

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049989.D
 Acq On : 21 Jul 2018 4:48
 Operator : MD\SY
 Sample : J4081-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200029

Quant Time: Jul 21 05:20:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	567855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	953794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	810695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	291353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	413844	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
35) Dibromofluoromethane	7.59	113	364633	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
50) Toluene-d8	10.09	98	1290379	44.23	ug/l	0.00
Spiked Amount			Recovery	=	88.46%	
62) 4-Bromofluorobenzene	12.40	95	355294	35.36	ug/l	0.00
Spiked Amount			Recovery	=	70.72%	

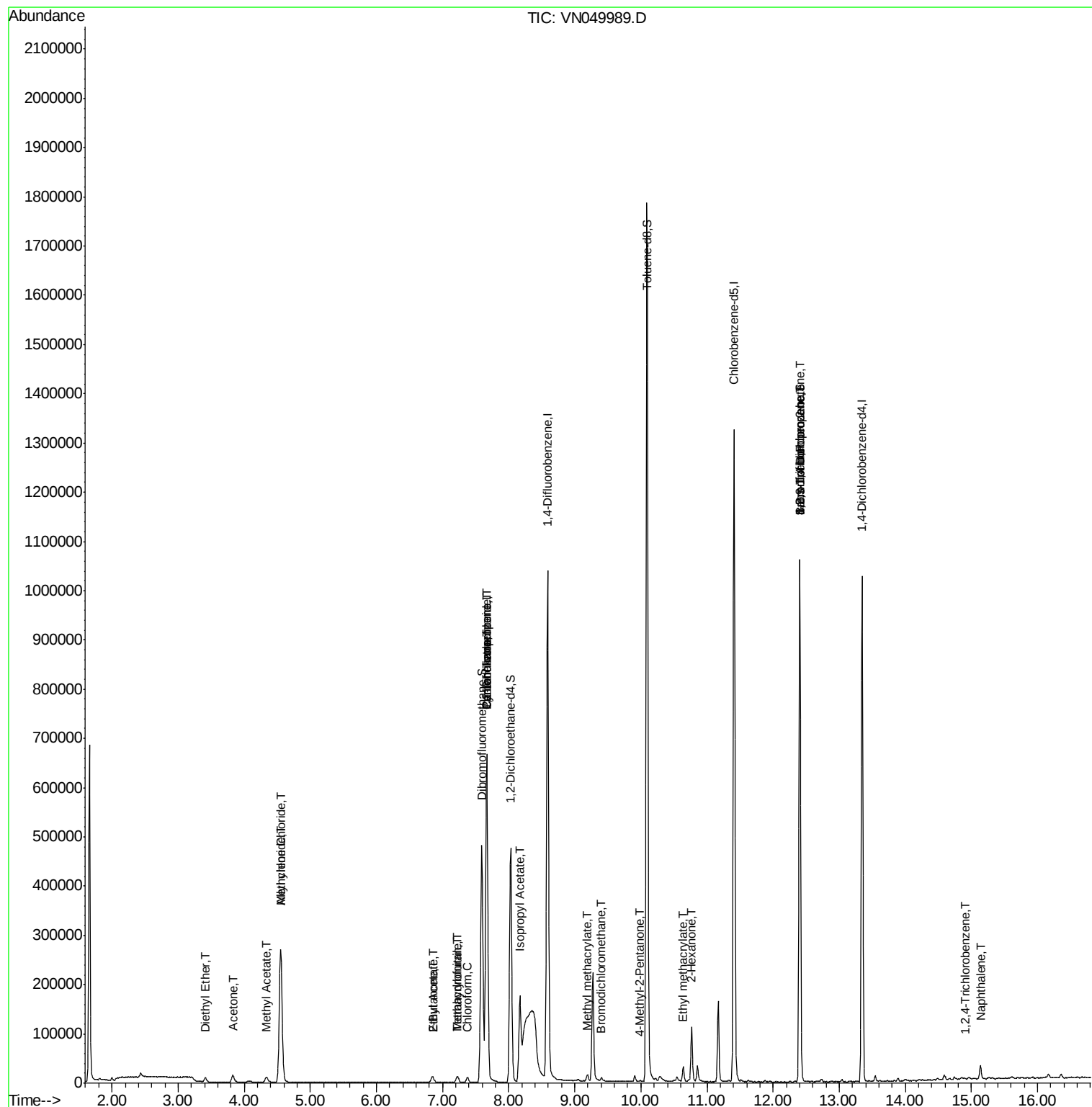
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	880	Below Cal		91
8) Diethyl Ether	3.41	74	4122	1.04 ug/l		95
14) Allyl chloride	4.55	41	7214	0.74 ug/l	#	24
16) Acetone	3.83	43	25297	12.52 ug/l		97
18) Methyl Acetate	4.33	43	22648	2.79 ug/l		91
20) Methylene Chloride	4.55	84	209170	27.22 ug/l		98
25) 2-Butanone	6.85	43	16794	5.82 ug/l		100
29) Tetrahydrofuran	7.23	42	10493	5.77 ug/l	#	88
30) Chloroform	7.37	83	11411	0.87 ug/l		91
31) Cyclohexane	7.67	56	11073	1.07 ug/l	#	4
36) 1,1-Dichloropropene	7.67	75	41223	3.89 ug/l	#	49
37) Ethyl Acetate	6.85	43	16794	2.31 ug/l	#	69
38) Carbon Tetrachloride	7.67	117	52396	4.61 ug/l	#	16
41) Methacrylonitrile	7.22	41	6982	1.91 ug/l	#	44
43) Isopropyl Acetate	8.17	43	217377	17.09 ug/l		98
47) Bromodichloromethane	9.40	83	3854	0.34 ug/l	#	90
48) Methyl methacrylate	9.18	41	8074	1.27 ug/l	#	21
51) 4-Methyl-2-Pentanone	9.99	43	2428	0.34 ug/l	#	70
56) Ethyl methacrylate	10.65	69	608	2.21 ug/l	#	1
59) 2-Hexanone	10.77	43	15049	3.15 ug/l	#	59
71) Bromoform	12.40	173	2546	0.45 ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	173072	31.67 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	173072	99.02 ug/l	#	13
93) 1,2,4-Trichlorobenzene	14.91	180	325	3.53 ug/l	#	45
95) Naphthalene	15.14	128	23448	6.04 ug/l		97

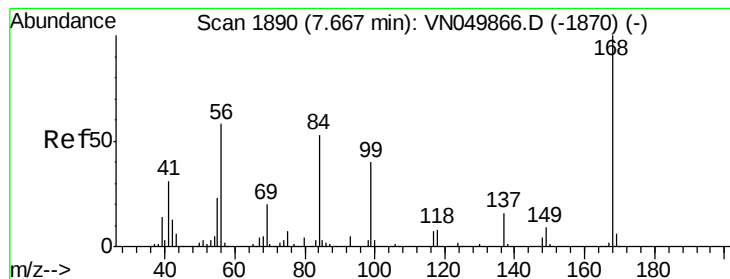
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampled :

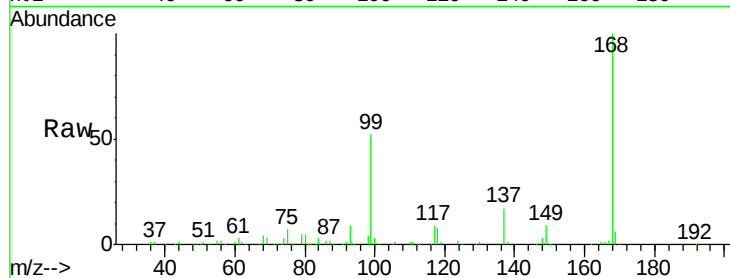
RBR200029

Tot Ion:168 Resp: 567855

Ion Ratio Lower Upper

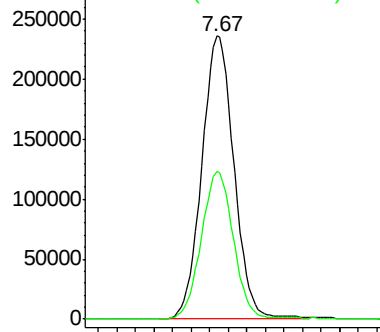
168 100

99 52.2 40.6 61.0

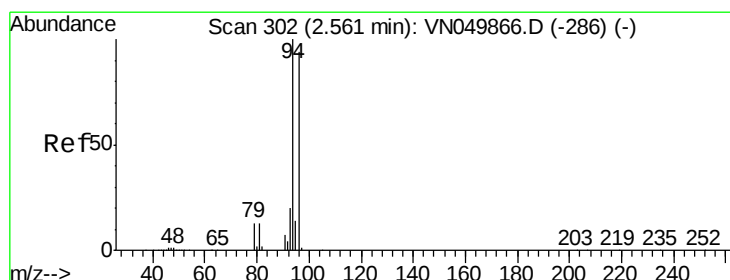
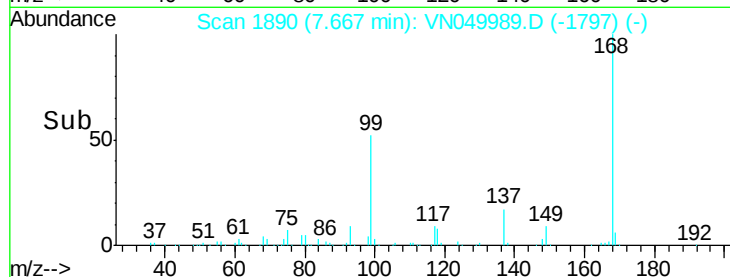


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049989.D

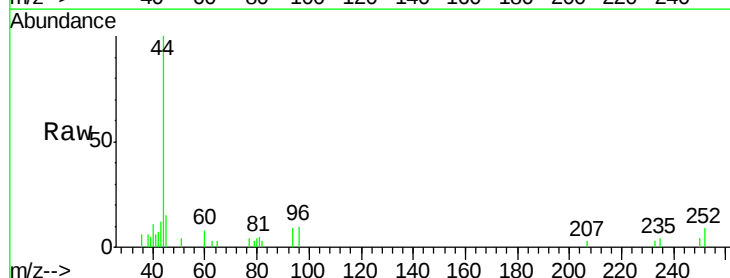
Acq: 21 Jul 2018 4:48

Tgt Ion: 94 Resp: 880

Ion Ratio Lower Upper

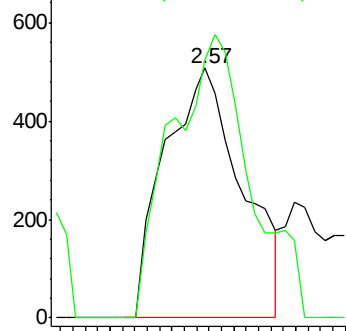
94 100

96 103.1 75.7 113.5

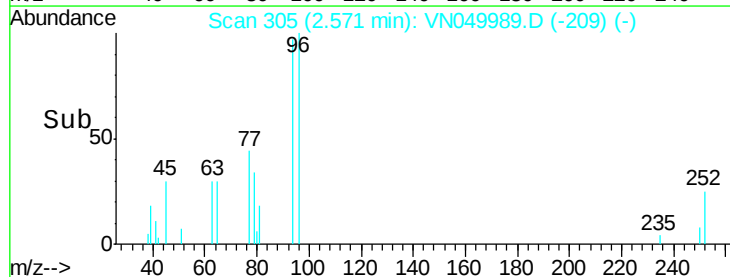


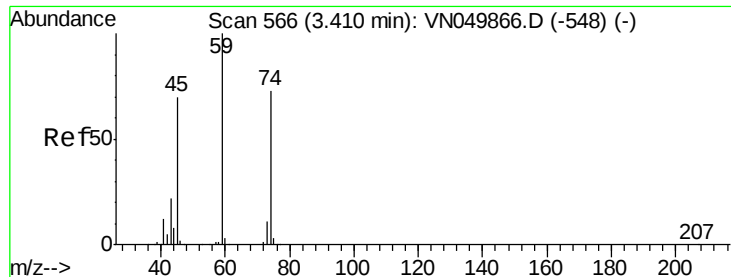
Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->





#8

Diethyl Ether

Concen: 1.04 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampled :

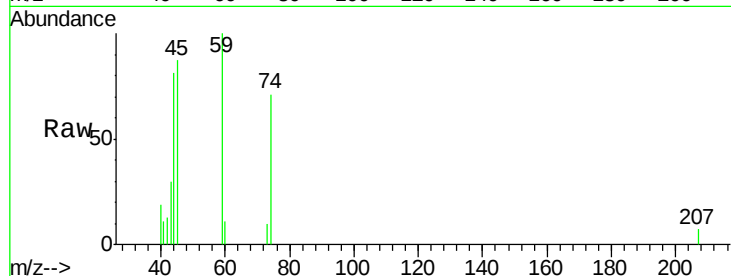
RBR200029

Tot Ion: 74 Resp: 4122

Ion Ratio Lower Upper

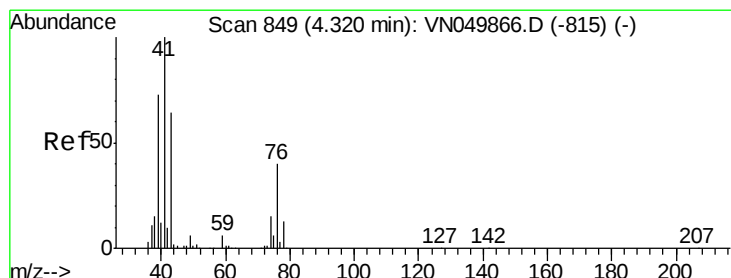
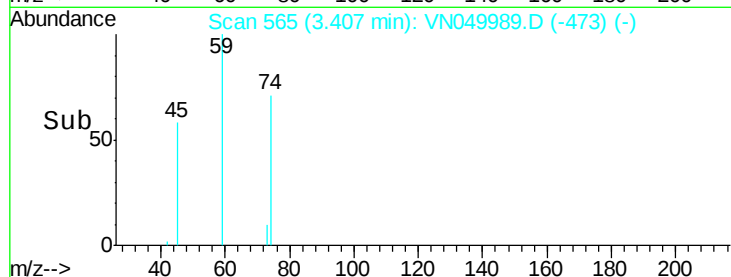
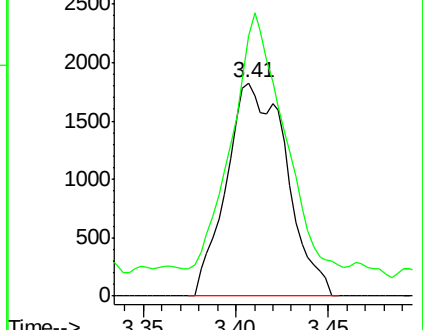
74 100

45 101.9 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VN049866.D (-548) (-)

Ion 45.00 (44.70 to 45.70): VN049866.D (-548) (-)



#14

Allyl chloride

Concen: 0.74 ug/l

RT: 4.55 min Scan# 920

Delta R.T. 0.23 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

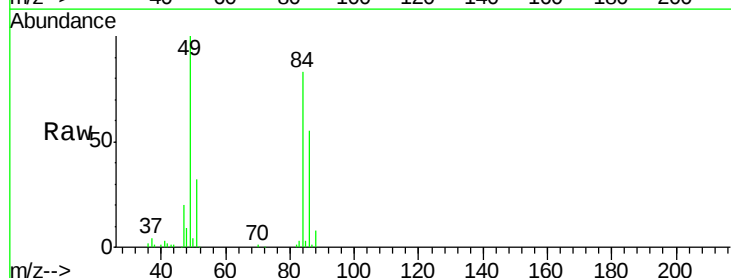
Tgt Ion: 41 Resp: 7214

Ion Ratio Lower Upper

41 100

39 0.0 53.2 79.8#

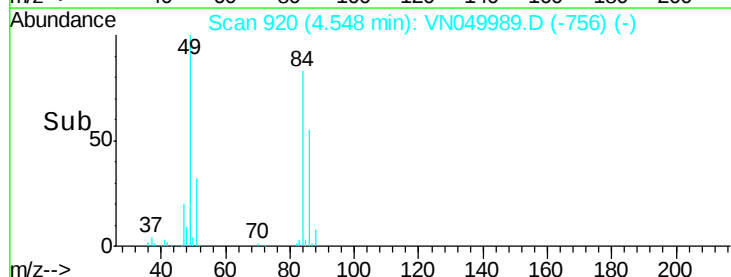
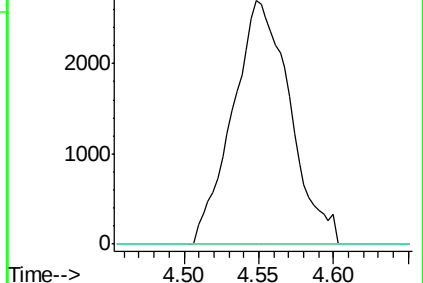
76 0.0 29.0 43.6#

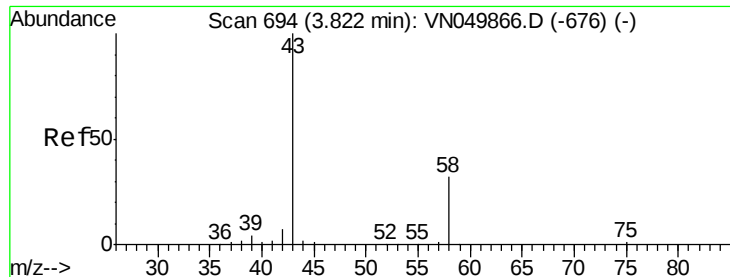


Abundance Ion 41.00 (40.70 to 41.70): VN049866.D (-815) (-)

Ion 39.00 (38.70 to 39.70): VN049866.D (-815) (-)

Ion 75.90 (75.60 to 76.60): VN049866.D (-815) (-)





#16

Acetone

Concen: 12.52 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampled :

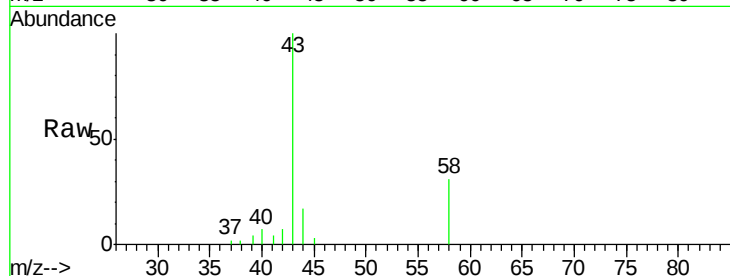
RBR200029

Tot Ion: 43 Resp: 25297

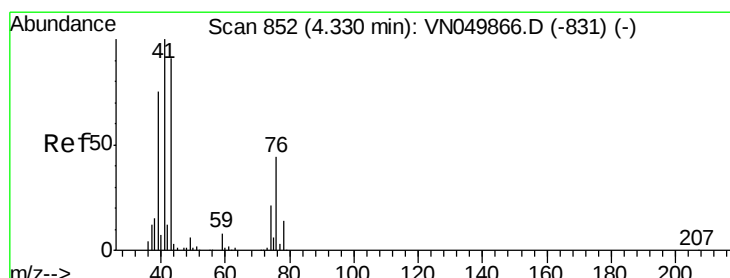
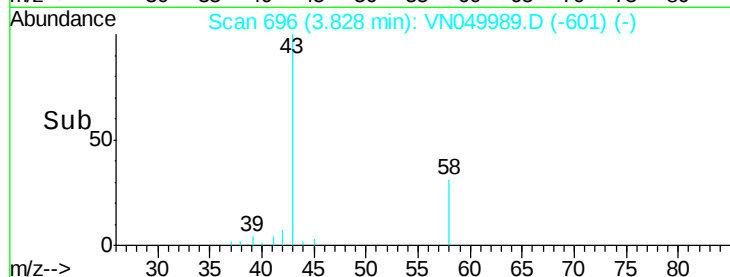
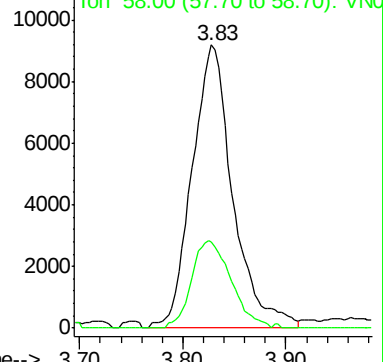
Ion Ratio Lower Upper

43 100

58 30.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049989.D (-601) (-)



#18

Methyl Acetate

Concen: 2.79 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049989.D

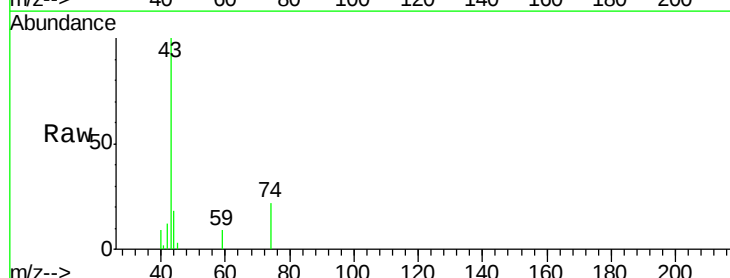
Acq: 21 Jul 2018 4:48

Tgt Ion: 43 Resp: 22648

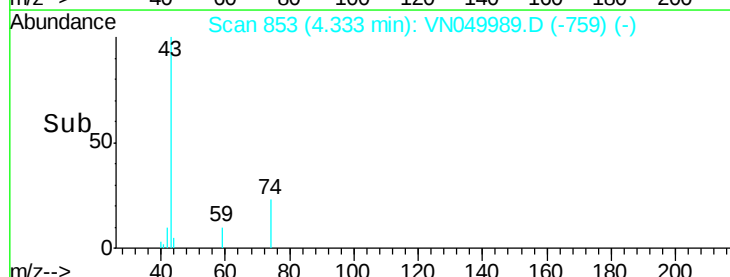
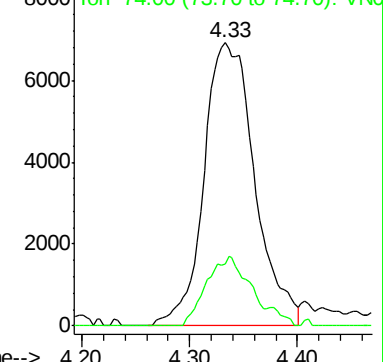
Ion Ratio Lower Upper

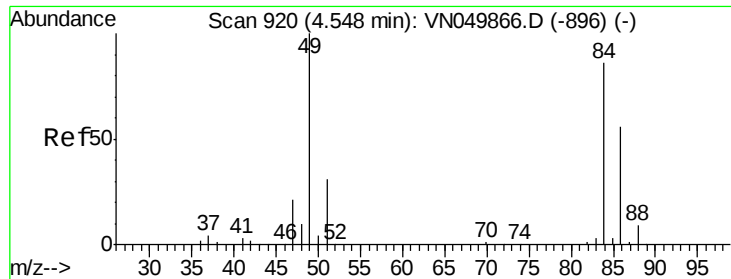
43 100

74 20.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049989.D (-759) (-)

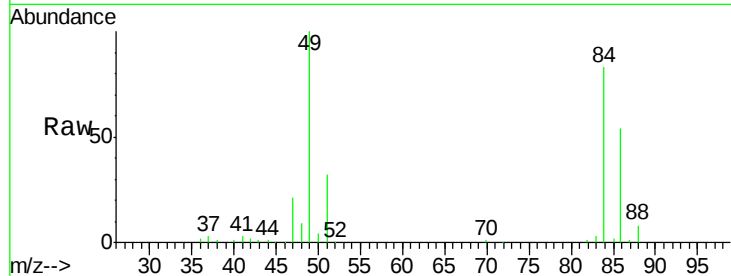




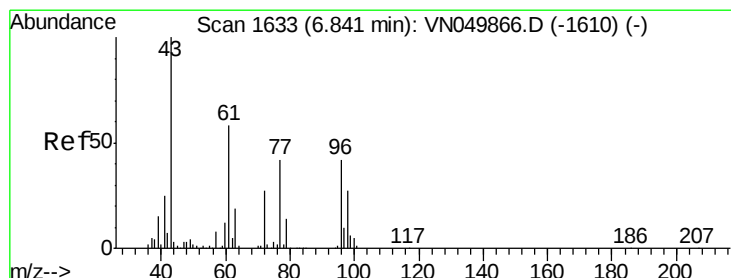
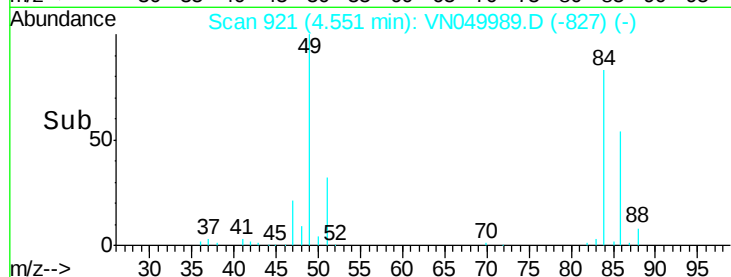
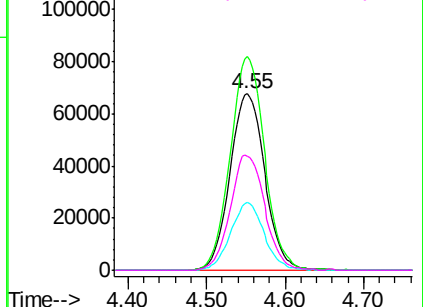
#20
Methvlene Chloride
Concen: 27.22 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

Instrument :
MSVOA_N
ClientSampleId :
RBR200029

Tot Ion: 84 Resp: 209170
Ion Ratio Lower Upper
84 100
49 121.0 95.4 143.2
51 38.1 28.4 42.6
86 64.8 52.6 79.0

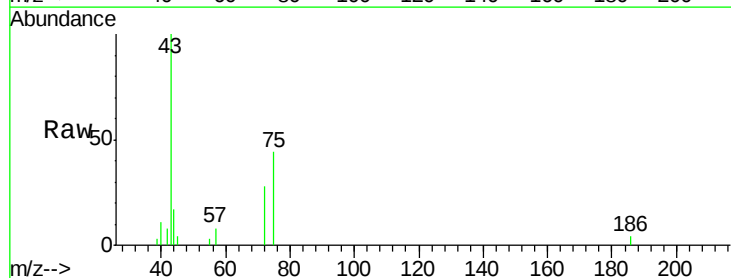


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

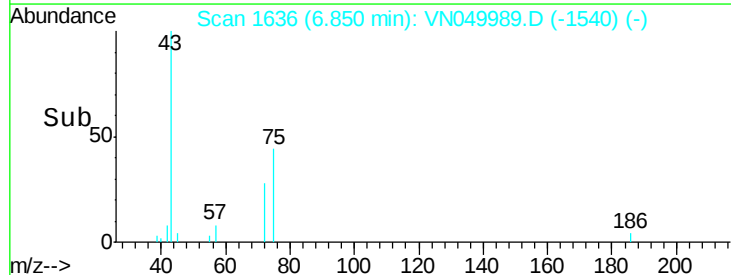
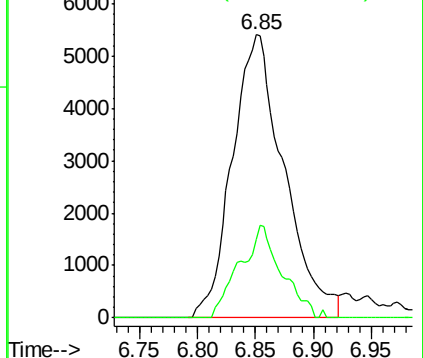


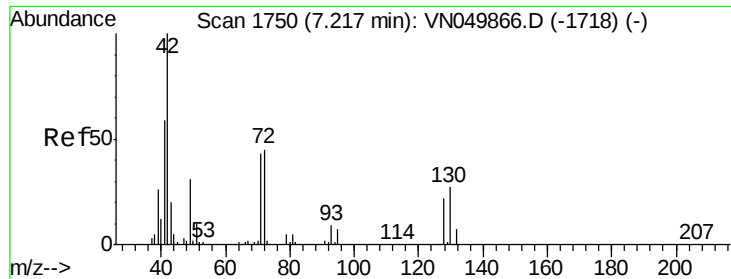
#25
2-Butanone
Concen: 5.82 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

Tgt Ion: 43 Resp: 16794
Ion Ratio Lower Upper
43 100
72 27.7 22.1 33.1



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





#29

Tetrahydrofuran

Concen: 5.77 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampleId :

RBR200029

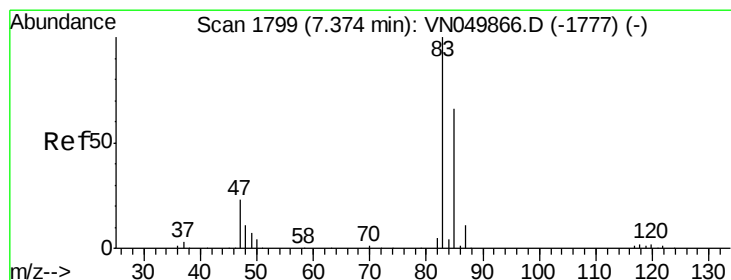
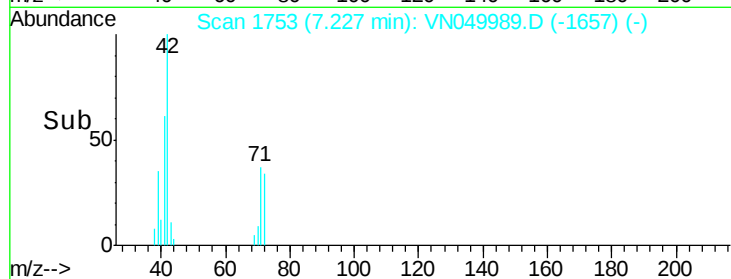
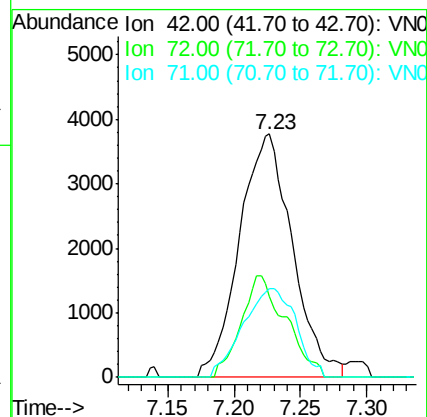
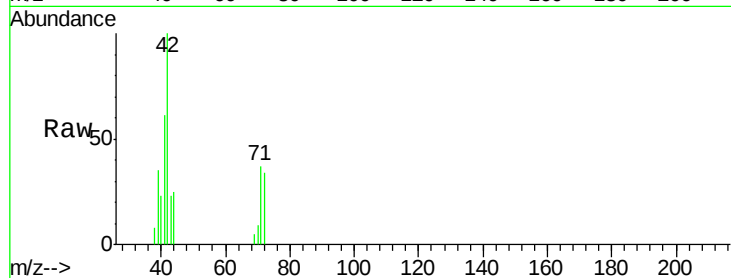
Tot Ion: 42 Resp: 10493

Ion Ratio Lower Upper

42 100

72 35.1 35.6 53.4#

71 36.5 34.0 51.0



#30

Chloroform

Concen: 0.87 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049989.D

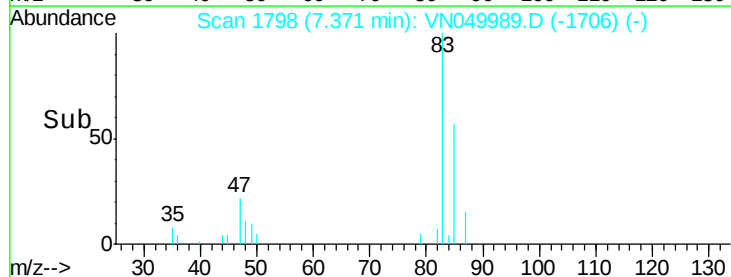
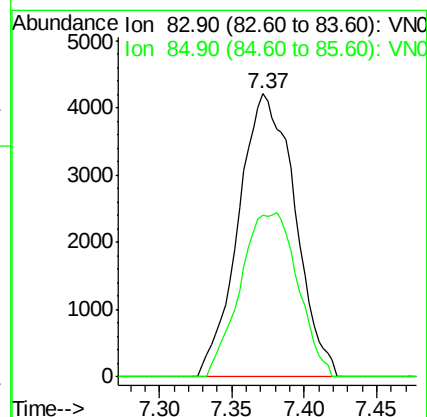
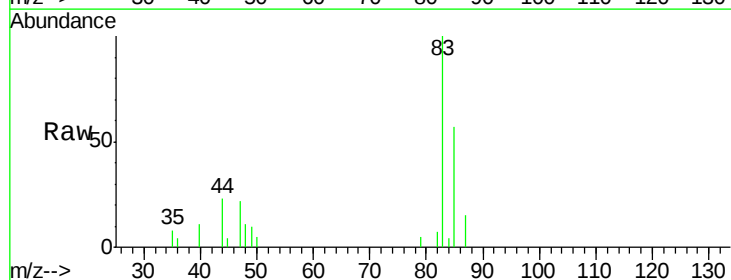
Acq: 21 Jul 2018 4:48

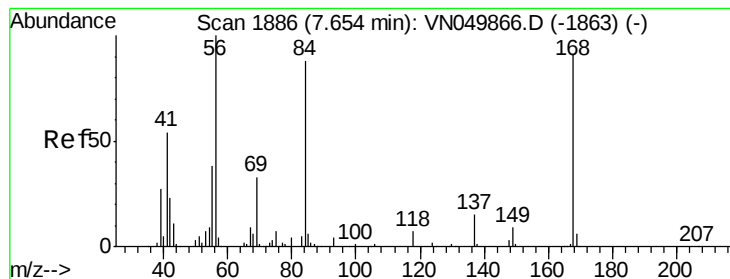
Tgt Ion: 83 Resp: 11411

Ion Ratio Lower Upper

83 100

85 57.2 51.4 77.2





#31

Cyclohexane

Concen: 1.07 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampled :

RBR200029

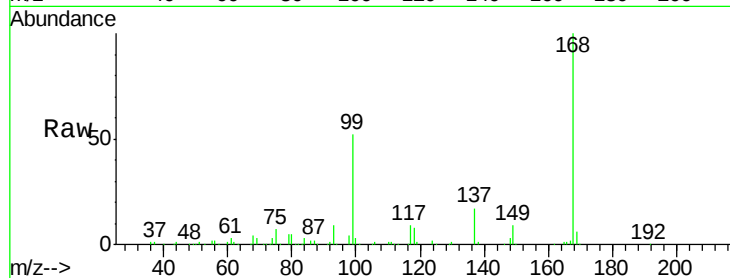
Tot Ion: 56 Resp: 11073

Ion Ratio Lower Upper

56 100

69 164.1 26.6 40.0#

84 126.5 69.0 103.6#

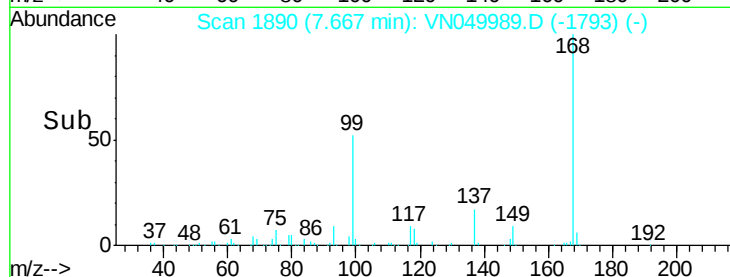


Abundance Ion 56.00 (55.70 to 56.70): VN049866.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VN049866.D (-1863) (-)

Ion 84.00 (83.70 to 84.70): VN049866.D (-1863) (-)

Time-->

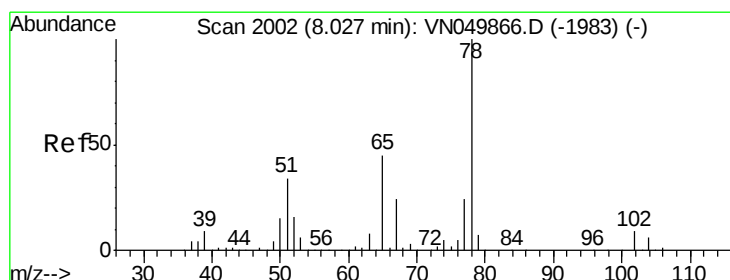


Abundance Ion 56.00 (55.70 to 56.70): VN049866.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VN049866.D (-1863) (-)

Ion 84.00 (83.70 to 84.70): VN049866.D (-1863) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.02 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049989.D

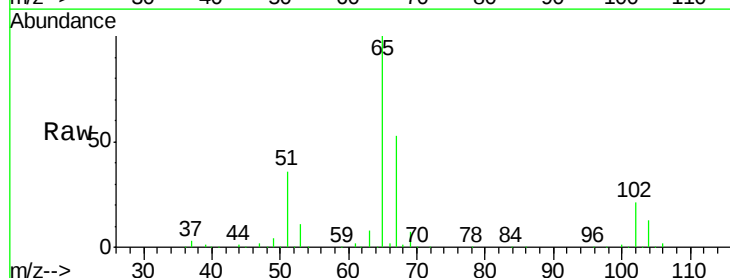
Acq: 21 Jul 2018 4:48

Tgt Ion: 65 Resp: 413844

Ion Ratio Lower Upper

65 100

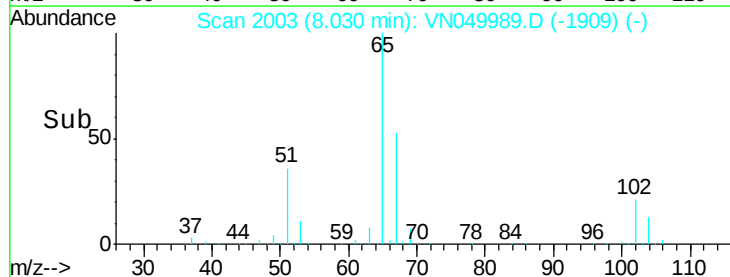
67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049866.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN049866.D (-1983) (-)

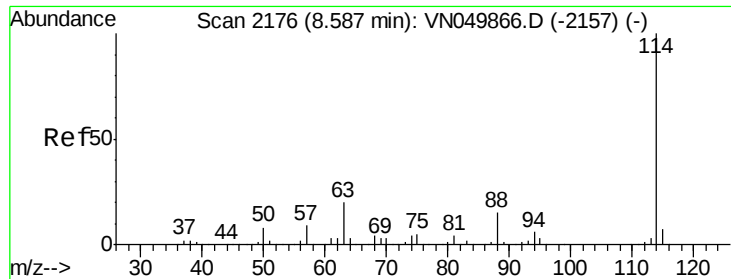
Time-->



Abundance Ion 64.90 (64.60 to 65.60): VN049866.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN049866.D (-1983) (-)

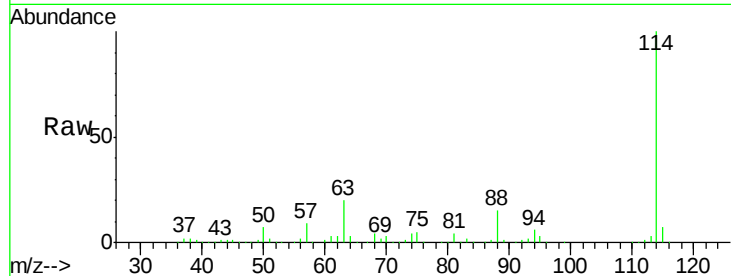
Time-->



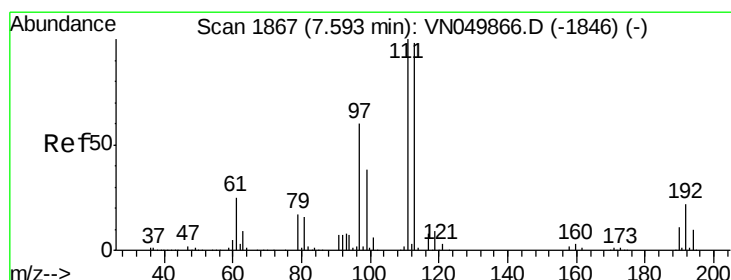
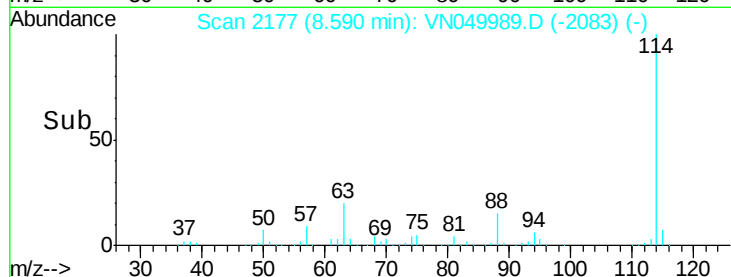
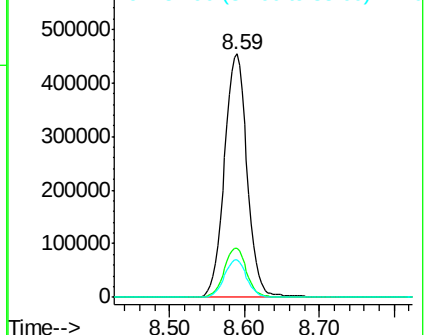
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

Instrument :
MSVOA_N
ClientSampleId :
RBR200029

Tot Ion:114 Resp: 953794
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.8
88 15.4 0.0 30.6

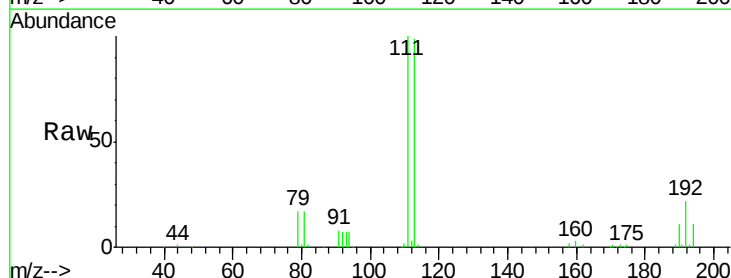


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

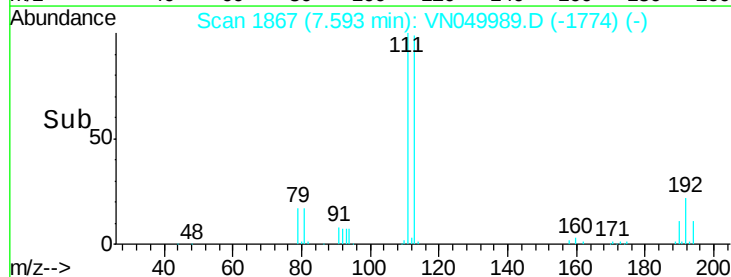
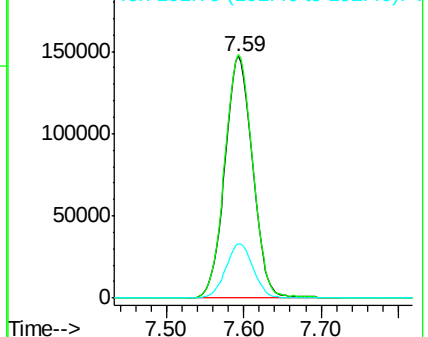


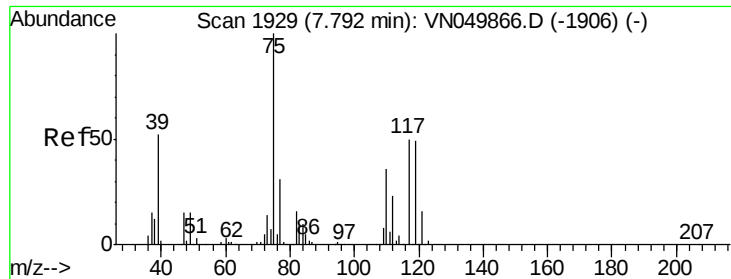
#35
Dibromofluoromethane
Concen: 45.54 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

Tgt Ion:113 Resp: 364633
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 22.2 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

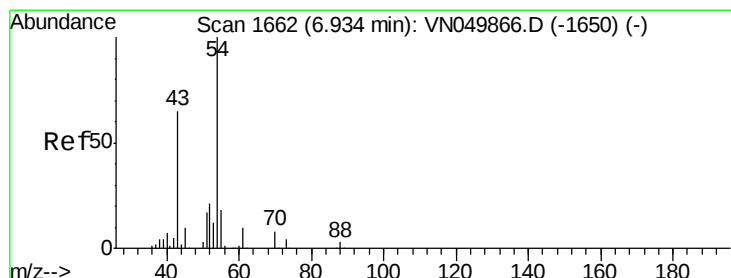
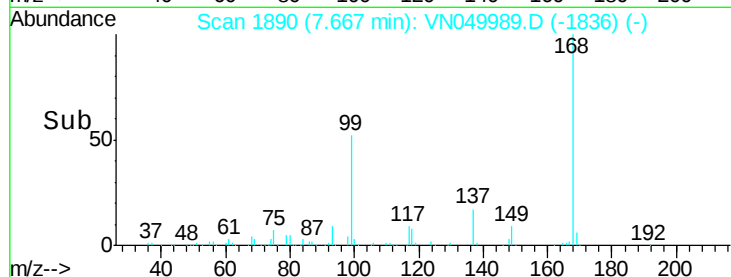
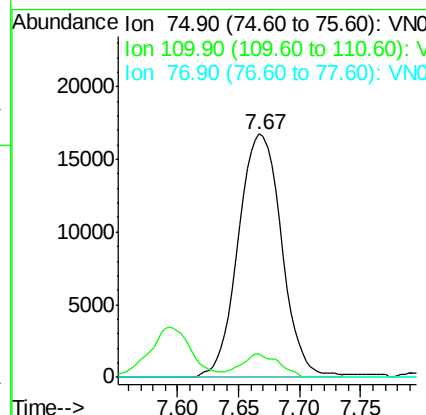
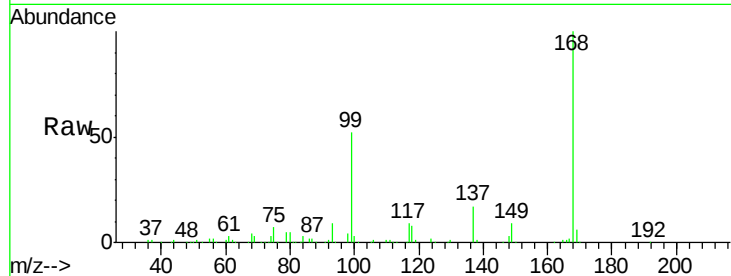




#36
 1,1-Dichloropropene
 Concen: 3.89 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049989.D
 Acq: 21 Jul 2018 4:48

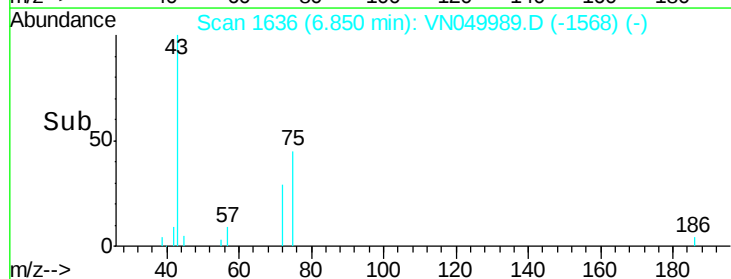
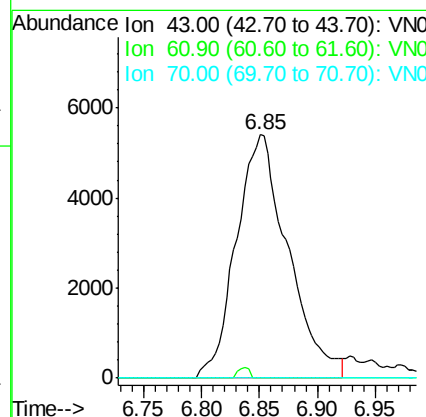
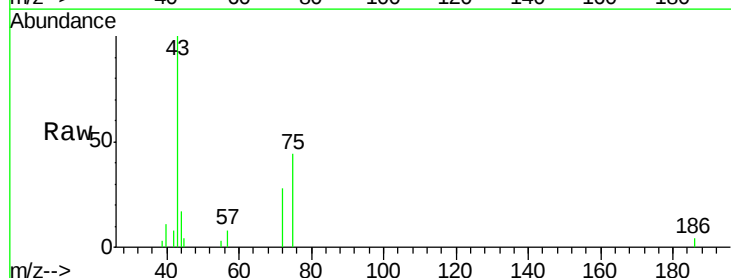
Instrument :
 MSVOA_N
 ClientSampled :
 RBR200029

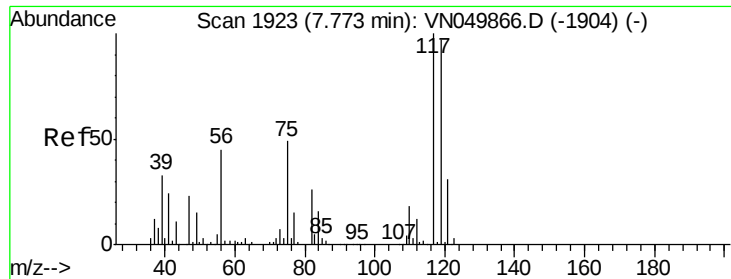
Tot Ion: 75 Resp: 41223
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.1 54.4#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 2.31 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. -0.08 min
 Lab File: VN049989.D
 Acq: 21 Jul 2018 4:48

Tgt Ion: 43 Resp: 16794
 Ion Ratio Lower Upper
 43 100
 61 0.9 11.7 17.5#
 70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 4.61 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampleId :

RBR200029

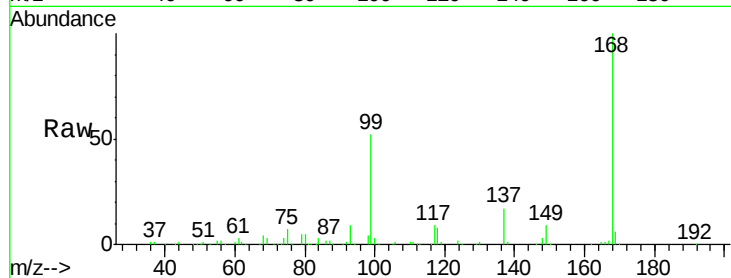
Tot Ion:117 Resp: 52396

Ion Ratio Lower Upper

117 100

119 5.7 77.2 115.8#

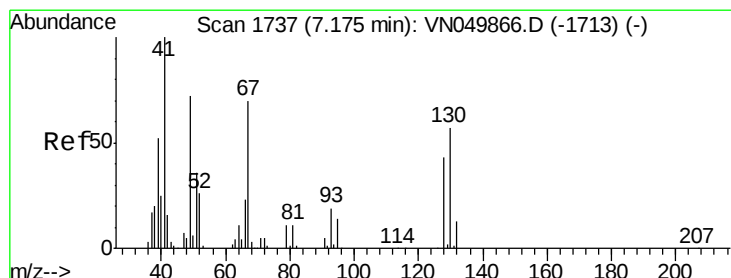
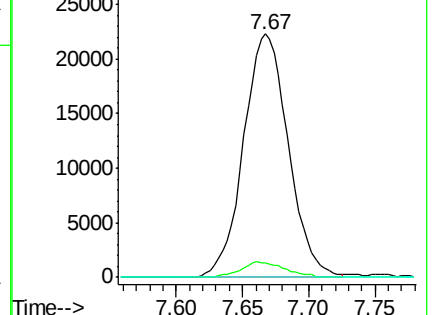
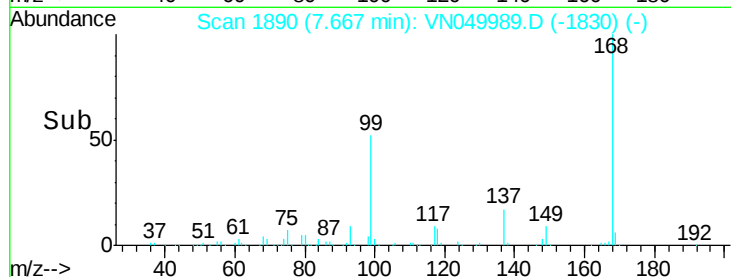
121 0.0 25.0 37.6#



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



#41

Methacrylonitrile

Concen: 1.91 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.05 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Tgt Ion: 41 Resp: 6982

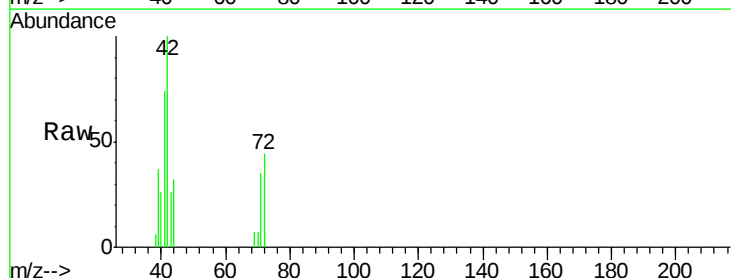
Ion Ratio Lower Upper

41 100

39 53.9 45.4 68.2

67 0.0 65.4 98.0#

52 0.0 24.7 37.1#

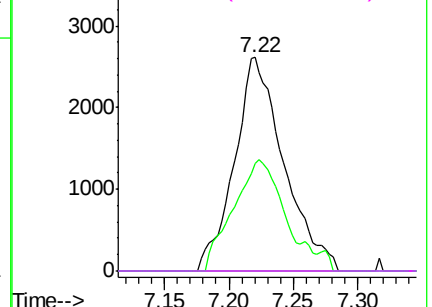
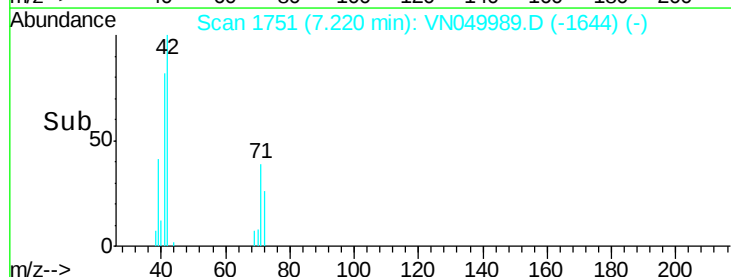


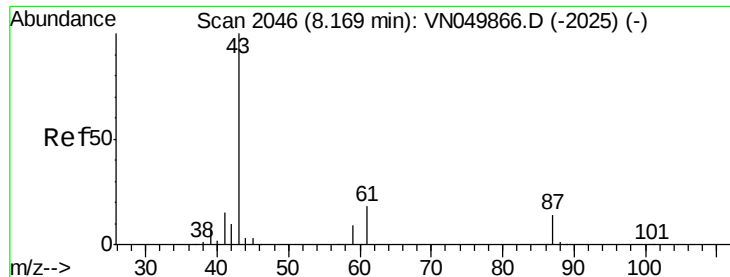
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 17.09 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampleId :

RBR200029

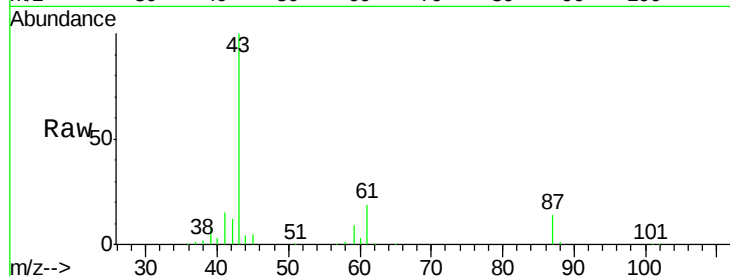
Tot Ion: 43 Resp: 217377

Ion Ratio Lower Upper

43 100

61 17.6 14.9 22.3

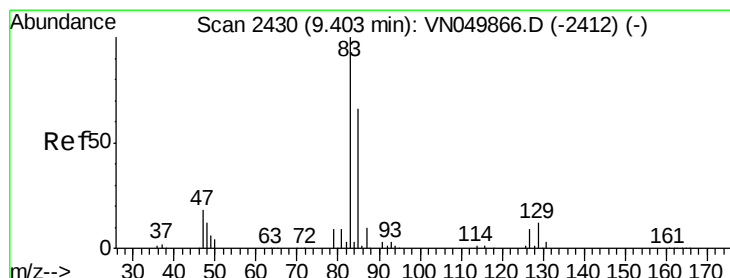
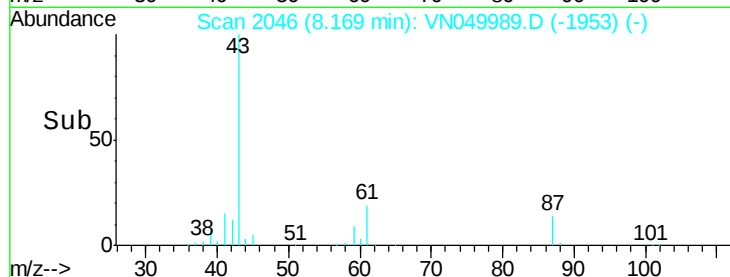
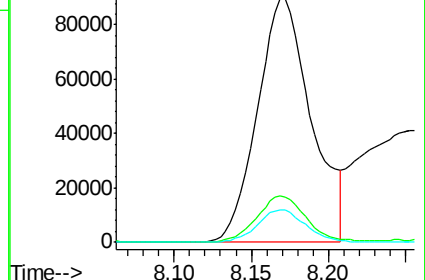
87 11.9 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049989.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN049989.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN049989.D (-1953) (-)



#47

Bromodichloromethane

Concen: 0.34 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

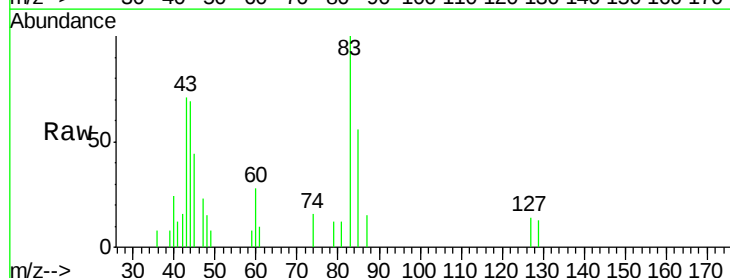
Tgt Ion: 83 Resp: 3854

Ion Ratio Lower Upper

83 100

85 55.6 50.5 75.7

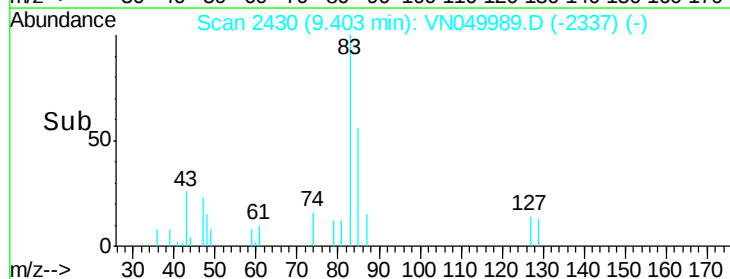
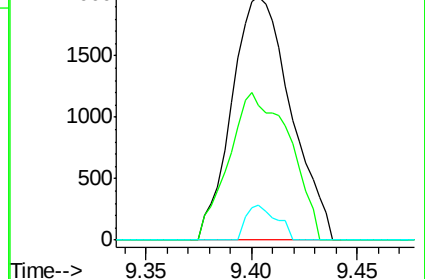
127 14.3 6.8 10.2#

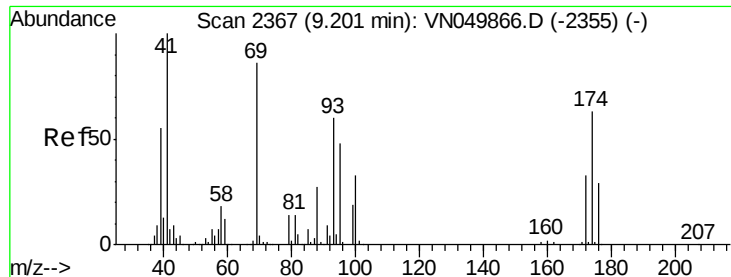


Abundance Ion 82.90 (82.60 to 83.60): VN049989.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049989.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049989.D (-2337) (-)

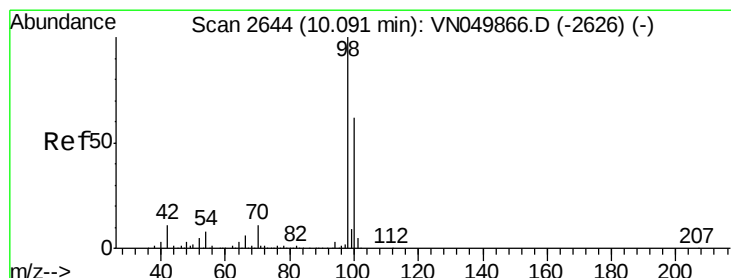
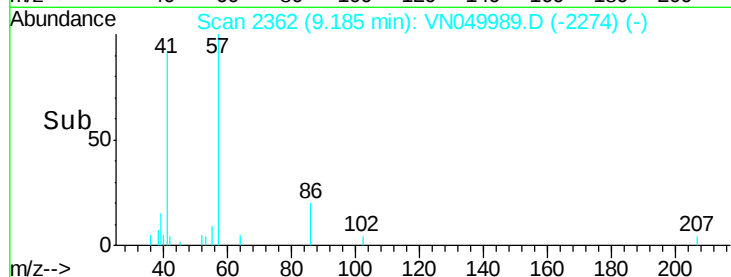
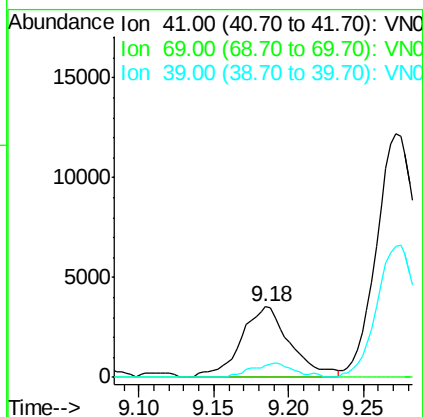
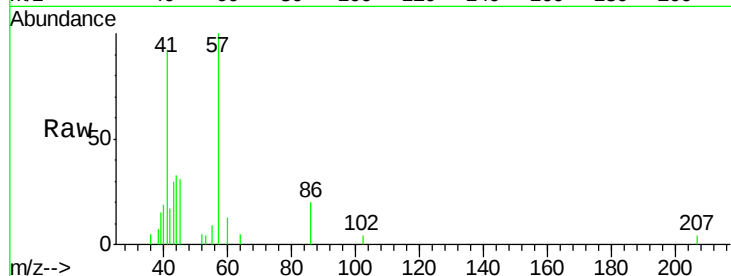




#48
Methyl methacrylate
Concen: 1.27 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

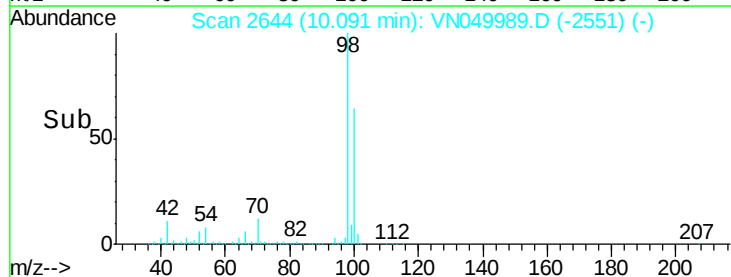
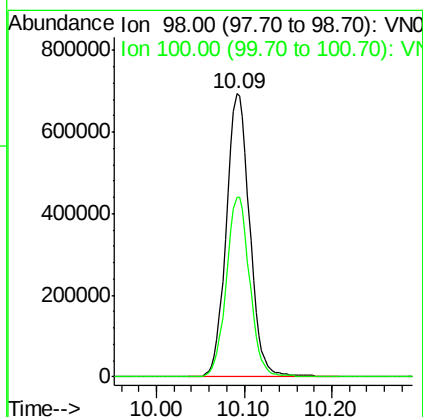
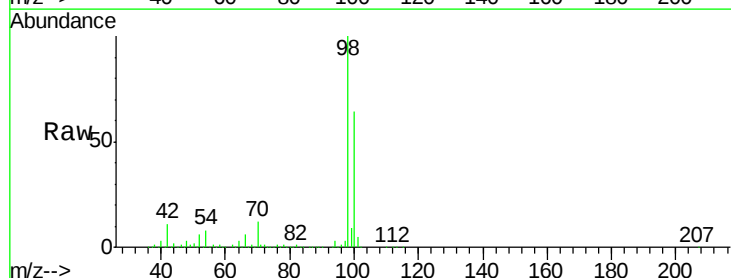
Instrument :
MSVOA_N
ClientSampled :
RBR200029

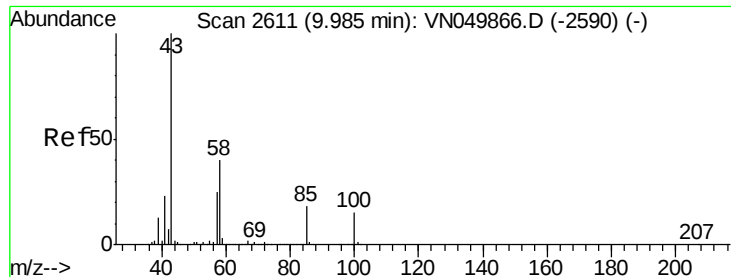
Tot Ion: 41 Resp: 8074
Ion Ratio Lower Upper
41 100
69 0.0 71.5 107.3#
39 17.5 44.7 67.1#



#50
Toluene-d8
Concen: 44.23 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

Tgt Ion: 98 Resp: 1290379
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.34 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampleID :

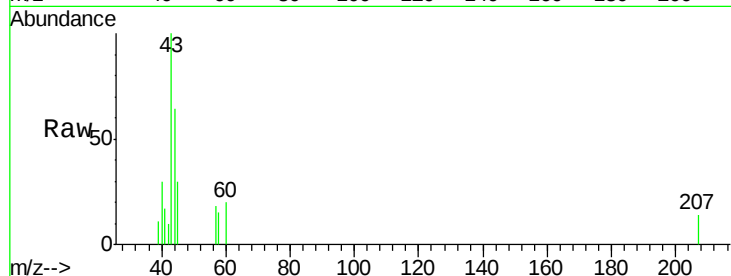
RBR200029

Tot Ion: 43 Resp: 2428

Ion Ratio Lower Upper

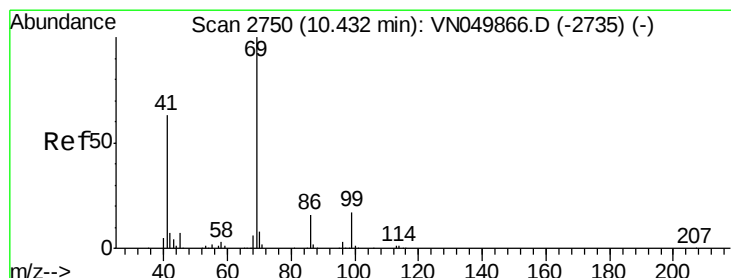
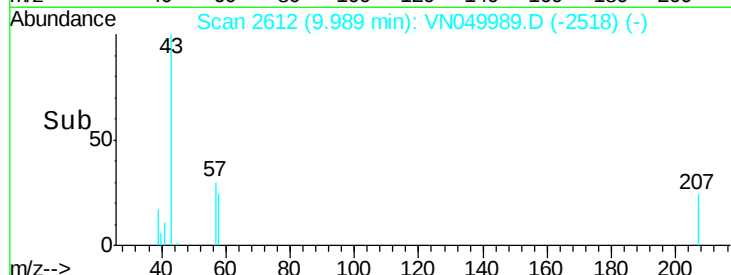
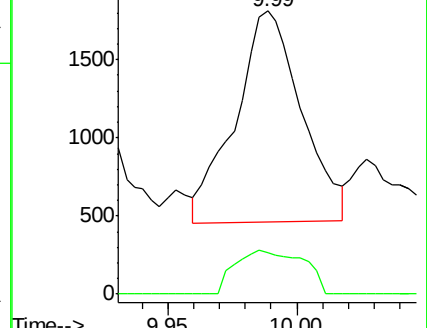
43 100

58 21.4 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049866.D (-2590) (-)



#56

Ethyl methacrylate

Concen: 2.21 ug/l

RT: 10.65 min Scan# 2817

Delta R.T. 0.22 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

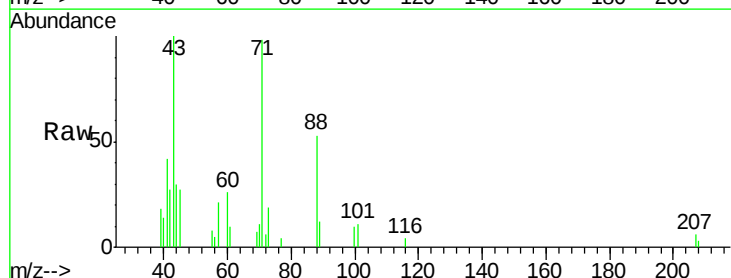
Tgt Ion: 69 Resp: 608

Ion Ratio Lower Upper

69 100

41 726.5 51.6 77.4#

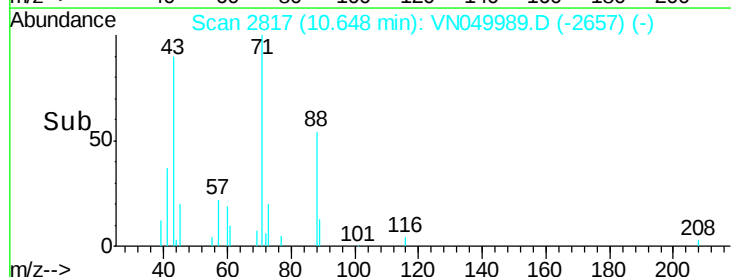
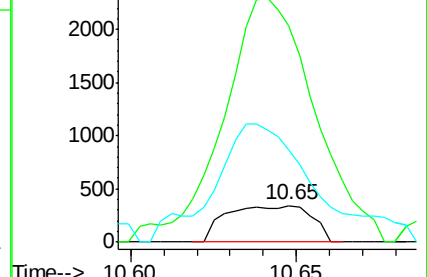
39 387.5 25.8 38.8#

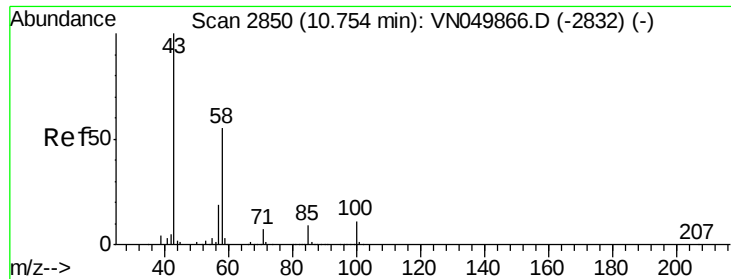


Abundance Ion 69.00 (68.70 to 69.70): VN049866.D (-2735) (-)

Ion 41.00 (40.70 to 41.70): VN049866.D (-2735) (-)

Ion 39.00 (38.70 to 39.70): VN049866.D (-2735) (-)





#59

2-Hexanone

Concen: 3.15 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampled :

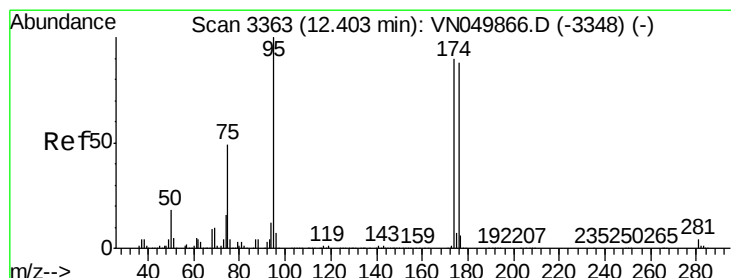
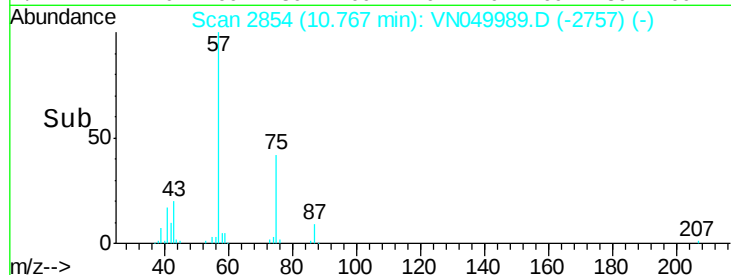
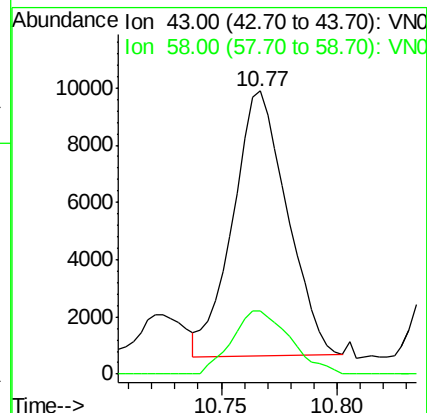
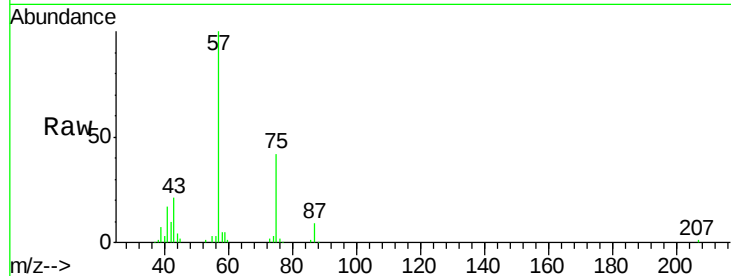
RBR200029

Tot Ion: 43 Resp: 15049

Ion Ratio Lower Upper

43 100

58 25.7 27.8 83.4#



#62

4-Bromofluorobenzene

Concen: 35.36 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

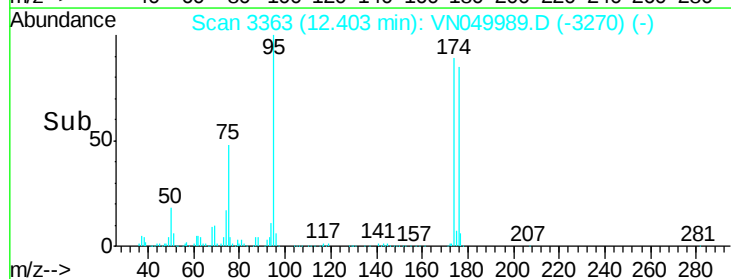
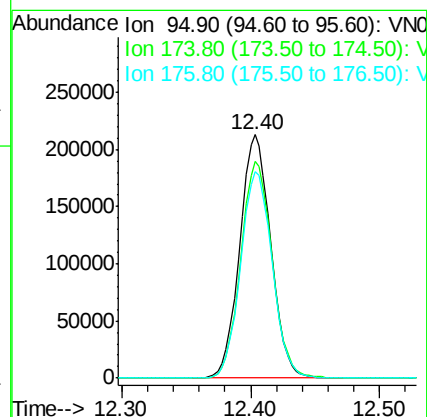
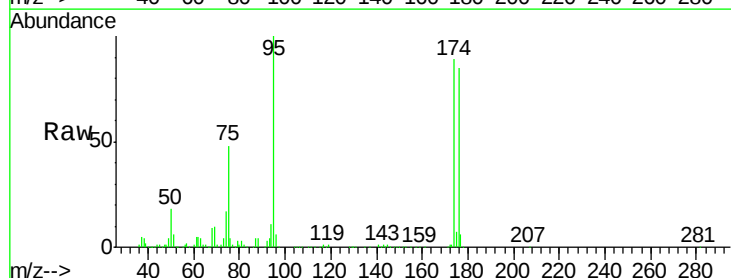
Tgt Ion: 95 Resp: 355294

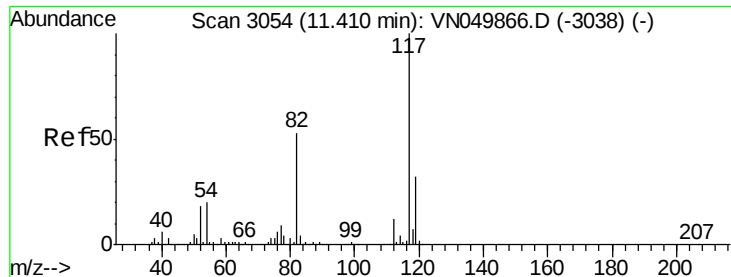
Ion Ratio Lower Upper

95 100

174 90.5 0.0 179.6

176 86.4 0.0 174.0

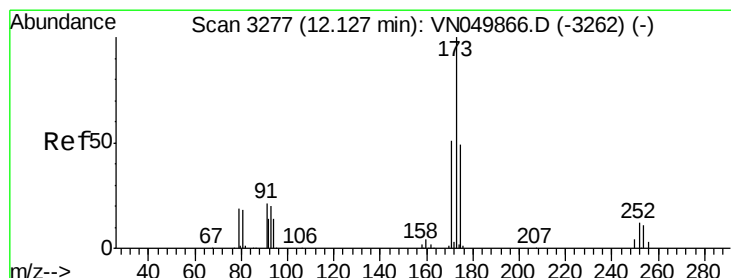
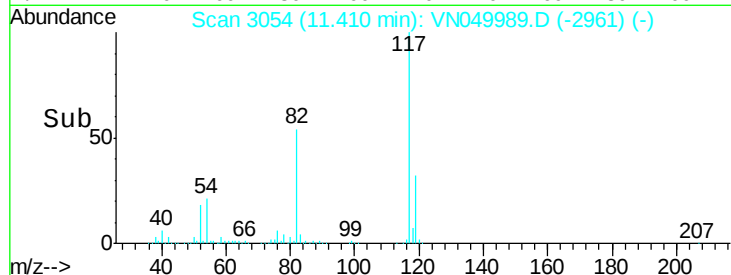
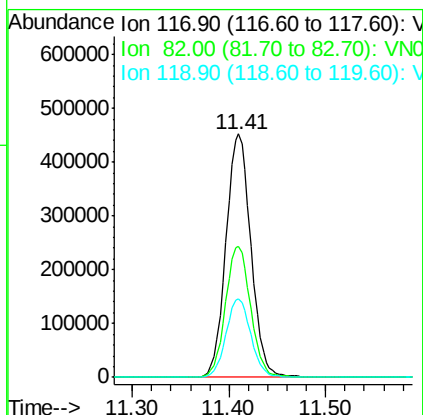
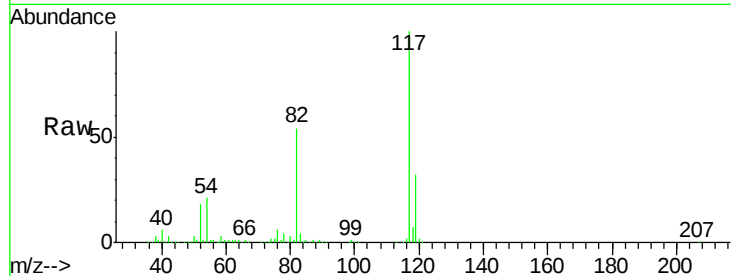




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

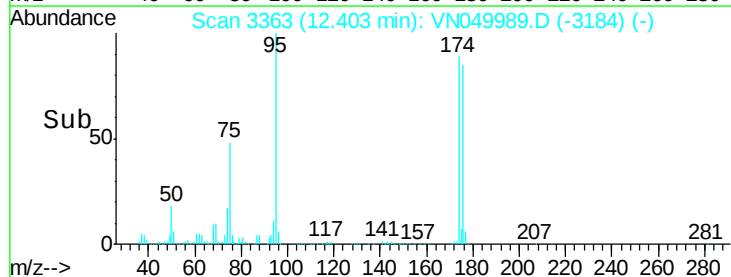
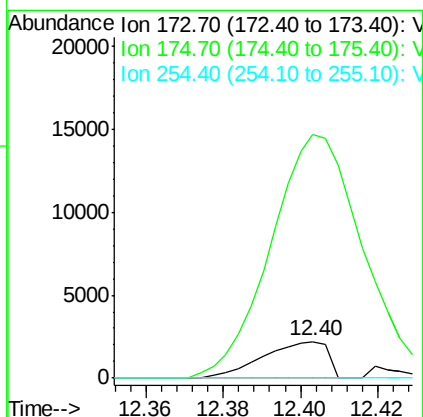
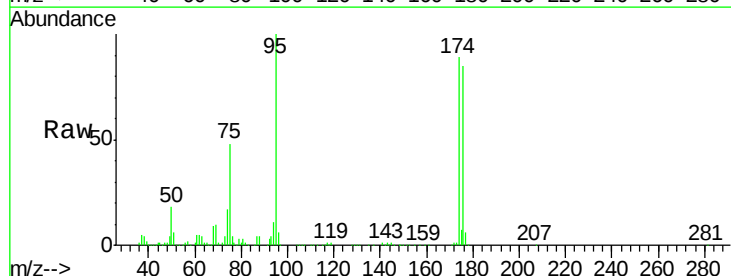
Instrument :
MSVOA_N
ClientSampleId :
RBR200029

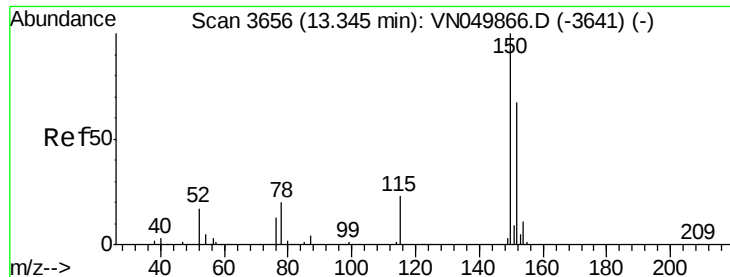
Tot Ion:117 Resp: 810695
Ion Ratio Lower Upper
117 100
82 53.9 41.9 62.9
119 32.4 25.4 38.2



#71
Bromoform
Concen: 0.45 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN049989.D
Acq: 21 Jul 2018 4:48

Tgt Ion:173 Resp: 2546
Ion Ratio Lower Upper
173 100
175 778.9 24.6 73.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampleId :

RBR200029

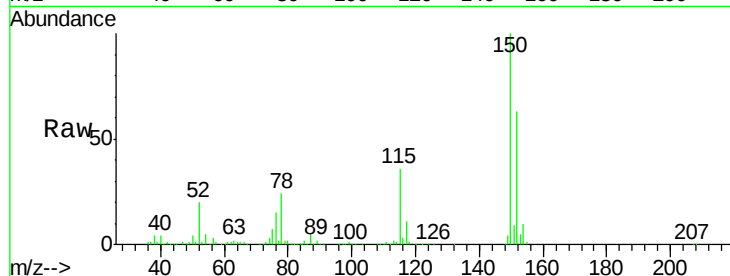
Tot Ion:152 Resp: 291353

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

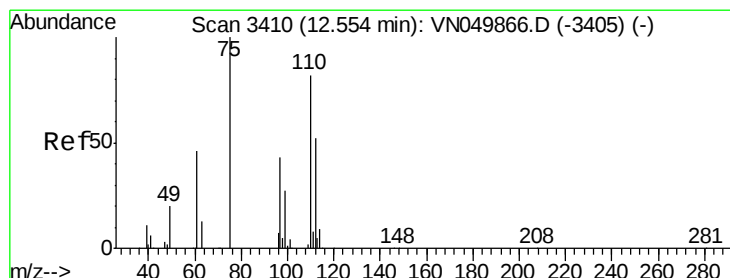
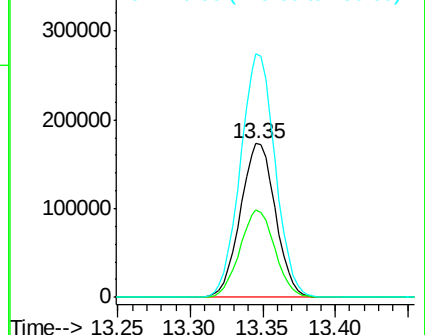
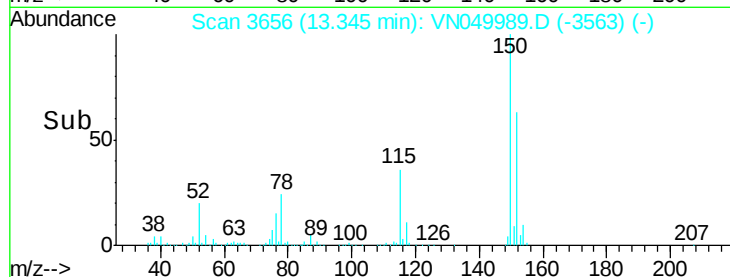
150 157.2 0.0 347.6



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



#76

1,2,3-Trichloropropane

Concen: 31.67 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049989.D

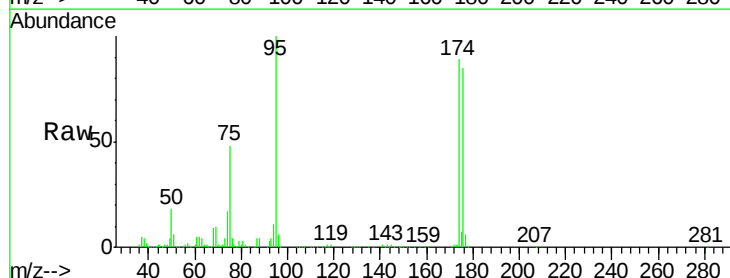
Acq: 21 Jul 2018 4:48

Tgt Ion: 75 Resp: 173072

Ion Ratio Lower Upper

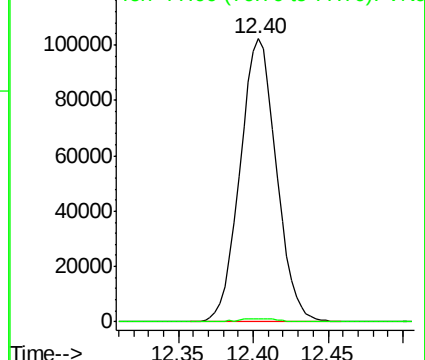
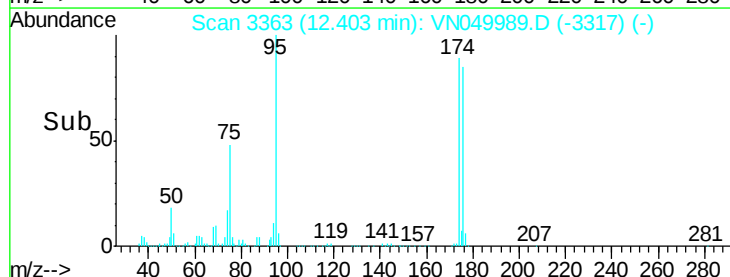
75 100

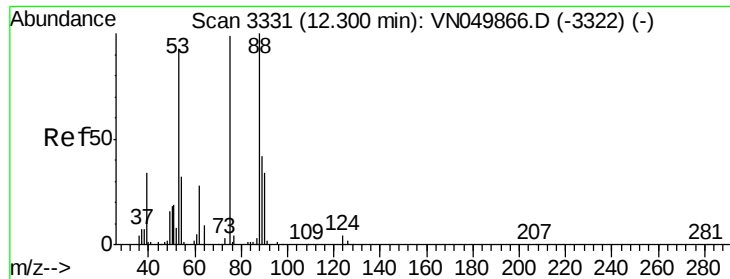
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 99.02 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampled :

RBR200029

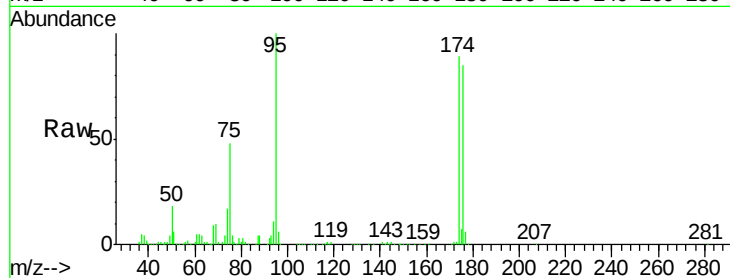
Tot Ion: 75 Resp: 173072

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

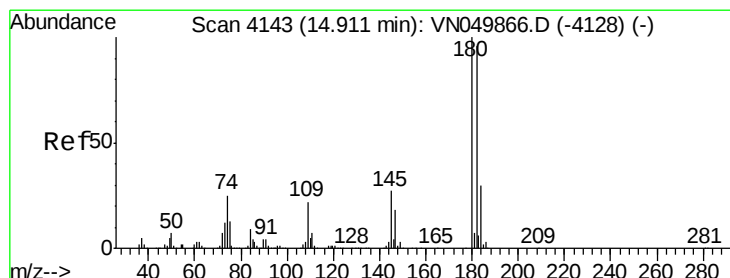
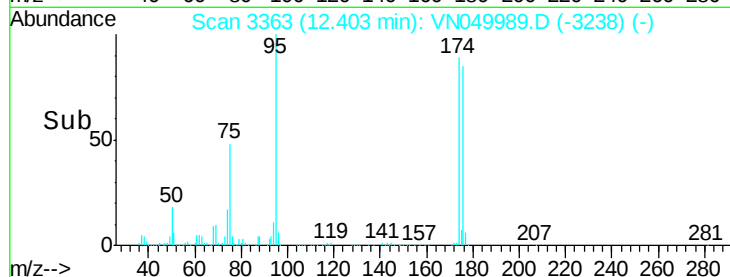
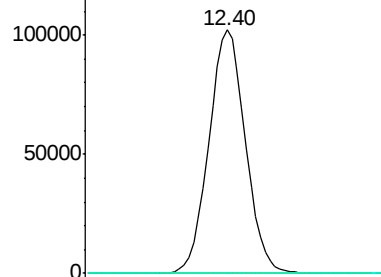
89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VN049989.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN049989.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN049989.D (-3363) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.53 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

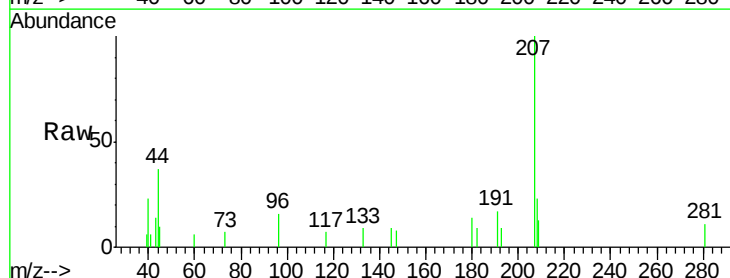
Tgt Ion: 180 Resp: 325

Ion Ratio Lower Upper

180 100

182 51.4 47.3 141.9

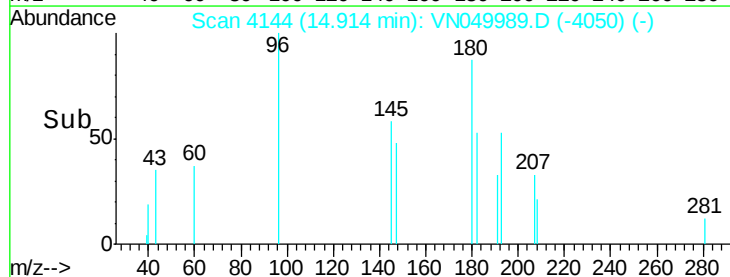
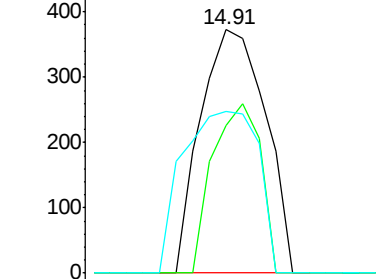
145 77.2 14.4 43.0#

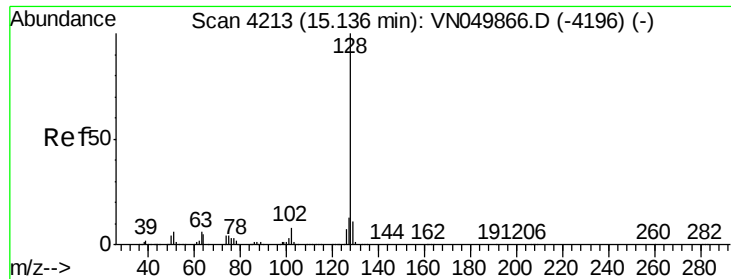


Abundance Ion 179.80 (179.50 to 180.50): VN049989.D (-4144) (-)

Ion 181.80 (181.50 to 182.50): VN049989.D (-4144) (-)

Ion 144.80 (144.50 to 145.50): VN049989.D (-4144) (-)





#95

Naphthalene

Concen: 6.04 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049989.D

Acq: 21 Jul 2018 4:48

Instrument :

MSVOA_N

ClientSampleId :

RBR200029

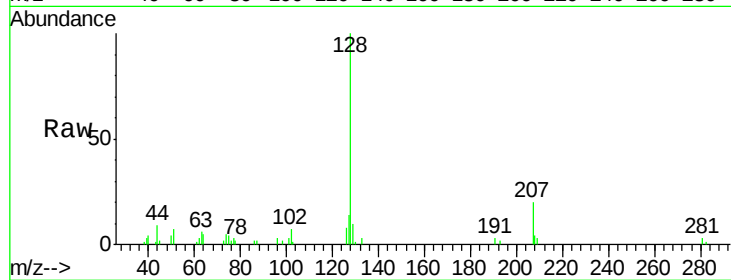
Tot Ion:128 Resp: 23448

Ion Ratio Lower Upper

128 100

127 15.2 10.4 15.6

129 10.9 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

