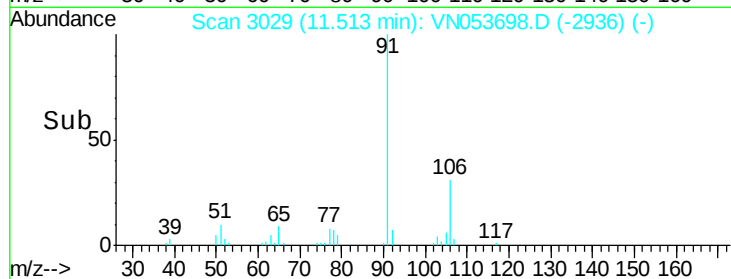
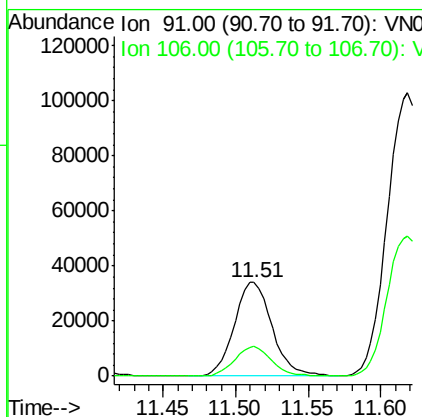
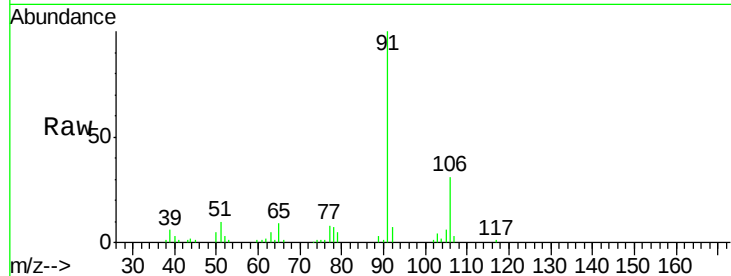




#67
Ethyl Benzene
Concen: 1.598 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

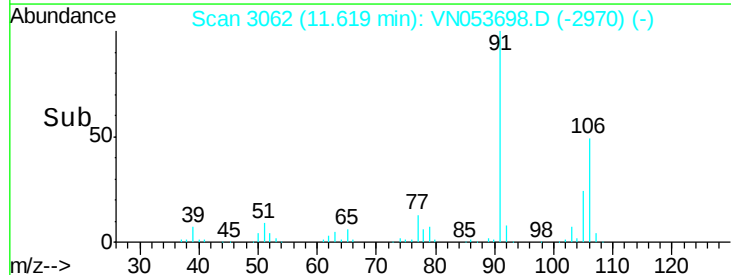
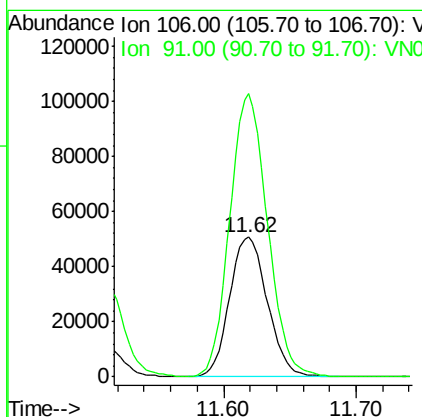
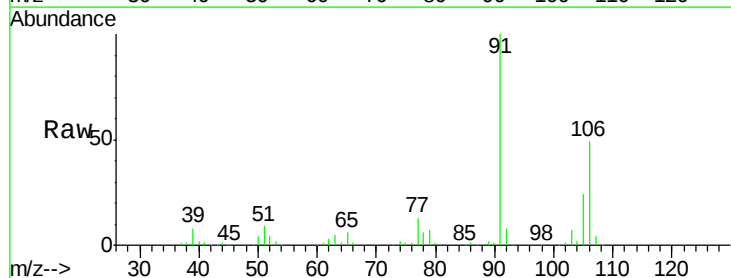
Instrument :
MSVOA_N
ClientSampleId :
HB-VJ210

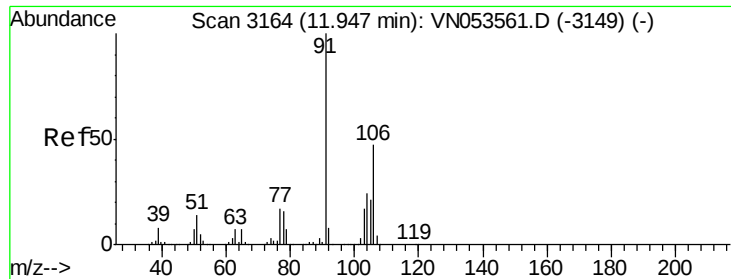
Tot Ion: 91 Resp: 62067
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 6.793 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

Tgt Ion: 106 Resp: 100675
Ion Ratio Lower Upper
106 100
91 202.0 161.4 242.2

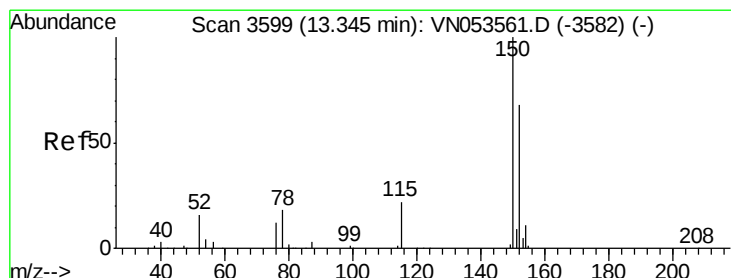
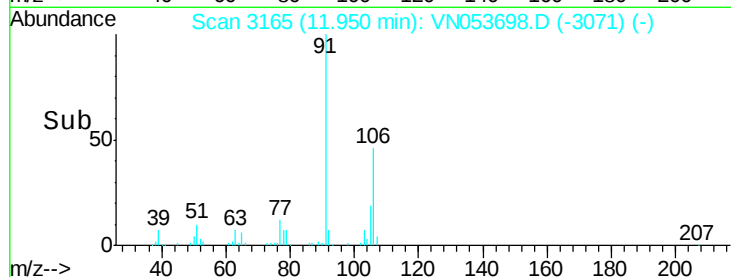
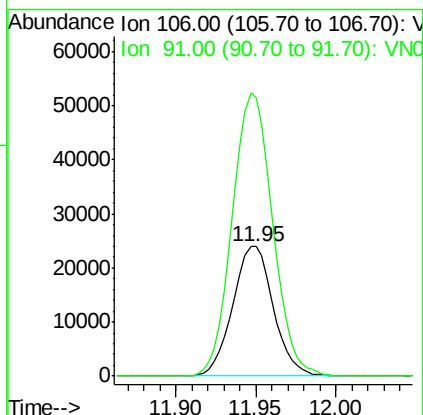
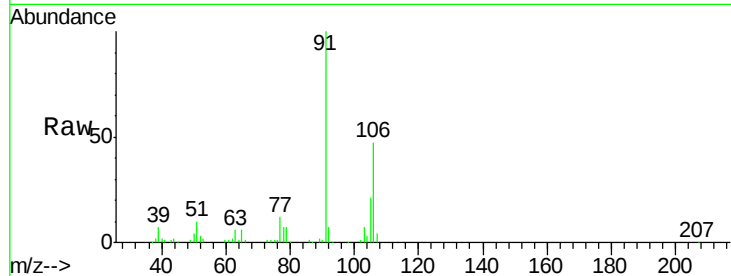




#69
o-Xylene
Concen: 2.892 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

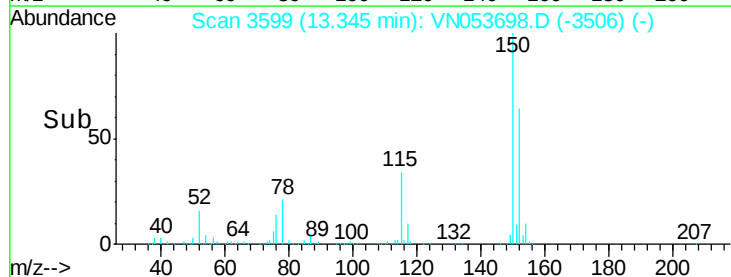
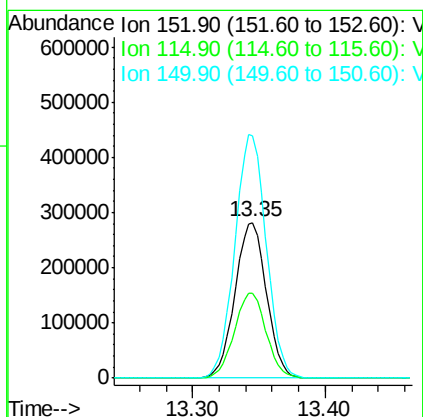
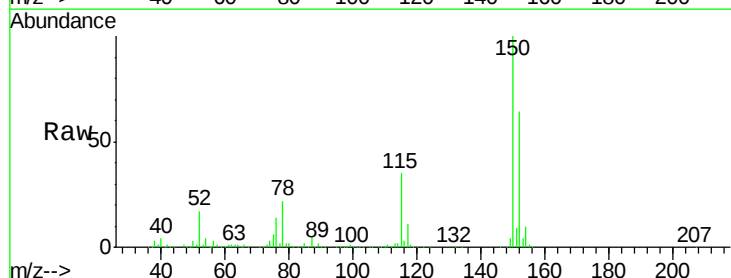
Instrument :
MSVOA_N
ClientSampled :
HB-VJ210

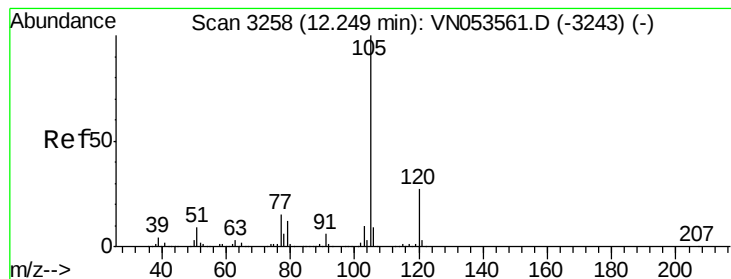
Tot Ion:106 Resp: 41405
Ion Ratio Lower Upper
106 100
91 217.2 106.9 320.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

Tgt Ion:152 Resp: 463781
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 156.5 0.0 349.0





#73

Isopropylbenzene

Concen: 0.211 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

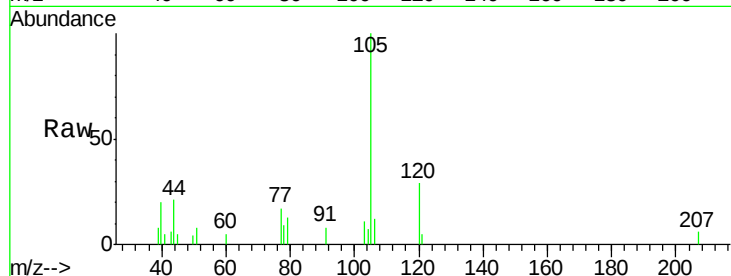
HB-VJ210

Tot Ion:105 Resp: 6867

Ion Ratio Lower Upper

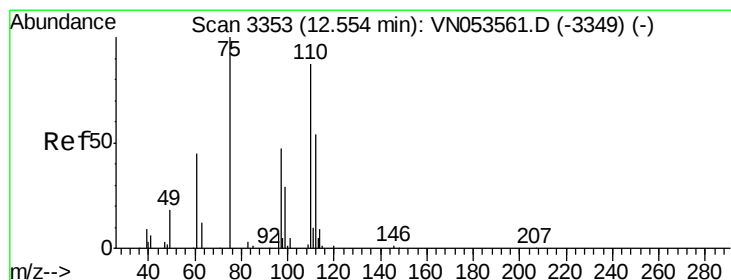
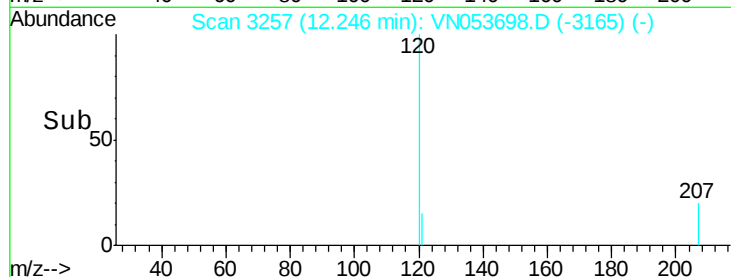
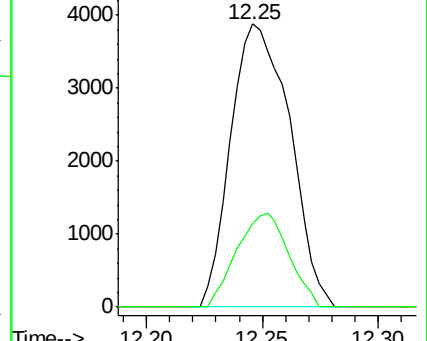
105 100

120 29.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 37.790 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053698.D

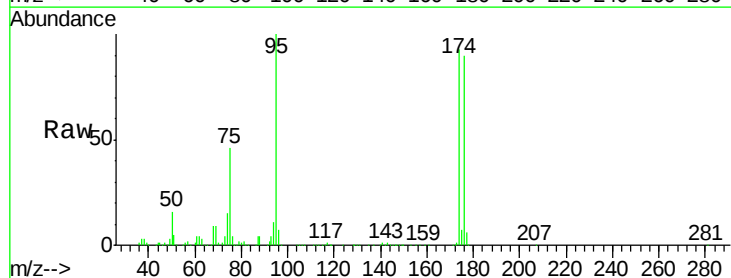
Acq: 11 Feb 2019 12:19

Tgt Ion: 75 Resp: 225114

Ion Ratio Lower Upper

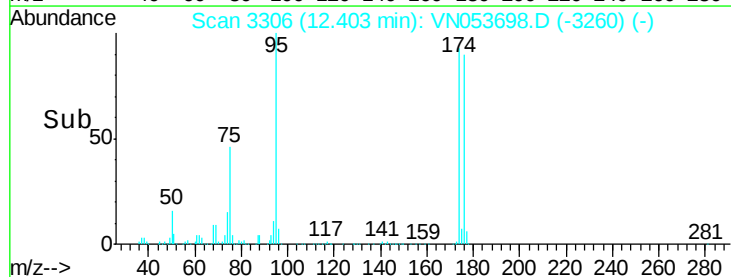
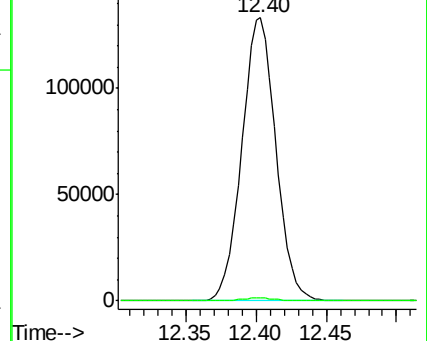
75 100

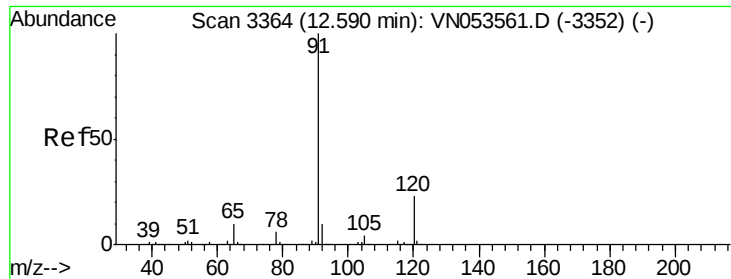
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.876 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampled :

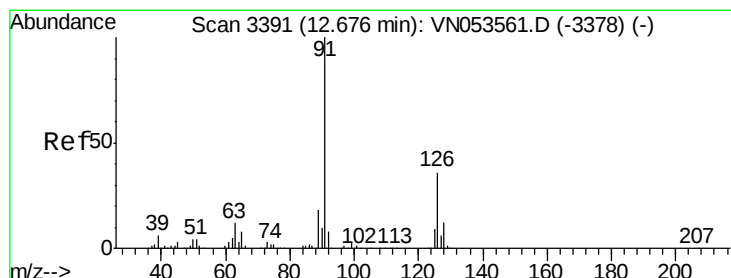
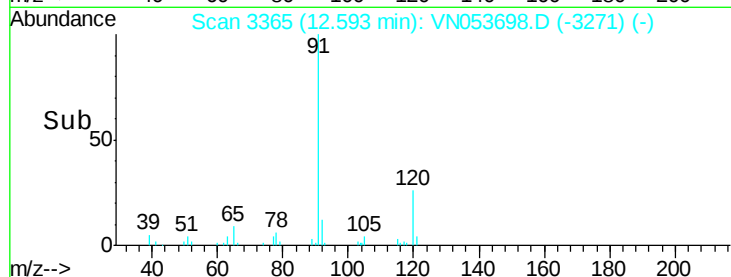
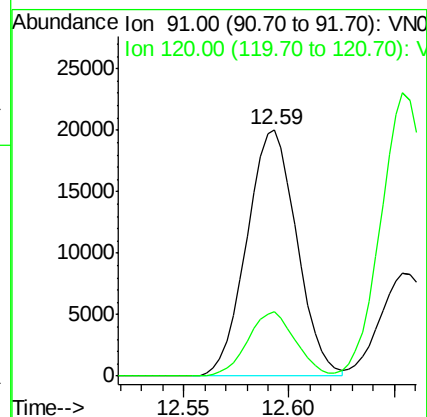
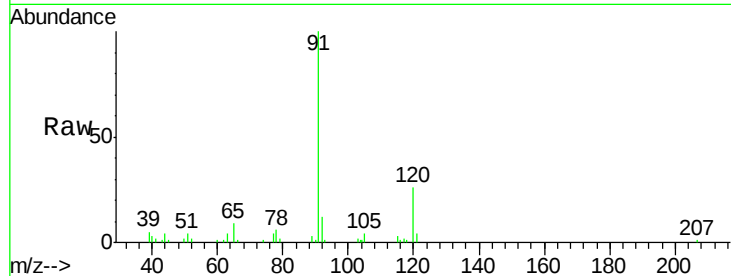
HB-VJ210

Tot Ion: 91 Resp: 33015

Ion Ratio Lower Upper

91 100

120 25.0 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.646 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053698.D

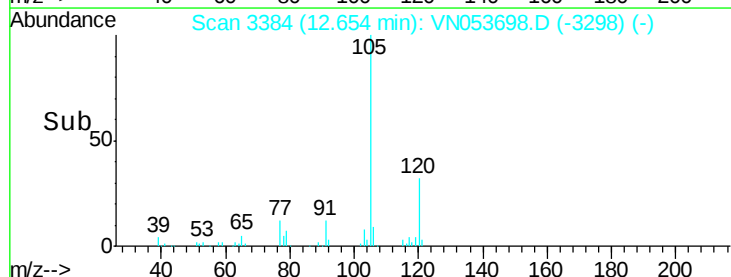
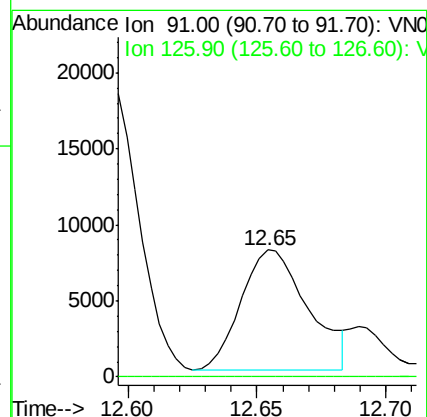
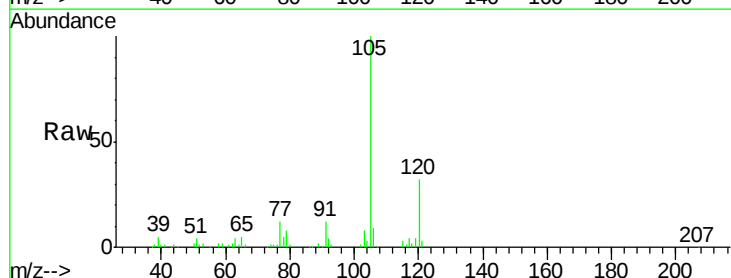
Acq: 11 Feb 2019 12:19

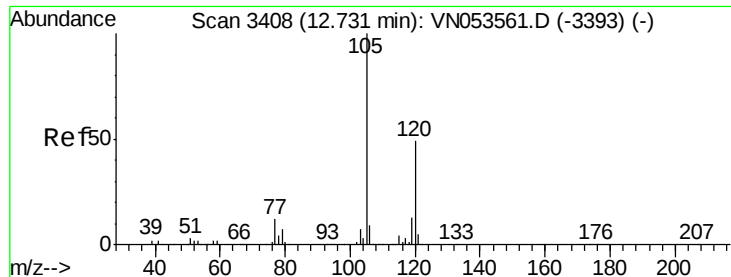
Tgt Ion: 91 Resp: 14447

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#





#80

1,3,5-Trimethylbenzene

Concen: 2.494 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

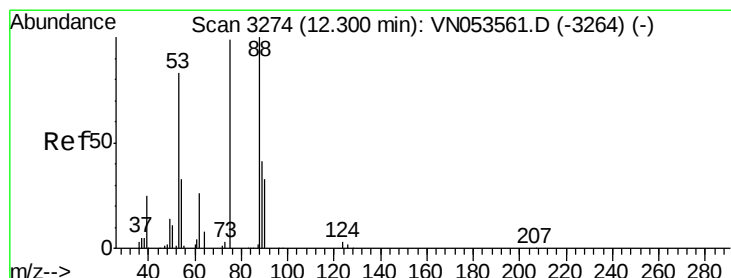
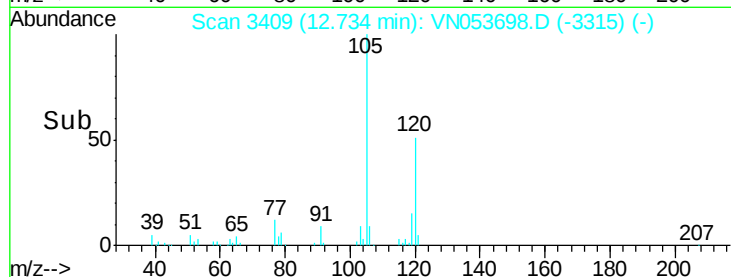
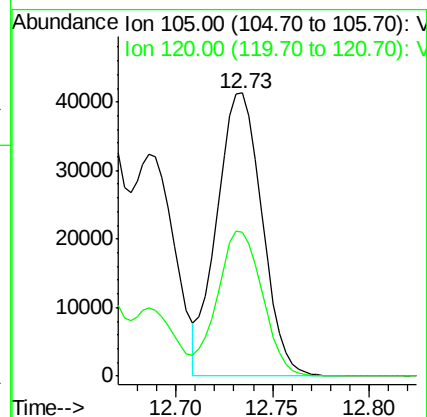
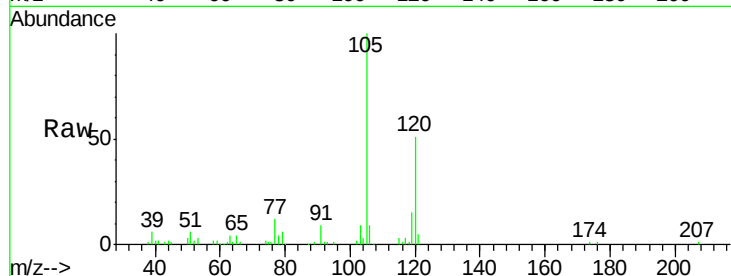
HB-VJ210

Tot Ion:105 Resp: 67435

Ion Ratio Lower Upper

105 100

120 50.6 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 106.262 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

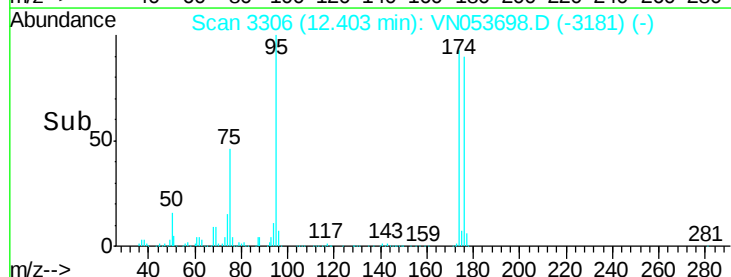
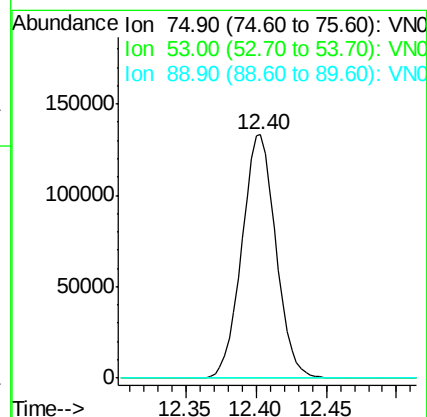
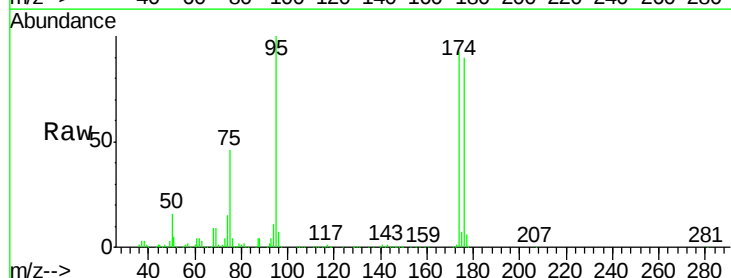
Tgt Ion: 75 Resp: 225114

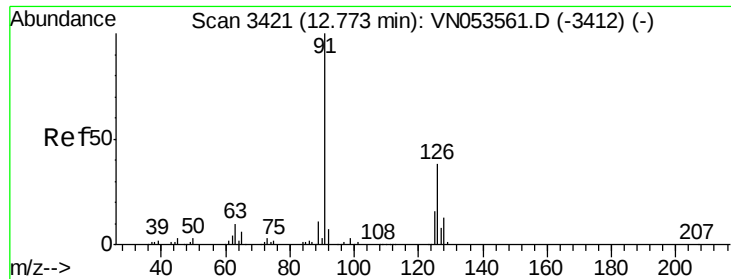
Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

89 0.0 35.6 53.4#





#82

4-Chlorotoluene

Concen: 0.251 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

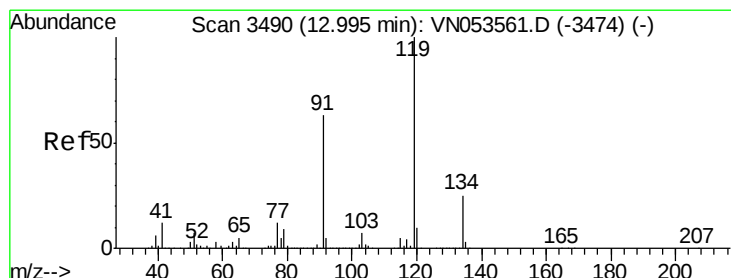
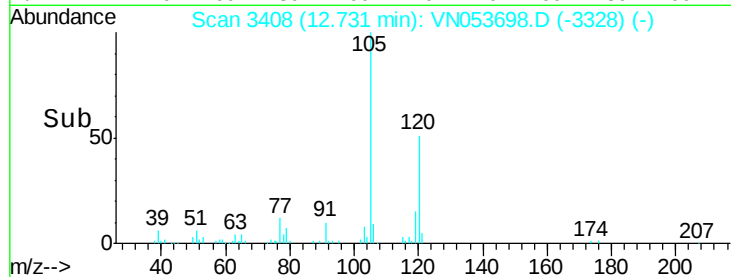
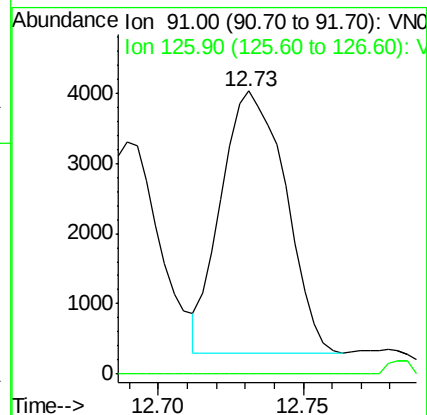
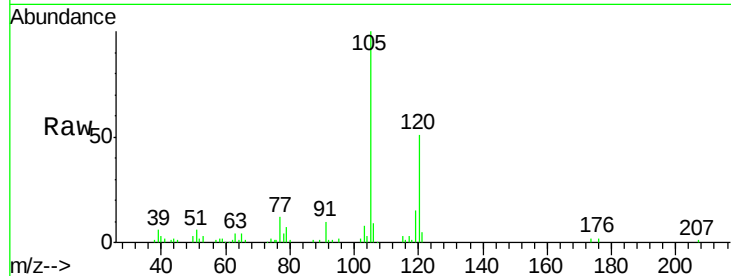
HB-VJ210

Tot Ion: 91 Resp: 5755

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.9#



#83

tert-Butylbenzene

Concen: 1.178 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

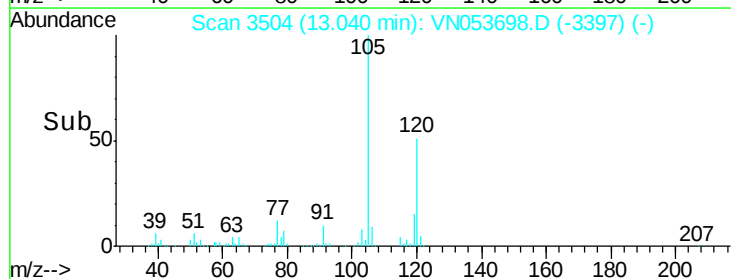
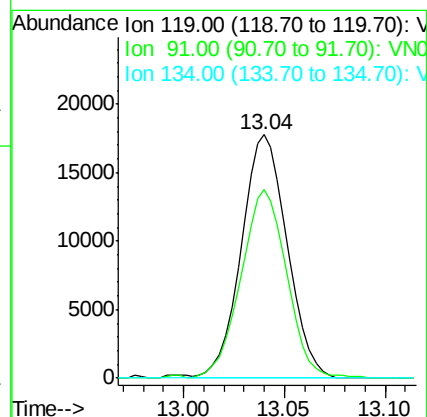
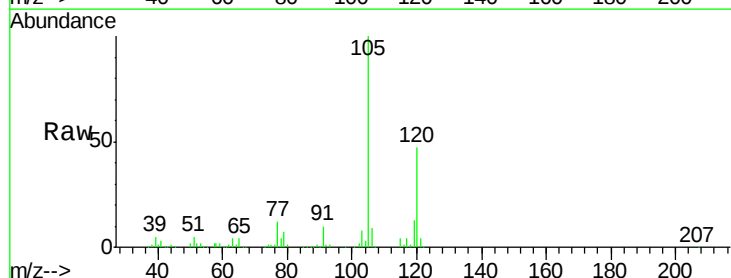
Tgt Ion: 119 Resp: 28159

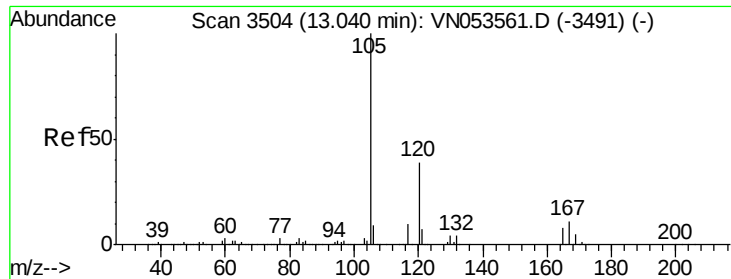
Ion Ratio Lower Upper

119 100

91 77.8 31.3 93.8

134 0.0 12.9 38.7#





#84

1,2,4-Trimethylbenzene

Concen: 7.853 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

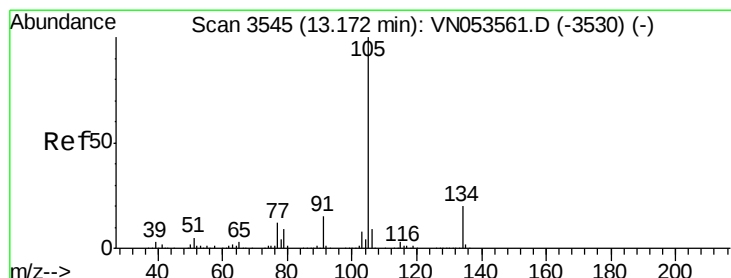
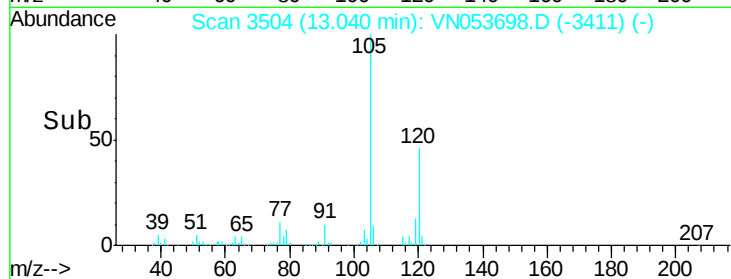
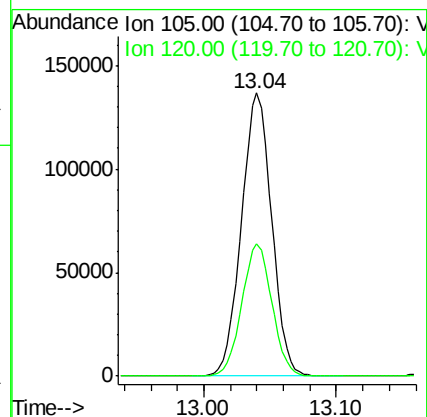
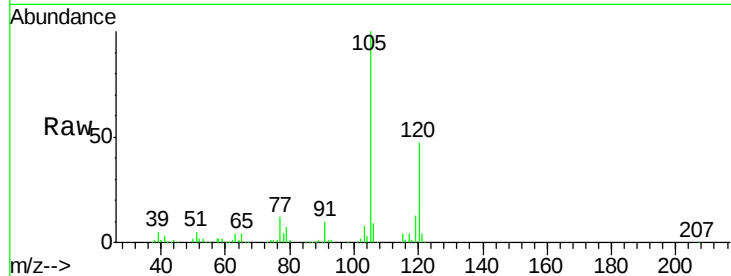
HB-VJ210

Tot Ion:105 Resp: 216305

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0



#85

sec-Butylbenzene

Concen: 6.652 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053698.D

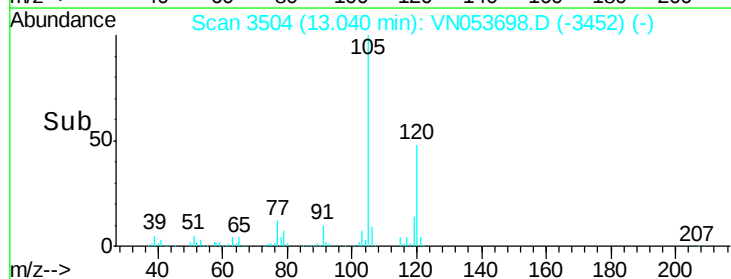
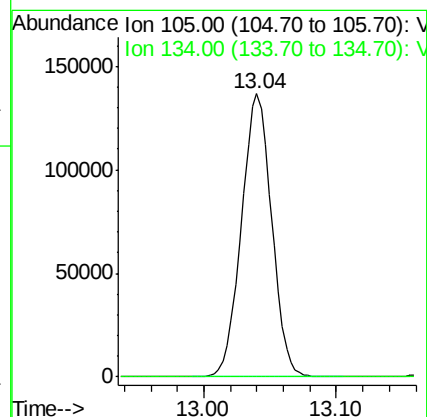
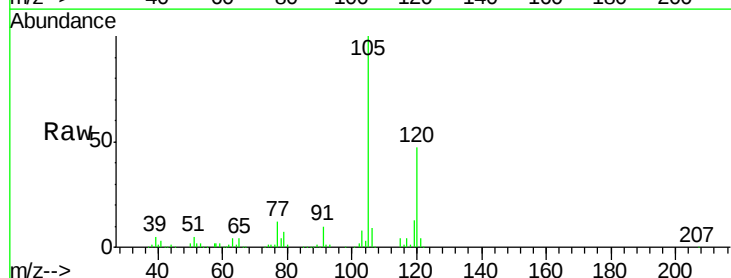
Acq: 11 Feb 2019 12:19

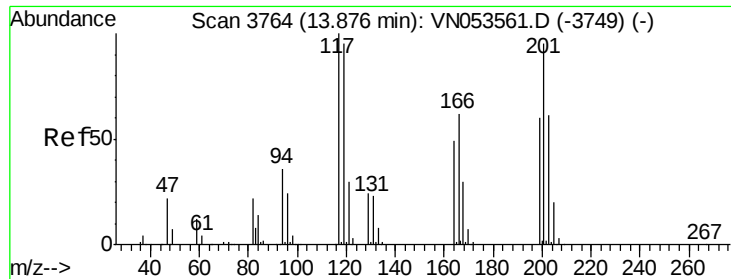
Tgt Ion:105 Resp: 216305

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#





#90

Hexachloroethane

Concen: 0.571 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampled :

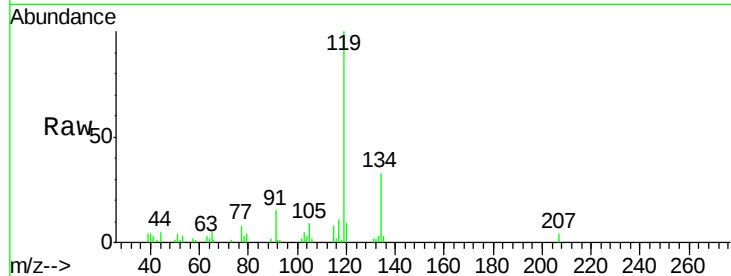
HB-VJ210

Tot Ion:117 Resp: 2679

Ion Ratio Lower Upper

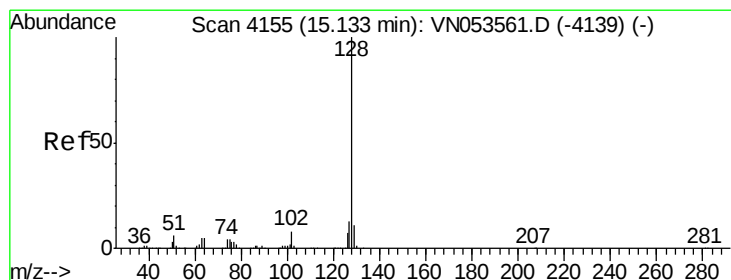
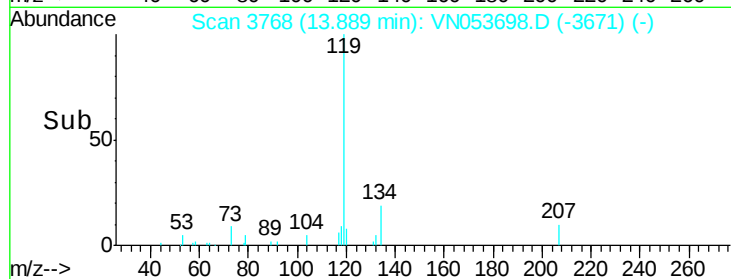
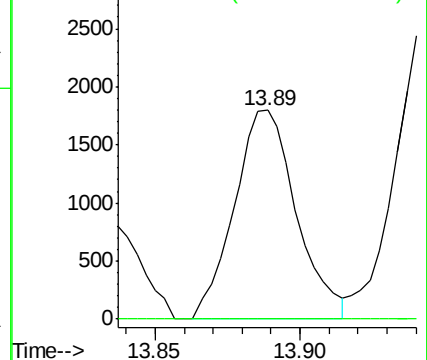
117 100

201 0.0 46.8 140.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 4.282 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

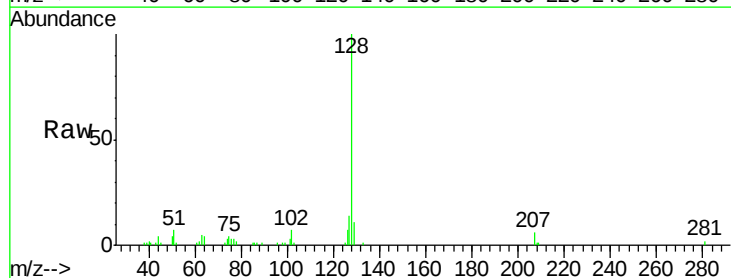
Tgt Ion:128 Resp: 53726

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 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

