

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110618\
 Data File : VN052186.D
 Acq On : 6 Nov 2018 12:34
 Operator : MD\SY
 Sample : J5819-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 BES48_WC

Quant Time: Nov 06 13:00:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 15:24:48 2018
 Response via : Initial Calibration

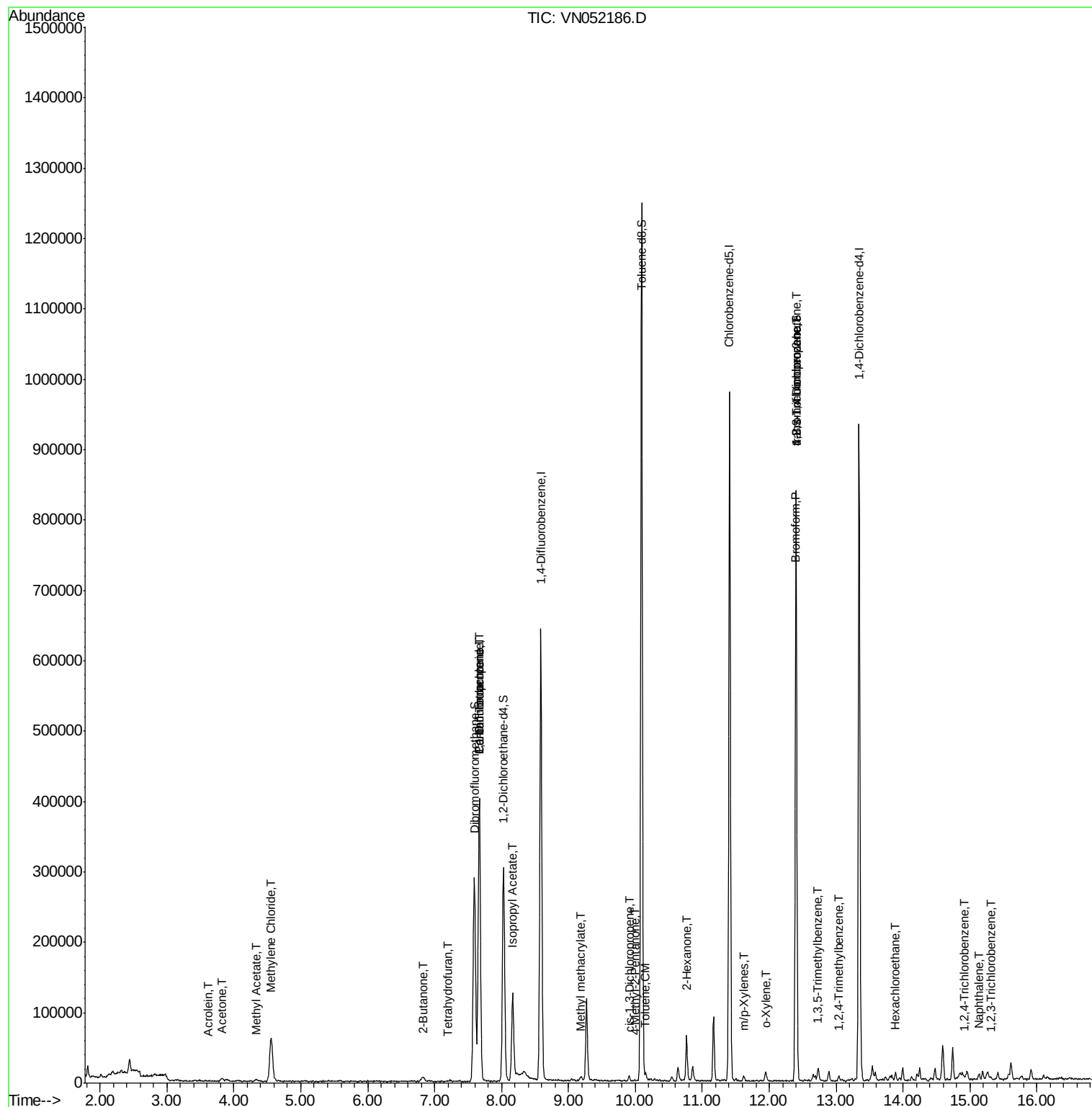
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	317128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	571342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	233891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	248005	65.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.90%	
35) Dibromofluoromethane	7.59	113	218167	61.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.00%	
50) Toluene-d8	10.09	98	844680	61.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.18%	
62) 4-Bromofluorobenzene	12.40	95	284689	63.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.48%	
Target Compounds						
					Qvalue	
13) Acrolein	3.61	56	177	33.318	ug/l	85
16) Acetone	3.82	43	7641	8.969	ug/l	92
18) Methyl Acetate	4.34	43	4409	1.672	ug/l	92
20) Methylene Chloride	4.55	84	47082	13.300	ug/l	96
25) 2-Butanone	6.84	43	667	0.505	ug/l #	50
29) Tetrahydrofuran	7.21	42	430	0.526	ug/l #	55
31) Cyclohexane	7.66	56	7791	Below Cal	#	30
36) 1,1-Dichloropropene	7.66	75	25656	5.076	ug/l #	46
38) Carbon Tetrachloride	7.67	117	31265	6.192	ug/l #	18
43) Isopropyl Acetate	8.17	43	156666	27.166	ug/l	98
48) Methyl methacrylate	9.18	41	3112	1.121	ug/l #	19
49) 1,4-Dioxane	9.25	88	58	Below Cal	#	1
51) 4-Methyl-2-Pentanone	9.99	43	740	0.243	ug/l #	38
52) Toluene	10.16	92	3865	0.431	ug/l	85
54) cis-1,3-Dichloropropene	9.92	75	1169	0.209	ug/l #	71
59) 2-Hexanone	10.77	43	9186	4.331	ug/l #	56
68) m/p-Xylenes	11.62	106	2031	0.281	ug/l	99
69) o-Xylene	11.95	106	3623	0.517	ug/l	85
71) Bromoform	12.38	173	218	2.877	ug/l #	29
74) N-amyl acetate	12.05	43	257	Below Cal	#	56
76) 1,2,3-Trichloropropane	12.40	75	146636	47.433	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8668	0.606	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	146636	142.646	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	4012	0.282	ug/l	94
90) Hexachloroethane	13.87	117	536	0.221	ug/l #	19
93) 1,2,4-Trichlorobenzene	14.91	180	769	2.459	ug/l #	69
94) Hexachlorobutadiene	15.00	225	109	Below Cal	#	7
95) Naphthalene	15.13	128	7015	0.979	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.32	180	739	1.981	ug/l #	55

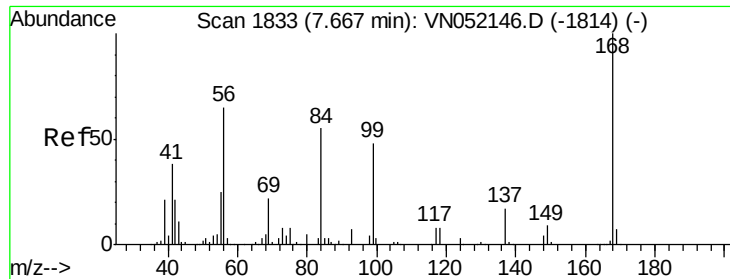
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052186.D

Acq: 6 Nov 2018 12:34

Instrument :

MSVOA_N

ClientSampled :

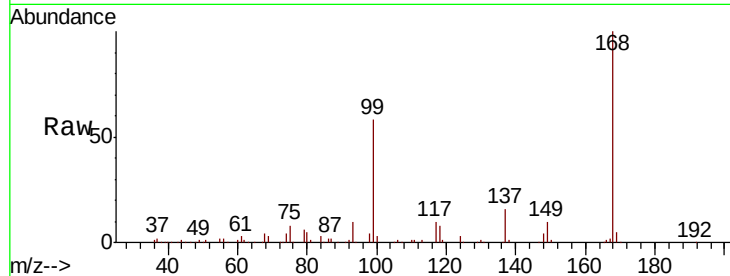
BES48_WC

Tgt Ion:168 Resp: 317128

Ion Ratio Lower Upper

168 100

99 58.1 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052186.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052186.D (-1740) (-)

7.67

150000

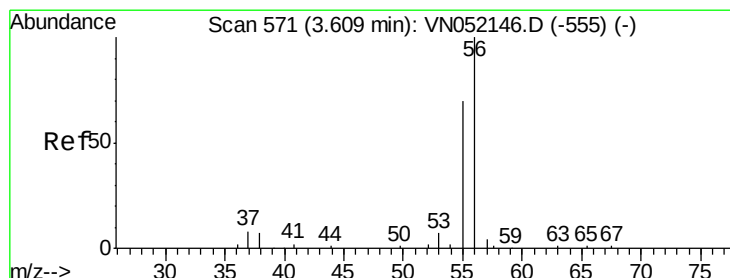
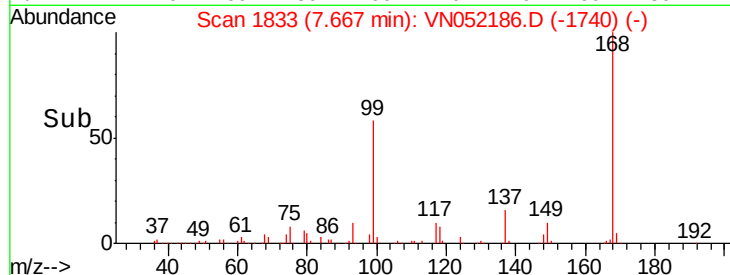
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#13

Acrolein

Concen: 33.318 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052186.D

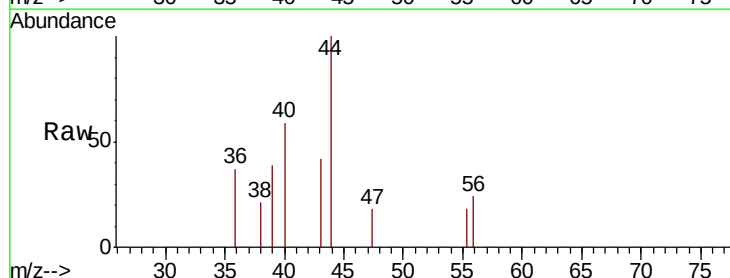
Acq: 6 Nov 2018 12:34

Tgt Ion: 56 Resp: 177

Ion Ratio Lower Upper

56 100

55 62.1 59.9 89.9



Abundance Ion 56.00 (55.70 to 56.70): VN052186.D (-478) (-)

Ion 55.00 (54.70 to 55.70): VN052186.D (-478) (-)

3.61

300

250

200

150

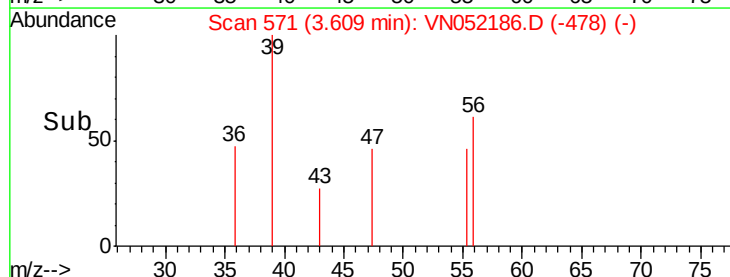
100

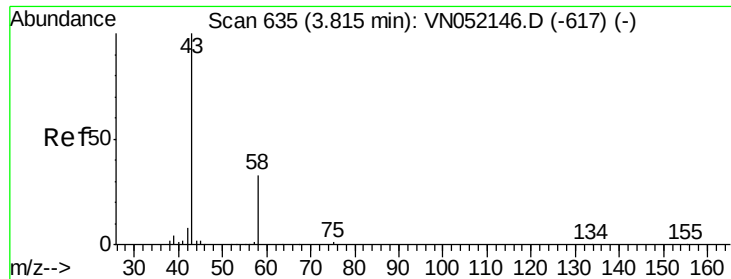
50

0

3.59 3.60 3.61 3.62 3.63

Time-->





#16

Acetone

Concen: 8.969 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

Instrument :

MSVOA_N

ClientSampled :

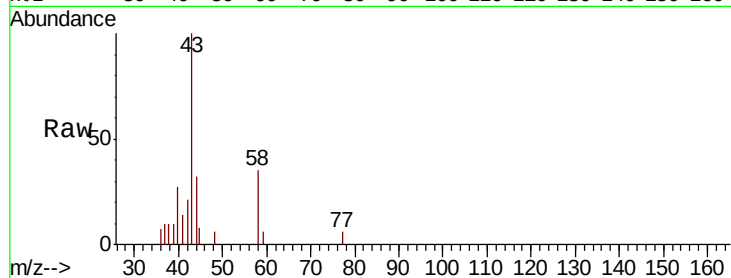
BES48_WC

Tgt Ion: 43 Resp: 7641

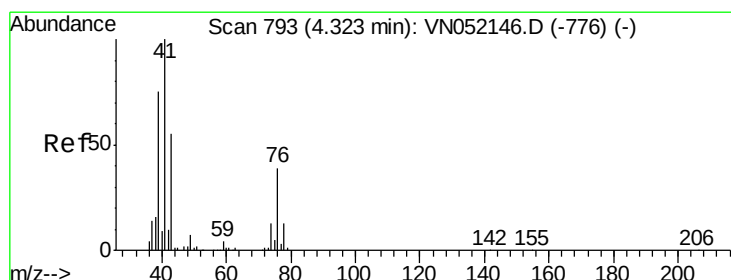
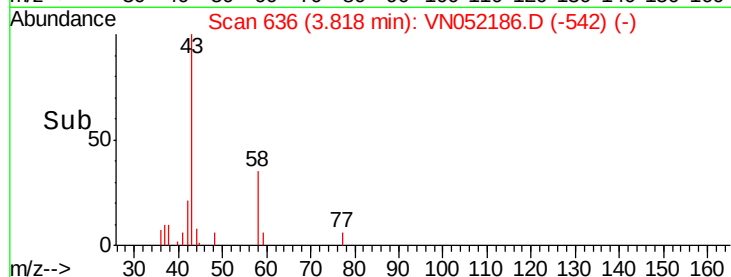
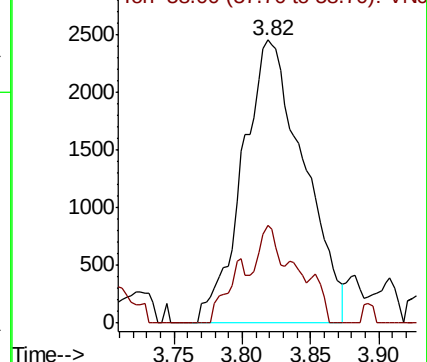
Ion Ratio Lower Upper

43 100

58 34.6 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN052186.D (-542) (-)



#18

Methyl Acetate

Concen: 1.672 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN052186.D

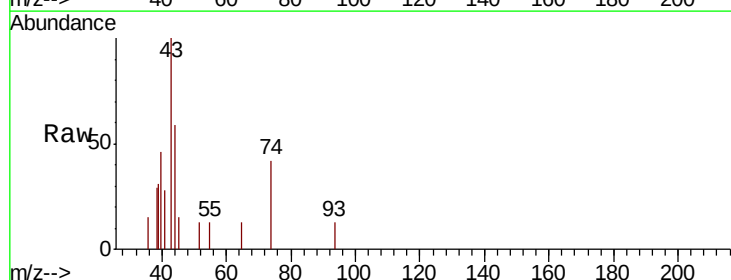
Acq: 6 Nov 2018 12:34

Tgt Ion: 43 Resp: 4409

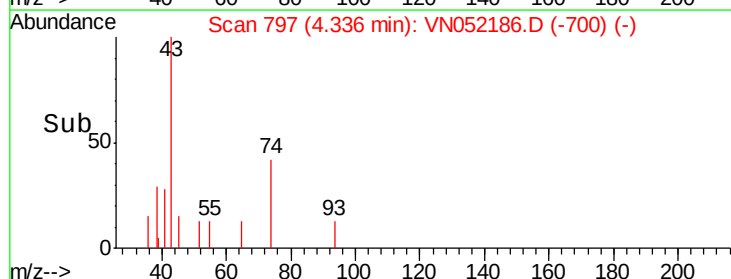
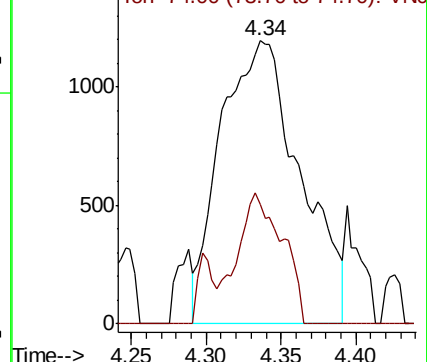
Ion Ratio Lower Upper

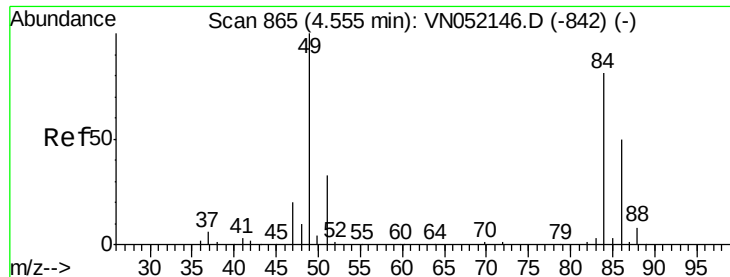
43 100

74 26.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN052186.D (-700) (-)

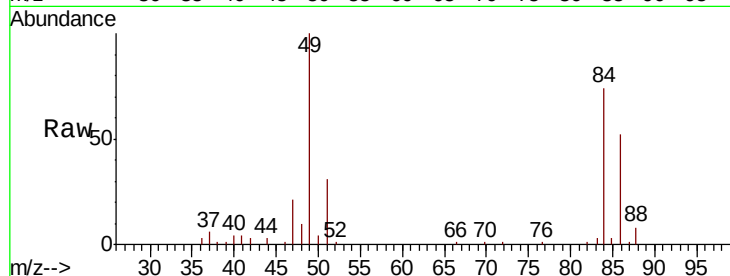




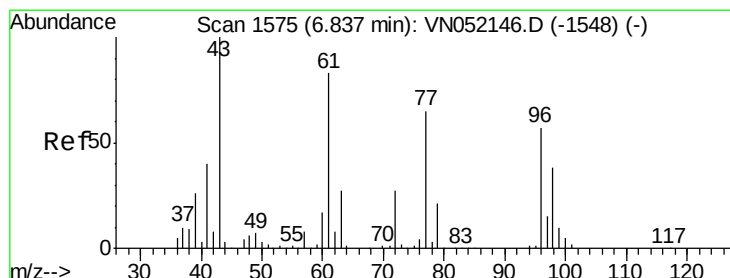
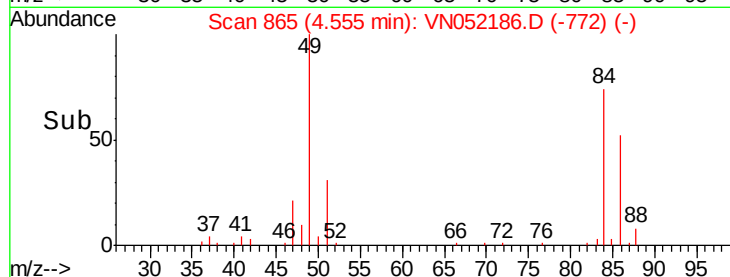
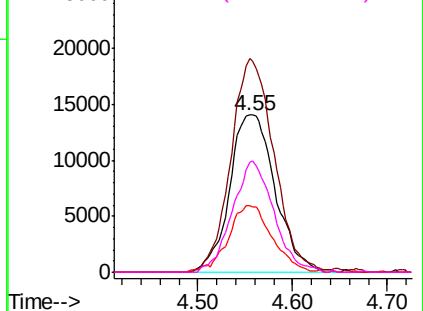
#20
Methylene Chloride
Concen: 13.300 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Instrument :
MSVOA_N
ClientSampleId :
BES48_WC

Tgt Ion: 84 Resp: 47082
Ion Ratio Lower Upper
84 100
49 135.8 110.6 165.8
51 42.7 33.7 50.5
86 70.1 50.5 75.7

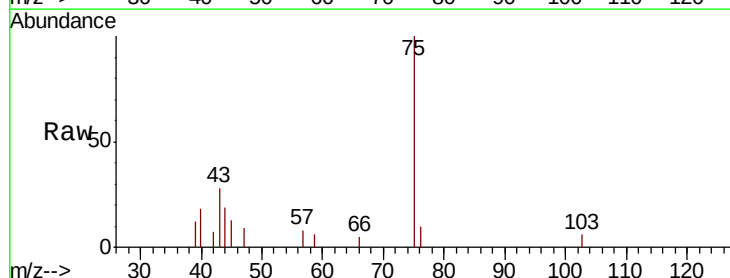


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

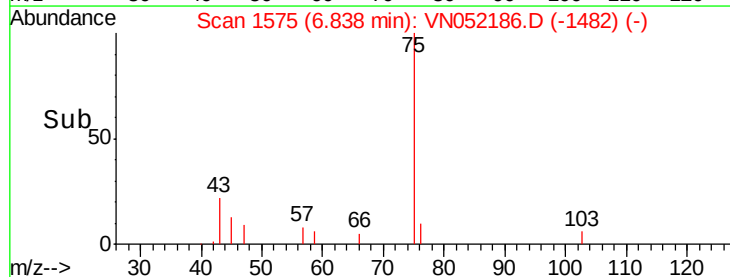
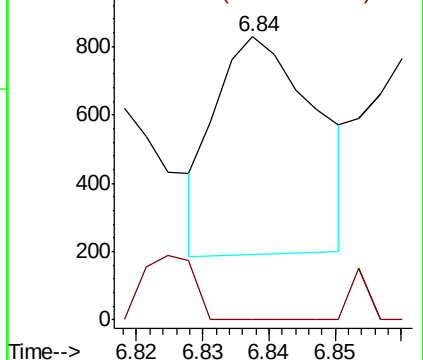


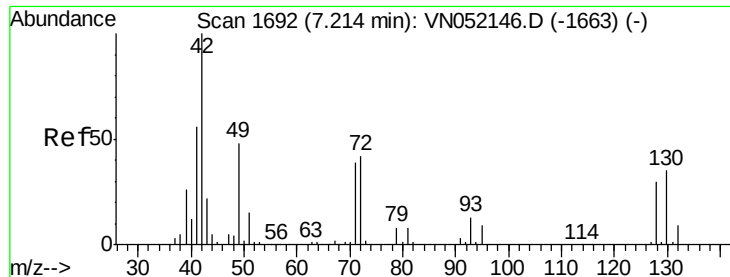
#25
2-Butanone
Concen: 0.505 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

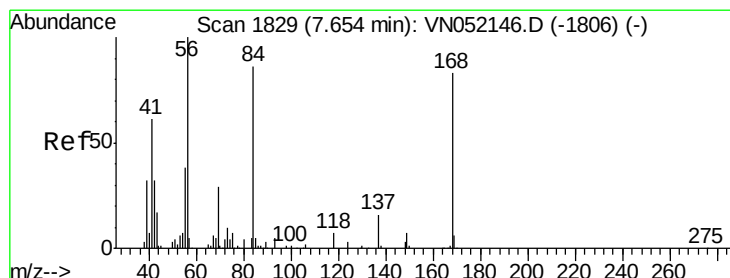
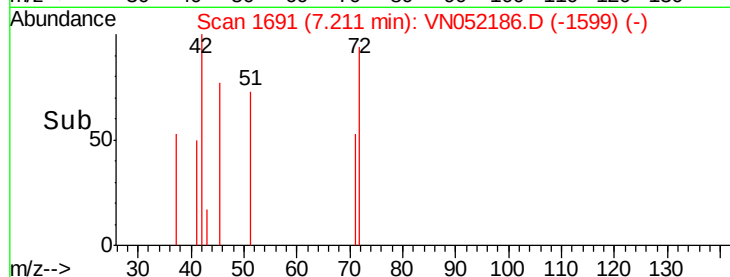
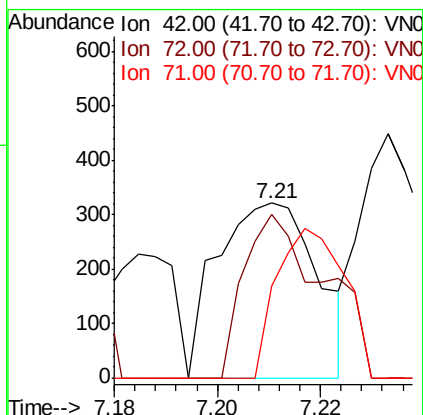
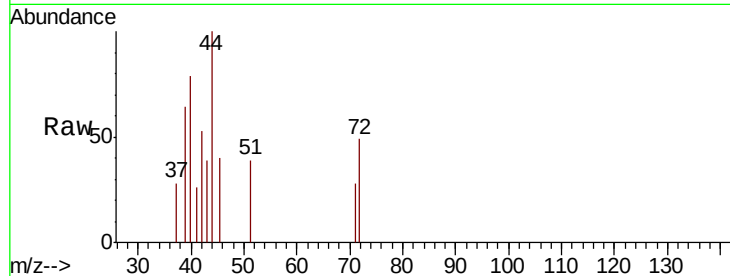




#29
Tetrahydrofuran
Concen: 0.526 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

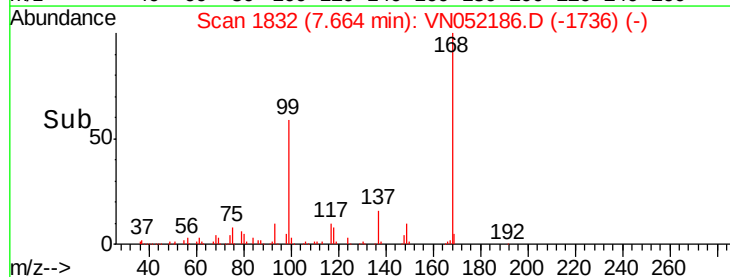
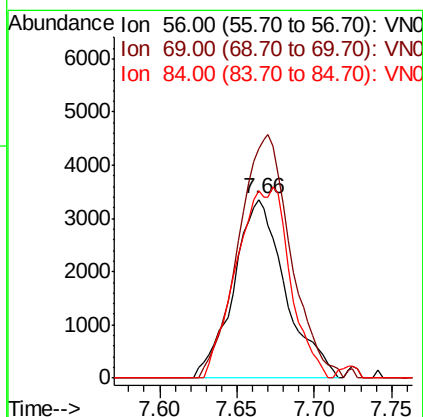
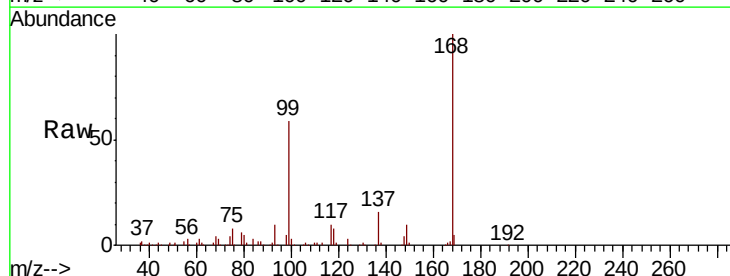
Instrument :
MSVOA_N
ClientSampled :
BES48_WC

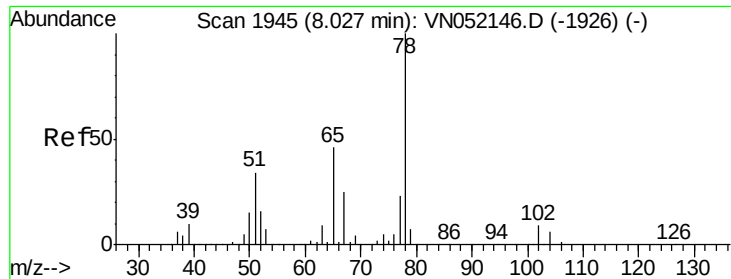
Tgt Ion: 42 Resp: 430
Ion Ratio Lower Upper
42 100
72 75.3 32.5 48.7#
71 58.1 30.6 46.0#



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Tgt Ion: 56 Resp: 7791
Ion Ratio Lower Upper
56 100
69 128.3 25.8 38.6#
84 104.9 63.5 95.3#

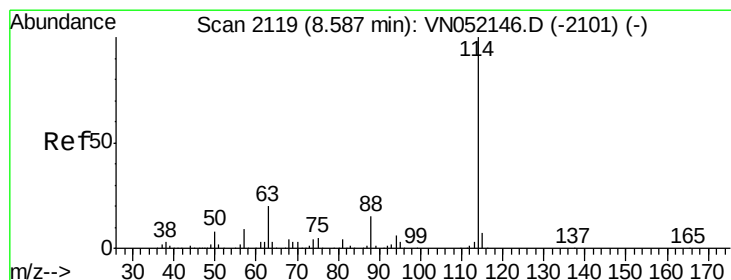
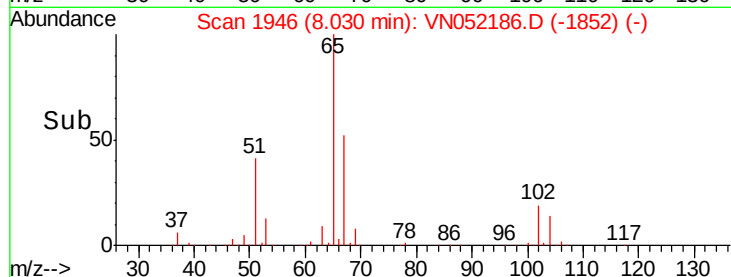
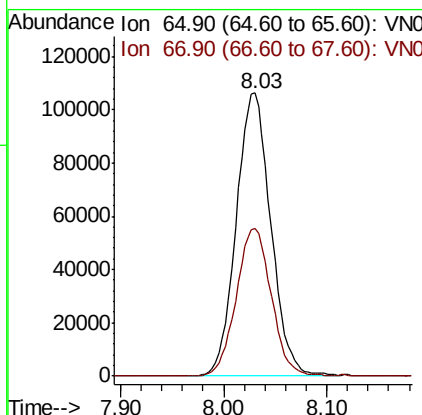
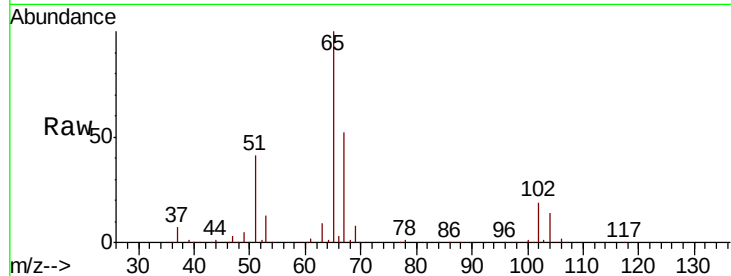




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052186.D
 Acq: 6 Nov 2018 12:34

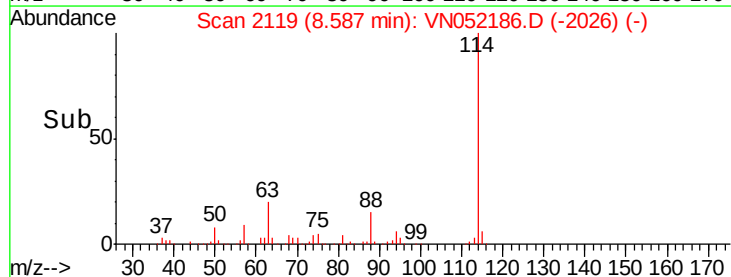
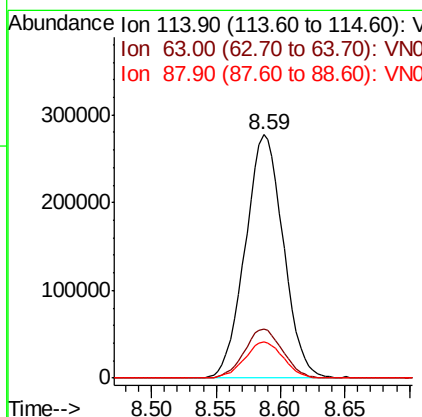
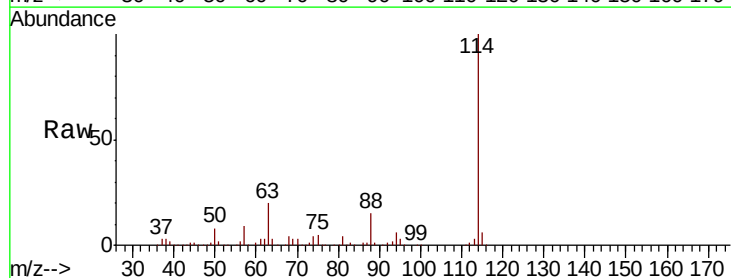
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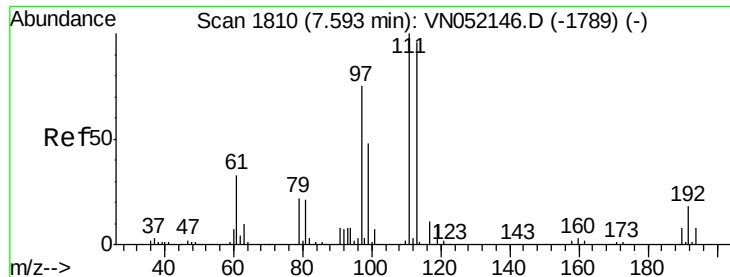
Tgt Ion: 65 Resp: 248005
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052186.D
 Acq: 6 Nov 2018 12:34

Tgt Ion: 114 Resp: 571342
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 46.0
 88 15.0 0.0 35.4

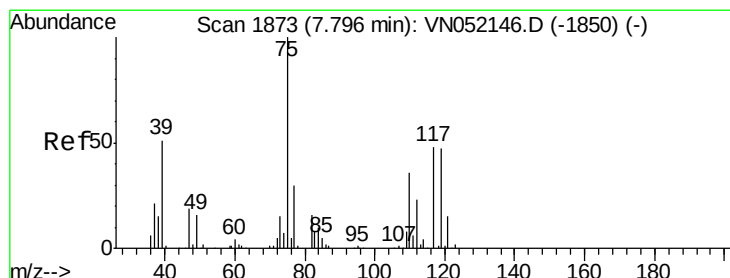
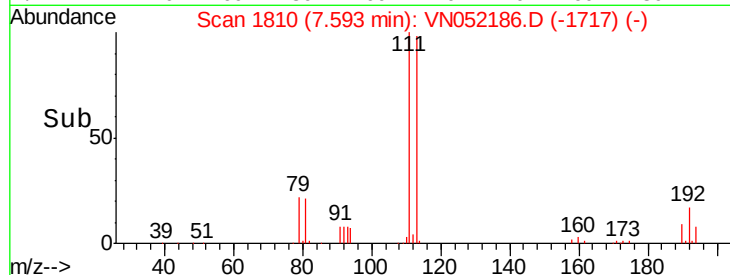
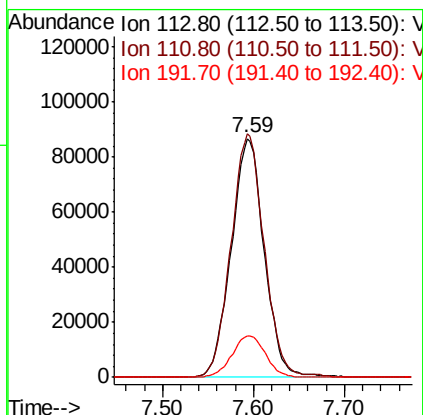
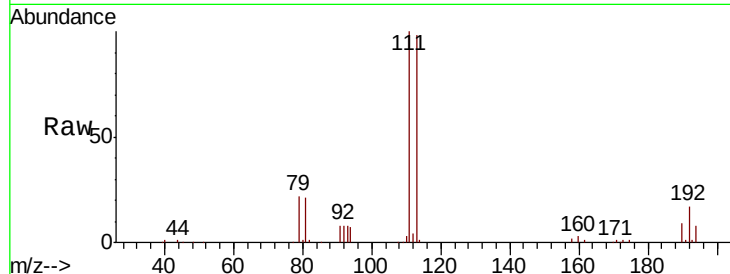




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052186.D
 Acq: 6 Nov 2018 12:34

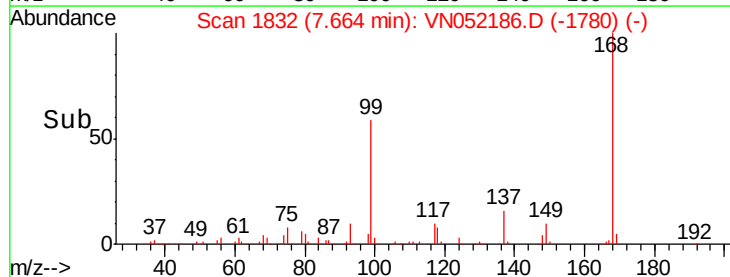
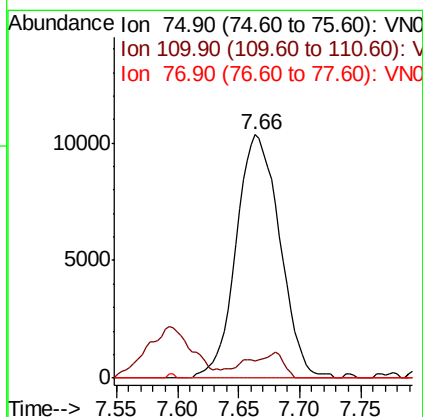
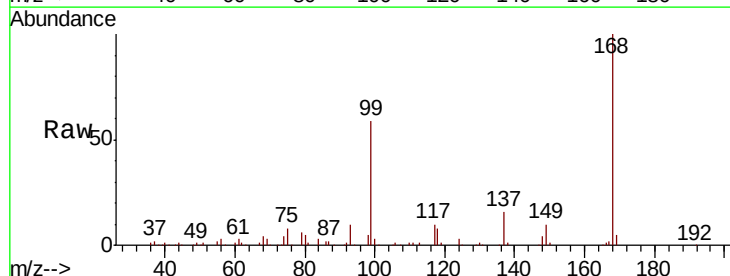
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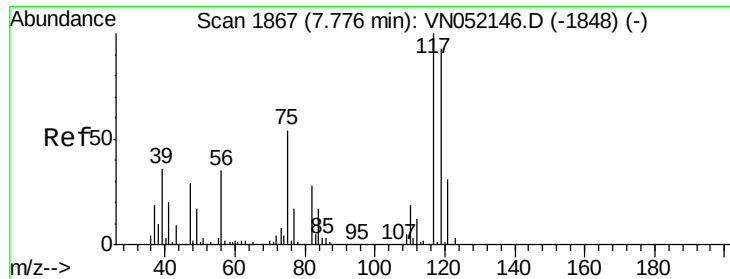
Tgt Ion: 113 Resp: 218167
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.1 124.7
 192 17.7 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 5.076 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052186.D
 Acq: 6 Nov 2018 12:34

Tgt Ion: 75 Resp: 25656
 Ion Ratio Lower Upper
 75 100
 110 3.1 16.0 48.0#
 77 0.0 24.5 36.7#

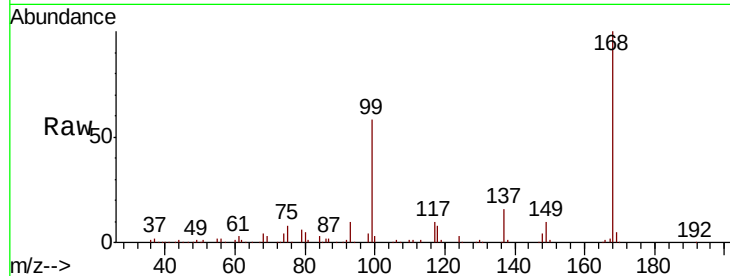




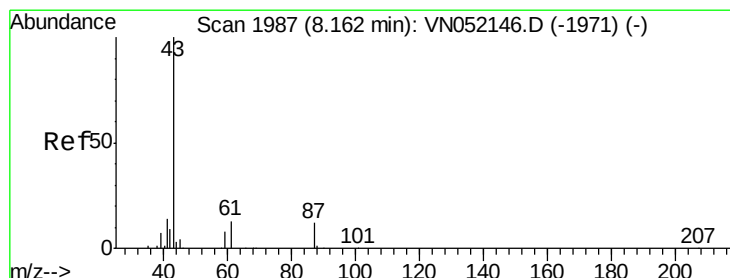
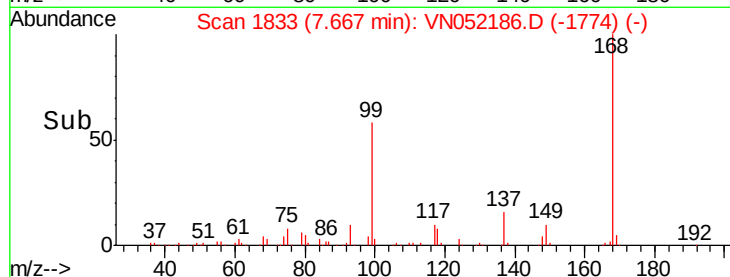
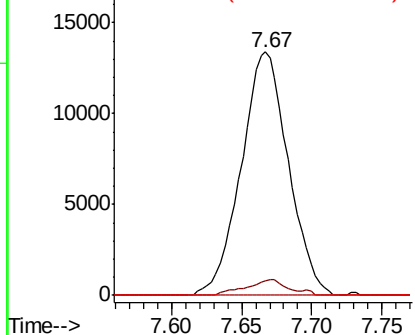
#38
Carbon Tetrachloride
Concen: 6.192 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Instrument :
MSVOA_N
ClientSampled :
BES48_WC

Tgt Ion:117 Resp: 31265
Ion Ratio Lower Upper
117 100
119 5.8 74.8 112.2#
121 0.0 25.1 37.7#

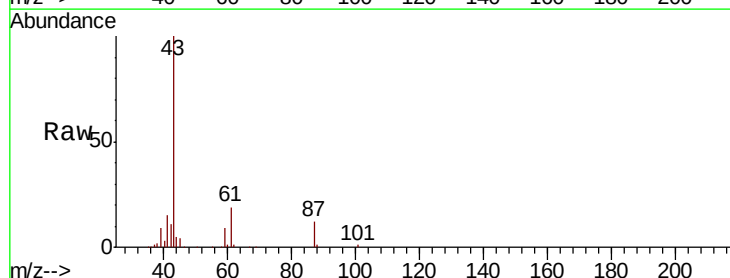


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

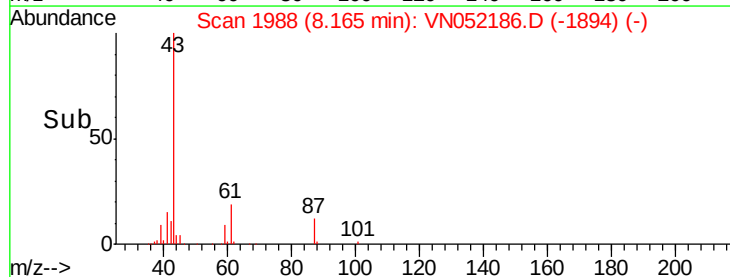
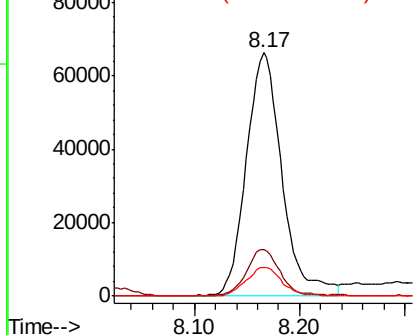


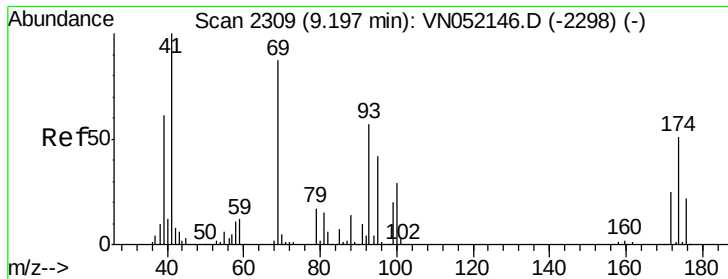
#43
Isopropyl Acetate
Concen: 27.166 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Tgt Ion: 43 Resp: 156666
Ion Ratio Lower Upper
43 100
61 17.8 15.4 23.0
87 11.6 9.8 14.8



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

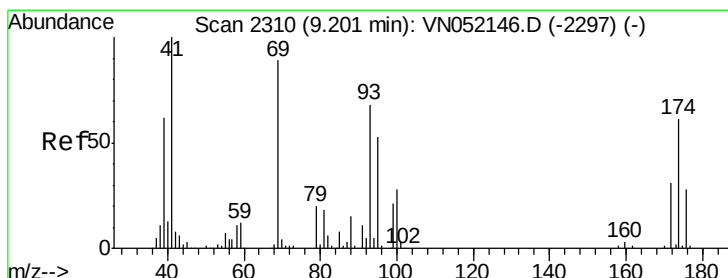
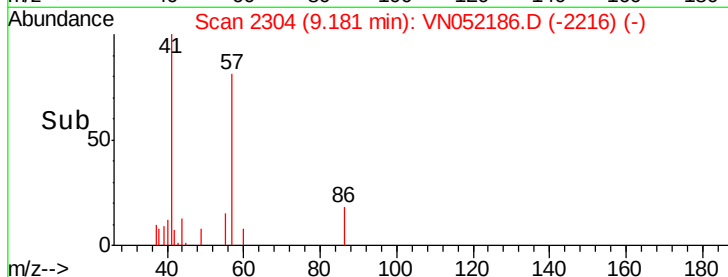
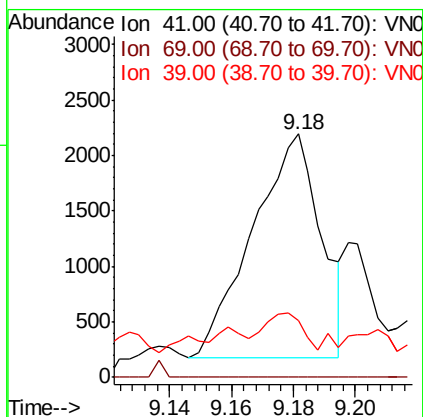
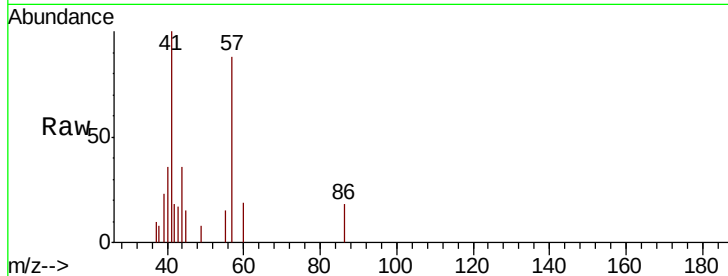




#48
Methyl methacrylate
Concen: 1.121 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

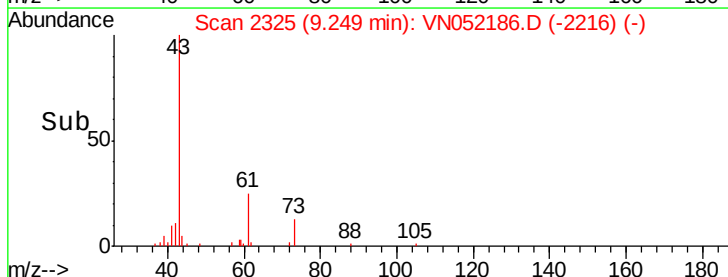
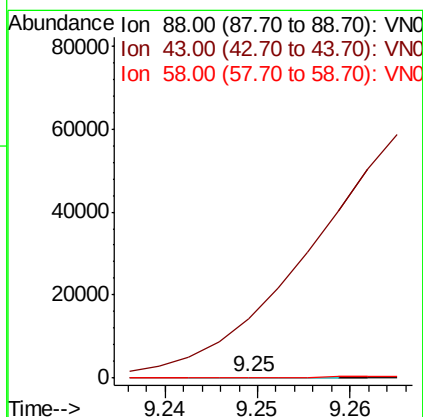
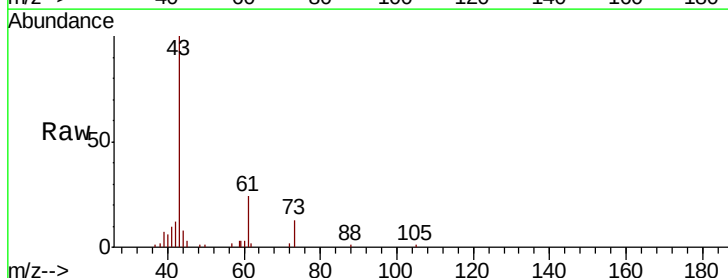
Instrument :
MSVOA_N
ClientSampled :
BES48_WC

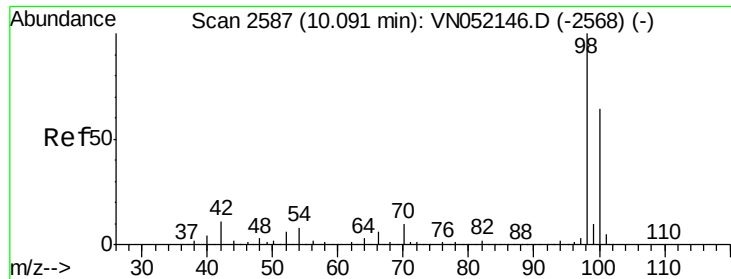
Tgt Ion: 41 Resp: 3112
Ion Ratio Lower Upper
41 100
69 0.0 67.1 100.7#
39 12.2 50.5 75.7#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.25 min Scan# 2325
Delta R.T. 0.05 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 202850.0 34.1 51.1#
58 1125.9 62.8 94.2#





#50

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

Instrument :

MSVOA_N

ClientSampled :

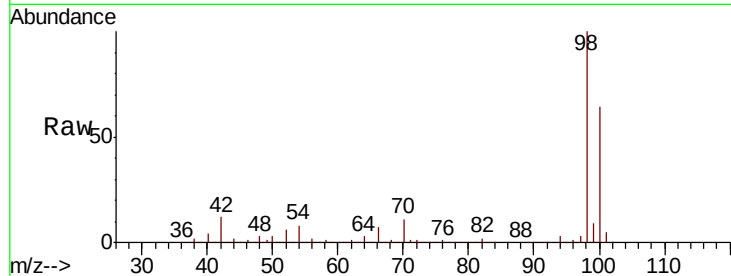
BES48_WC

Tgt Ion: 98 Resp: 844680

Ion Ratio Lower Upper

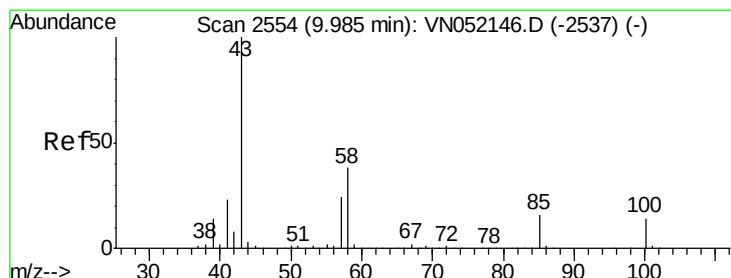
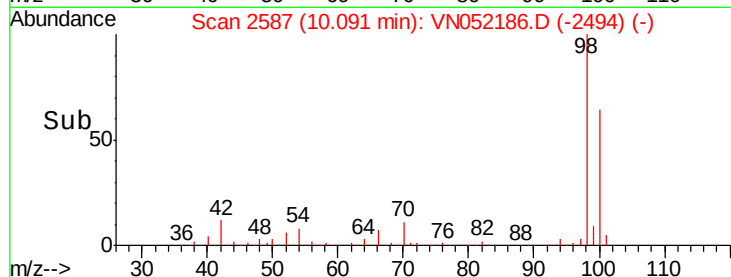
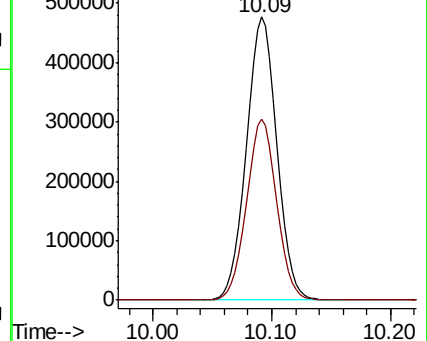
98 100

100 63.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.243 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052186.D

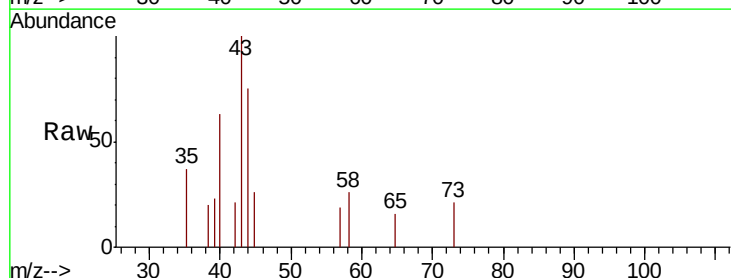
Acq: 6 Nov 2018 12:34

Tgt Ion: 43 Resp: 740

Ion Ratio Lower Upper

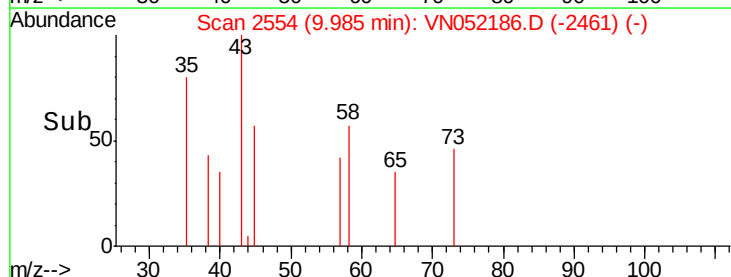
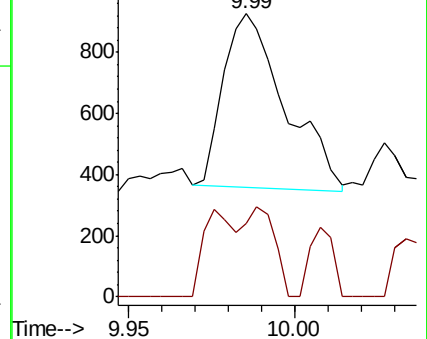
43 100

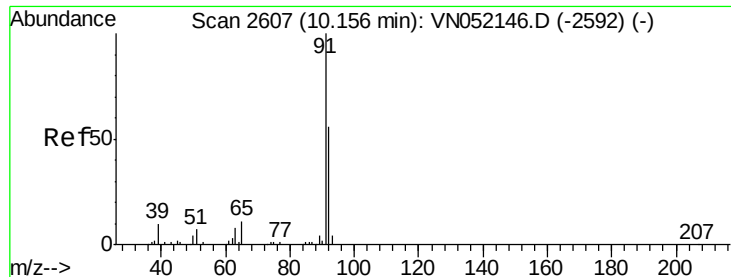
58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 0.431 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

Instrument :

MSVOA_N

ClientSampled :

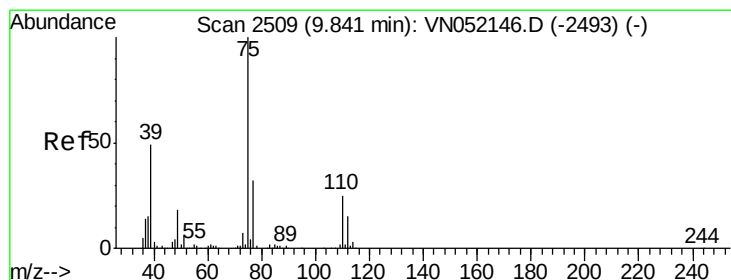
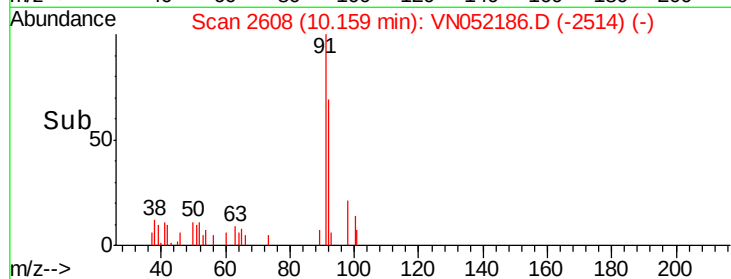
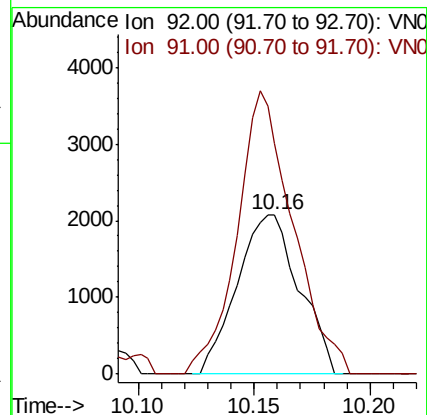
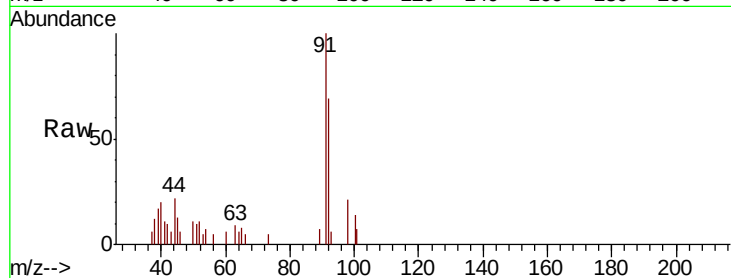
BES48_WC

Tgt Ion: 92 Resp: 3865

Ion Ratio Lower Upper

92 100

91 159.2 143.9 215.9



#54

cis-1,3-Dichloropropene

Concen: 0.209 ug/l

RT: 9.92 min Scan# 2534

Delta R.T. 0.08 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

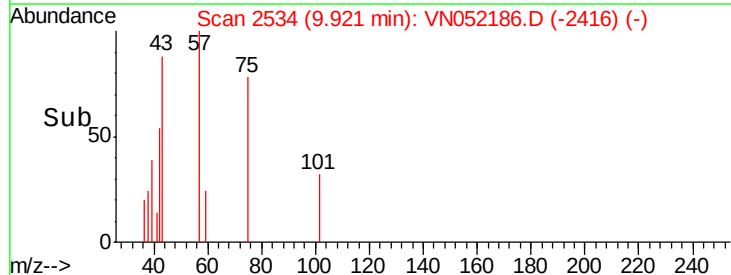
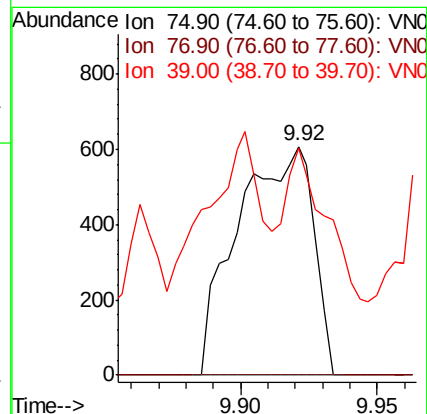
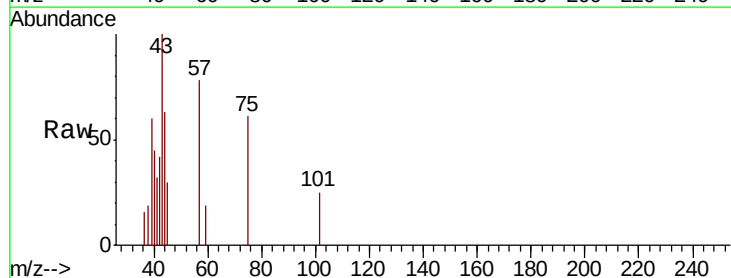
Tgt Ion: 75 Resp: 1169

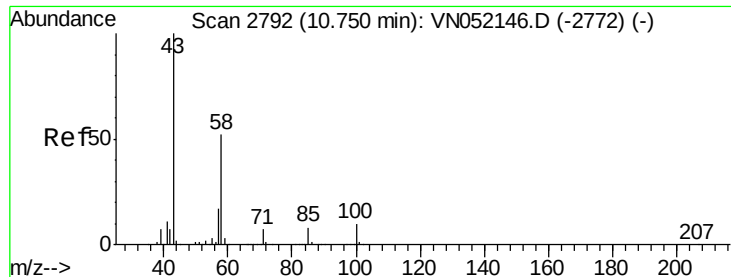
Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 43.9 42.3 63.5

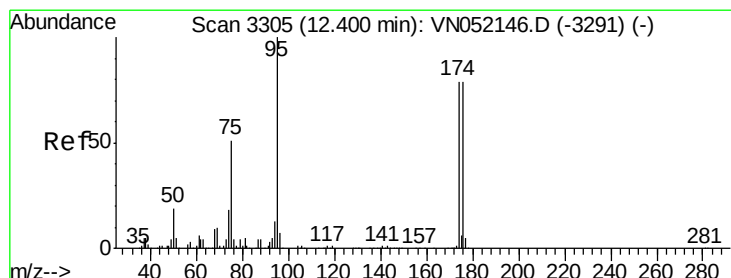
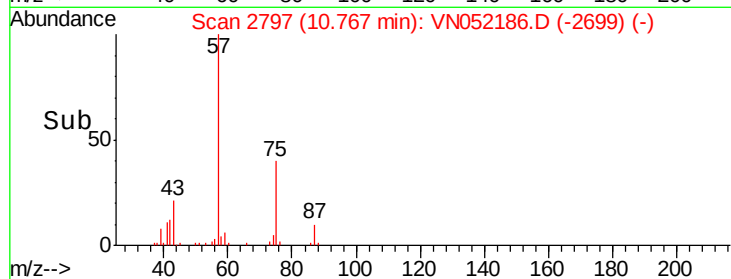
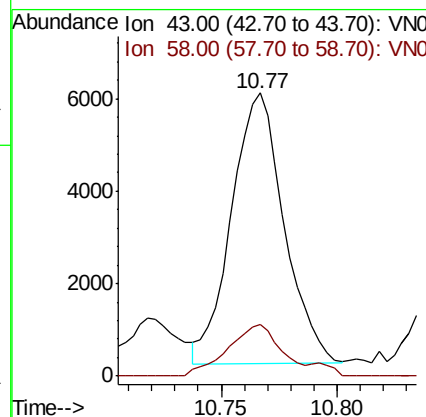
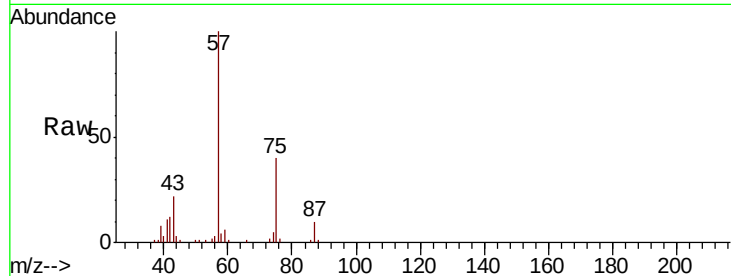




#59
2-Hexanone
Concen: 4.331 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

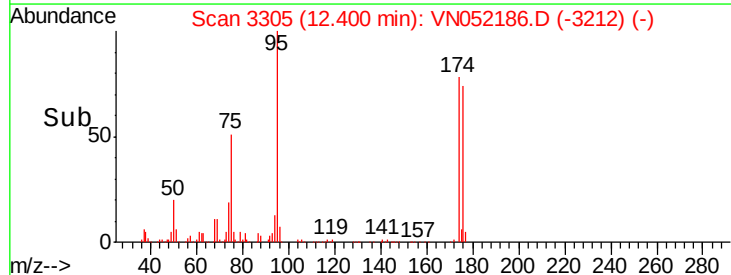
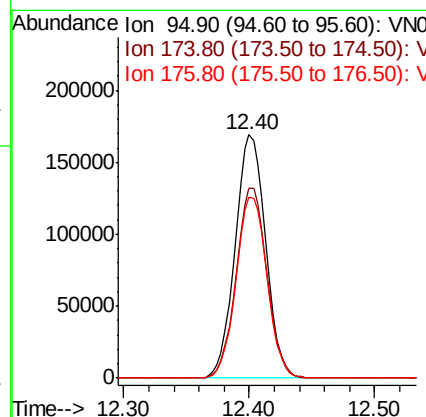
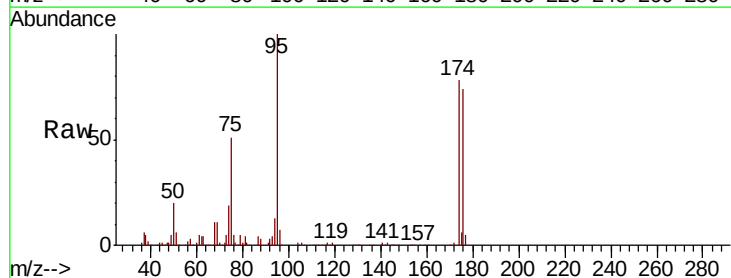
Instrument :
MSVOA_N
ClientSampleId :
BES48_WC

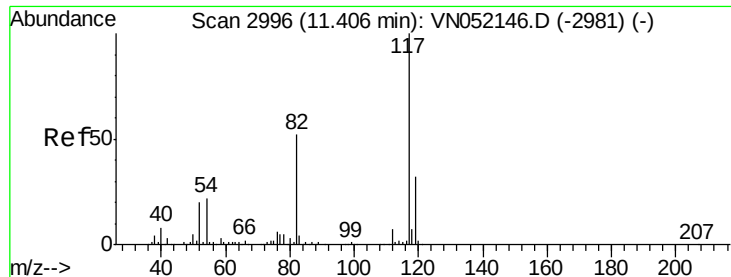
Tgt Ion: 43 Resp: 9186
Ion Ratio Lower Upper
43 100
58 19.7 25.2 75.6#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Tgt Ion: 95 Resp: 284689
Ion Ratio Lower Upper
95 100
174 78.7 0.0 131.8
176 75.5 0.0 126.0

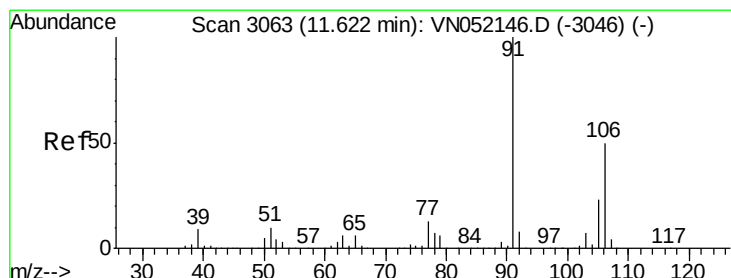
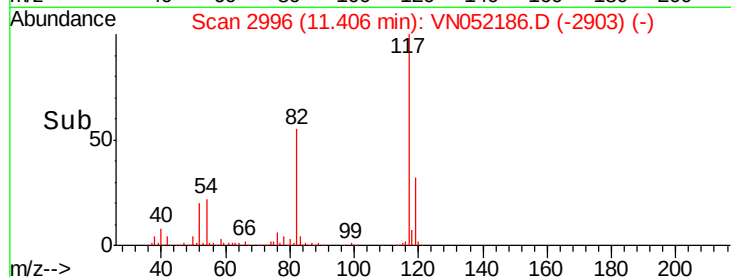
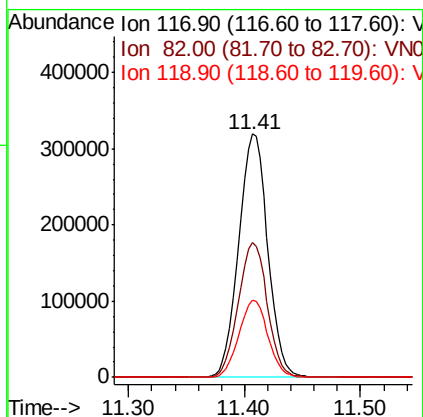
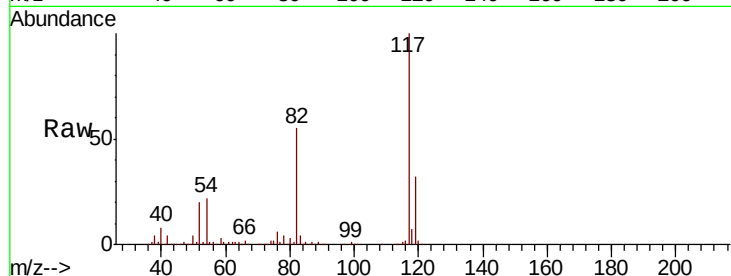




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

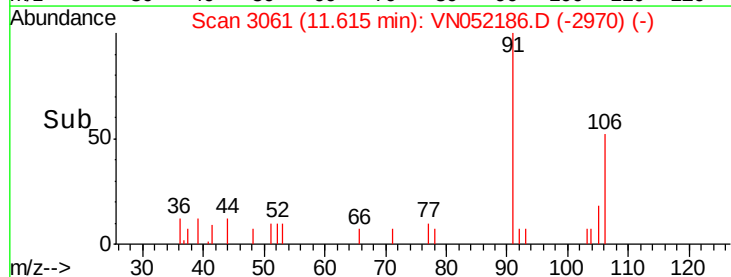
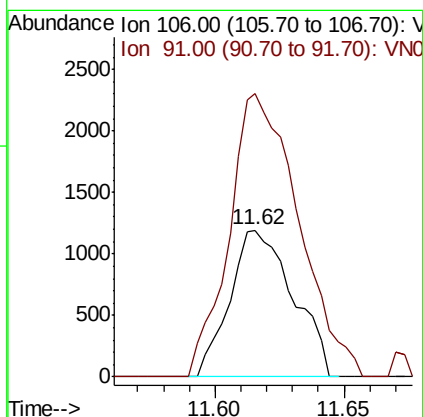
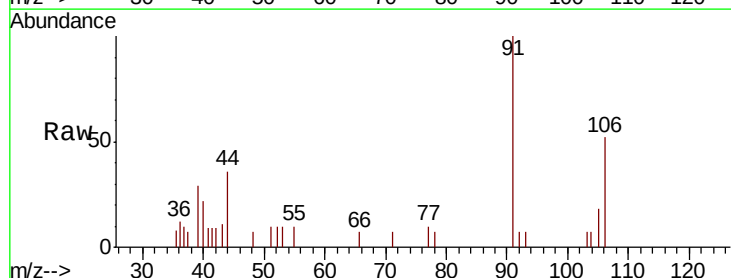
Instrument :
MSVOA_N
ClientSampled :
BES48_WC

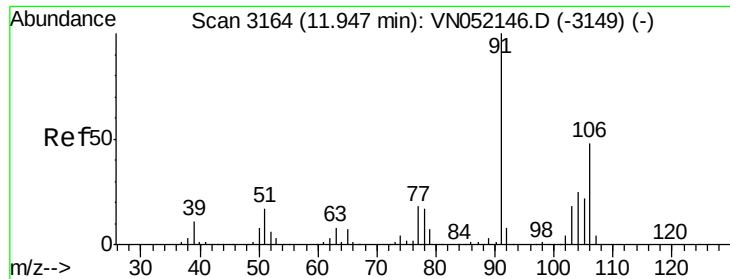
Tgt Ion:117 Resp: 553655
Ion Ratio Lower Upper
117 100
82 55.3 49.9 74.9
119 31.6 25.7 38.5



#68
m/p-Xylenes
Concen: 0.281 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Tgt Ion:106 Resp: 2031
Ion Ratio Lower Upper
106 100
91 213.0 168.7 253.1

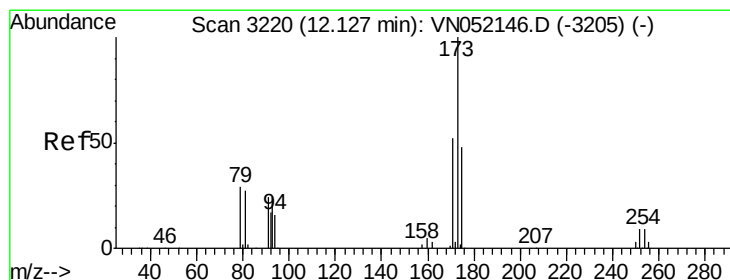
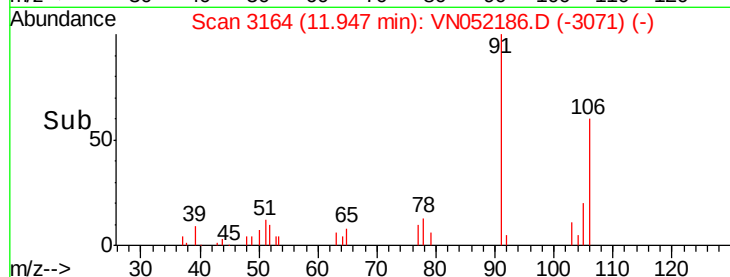
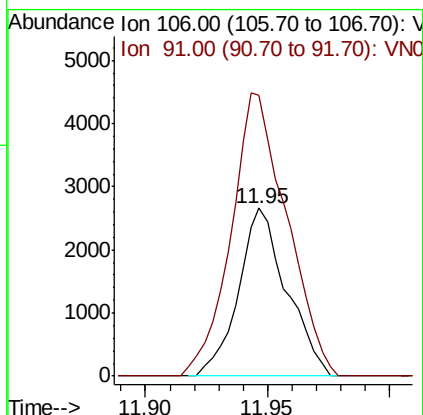
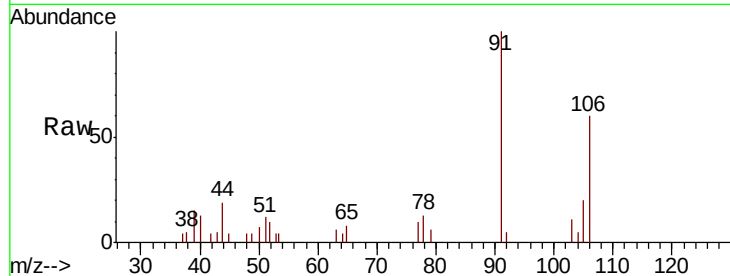




#69
o-Xylene
Concen: 0.517 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

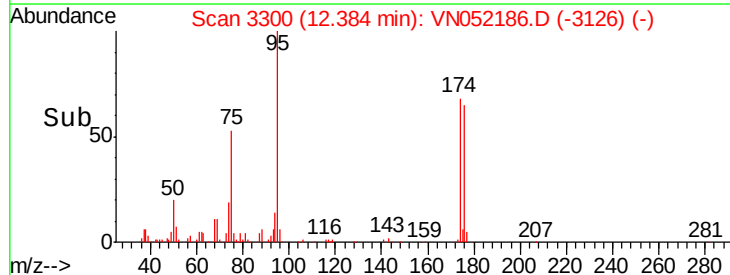
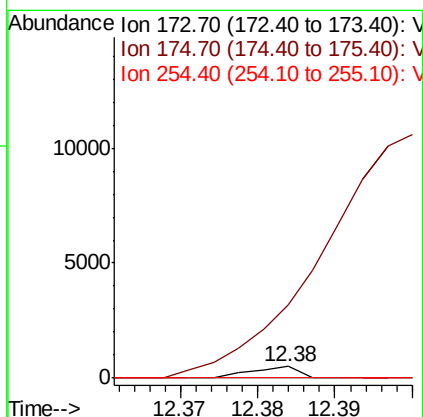
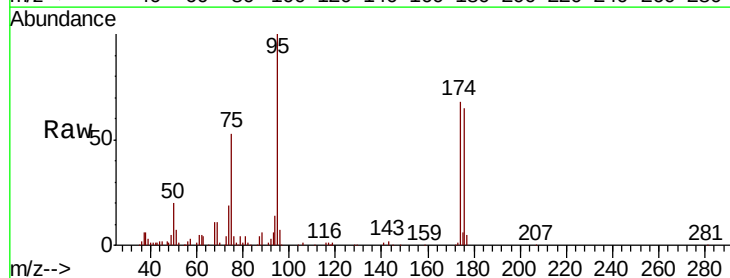
Instrument :
MSVOA_N
ClientSampleId :
BES48_WC

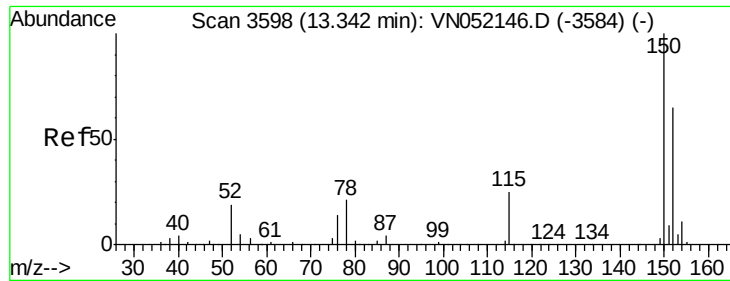
Tgt Ion:106 Resp: 3623
Ion Ratio Lower Upper
106 100
91 195.8 109.6 328.6



#71
Bromoform
Concen: 2.877 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Tgt Ion:173 Resp: 218
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.7#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

Instrument :

MSVOA_N

ClientSampled :

BES48_WC

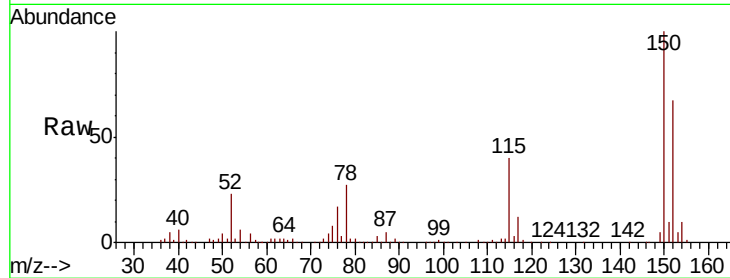
Tgt Ion:152 Resp: 233891

Ion Ratio Lower Upper

152 100

115 61.0 31.6 95.0

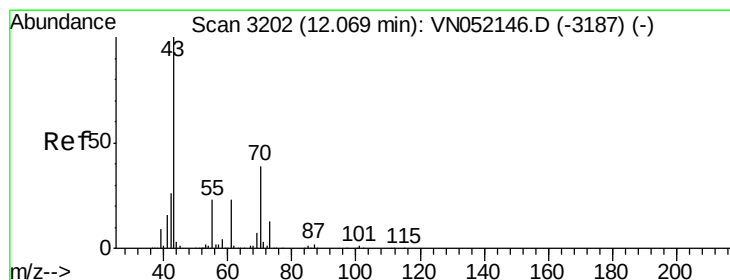
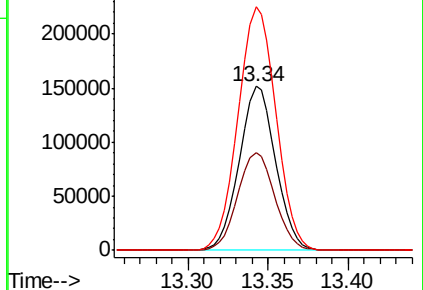
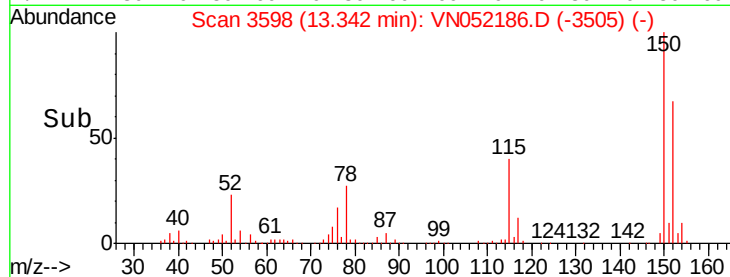
150 155.3 0.0 345.0



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



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.05 min Scan# 3197

Delta R.T. -0.02 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

Tgt Ion: 43 Resp: 257

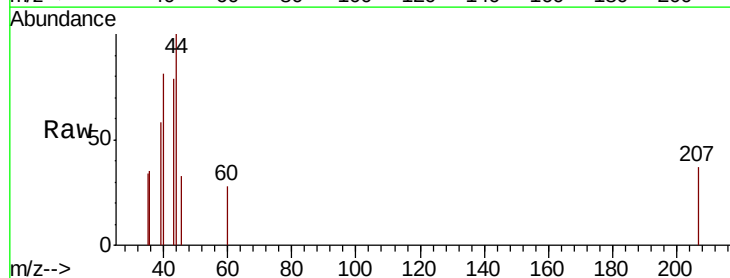
Ion Ratio Lower Upper

43 100

70 0.0 31.9 47.9#

55 25.3 18.4 27.6

61 0.0 18.2 27.4#

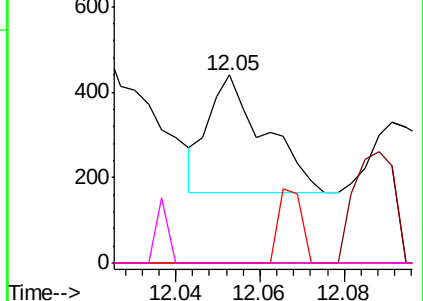
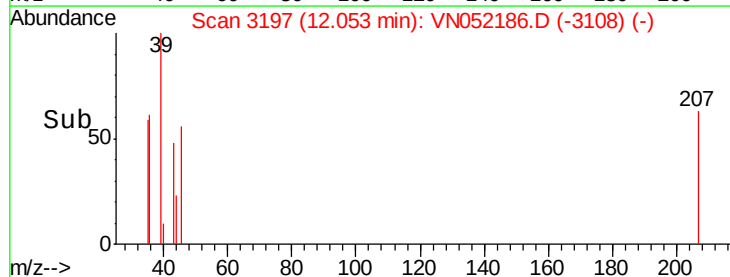


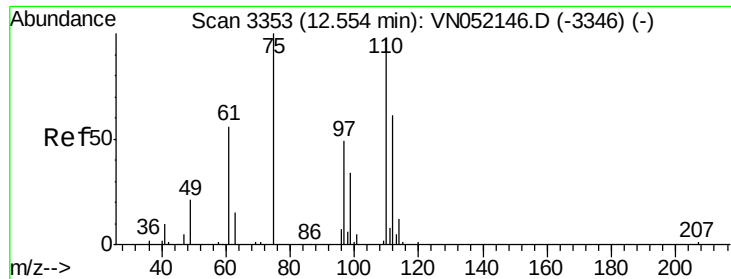
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 47.433 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

Instrument :

MSVOA_N

ClientSampleId :

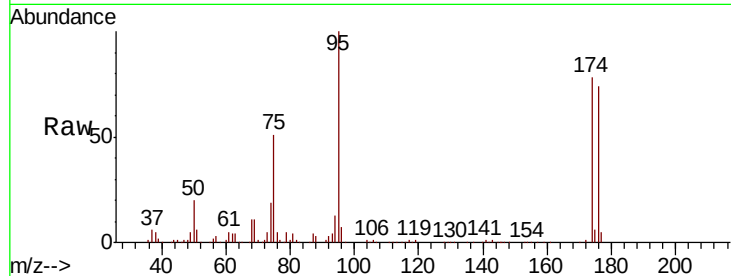
BES48_WC

Tgt Ion: 75 Resp: 146636

Ion Ratio Lower Upper

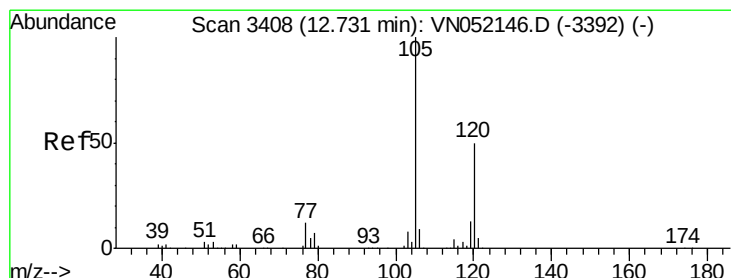
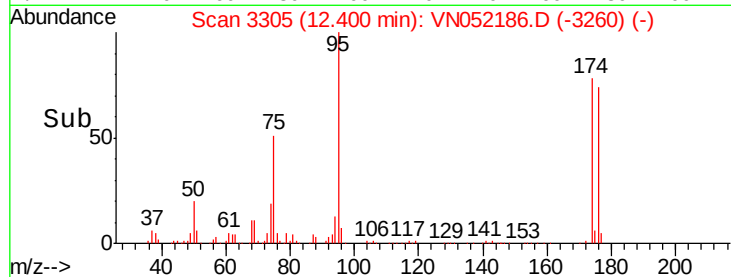
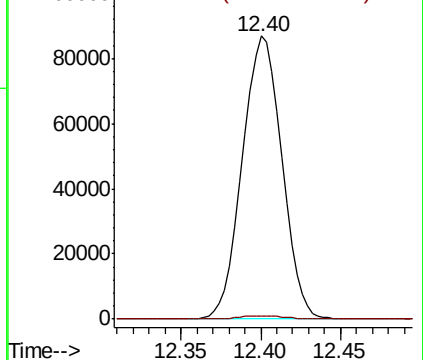
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052186.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN052186.D (-3260) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.606 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052186.D

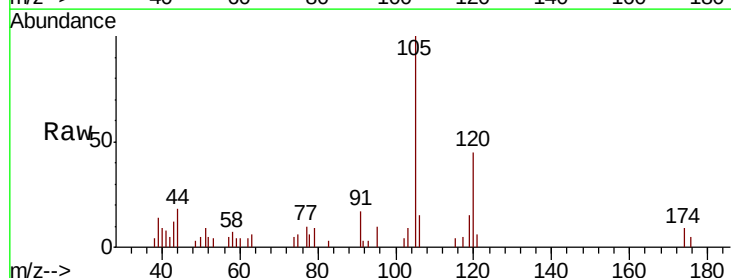
Acq: 6 Nov 2018 12:34

Tgt Ion: 105 Resp: 8668

Ion Ratio Lower Upper

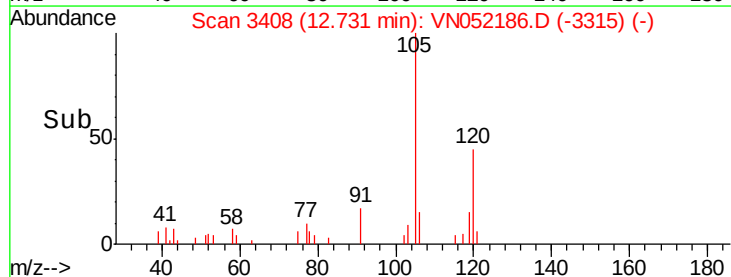
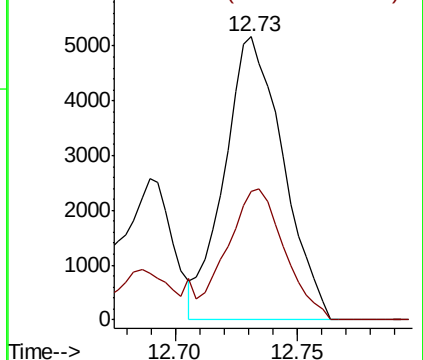
105 100

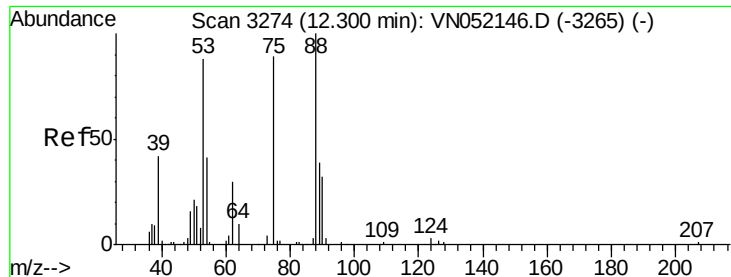
120 44.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN052186.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN052186.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 142.646 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

Instrument :

MSVOA_N

ClientSampled :

BES48_WC

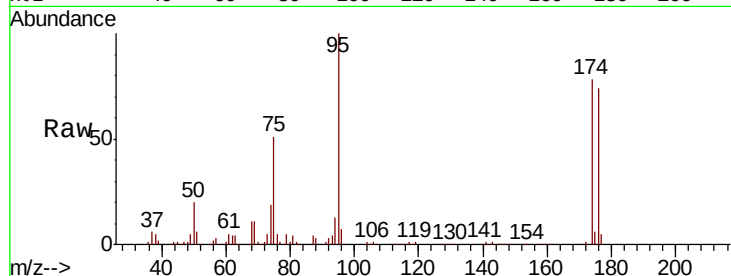
Tgt Ion: 75 Resp: 146636

Ion Ratio Lower Upper

75 100

53 0.1 81.8 122.6#

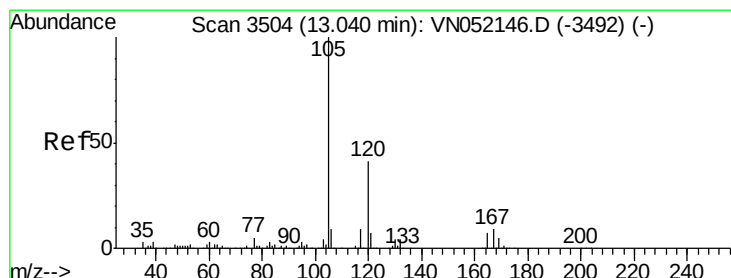
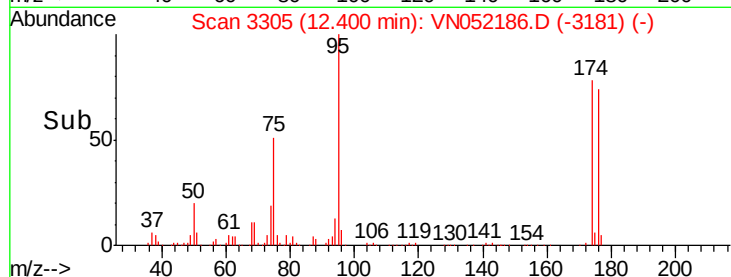
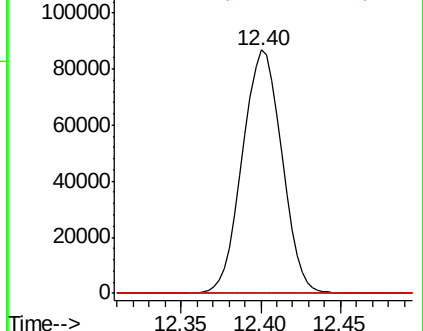
89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VN052186.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN052186.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN052186.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.282 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN052186.D

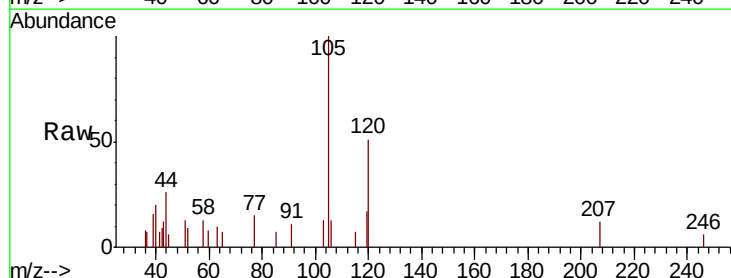
Acq: 6 Nov 2018 12:34

Tgt Ion: 105 Resp: 4012

Ion Ratio Lower Upper

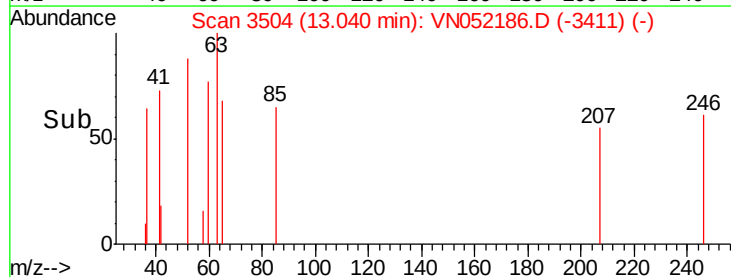
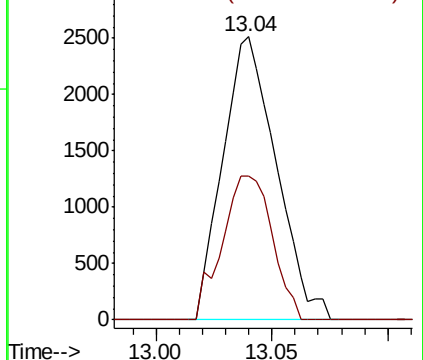
105 100

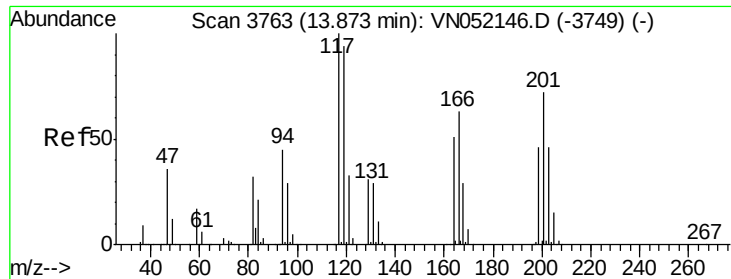
120 47.8 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): VN052186.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN052186.D (-3411) (-)

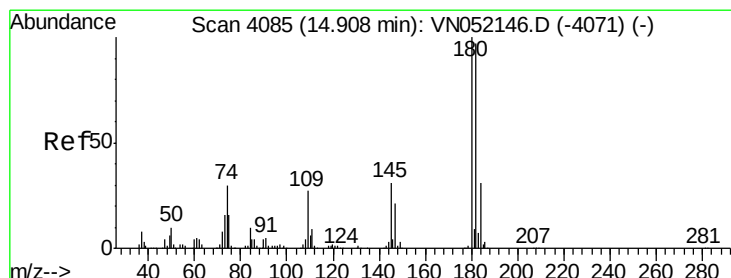
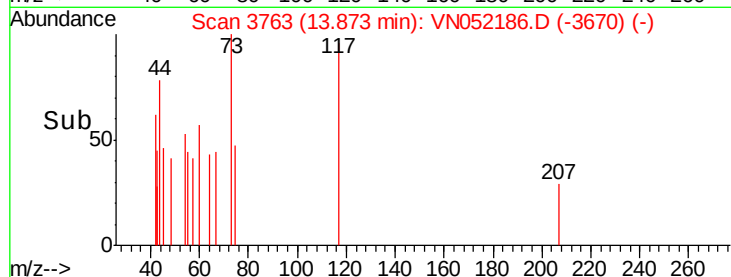
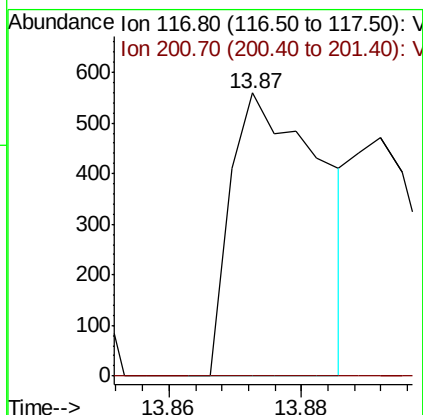
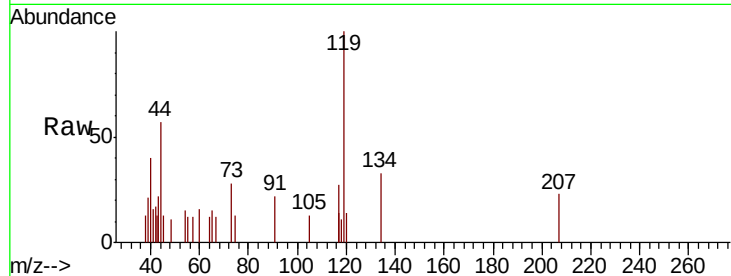




#90
Hexachloroethane
Concen: 0.221 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

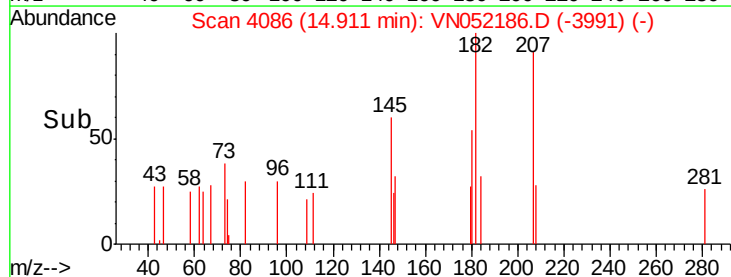
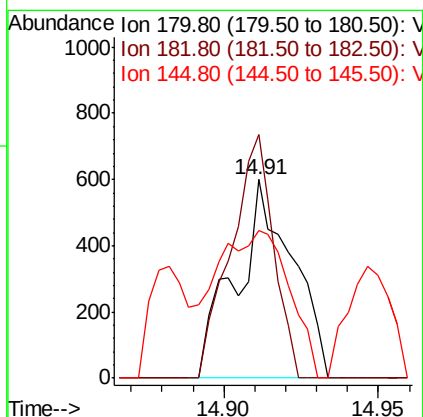
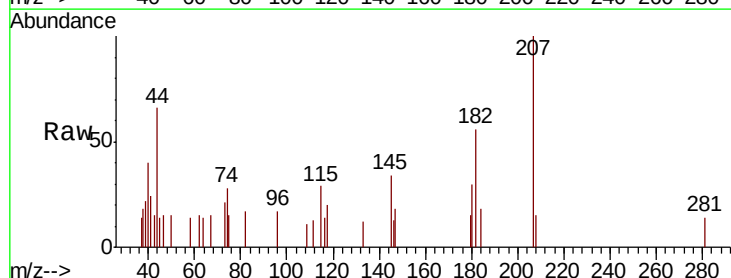
Instrument :
MSVOA_N
ClientSampled :
BES48_WC

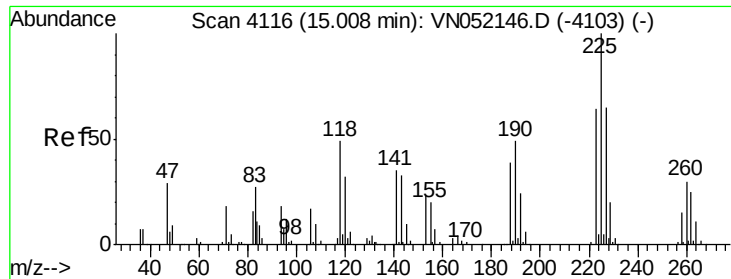
Tgt Ion:117 Resp: 536
Ion Ratio Lower Upper
117 100
201 0.0 31.1 93.5#



#93
1,2,4-Trichlorobenzene
Concen: 2.459 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052186.D
Acq: 6 Nov 2018 12:34

Tgt Ion:180 Resp: 769
Ion Ratio Lower Upper
180 100
182 91.8 49.1 147.4
145 92.6 16.4 49.2#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

Instrument :

MSVOA_N

ClientSampled :

BES48_WC

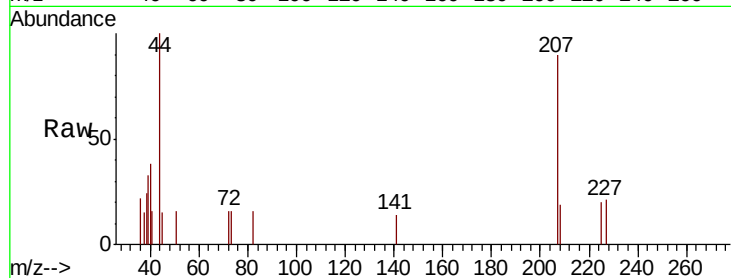
Tgt Ion:225 Resp: 109

Ion Ratio Lower Upper

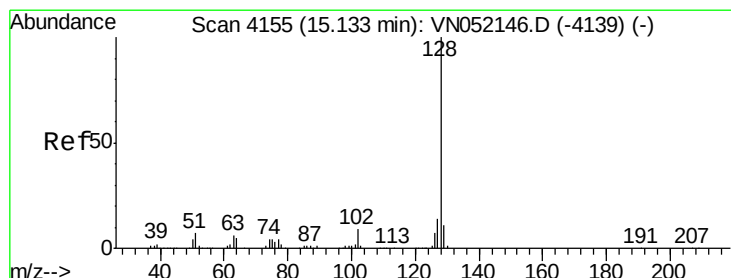
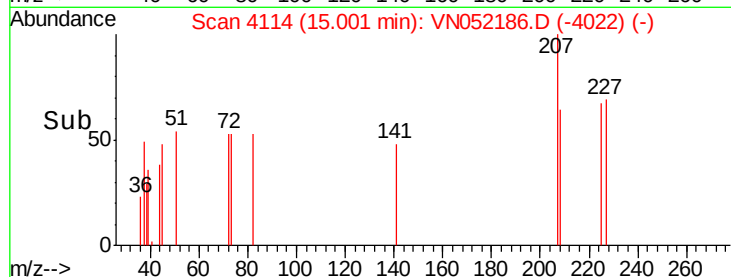
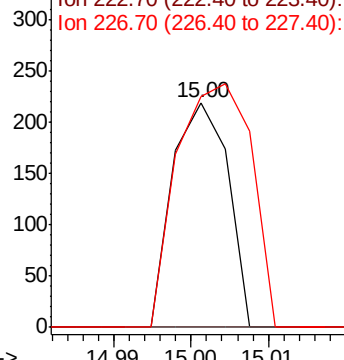
225 100

223 0.0 33.1 99.3#

227 145.9 32.6 97.8#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.979 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052186.D

Acq: 6 Nov 2018 12:34

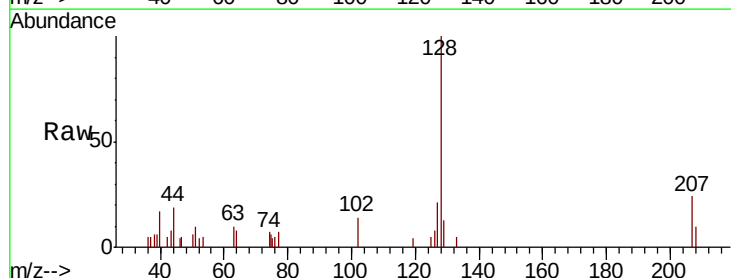
Tgt Ion:128 Resp: 7015

Ion Ratio Lower Upper

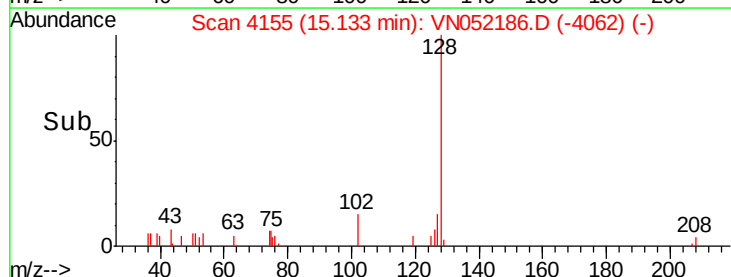
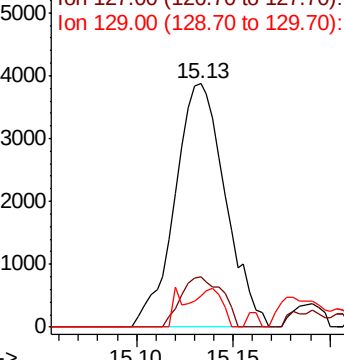
128 100

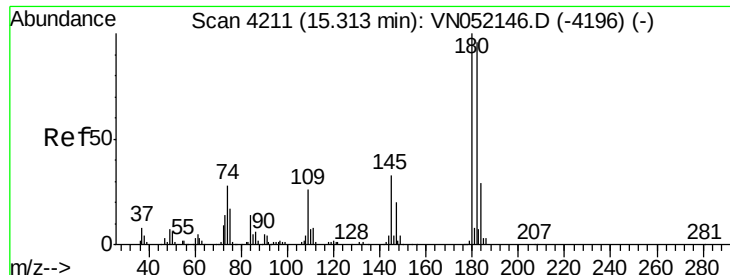
127 16.8 10.5 15.7#

129 8.1 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

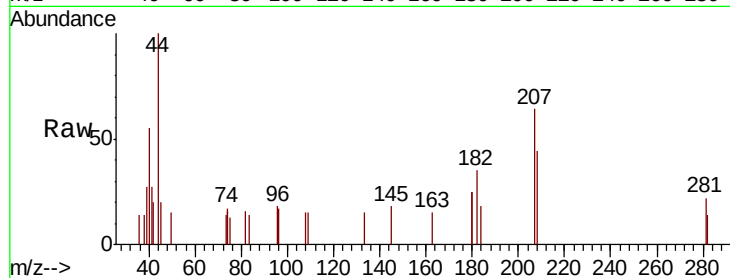




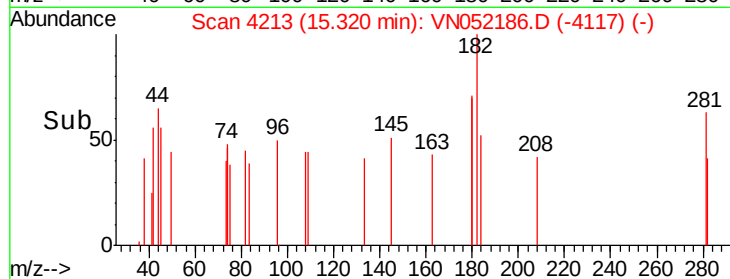
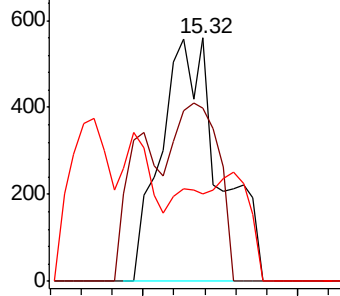
#96
 1,2,3-Trichlorobenzene
 Concen: 1.981 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN052186.D
 Acq: 6 Nov 2018 12:34

Instrument :
 MSVOA_N
 ClientSampleId :
 BES48_WC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	55.8	47.2	141.6
145	0.0	16.6	49.7



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V



Time-->