

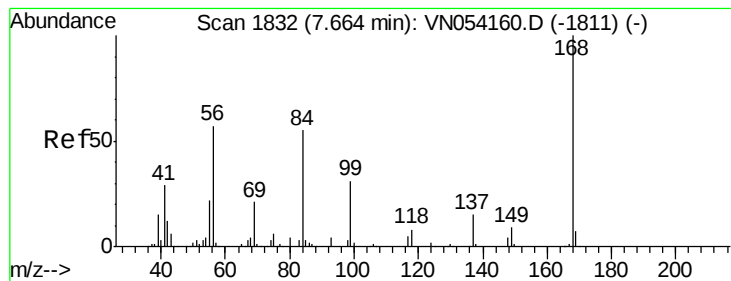
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054376.D
 Acq On : 17 Mar 2019 10:07
 Operator : JC/SP
 Sample : K1911-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200051

Quant Time: Mar 18 05:10:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1838035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2692634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2318633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	959433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	926977	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
35) Dibromofluoromethane	7.59	113	816178	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	10.09	98	3114094	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	990741	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.41	74	10598	0.904	ug/l	87
10) Methyl Iodide	3.95	142	175	1.503	ug/l #	45
13) Acrolein	3.62	56	477	0.376	ug/l #	14
16) Acetone	3.82	43	43267	7.741	ug/l	93
18) Methyl Acetate	4.33	43	7654	0.677	ug/l #	72
20) Methylene Chloride	4.54	84	157338	8.573	ug/l	99
25) 2-Butanone	6.86	43	3048	0.465	ug/l	97
30) Chloroform	7.37	83	12416	0.379	ug/l	96
31) Cyclohexane	7.66	56	28207	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	107147	4.321	ug/l #	46
38) Carbon Tetrachloride	7.66	117	148295	5.703	ug/l #	16
43) Isopropyl Acetate	8.17	43	22676	0.907	ug/l	98
48) Methyl methacrylate	9.18	41	13622	1.073	ug/l #	11
49) 1,4-Dioxane	9.27	88	74	0.412	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	10428	0.788	ug/l #	36
53) t-1,3-Dichloropropene	10.19	75	69	1.988	ug/l #	42
54) cis-1,3-Dichloropropene	9.90	75	105032	3.777	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	21442	0.798	ug/l #	44
59) 2-Hexanone	10.77	43	291876	33.143	ug/l #	50
68) m/p-Xylenes	11.62	106	8359	0.253	ug/l	92
71) Bromoform	12.40	173	5920	2.751	ug/l #	1
74) N-amyl acetate	11.88	43	28675	1.683	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	469707	33.292	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	22917	0.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	469707	113.805	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	38520	0.615	ug/l	97
85) sec-Butylbenzene	13.04	105	38520	0.505	ug/l #	55
90) Hexachloroethane	13.89	117	2456	0.222	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	458	2.538	ug/l #	79
95) Naphthalene	15.13	128	2003106	47.768	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampled :

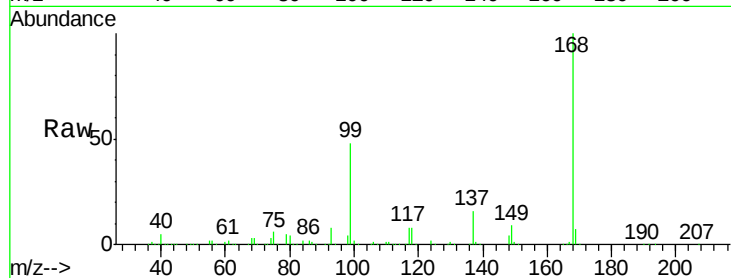
RBR200051

Tot Ion:168 Resp: 1838035

Ion Ratio Lower Upper

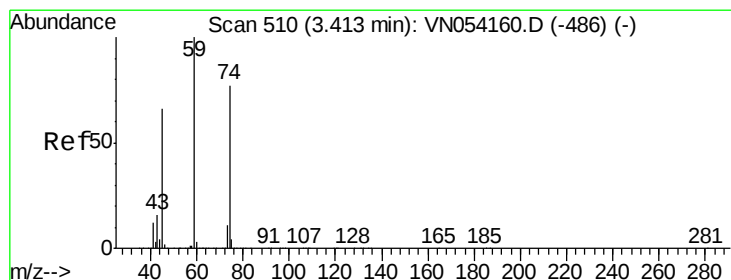
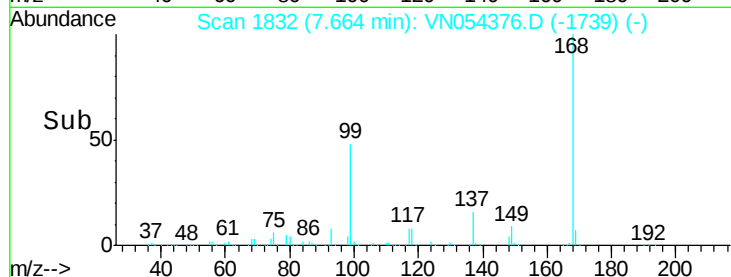
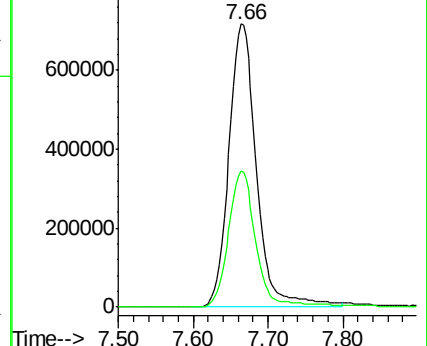
168 100

99 48.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#8

Diethyl Ether

Concen: 0.904 ug/l

RT: 3.41 min Scan# 510

Delta R.T. -0.00 min

Lab File: VN054376.D

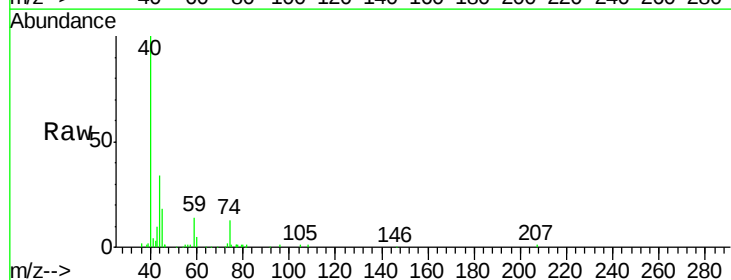
Acq: 17 Mar 2019 10:07

Tgt Ion: 74 Resp: 10598

Ion Ratio Lower Upper

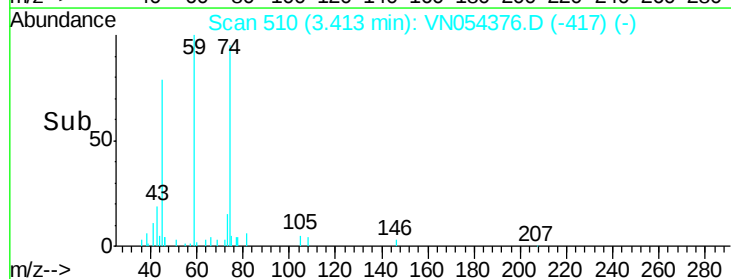
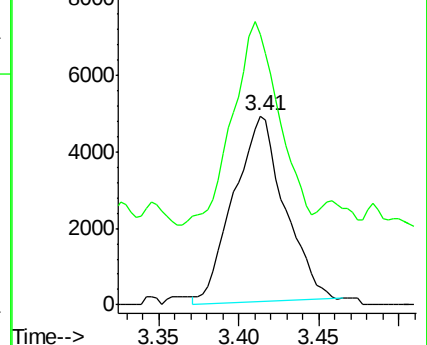
74 100

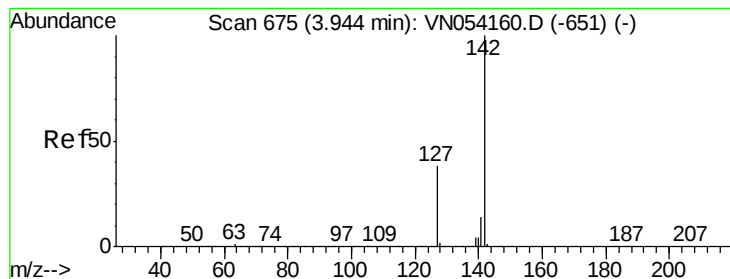
45 98.1 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#10

Methvl Iodide

Concen: 1.503 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.01 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampled :

RBR200051

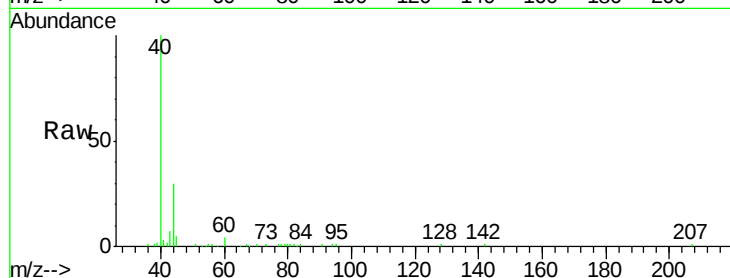
Tot Ion:142 Resp: 175

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

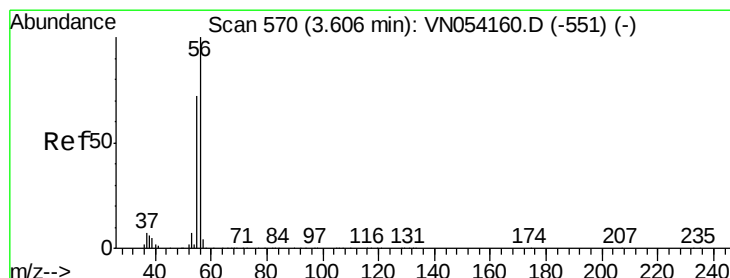
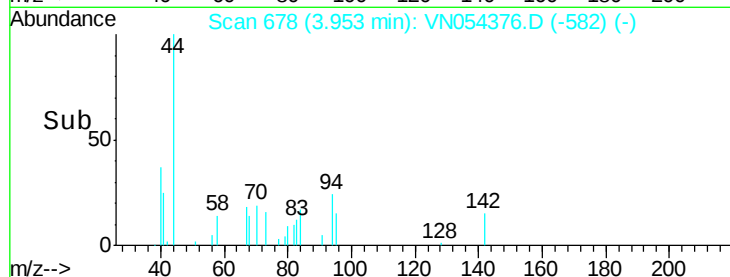
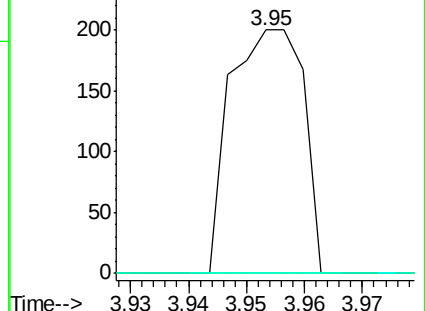
141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#13

Acrolein

Concen: 0.376 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN054376.D

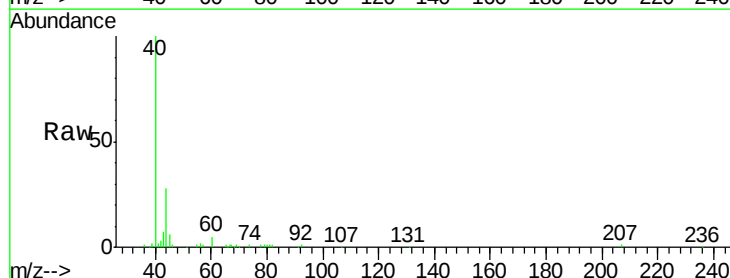
Acq: 17 Mar 2019 10:07

Tgt Ion: 56 Resp: 477

Ion Ratio Lower Upper

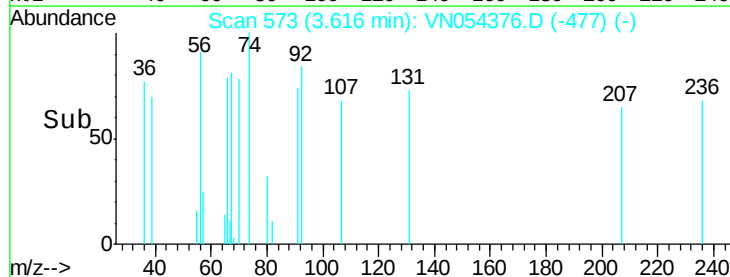
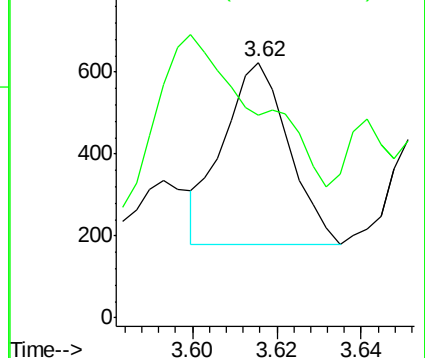
56 100

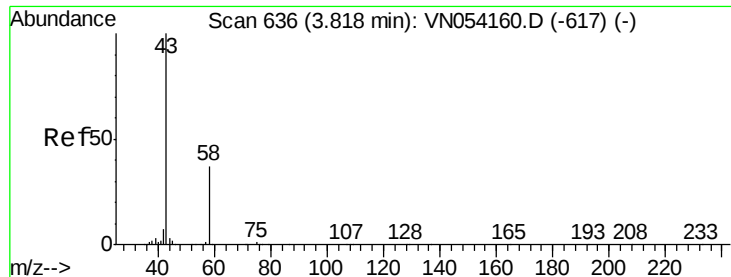
55 0.0 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): V

Ion 55.00 (54.70 to 55.70): V





#16

Acetone

Concen: 7.741 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampled :

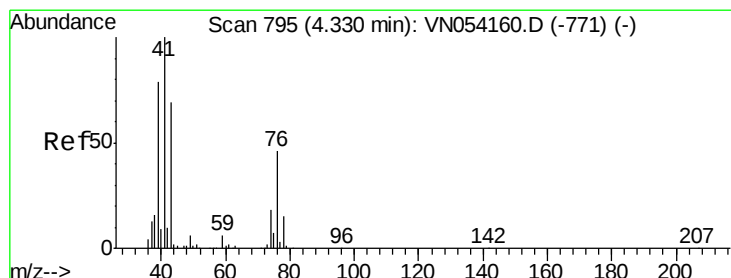
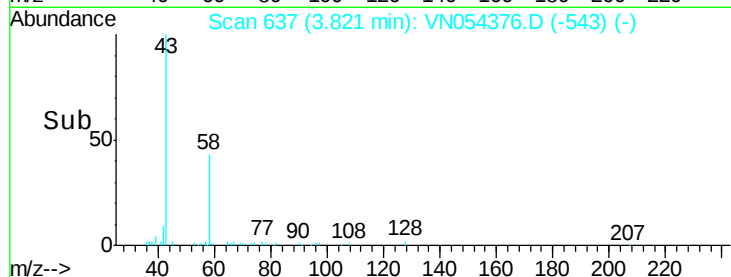
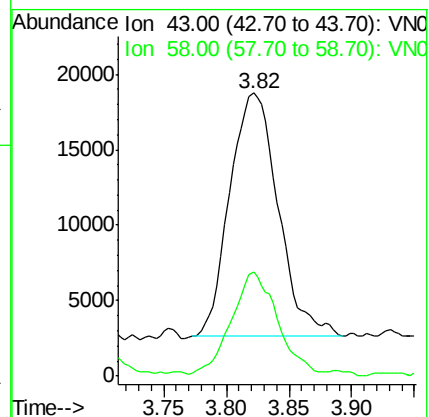
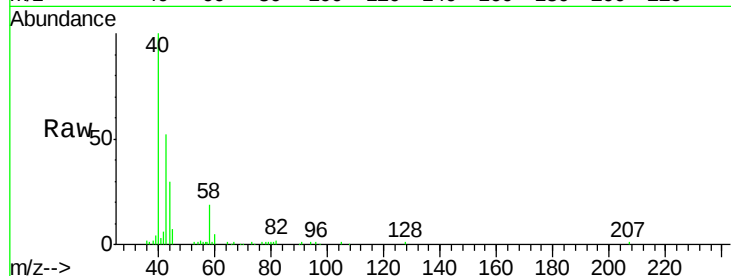
RBR200051

Tot Ion: 43 Resp: 43267

Ion Ratio Lower Upper

43 100

58 41.6 29.9 44.9



#18

Methyl Acetate

Concen: 0.677 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN054376.D

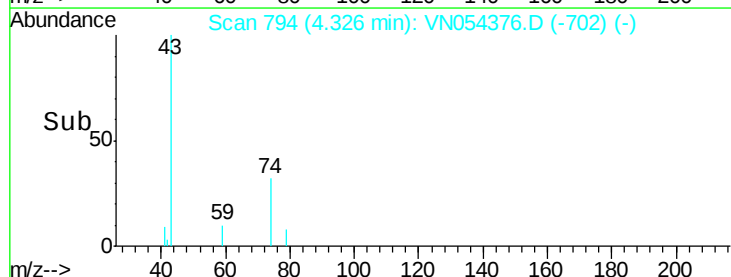
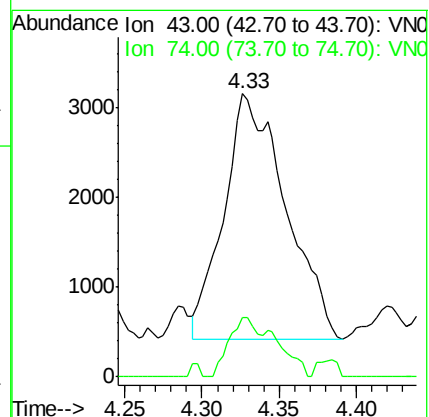
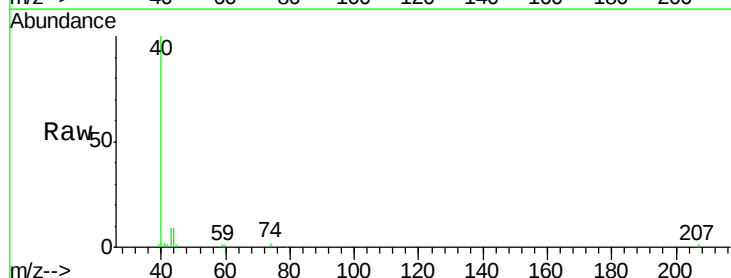
Acq: 17 Mar 2019 10:07

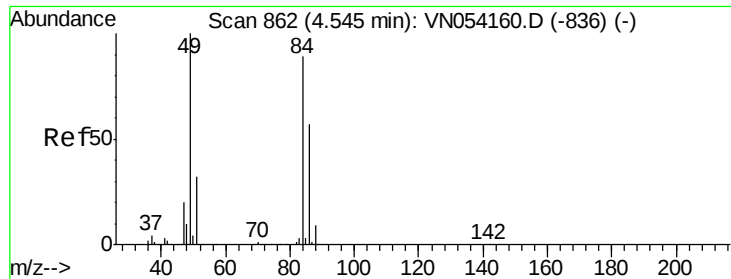
Tgt Ion: 43 Resp: 7654

Ion Ratio Lower Upper

43 100

74 11.6 20.8 31.2#

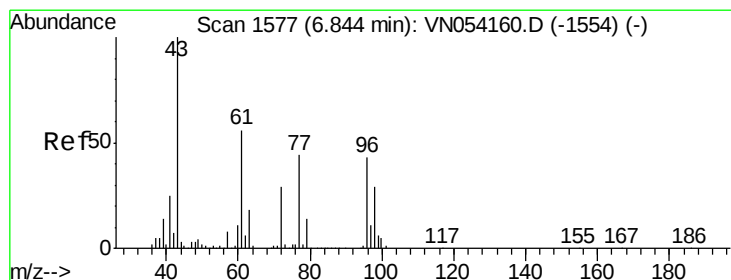
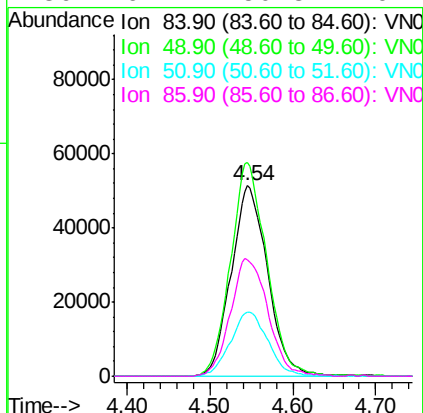
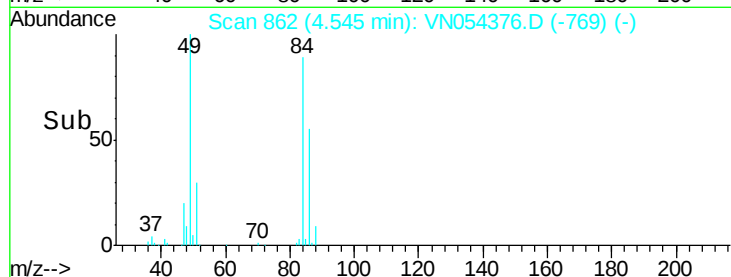
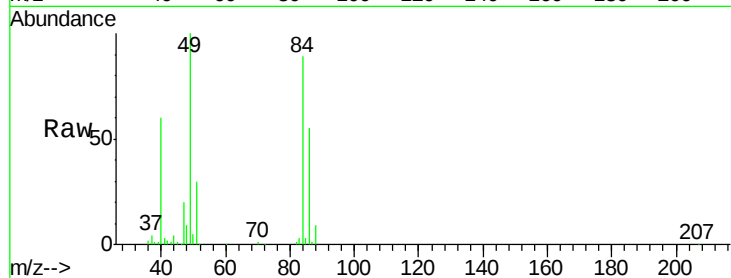




#20
Methvlene Chloride
Concen: 8.573 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

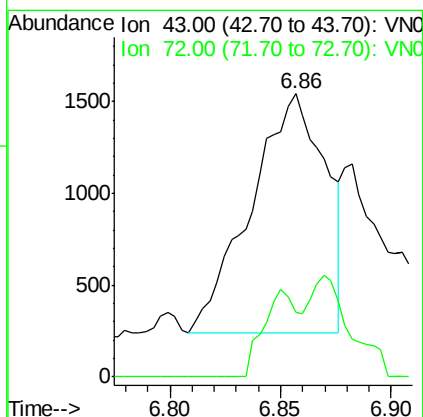
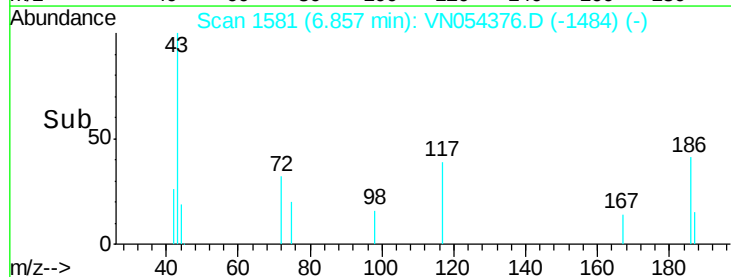
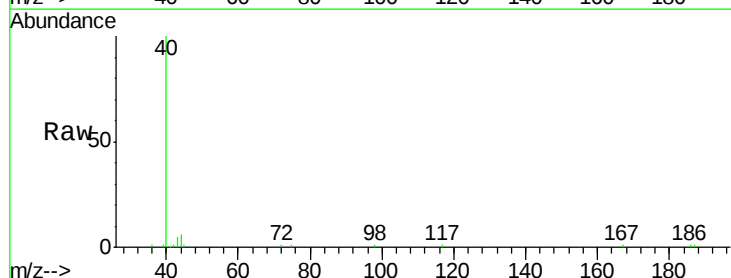
Instrument :
MSVOA_N
ClientSampled :
RBR200051

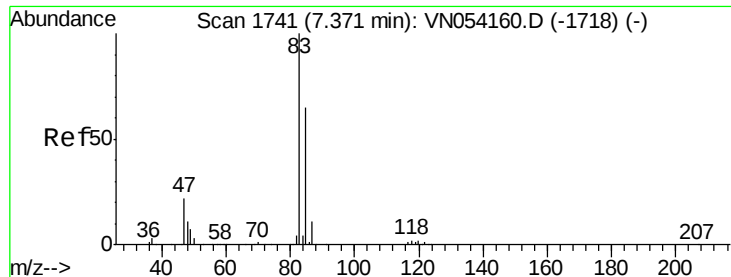
Tot Ion: 84 Resp: 157338
Ion Ratio Lower Upper
84 100
49 112.1 89.7 134.5
51 33.5 28.2 42.4
86 61.2 50.8 76.2



#25
2-Butanone
Concen: 0.465 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

Tgt Ion: 43 Resp: 3048
Ion Ratio Lower Upper
43 100
72 27.0 23.0 34.6

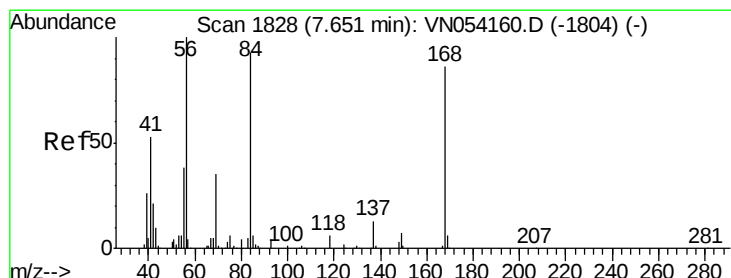
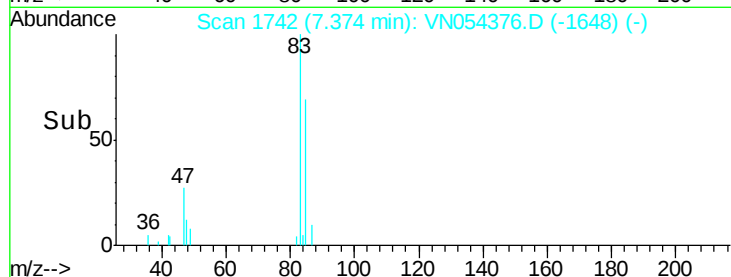
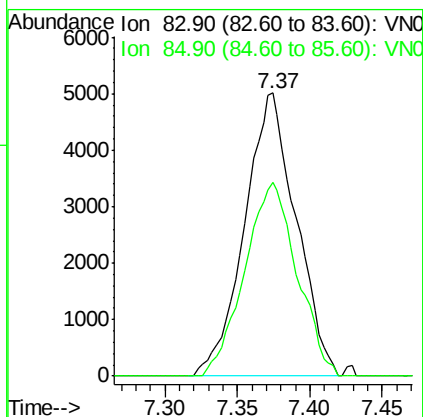
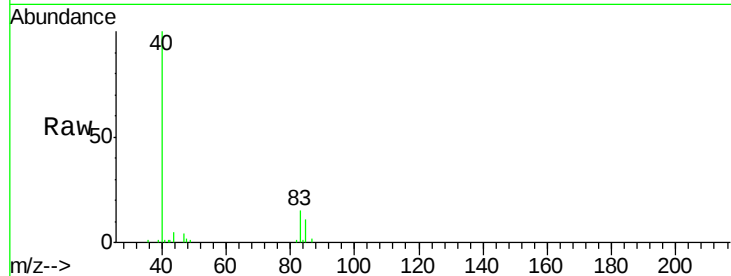




#30
Chloroform
Concen: 0.379 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

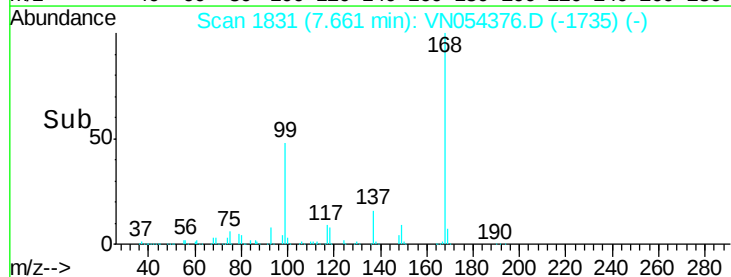
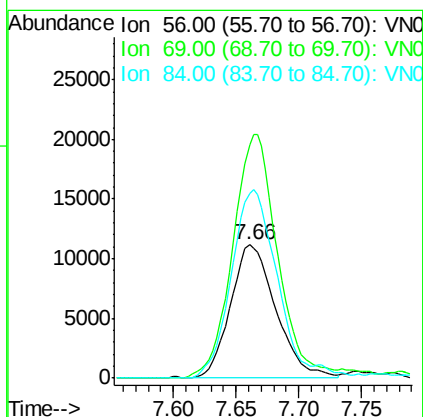
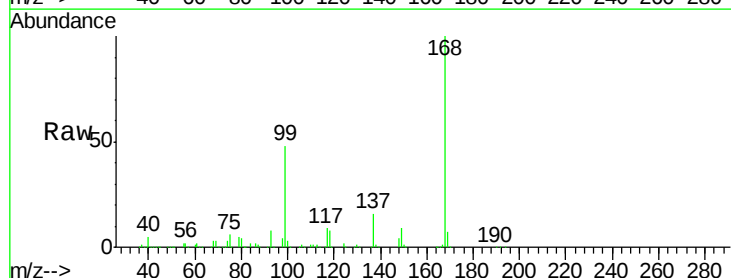
Instrument :
MSVOA_N
ClientSampleId :
RBR200051

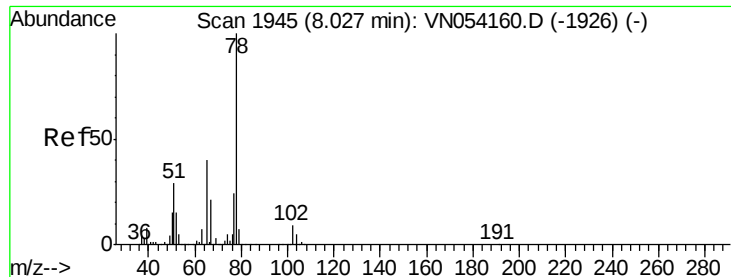
Tot Ion: 83 Resp: 12416
Ion Ratio Lower Upper
83 100
85 68.5 52.2 78.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

Tgt Ion: 56 Resp: 28207
Ion Ratio Lower Upper
56 100
69 173.5 27.8 41.6#
84 138.9 74.6 111.8#





#33

1,2-Dichloroethane-d4

Concen: 47.489 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

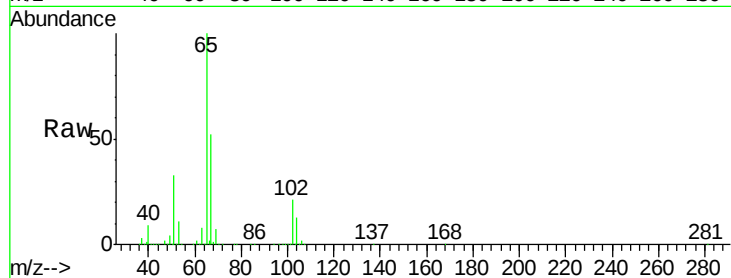
RBR200051

Tot Ion: 65 Resp: 926977

Ion Ratio Lower Upper

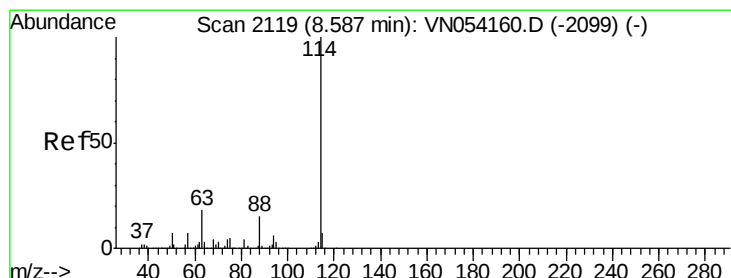
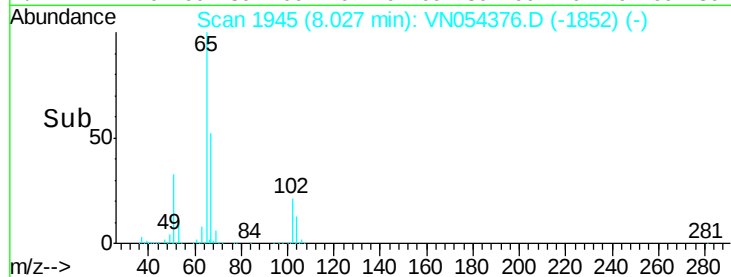
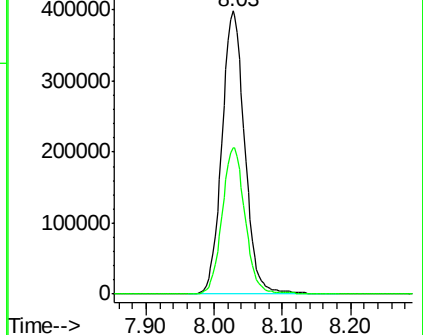
65 100

67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054376.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054376.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

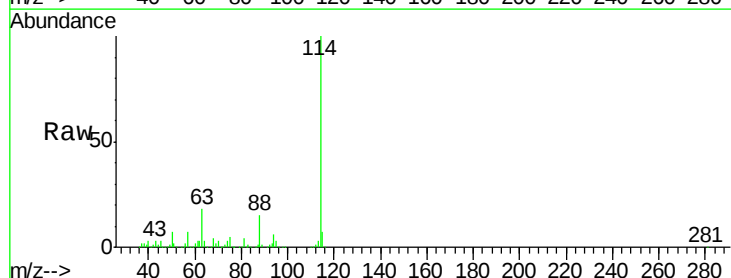
Tgt Ion: 114 Resp: 2692634

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

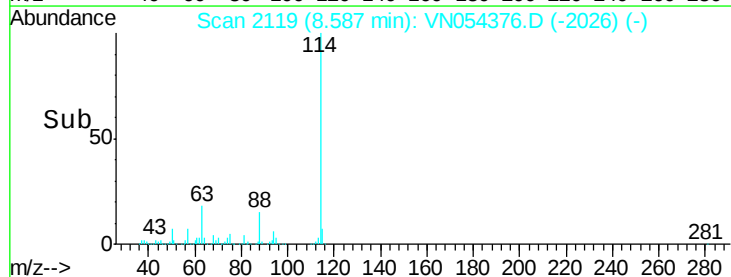
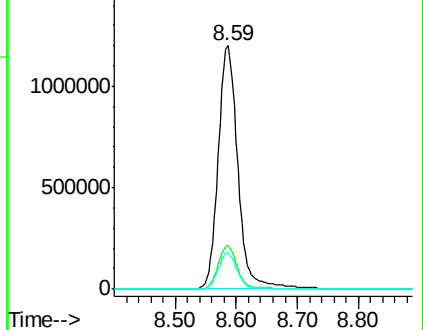
88 14.8 0.0 30.2

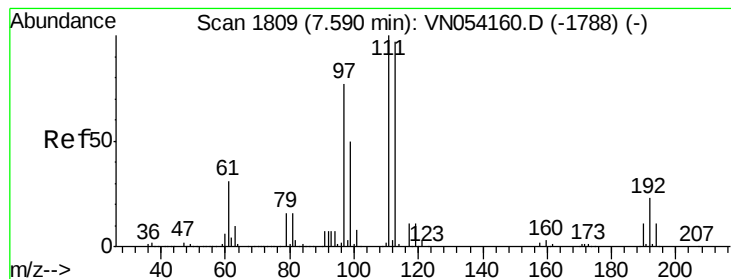


Abundance Ion 113.90 (113.60 to 114.60): VN054376.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054376.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054376.D (-2026) (-)





#35

Dibromofluoromethane

Concen: 46.998 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

RBR200051

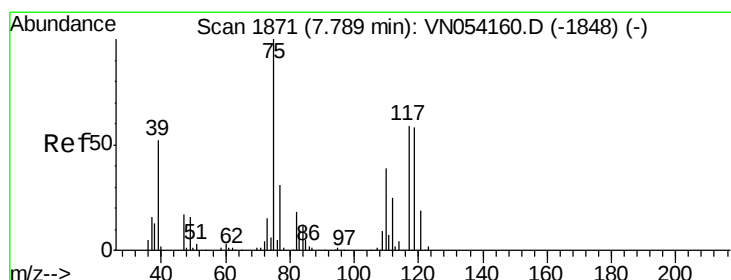
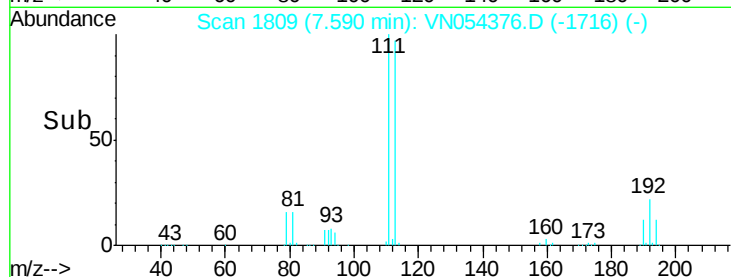
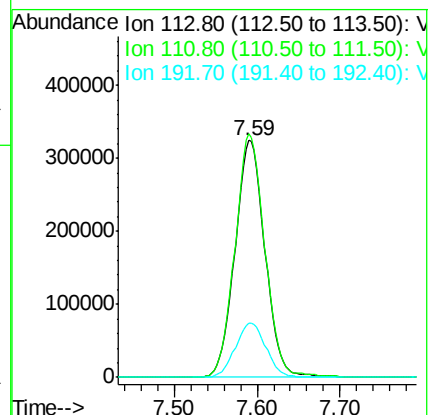
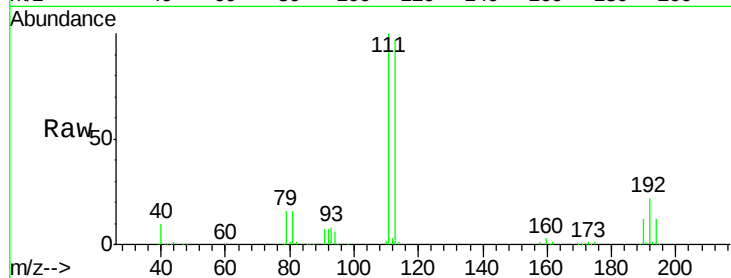
Tot Ion:113 Resp: 816178

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 23.3 19.2 28.8



#36

1,1-Dichloropropene

Concen: 4.321 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

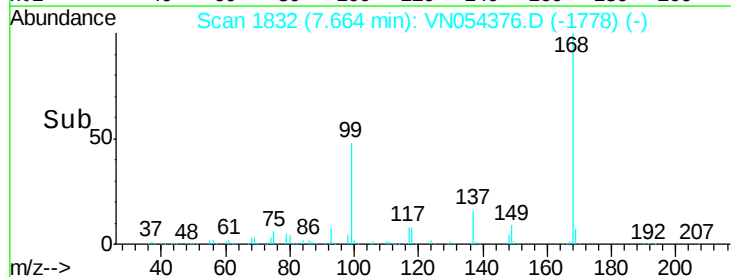
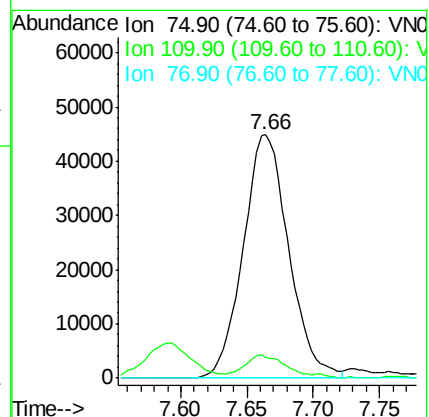
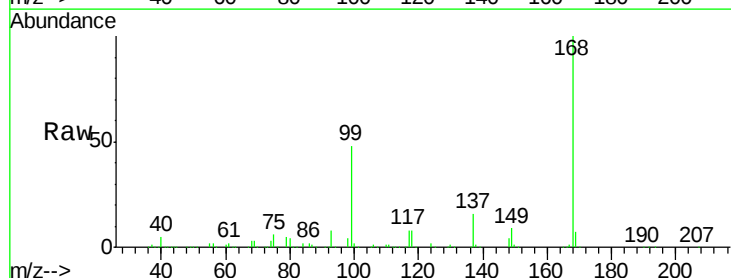
Tgt Ion: 75 Resp: 107147

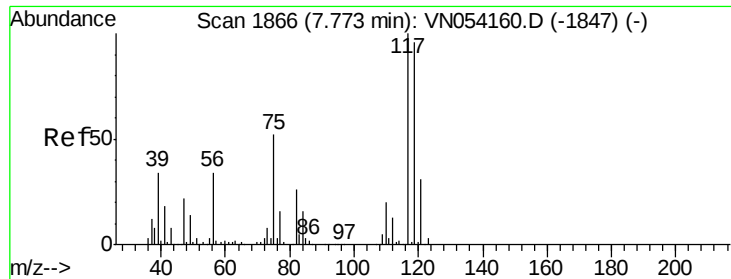
Ion Ratio Lower Upper

75 100

110 6.6 19.1 57.5#

77 0.0 25.0 37.4#

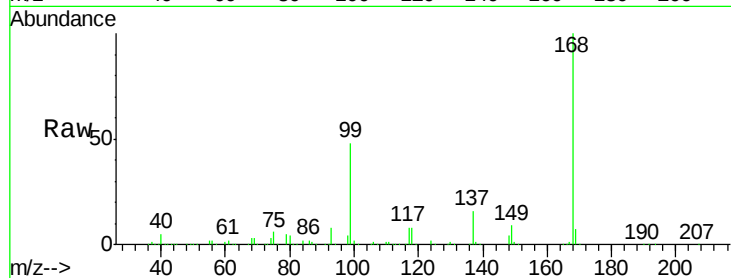




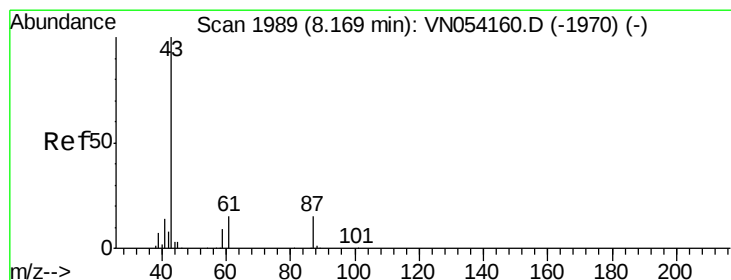
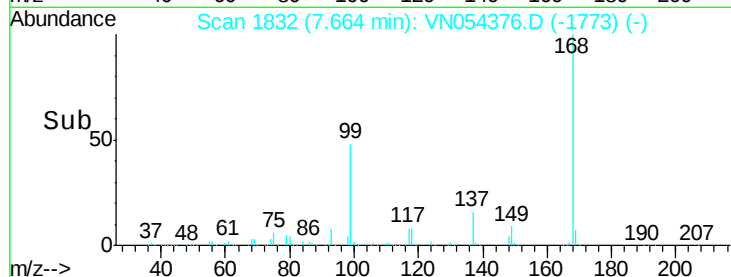
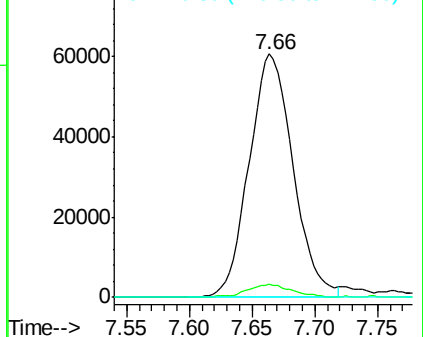
#38
Carbon Tetrachloride
Concen: 5.703 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

Instrument :
MSVOA_N
ClientSampled :
RBR200051

Tot Ion:117 Resp: 148295
Ion Ratio Lower Upper
117 100
119 5.3 76.3 114.5#
121 0.0 24.6 36.8#

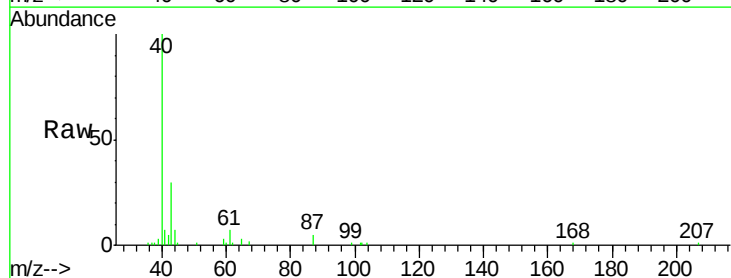


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

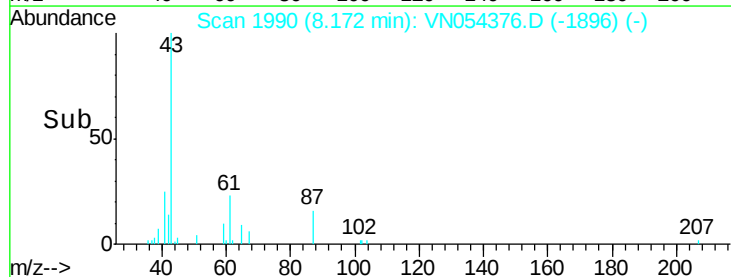
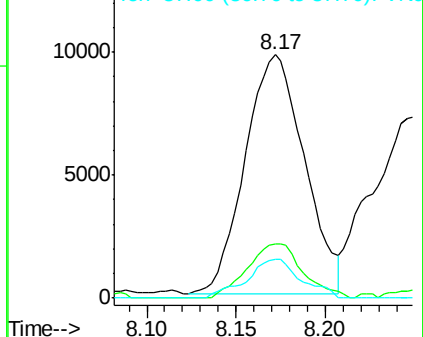


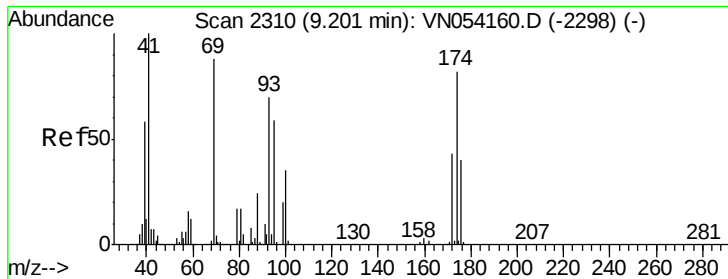
#43
Isopropyl Acetate
Concen: 0.907 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

Tgt Ion: 43 Resp: 22676
Ion Ratio Lower Upper
43 100
61 21.3 15.8 23.8
87 14.8 12.0 18.0



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

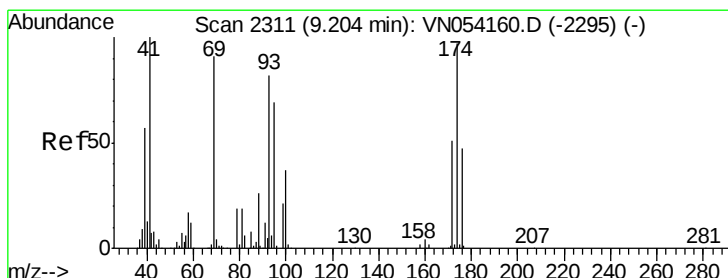
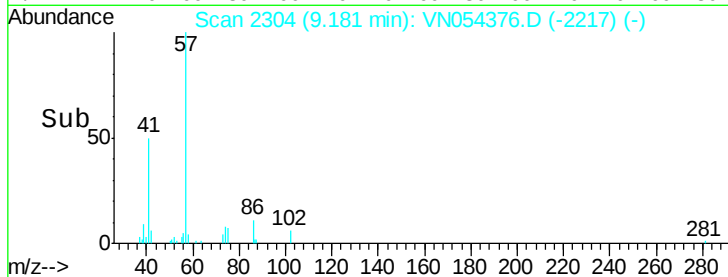
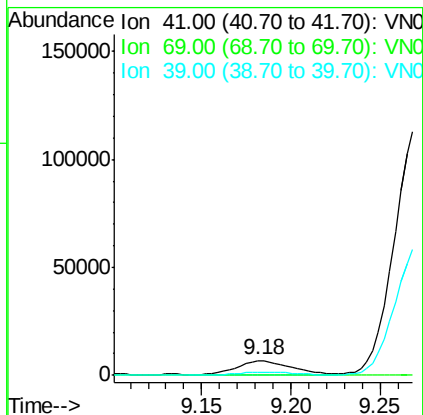
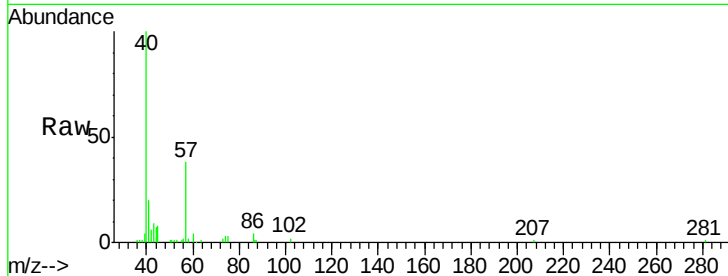




#48
Methvl methacrylate
Concen: 1.073 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

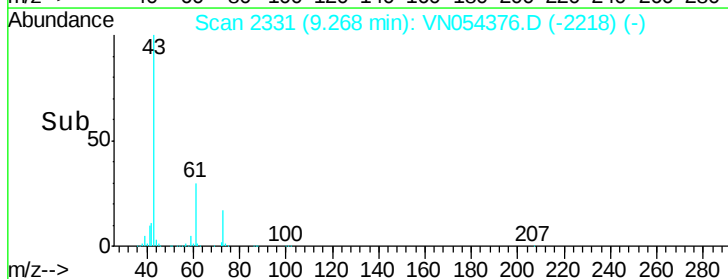
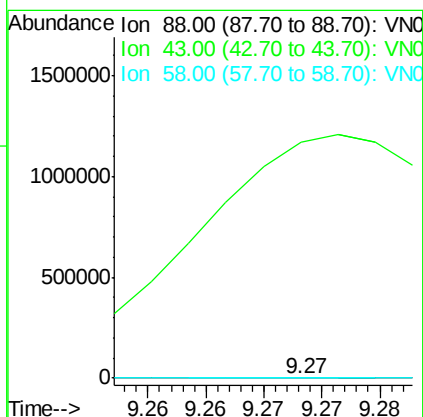
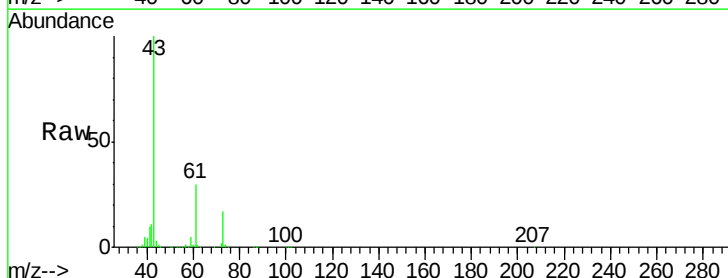
Instrument :
MSVOA_N
ClientSampled :
RBR200051

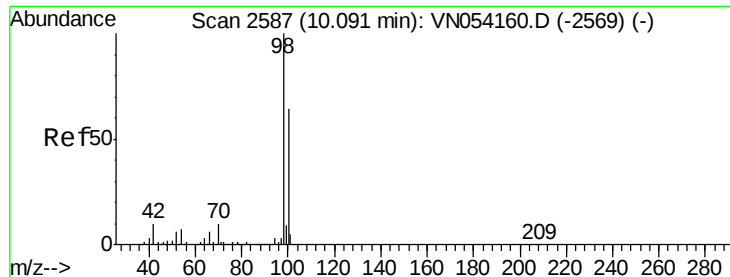
Tot Ion: 41 Resp: 13622
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 0.412 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.06 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

Tgt Ion: 88 Resp: 74
Ion Ratio Lower Upper
88 100
43 3206517.6 24.1 36.1#
58 14183.8 50.8 76.2#





#50

Toluene-d8

Concen: 48.554 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

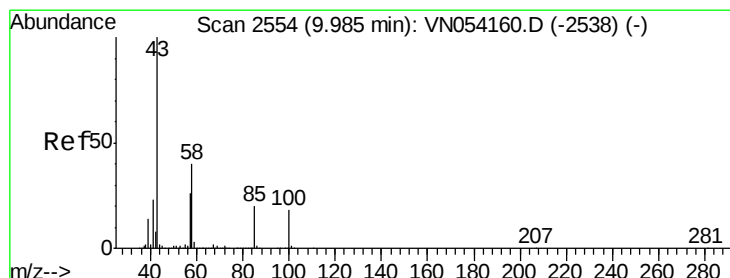
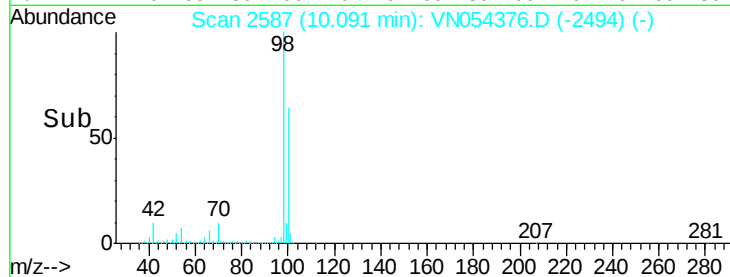
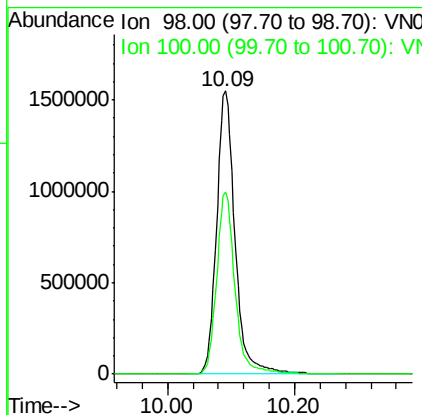
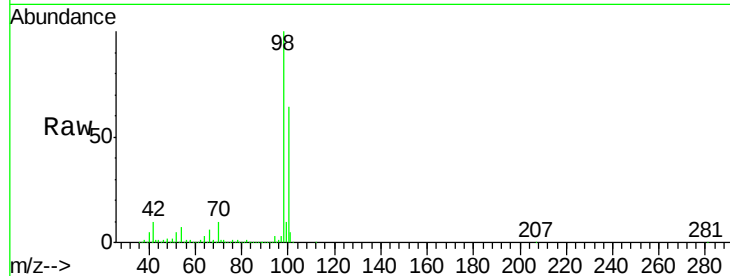
RBR200051

Tot Ion: 98 Resp: 3114094

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 0.788 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054376.D

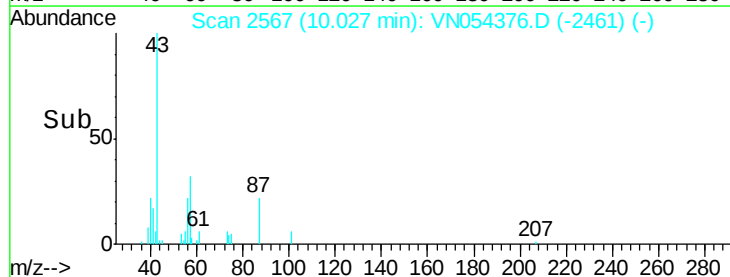
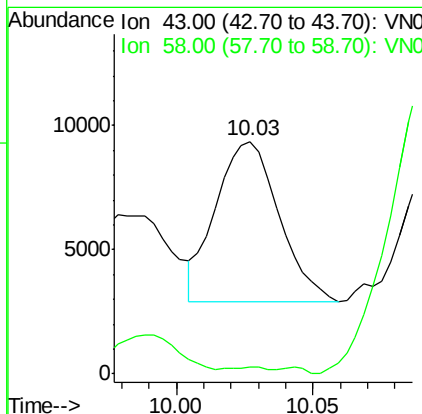
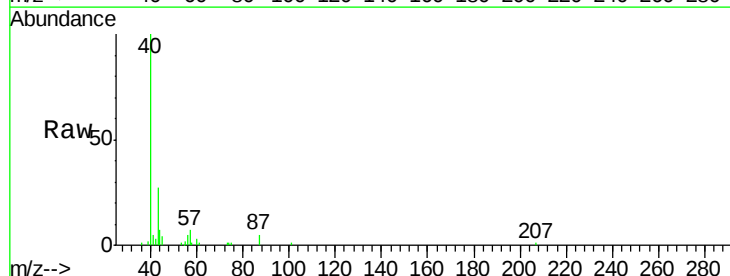
Acq: 17 Mar 2019 10:07

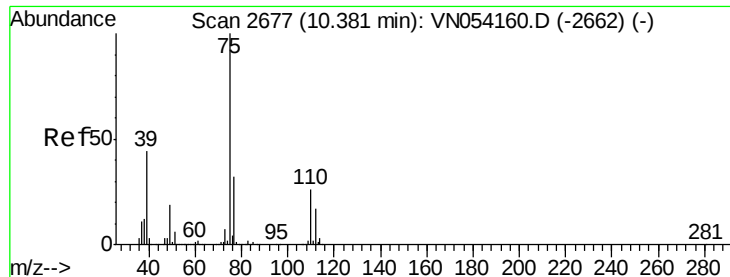
Tgt Ion: 43 Resp: 10428

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#





#53

t-1,3-Dichloropropene

Concen: 1.988 ug/l

RT: 10.19 min Scan# 2619

Delta R.T. -0.19 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampled :

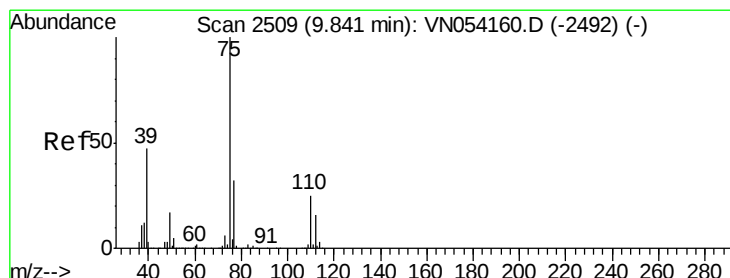
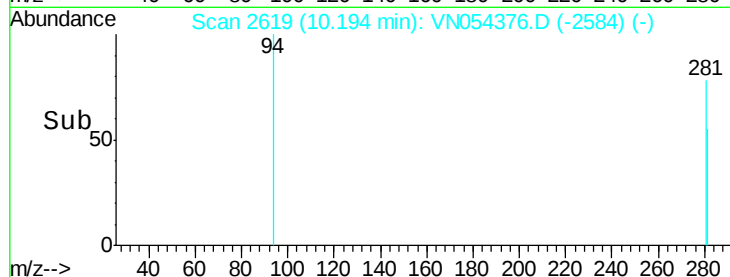
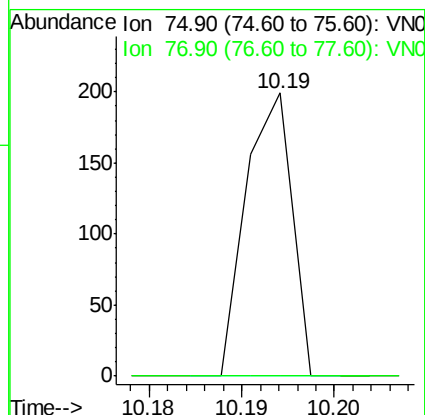
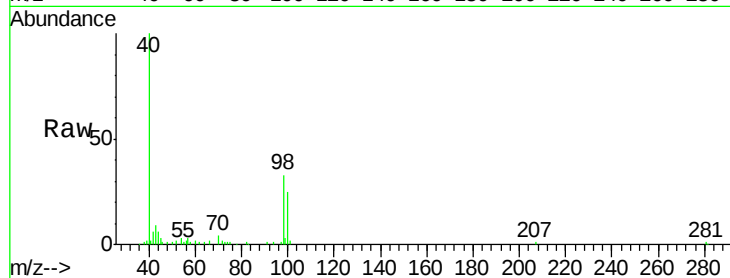
RBR200051

Tot Ion: 75 Resp: 69

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#



#54

cis-1,3-Dichloropropene

Concen: 3.777 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

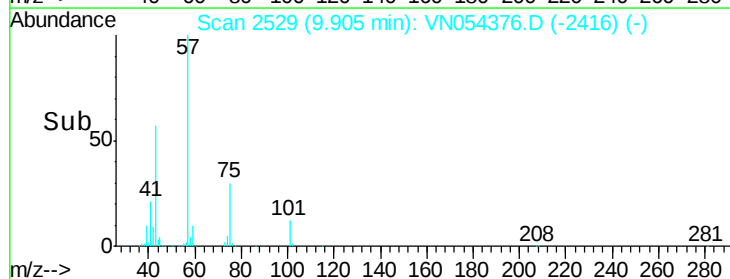
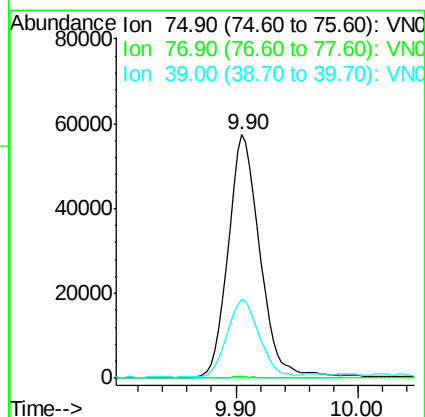
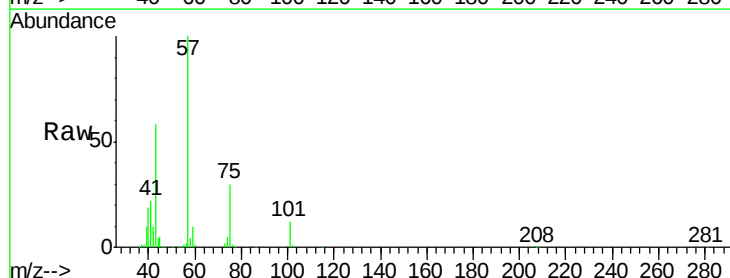
Tgt Ion: 75 Resp: 105032

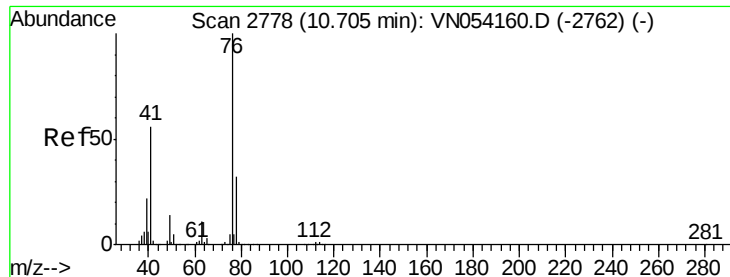
Ion Ratio Lower Upper

75 100

77 0.5 25.4 38.0#

39 31.7 37.2 55.8#





#57

1,3-Dichloropropane

Concen: 0.798 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampled :

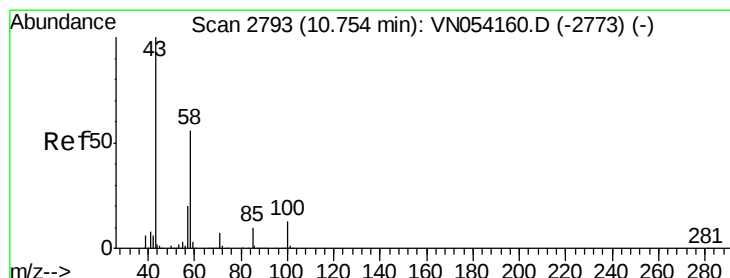
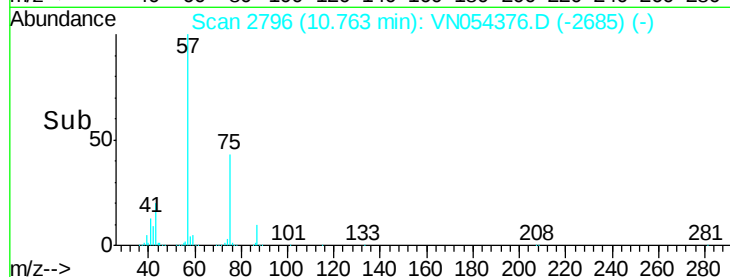
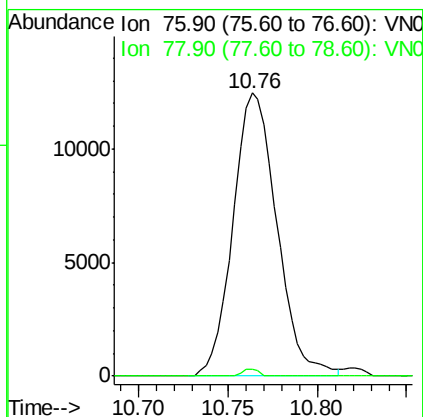
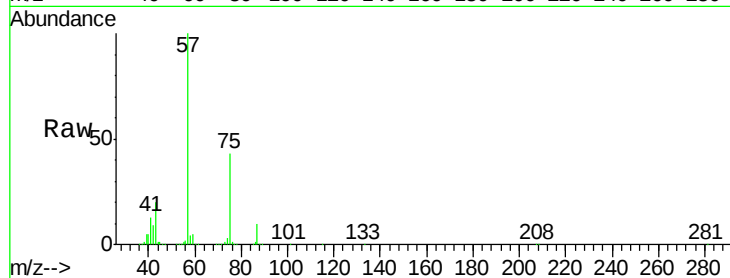
RBR200051

Tot Ion: 76 Resp: 21442

Ion Ratio Lower Upper

76 100

78 0.9 25.7 38.5#



#59

2-Hexanone

Concen: 33.143 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054376.D

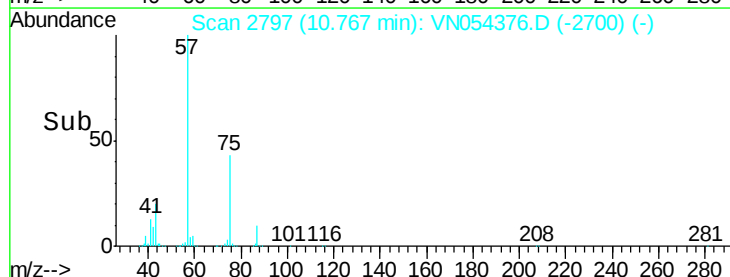
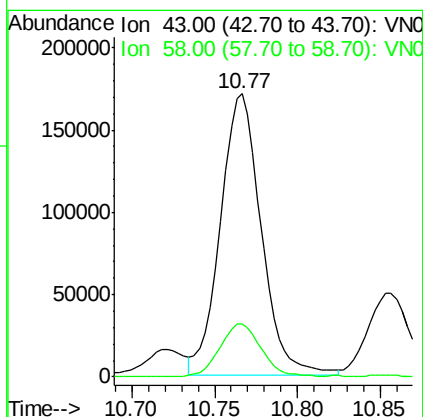
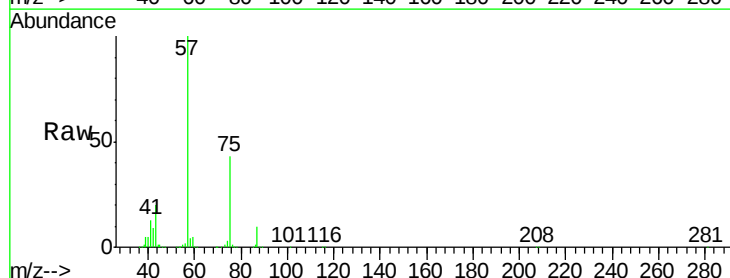
Acq: 17 Mar 2019 10:07

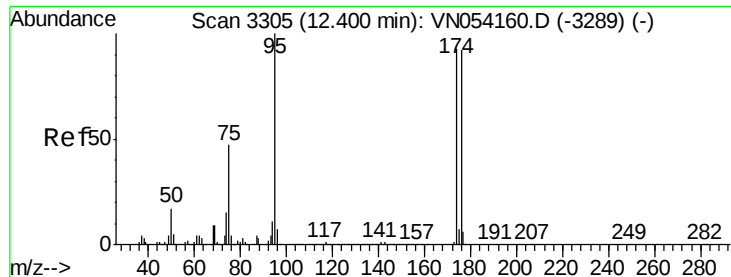
Tgt Ion: 43 Resp: 291876

Ion Ratio Lower Upper

43 100

58 19.3 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 44.148 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

RBR200051

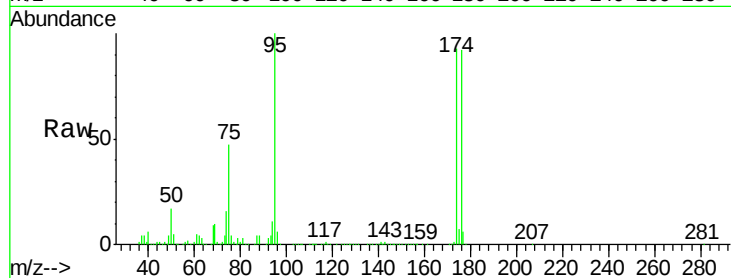
Tot Ion: 95 Resp: 990741

Ion Ratio Lower Upper

95 100

174 95.2 0.0 191.0

176 93.3 0.0 187.4

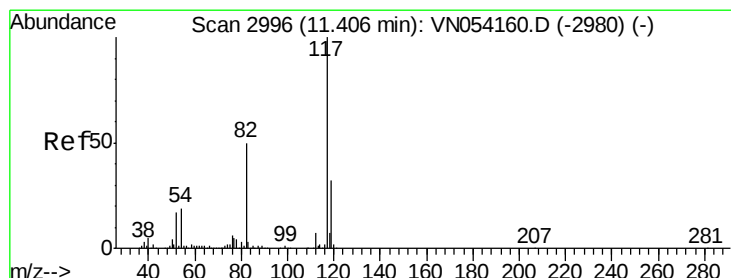
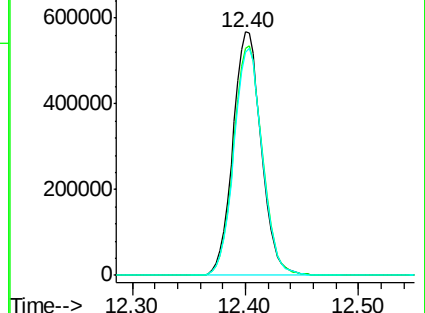
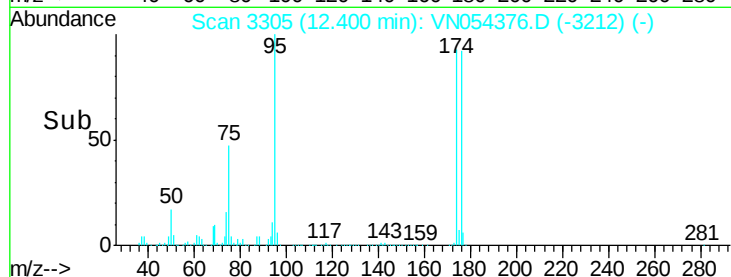


Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

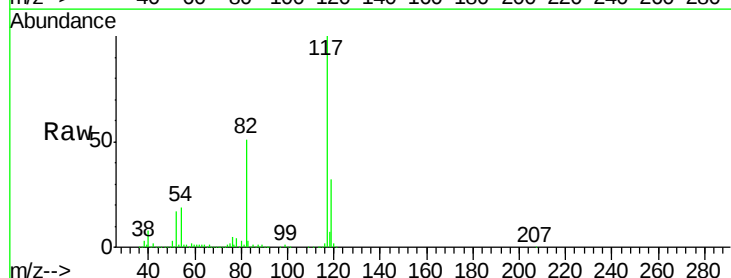
Tgt Ion: 117 Resp: 2318633

Ion Ratio Lower Upper

117 100

82 50.5 40.0 60.0

119 32.3 25.8 38.6

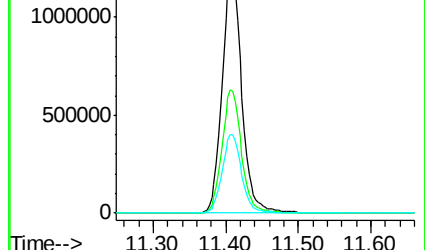
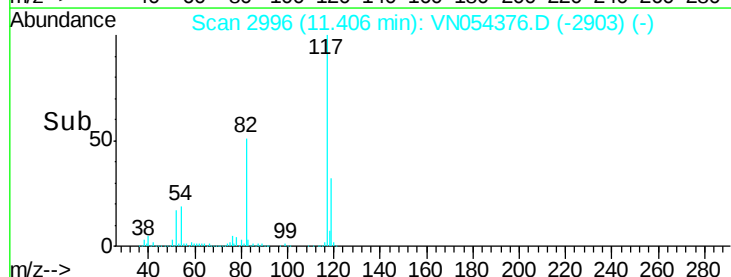


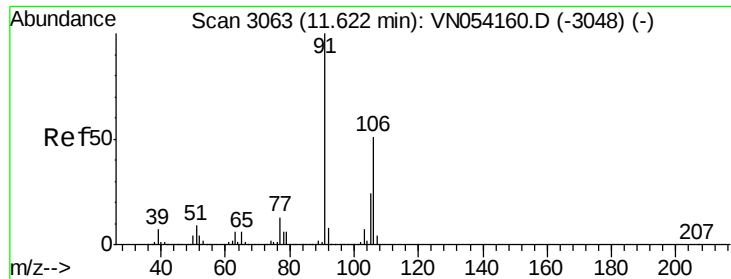
Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)

Time--> 11.30 11.40 11.50 11.60

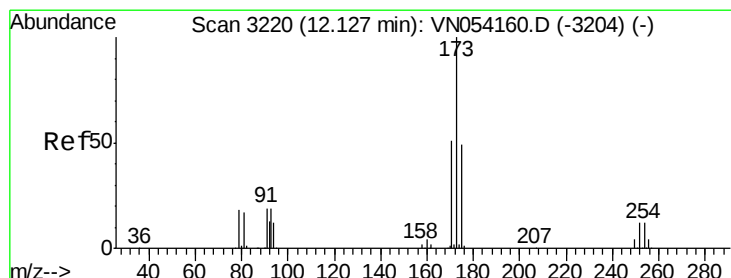
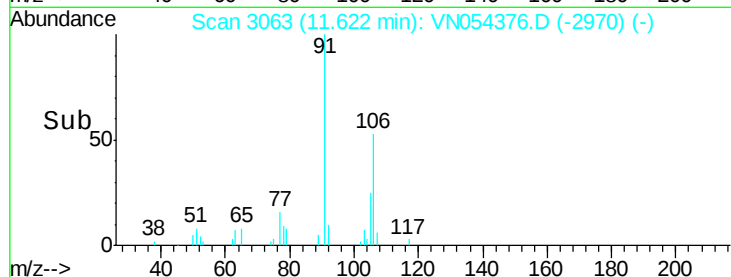
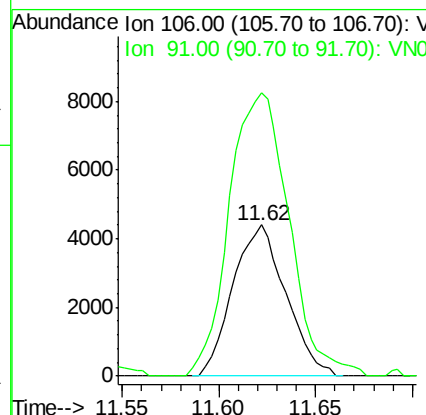
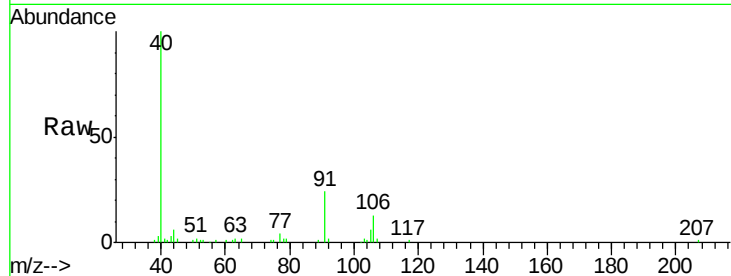




#68
m/p-Xvlenes
Concen: 0.253 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

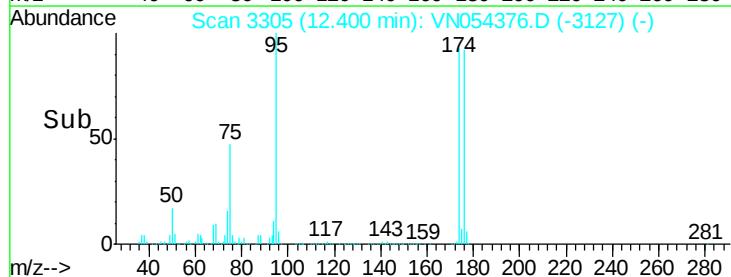
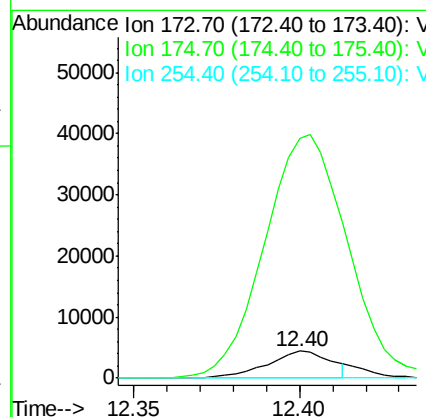
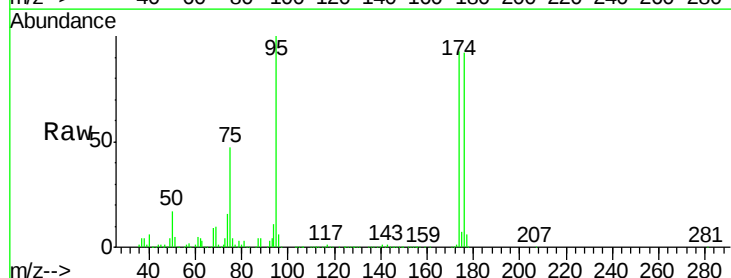
Instrument :
MSVOA_N
ClientSampleId :
RBR200051

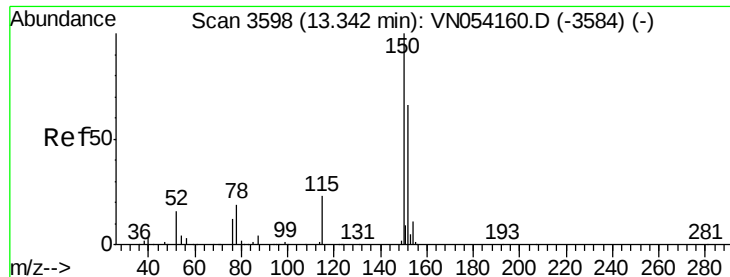
Tot Ion:106 Resp: 8359
Ion Ratio Lower Upper
106 100
91 212.0 159.4 239.2



#71
Bromoform
Concen: 2.751 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054376.D
Acq: 17 Mar 2019 10:07

Tgt Ion:173 Resp: 5920
Ion Ratio Lower Upper
173 100
175 1001.1 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

RBR200051

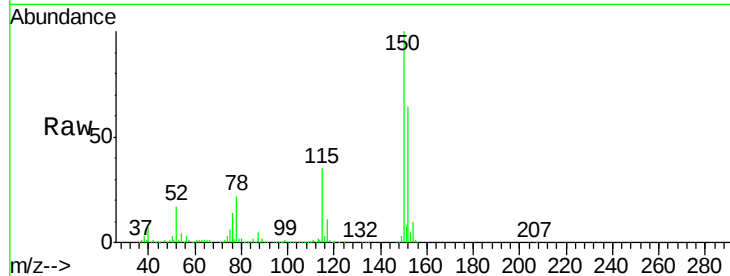
Tot Ion:152 Resp: 959433

Ion Ratio Lower Upper

152 100

115 55.1 27.2 81.6

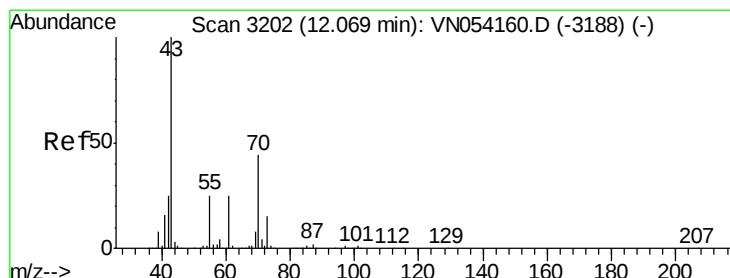
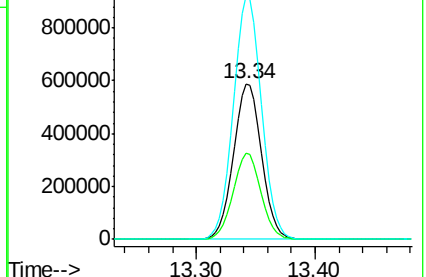
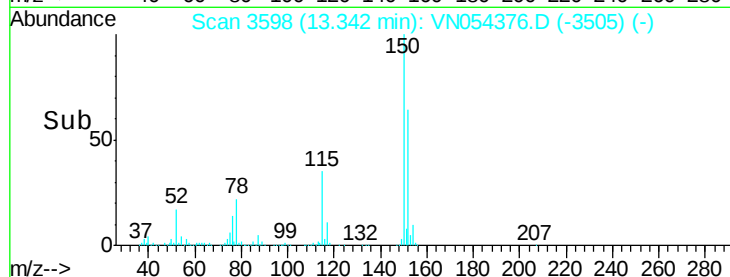
150 157.1 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.683 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Tgt Ion: 43 Resp: 28675

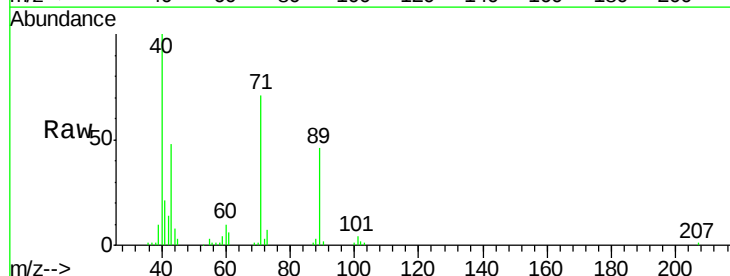
Ion Ratio Lower Upper

43 100

70 2.0 35.4 53.0#

55 6.7 19.8 29.6#

61 11.4 19.8 29.6#

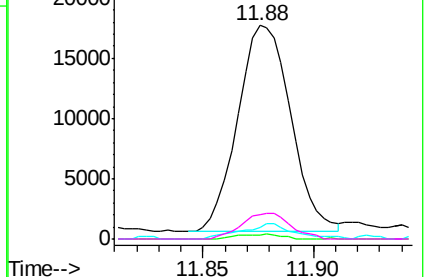
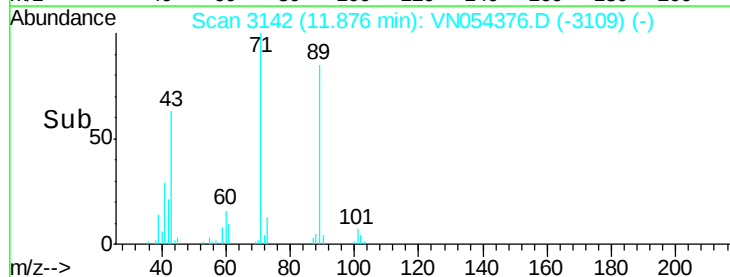


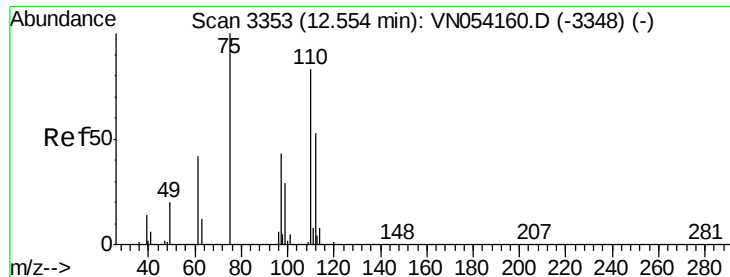
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 33.292 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

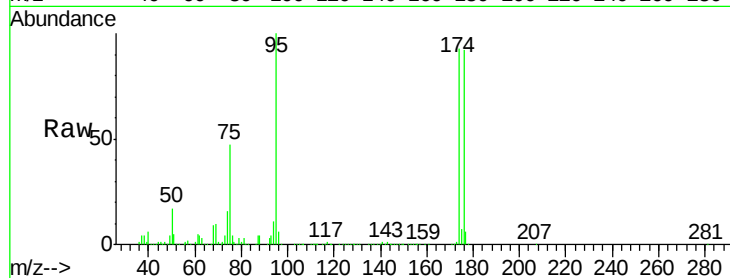
RBR200051

Tot Ion: 75 Resp: 469707

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054160.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054160.D (-3348) (-)

12.40

250000

200000

150000

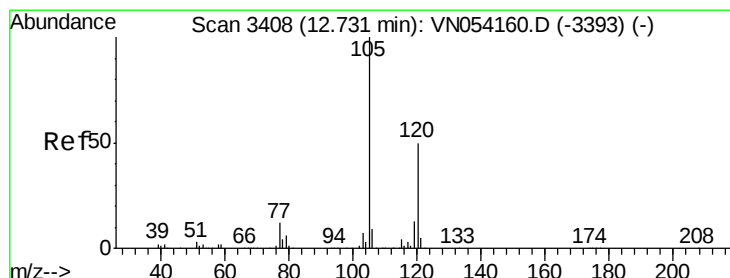
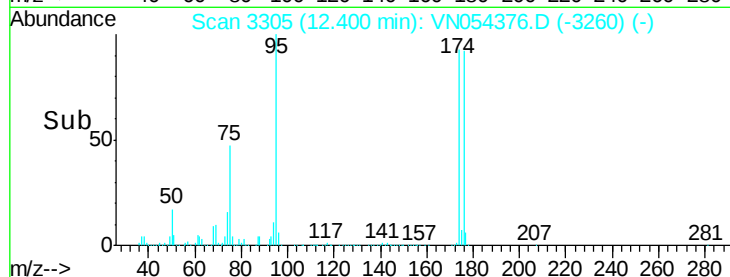
100000

50000

0

Time-->

12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.359 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054376.D

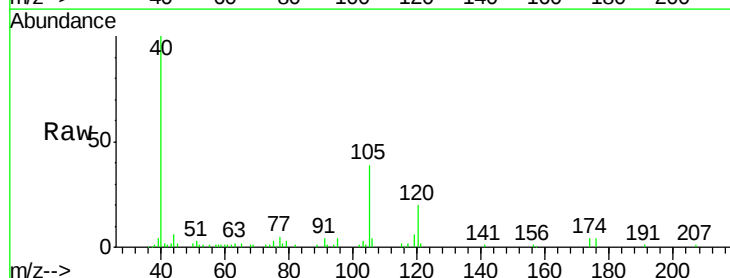
Acq: 17 Mar 2019 10:07

Tgt Ion: 105 Resp: 22917

Ion Ratio Lower Upper

105 100

120 49.4 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054160.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN054160.D (-3393) (-)

12.73

15000

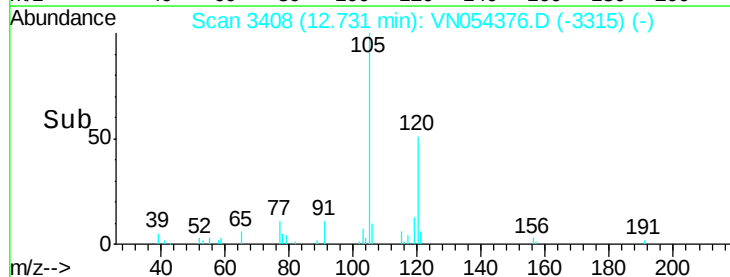
10000

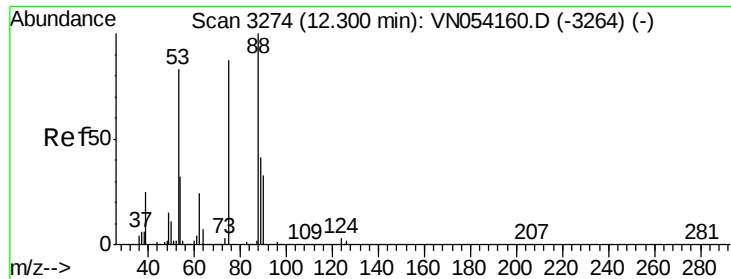
5000

0

Time-->

12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 113.805 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampleId :

RBR200051

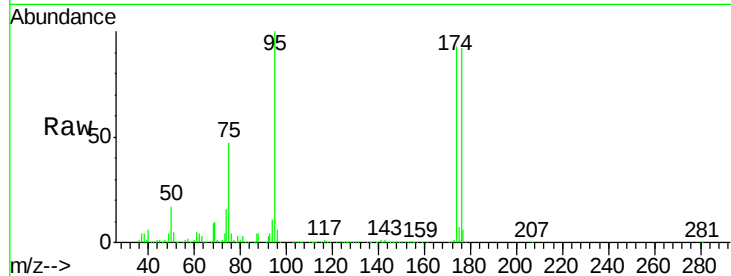
Tot Ion: 75 Resp: 469707

Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

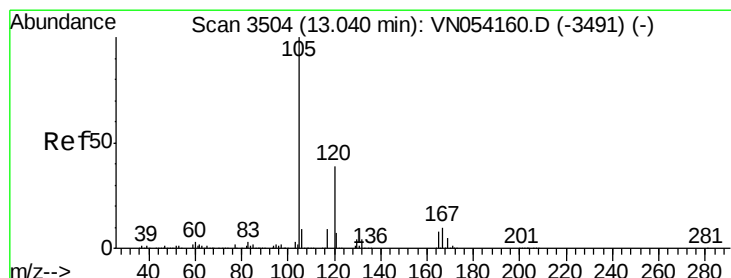
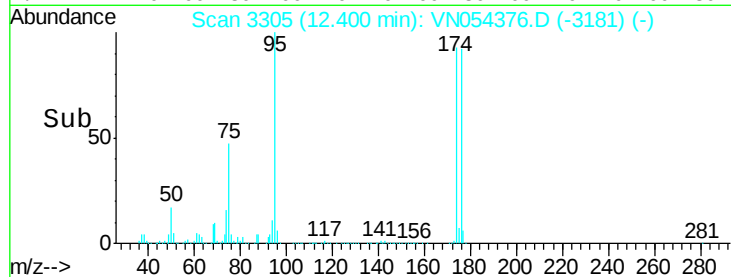
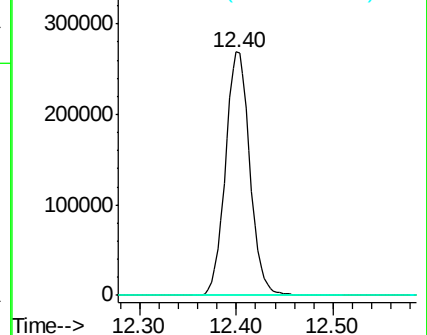
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.615 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054376.D

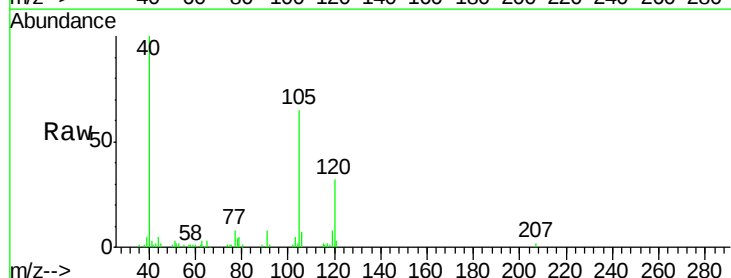
Acq: 17 Mar 2019 10:07

Tgt Ion: 105 Resp: 38520

Ion Ratio Lower Upper

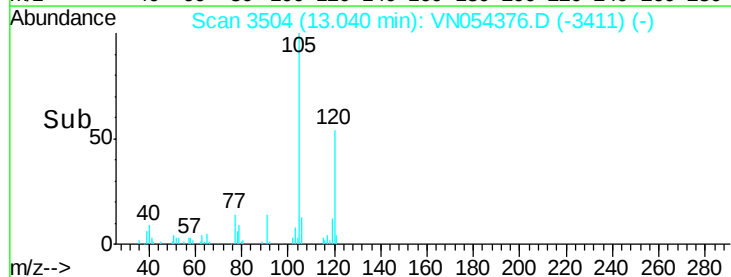
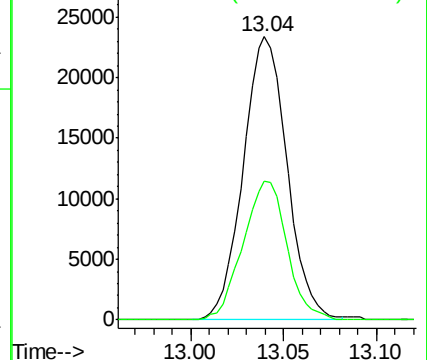
105 100

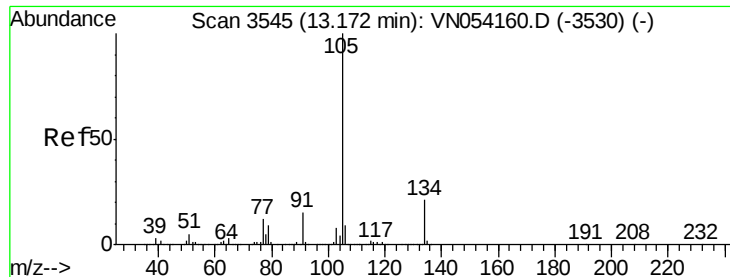
120 49.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.505 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054376.D

Acq: 17 Mar 2019 10:07

Instrument :

MSVOA_N

ClientSampled :

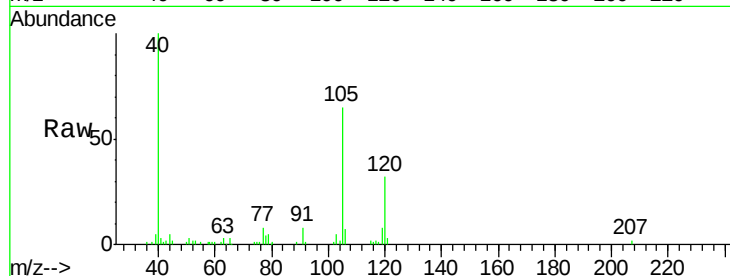
RBR200051

Tot Ion:105 Resp: 38520

Ion Ratio Lower Upper

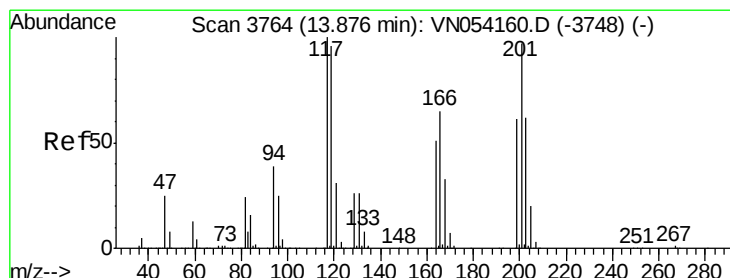
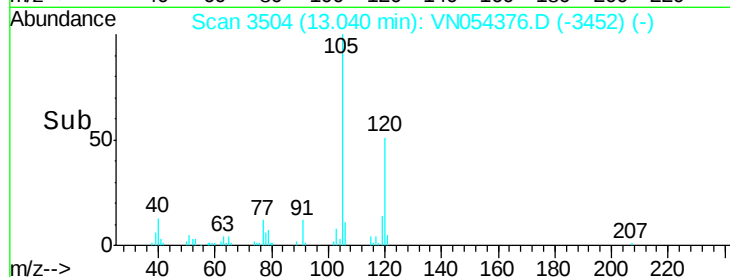
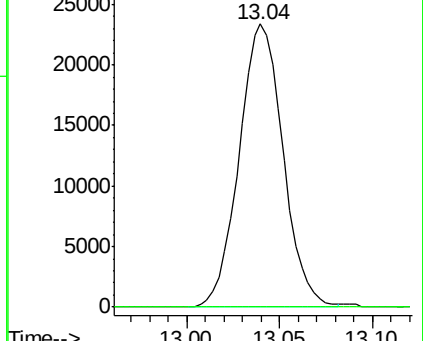
105 100

134 0.0 10.7 32.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.222 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN054376.D

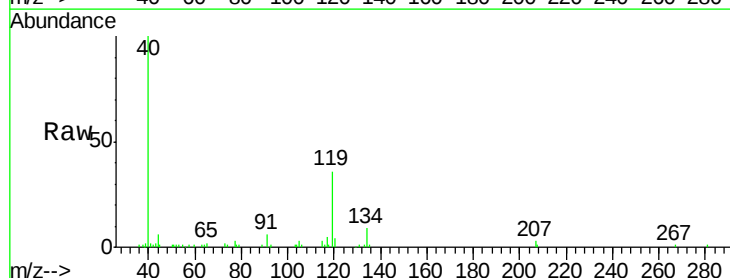
Acq: 17 Mar 2019 10:07

Tgt Ion:117 Resp: 2456

Ion Ratio Lower Upper

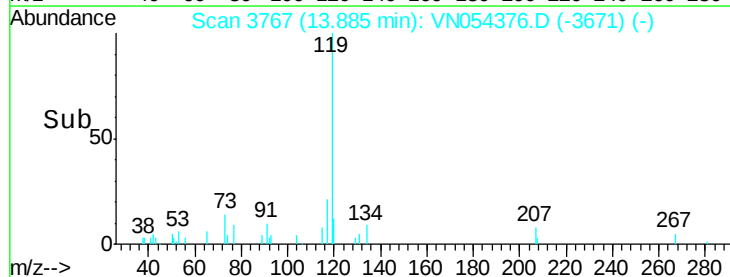
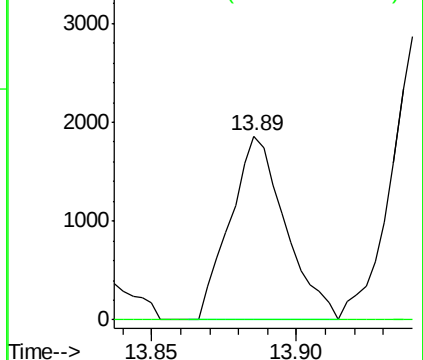
117 100

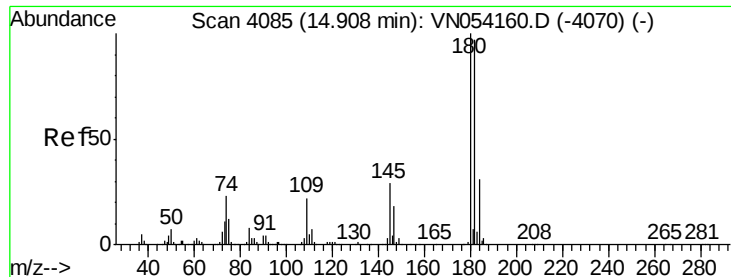
201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

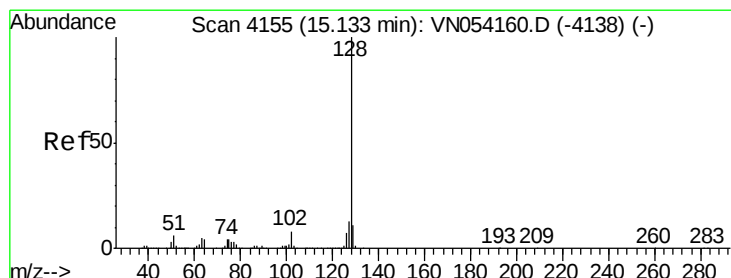
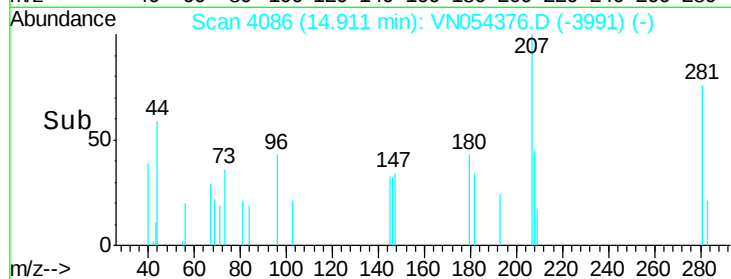
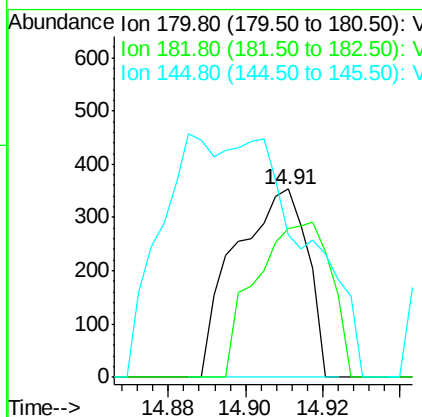
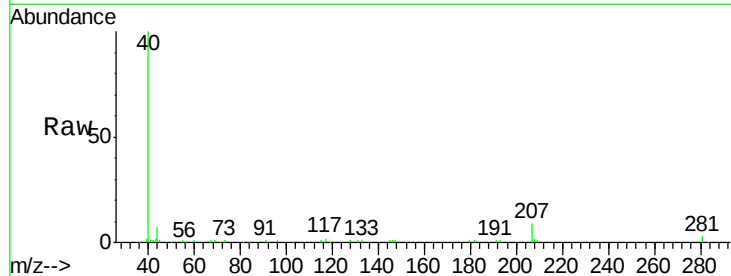




#93
 1,2,4-Trichlorobenzene
 Concen: 2.538 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054376.D
 Acq: 17 Mar 2019 10:07

Instrument :
 MSVOA_N
 ClientSampled :
 RBR200051

Tot Ion:180 Resp: 458
 Ion Ratio Lower Upper
 180 100
 182 85.6 48.0 144.2
 145 0.0 14.2 42.8#



#95
 Naphthalene
 Concen: 47.768 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN054376.D
 Acq: 17 Mar 2019 10:07

Tgt Ion:128 Resp: 2003106
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.1 15.1
 129 10.9 8.7 13.1

