

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050067.D
 Acq On : 26 Jul 2018 1:33
 Operator : MD\SY
 Sample : J3821-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-072418-B

Quant Time: Jul 26 07:00:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1029019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	855047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	438252	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.60	113	391154	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
50) Toluene-d8	10.09	98	1393645	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
62) 4-Bromofluorobenzene	12.40	95	375172	36.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.78%	

Target Compounds

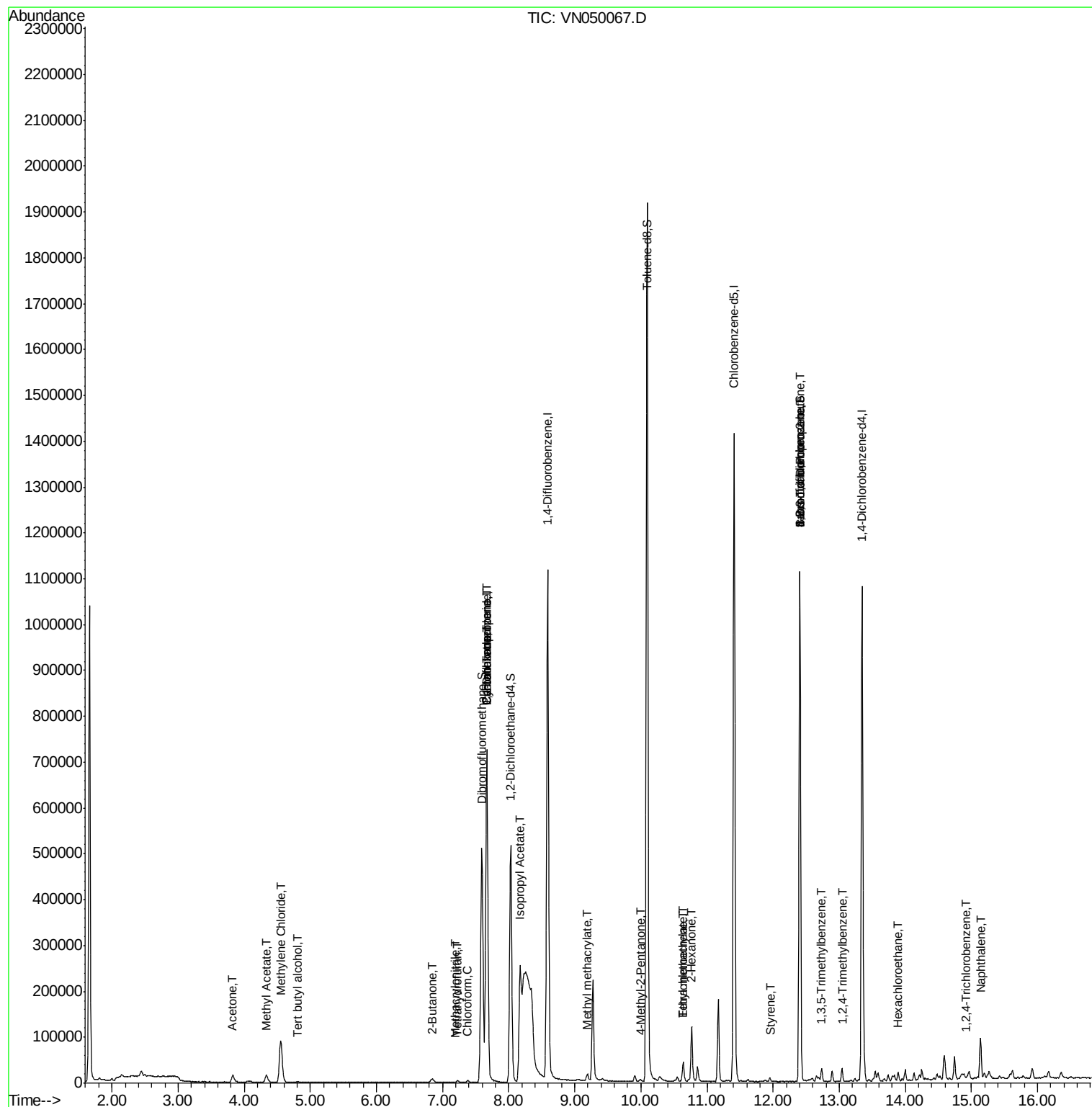
						Qvalue
5) Bromomethane	2.57	94	644	Below Cal		96
11) Tert butyl alcohol	4.81	59	1173	1.86	ug/l #	72
16) Acetone	3.82	43	28200	9.81	ug/l	97
18) Methyl Acetate	4.34	43	28864	2.12	ug/l	99
20) Methylene Chloride	4.55	84	70697	8.27	ug/l	98
25) 2-Butanone	6.85	43	8085	2.48	ug/l	90
29) Tetrahydrofuran	7.22	42	2651	1.26	ug/l #	77
30) Chloroform	7.38	83	4005	0.28	ug/l	94
31) Cyclohexane	7.67	56	11955	0.95	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42871	3.70	ug/l #	48
38) Carbon Tetrachloride	7.67	117	55999	4.55	ug/l #	16
41) Methacrylonitrile	7.18	41	61	2.76	ug/l #	10
43) Isopropyl Acetate	8.17	43	305076	19.33	ug/l #	90
48) Methyl methacrylate	9.18	41	8744	1.26	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	3128	0.39	ug/l #	86
56) Ethyl methacrylate	10.64	69	647	2.09	ug/l #	1
59) 2-Hexanone	10.77	43	16950	8.02	ug/l #	57
64) Tetrachloroethene	10.64	164	2241	0.27	ug/l #	87
70) Styrene	11.97	104	98	0.93	ug/l #	46
71) Bromoform	12.40	173	3144	0.52	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	317	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	183482	32.97	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11955	0.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	183482	104.58	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	16098	0.87	ug/l	98
90) Hexachloroethane	13.89	117	1540	0.39	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	115	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	209	3.12	ug/l #	1
95) Naphthalene	15.14	128	77781	9.60	ug/l	99

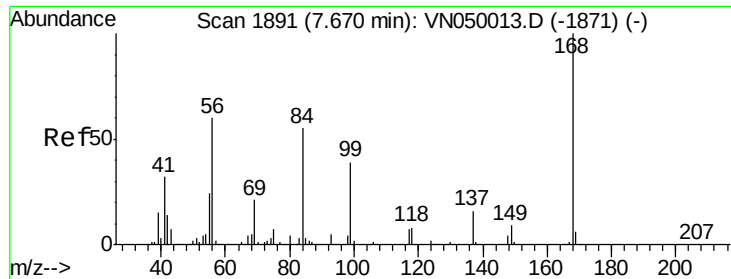
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

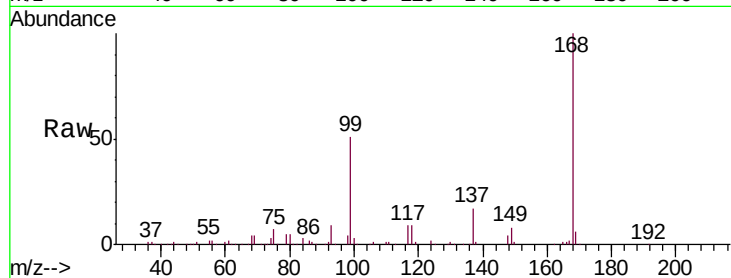
HR-06-072418-B

Tot Ion:168 Resp: 613701

Ion Ratio Lower Upper

168 100

99 51.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050013.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050013.D (-1871) (-)

7.67

250000

200000

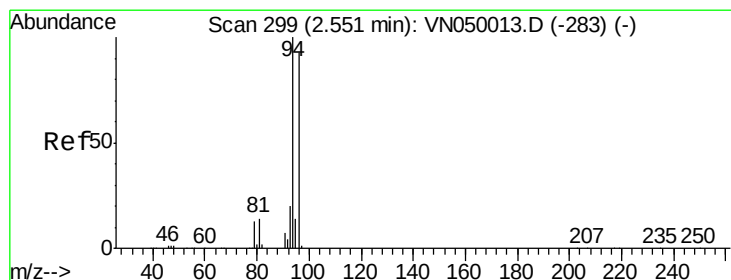
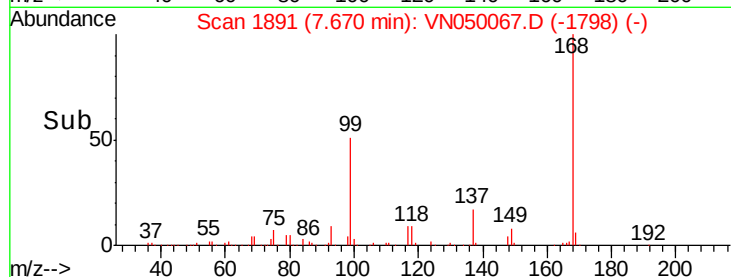
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050067.D

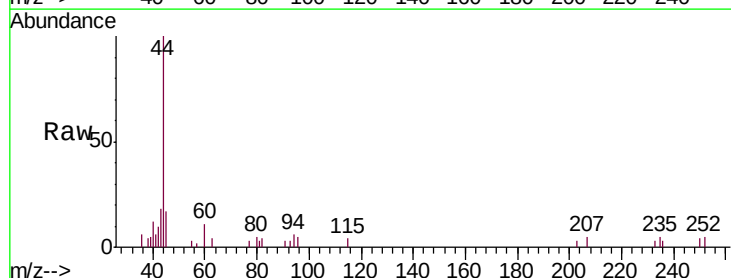
Acq: 26 Jul 2018 1:33

Tgt Ion: 94 Resp: 644

Ion Ratio Lower Upper

94 100

96 89.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050013.D (-283) (-)

Ion 95.90 (95.60 to 96.60): VN050013.D (-283) (-)

2.57

400

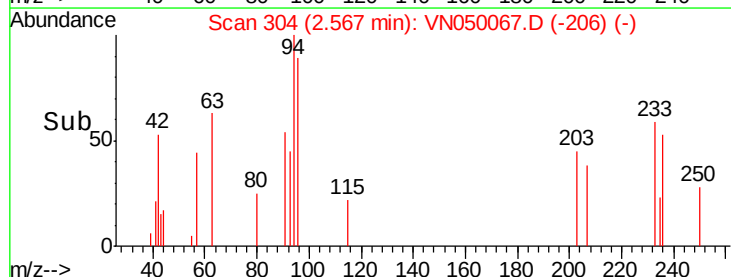
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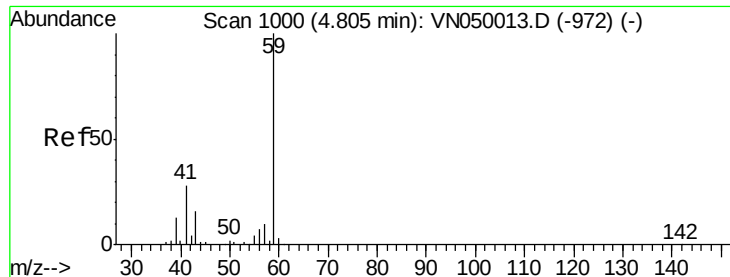
200

100

0

Time-->

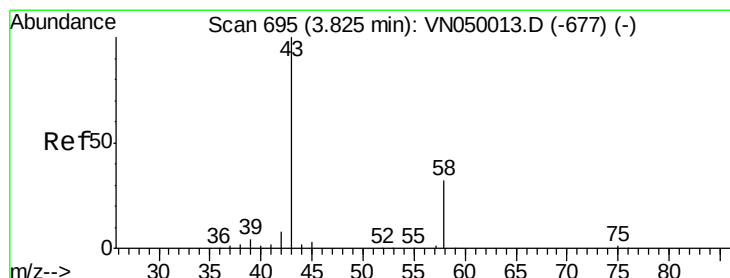
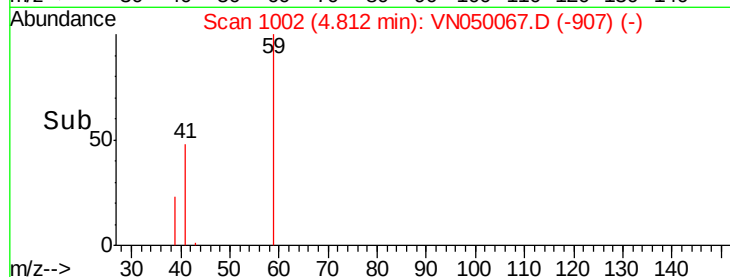
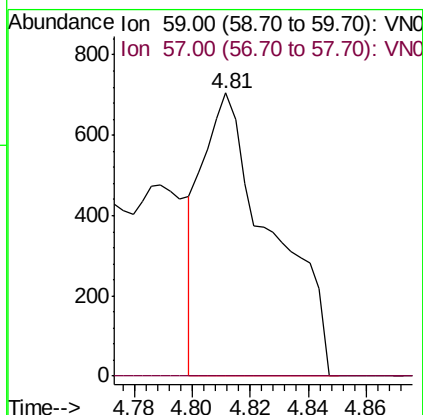
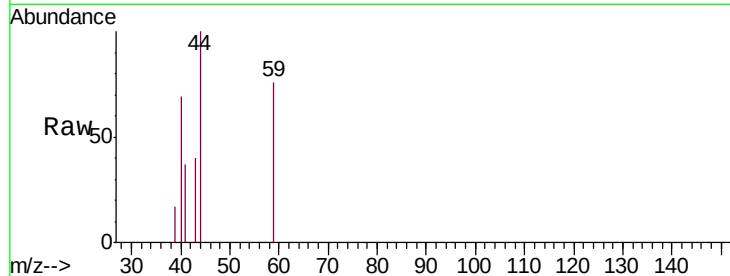




#11
Tert butyl alcohol
Concen: 1.86 ug/l
RT: 4.81 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

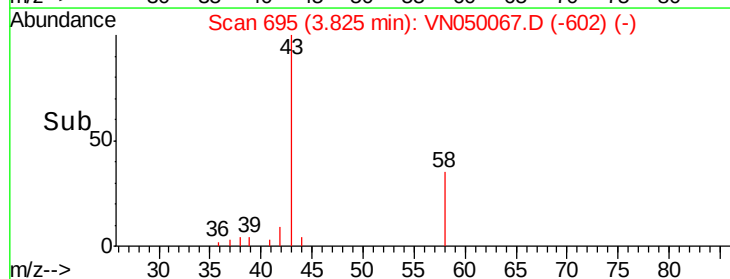
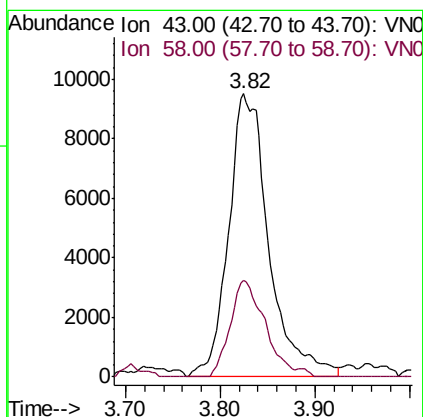
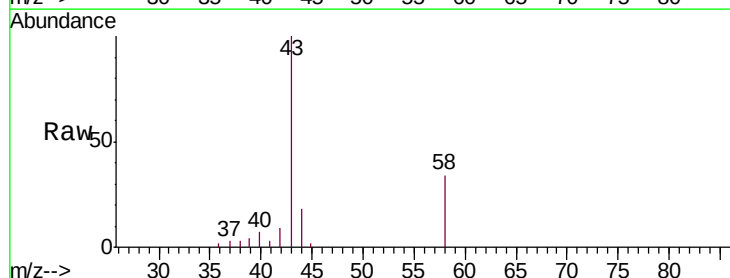
Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-B

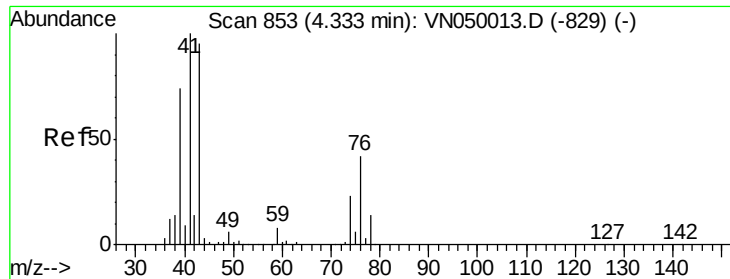
Tot Ion: 59 Resp: 1173
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 9.81 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

Tgt Ion: 43 Resp: 28200
Ion Ratio Lower Upper
43 100
58 34.3 25.8 38.8

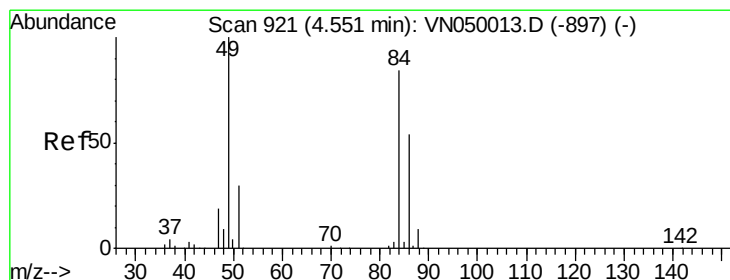
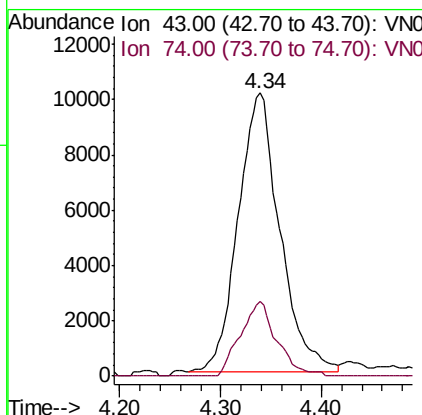
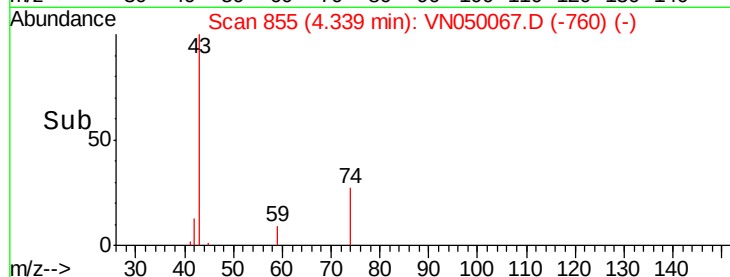
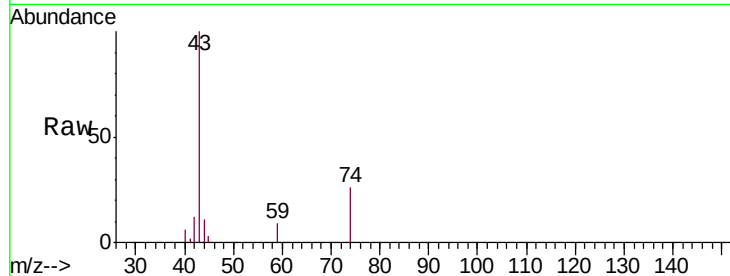




#18
Methvl Acetate
Concen: 2.12 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

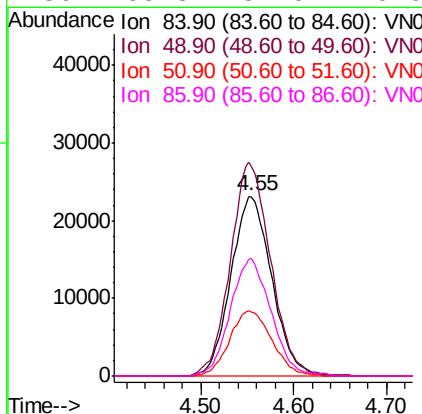
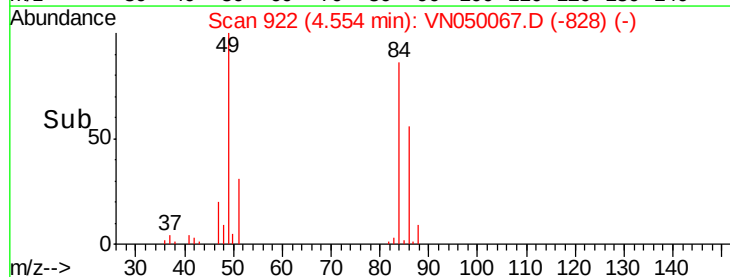
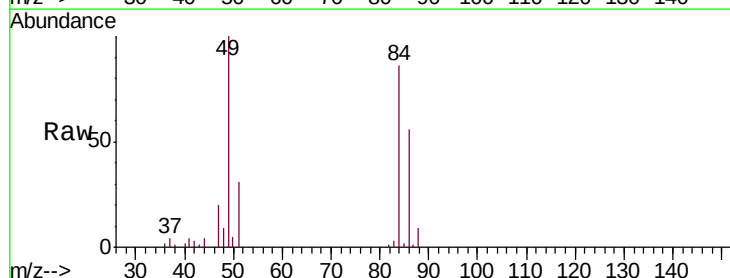
Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-B

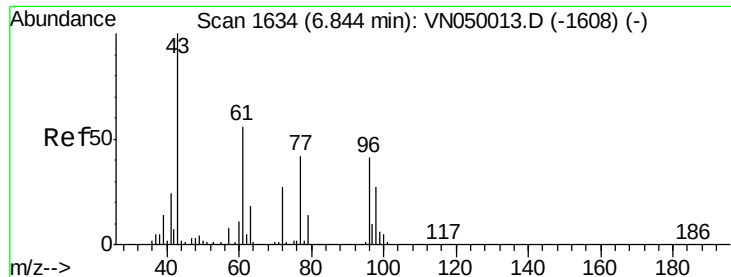
Tot Ion: 43 Resp: 28864
Ion Ratio Lower Upper
43 100
74 23.4 19.2 28.8



#20
Methylene Chloride
Concen: 8.27 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

Tgt Ion: 84 Resp: 70697
Ion Ratio Lower Upper
84 100
49 116.9 94.8 142.2
51 36.0 28.3 42.5
86 65.3 51.0 76.6

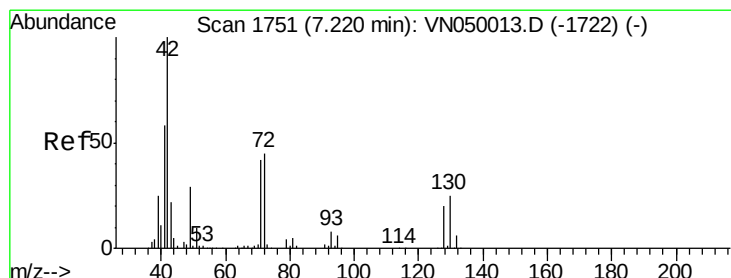
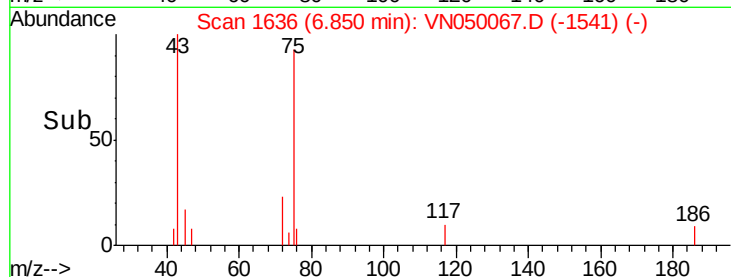
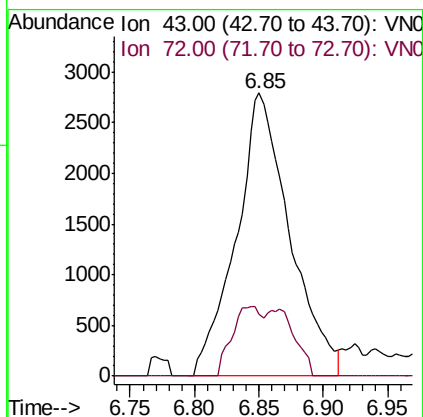
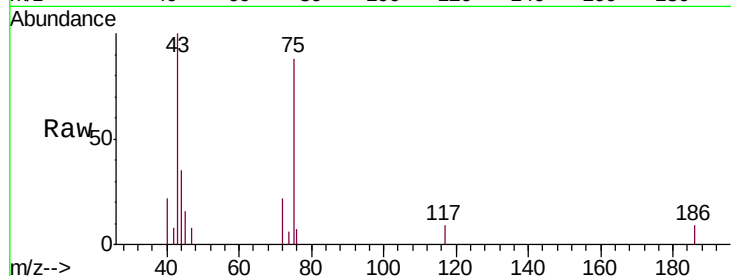




#25
2-Butanone
Concen: 2.48 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

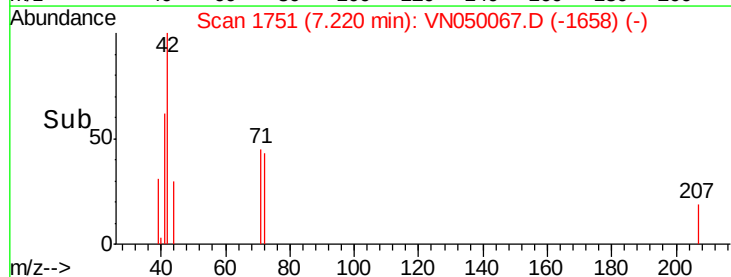
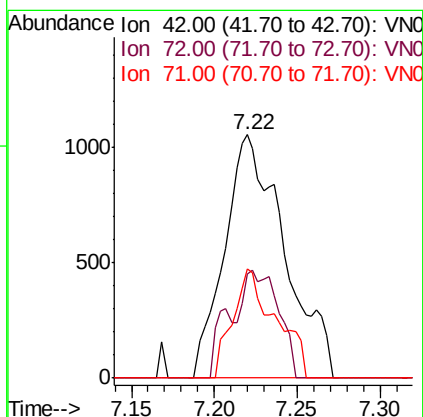
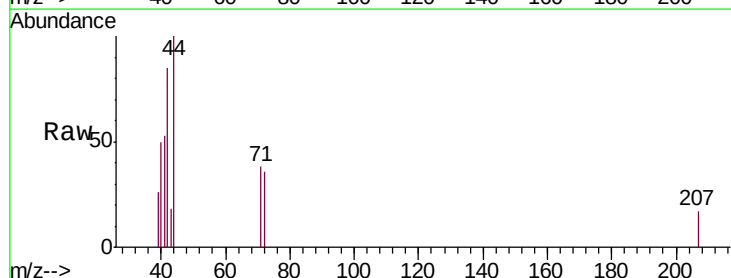
Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-B

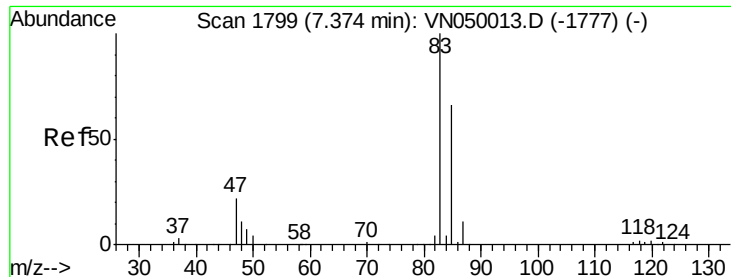
Tot Ion: 43 Resp: 8085
Ion Ratio Lower Upper
43 100
72 21.7 21.5 32.3



#29
Tetrahydrofuran
Concen: 1.26 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

Tgt Ion: 42 Resp: 2651
Ion Ratio Lower Upper
42 100
72 26.1 35.9 53.9#
71 32.0 33.7 50.5#





#30

Chloroform

Concen: 0.28 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

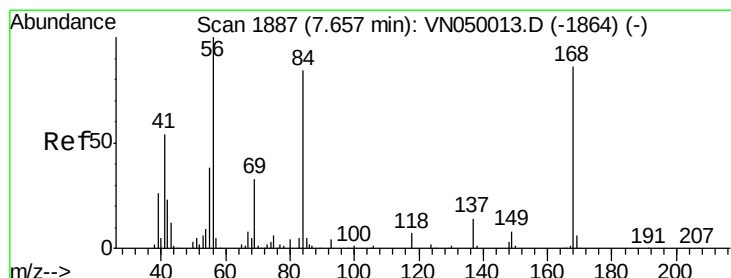
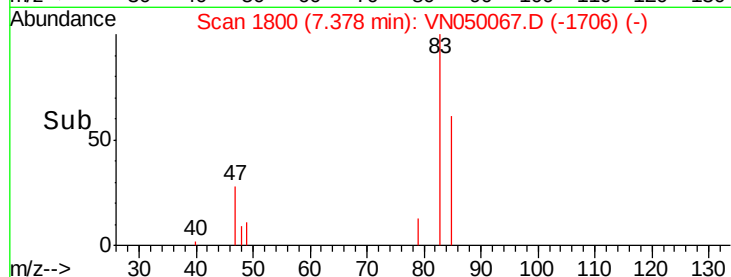
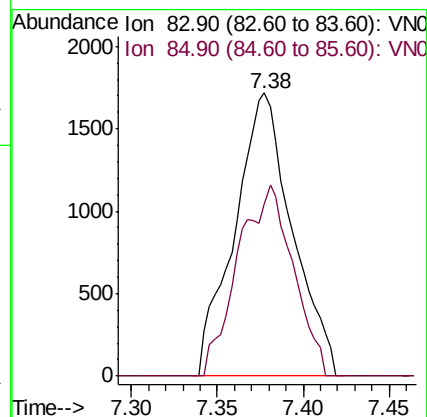
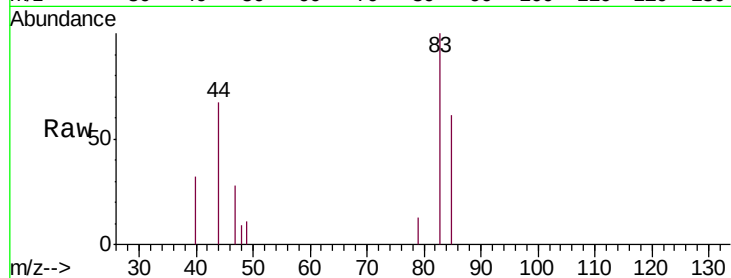
HR-06-072418-B

Tot Ion: 83 Resp: 4005

Ion Ratio Lower Upper

83 100

85 60.6 52.5 78.7



#31

Cyclohexane

Concen: 0.95 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

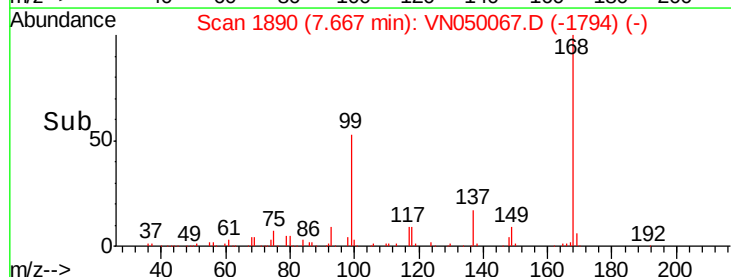
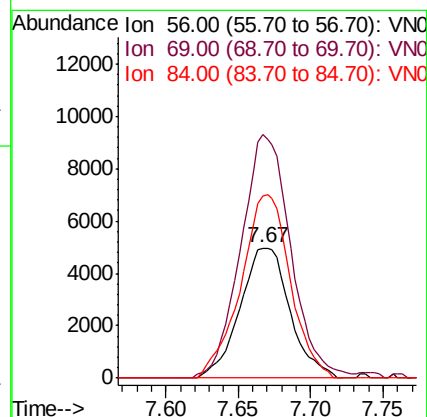
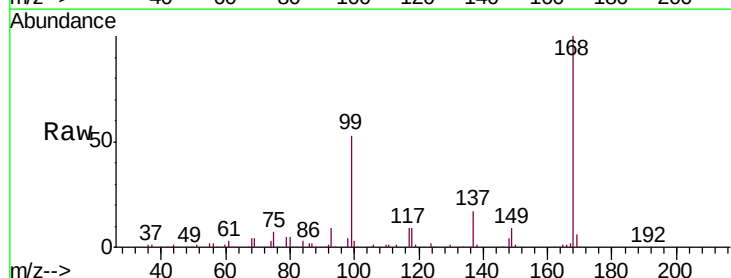
Tgt Ion: 56 Resp: 11955

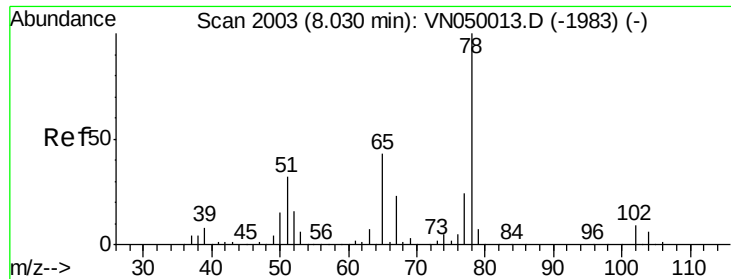
Ion Ratio Lower Upper

56 100

69 187.4 26.2 39.4#

84 140.5 67.4 101.0#

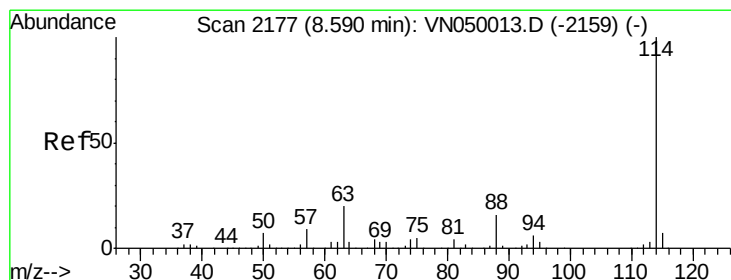
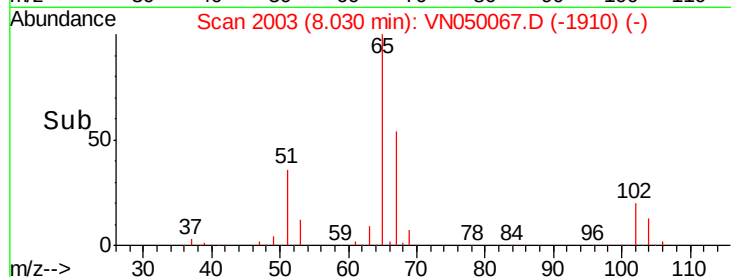
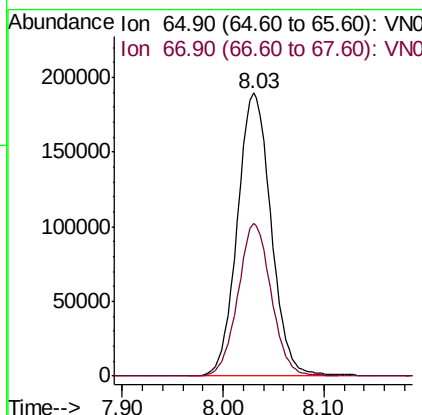
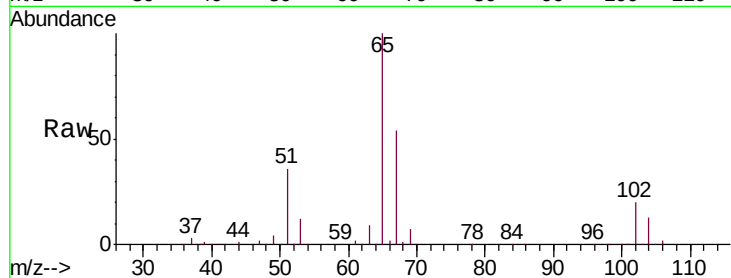




#33
 1,2-Dichloroethane-d4
 Concen: 51.18 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050067.D
 Acq: 26 Jul 2018 1:33

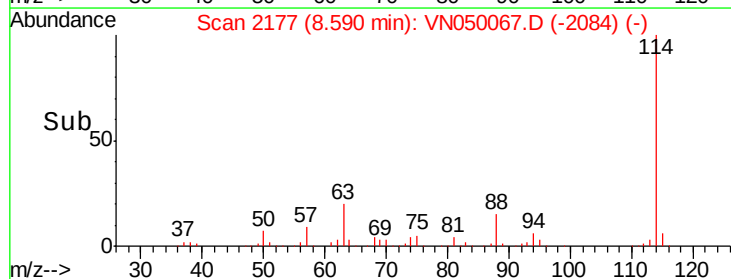
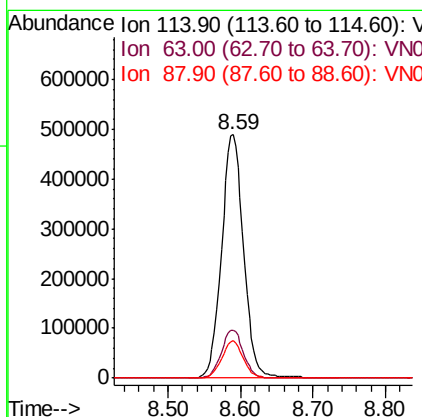
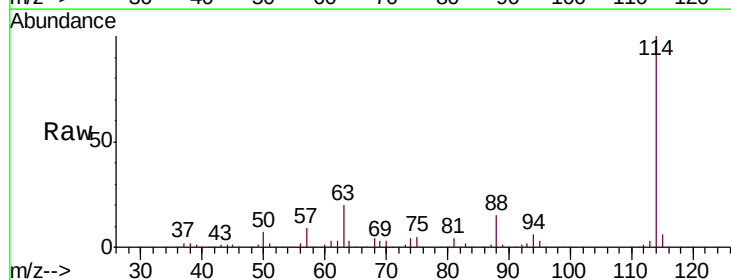
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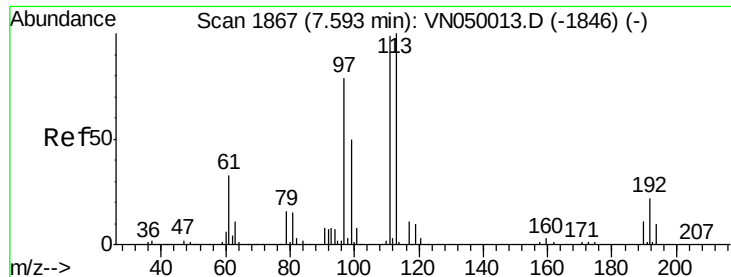
Tot Ion: 65 Resp: 438252
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050067.D
 Acq: 26 Jul 2018 1:33

Tgt Ion: 114 Resp: 1029019
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.4 0.0 31.2

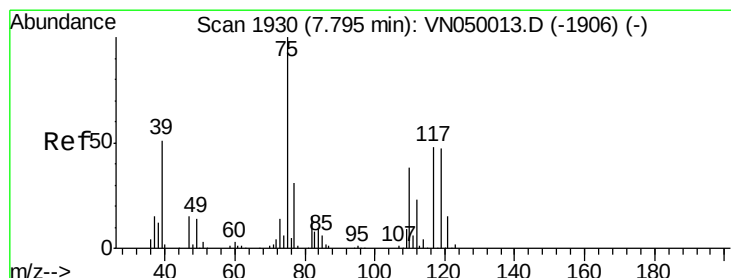
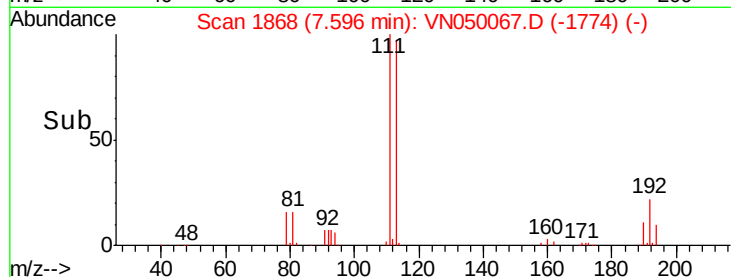
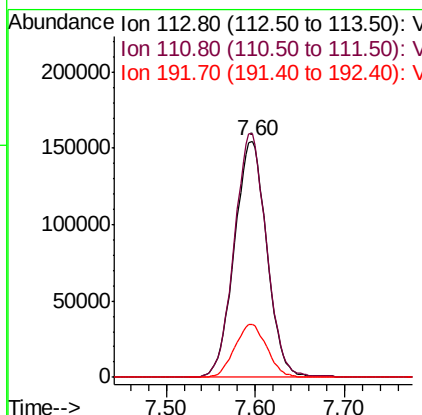
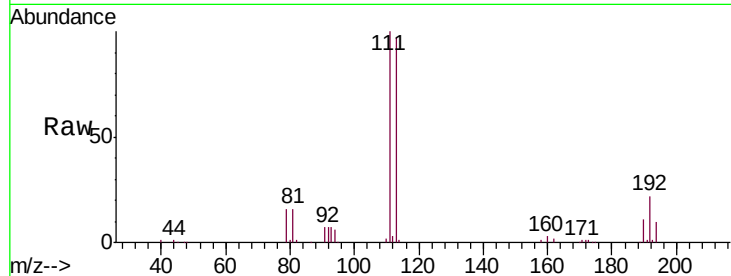




#35
 Dibromofluoromethane
 Concen: 46.56 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050067.D
 Acq: 26 Jul 2018 1:33

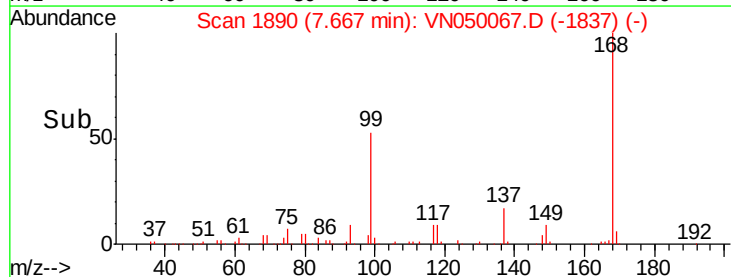
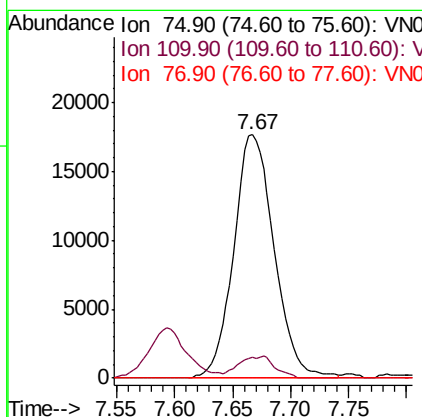
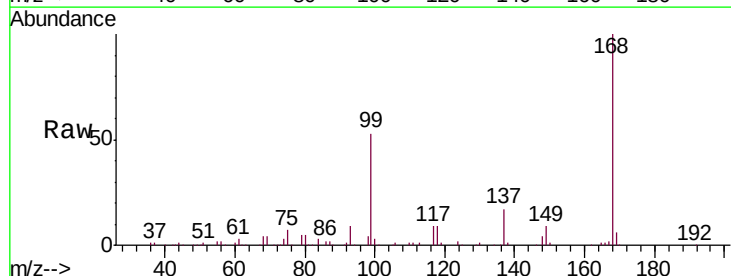
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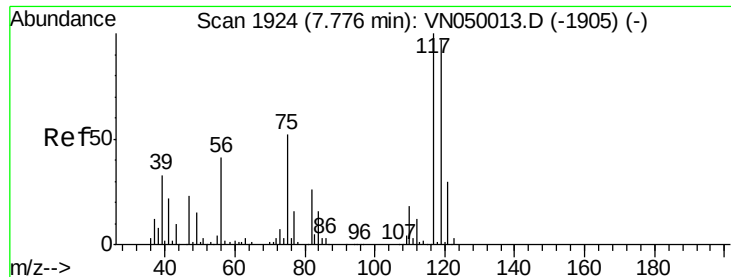
Tot Ion:113 Resp: 391154
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.7 121.1
 192 22.3 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.70 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050067.D
 Acq: 26 Jul 2018 1:33

Tgt Ion: 75 Resp: 42871
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.4 55.2#
 77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.55 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-B

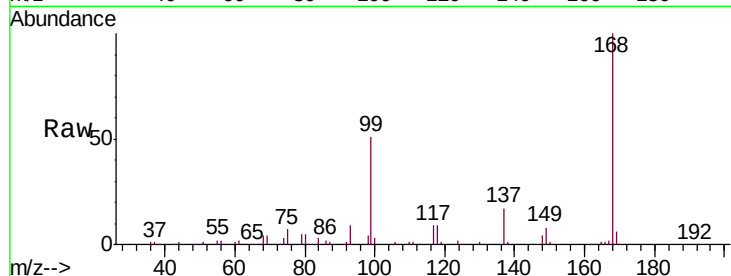
Tot Ion:117 Resp: 55999

Ion Ratio Lower Upper

117 100

119 5.5 77.4 116.0#

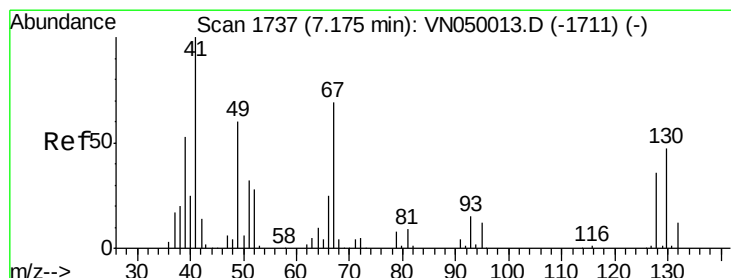
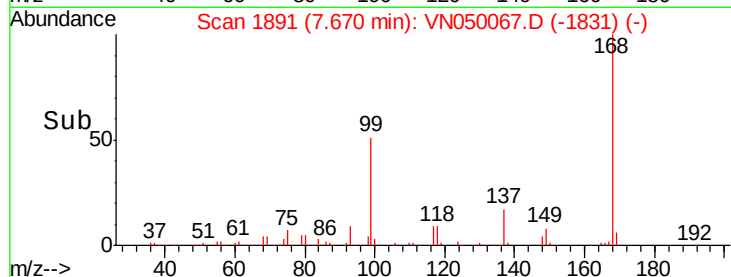
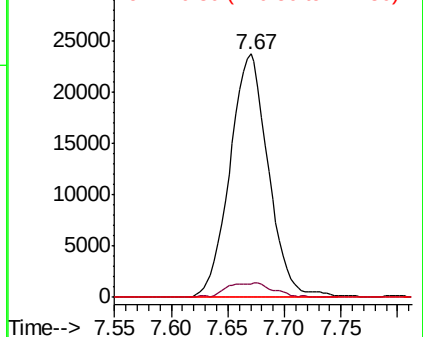
121 0.0 23.9 35.9#



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: 2.76 ug/l

RT: 7.18 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Tgt Ion: 41 Resp: 61

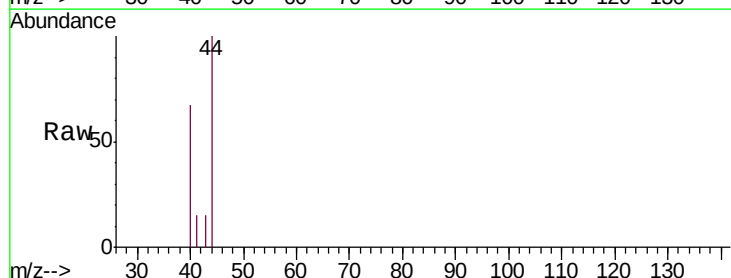
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

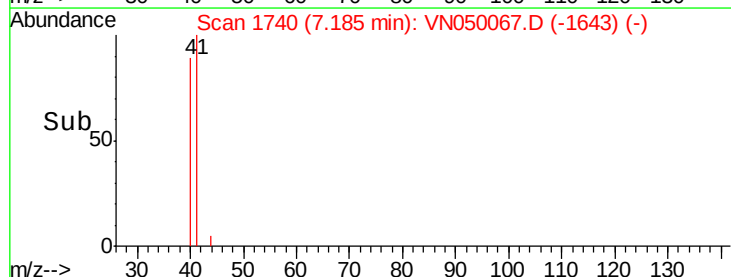
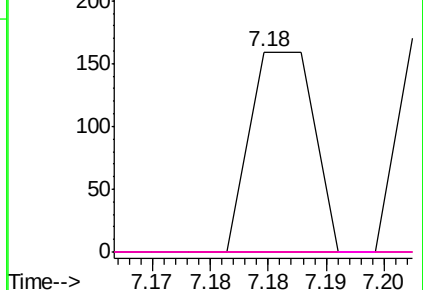


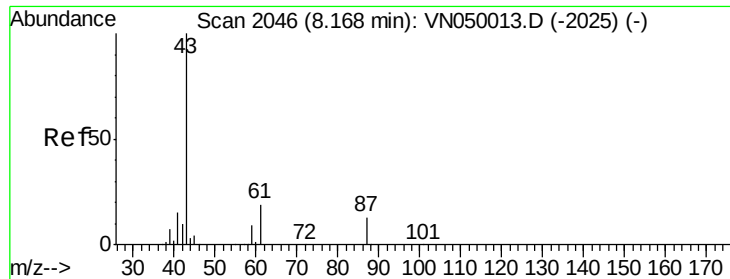
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V



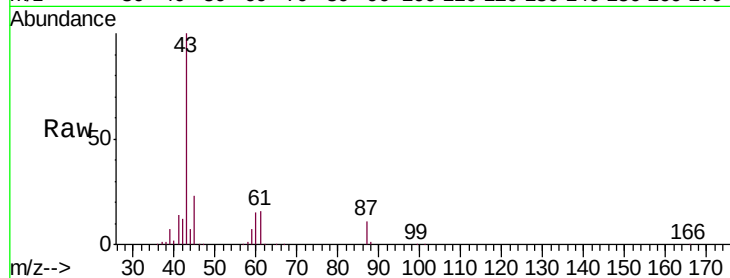


#43

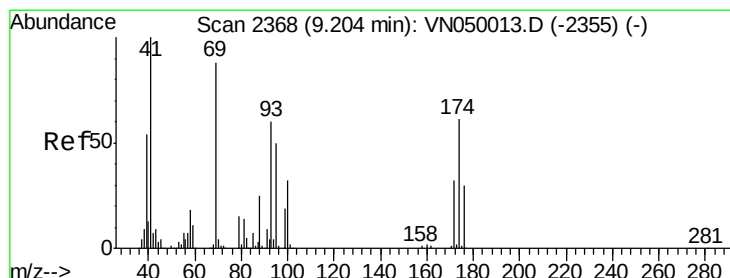
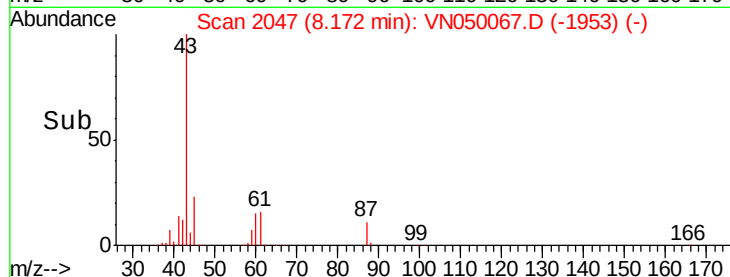
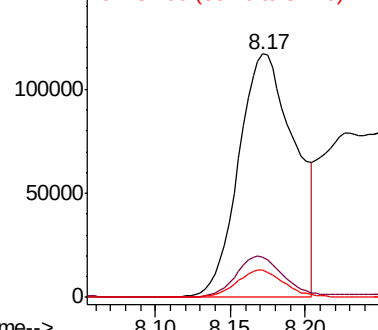
Isopropyl Acetate
 Concen: 19.33 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050067.D
 Acq: 26 Jul 2018 1:33

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-072418-B

Tot Ion: 43 Resp: 305076
 Ion Ratio Lower Upper
 43 100
 61 14.6 15.8 23.6#
 87 9.4 10.3 15.5#



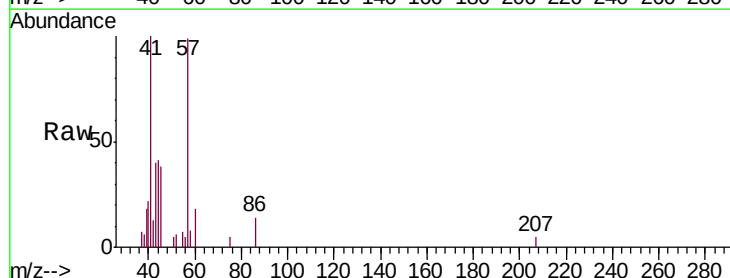
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



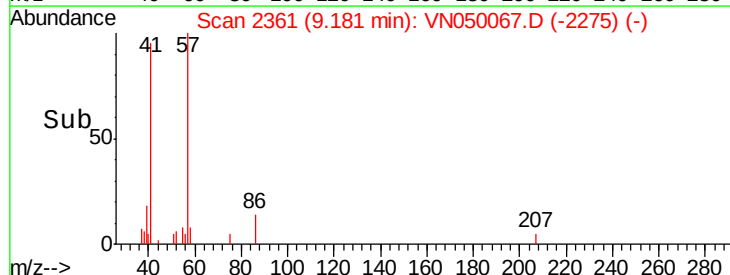
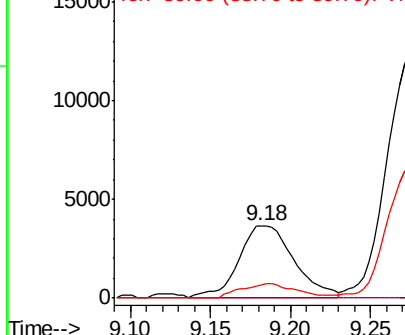
#48

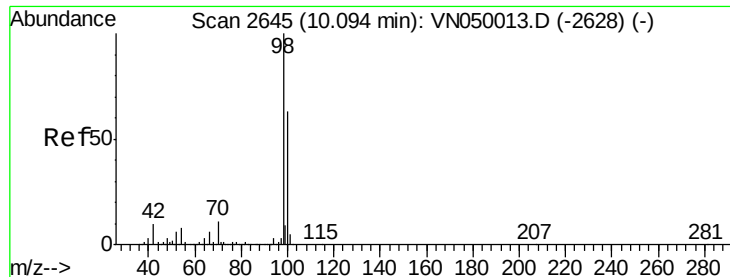
Methyl methacrylate
 Concen: 1.26 ug/l
 RT: 9.18 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: VN050067.D
 Acq: 26 Jul 2018 1:33

Tgt Ion: 41 Resp: 8744
 Ion Ratio Lower Upper
 41 100
 69 0.0 70.6 105.8#
 39 19.6 43.9 65.9#



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 45.12 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

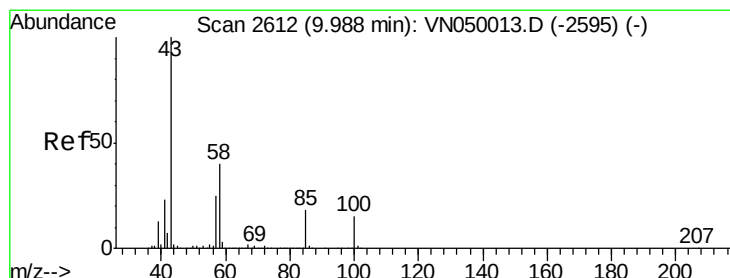
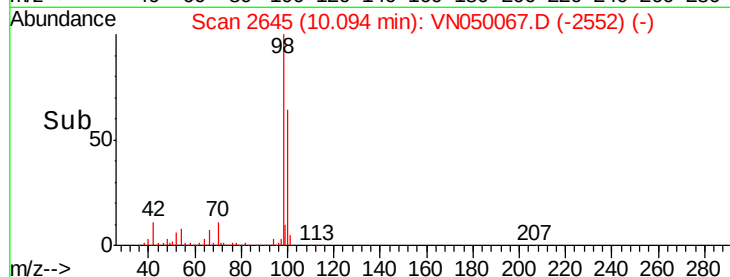
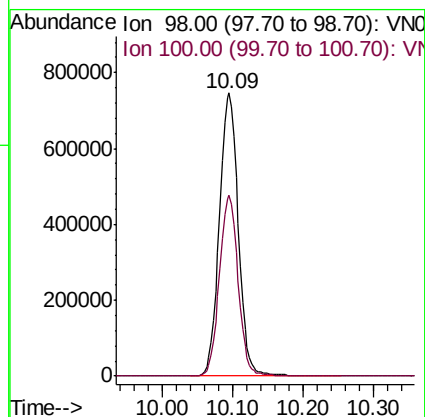
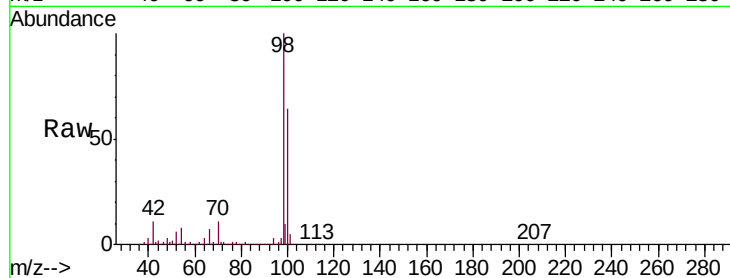
HR-06-072418-B

Tot Ion: 98 Resp: 1393645

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.39 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN050067.D

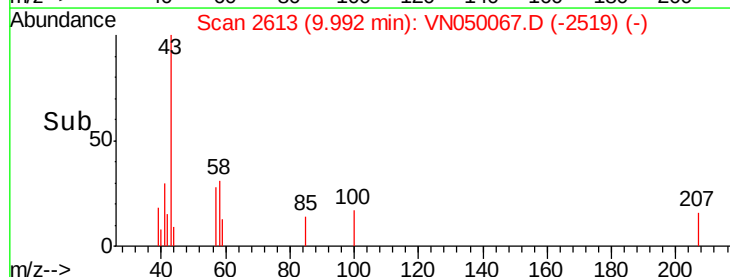
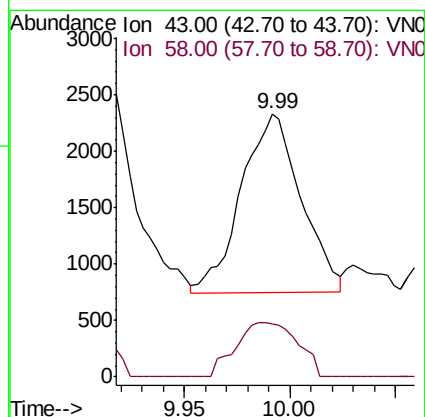
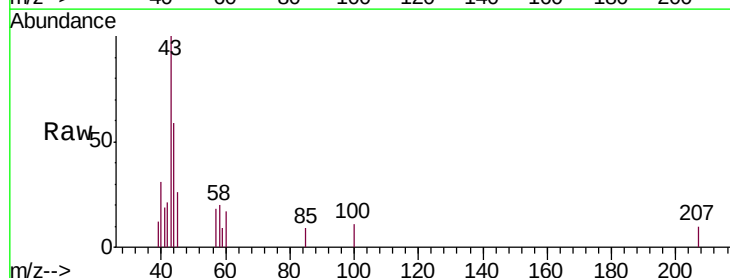
Acq: 26 Jul 2018 1:33

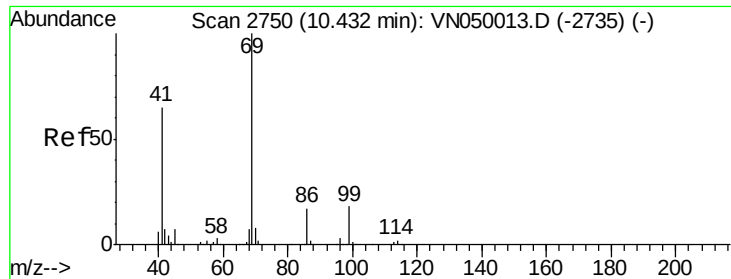
Tgt Ion: 43 Resp: 3128

Ion Ratio Lower Upper

43 100

58 31.0 31.9 47.9#





#56

Ethyl methacrylate

Concen: 2.09 ug/l

RT: 10.64 min Scan# 2816

Delta R.T. 0.21 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampled :

HR-06-072418-B

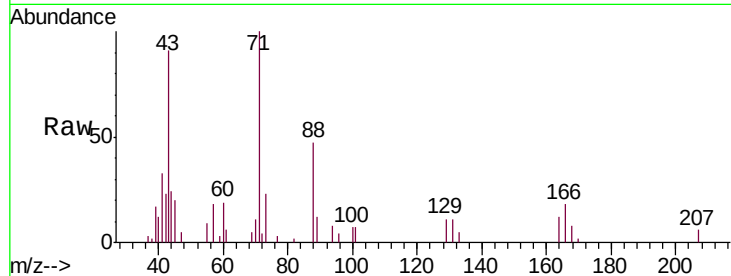
Tot Ion: 69 Resp: 647

Ion Ratio Lower Upper

69 100

41 641.0 51.0 76.4#

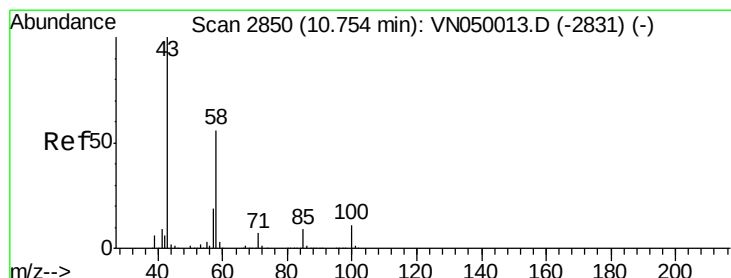
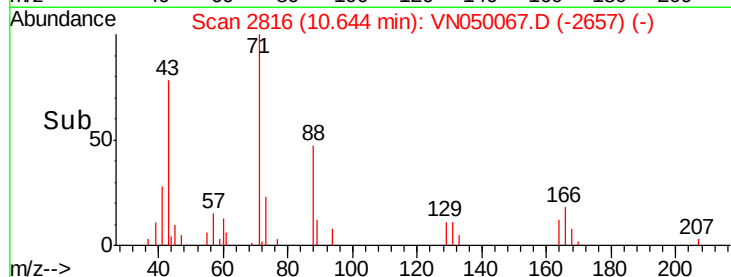
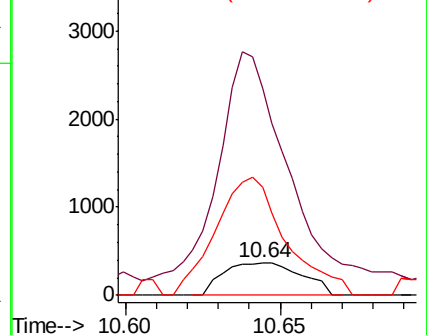
39 327.8 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 8.02 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN050067.D

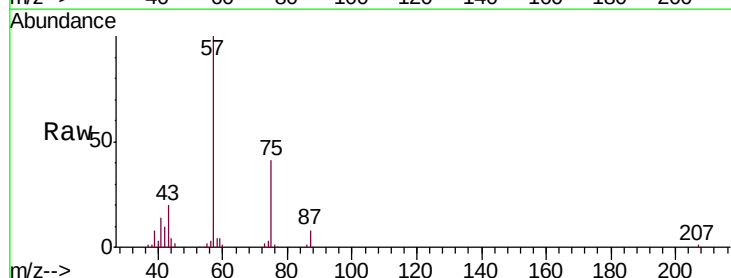
Acq: 26 Jul 2018 1:33

Tgt Ion: 43 Resp: 16950

Ion Ratio Lower Upper

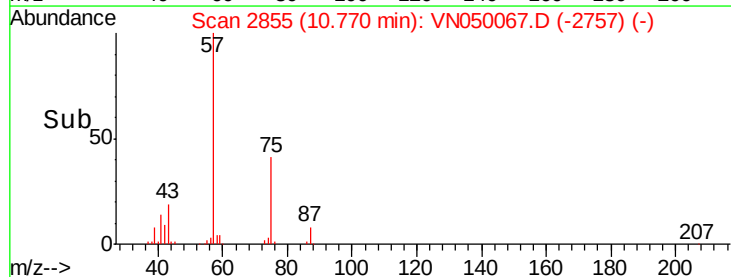
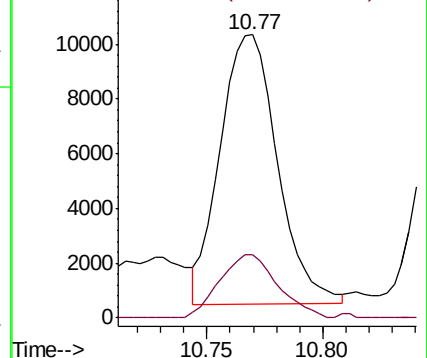
43 100

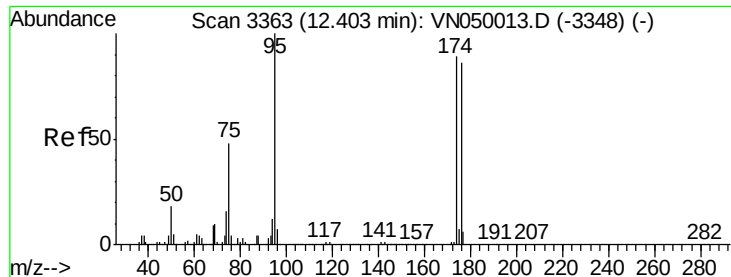
58 23.8 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.89 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-B

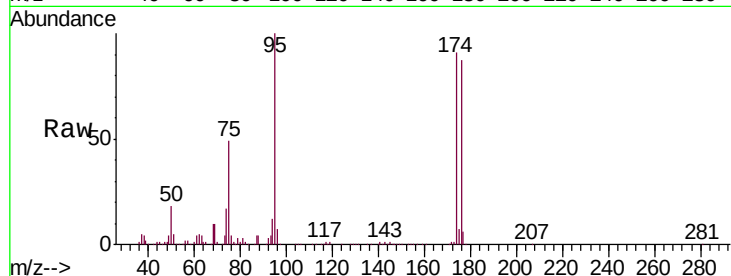
Tot Ion: 95 Resp: 375172

Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.2

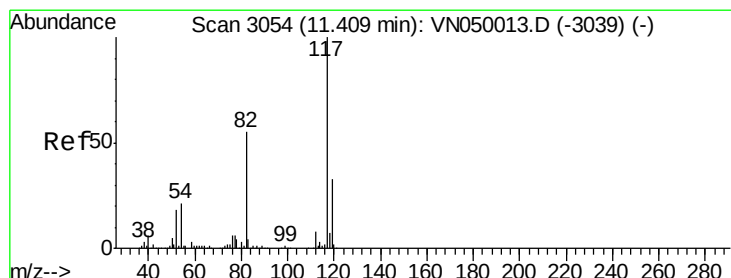
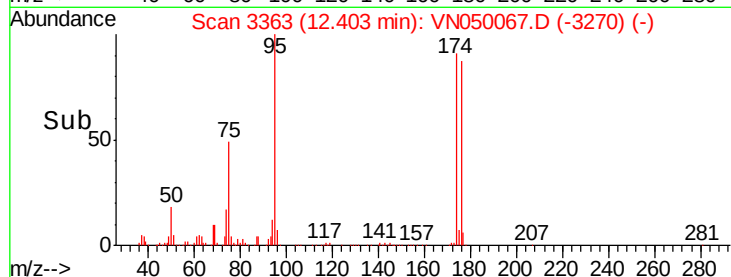
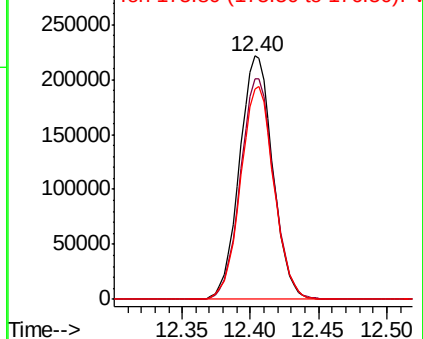
176 87.4 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050013.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050013.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050013.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

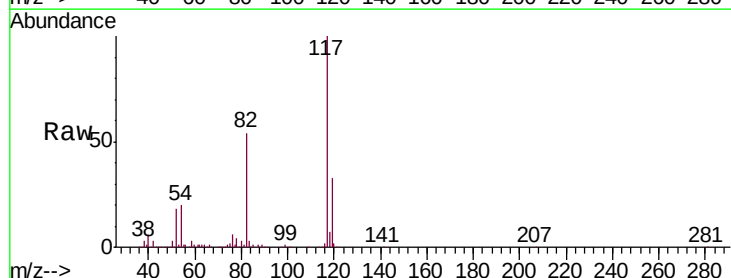
Tgt Ion: 117 Resp: 855047

Ion Ratio Lower Upper

117 100

82 54.5 43.7 65.5

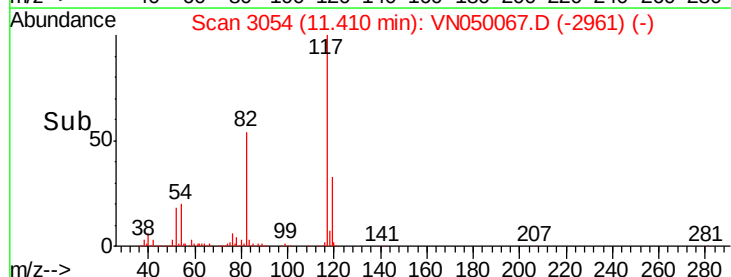
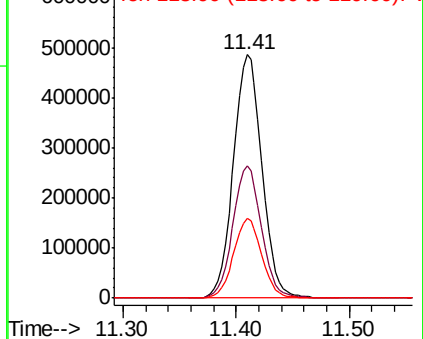
119 32.5 26.1 39.1

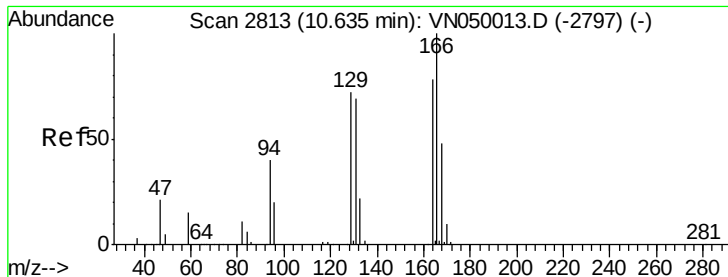


Abundance Ion 116.90 (116.60 to 117.60): VN050013.D (-3039) (-)

Ion 82.00 (81.70 to 82.70): VN050013.D (-3039) (-)

Ion 118.90 (118.60 to 119.60): VN050013.D (-3039) (-)





#64

Tetrachloroethene

Concen: 0.27 ug/l

RT: 10.64 min Scan# 2814

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-B

Tot Ion:164 Resp: 2241

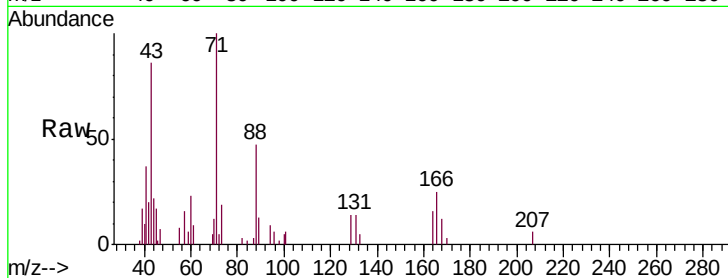
Ion Ratio Lower Upper

164 100

166 155.2 102.1 153.1#

129 87.1 73.2 109.8

131 84.5 70.6 106.0

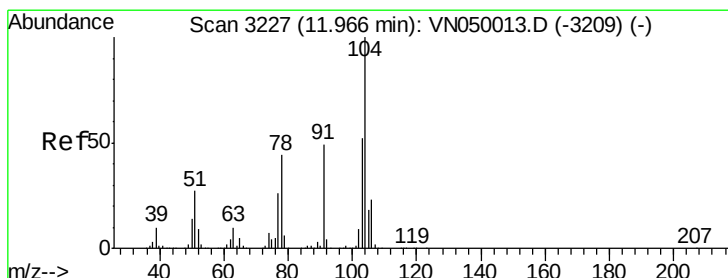
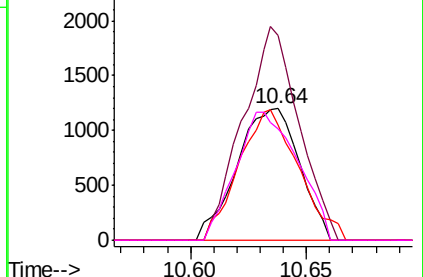
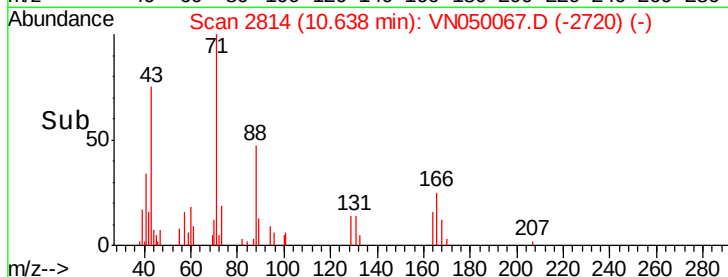


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#70

Styrene

Concen: 0.93 ug/l

RT: 11.97 min Scan# 3228

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

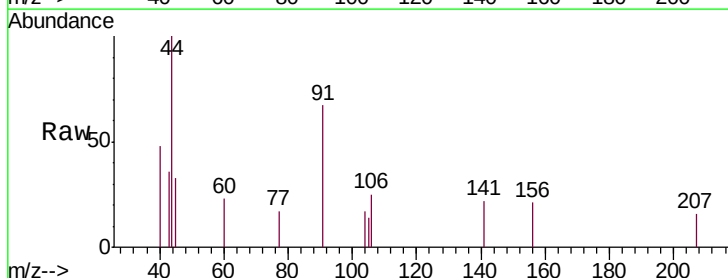
Tgt Ion:104 Resp: 98

Ion Ratio Lower Upper

104 100

78 29.6 39.3 58.9#

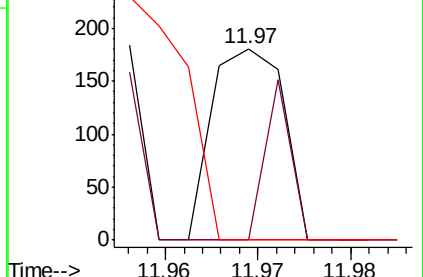
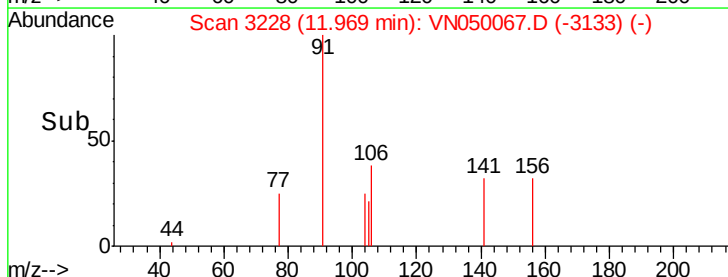
103 0.0 45.0 67.6#

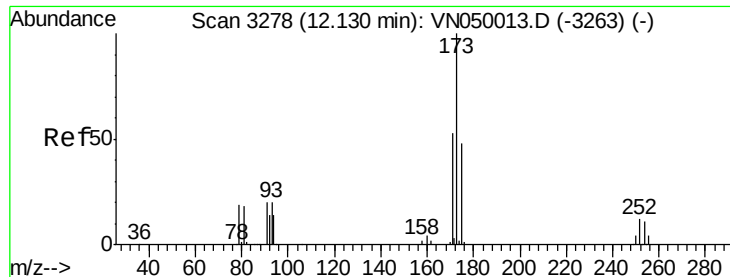


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-B

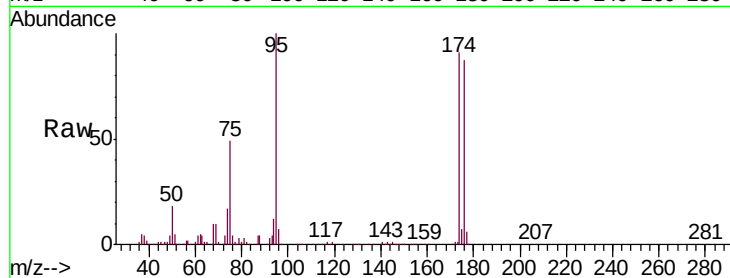
Tot Ion:173 Resp: 3144

Ion Ratio Lower Upper

173 100

175 704.0 24.1 72.2#

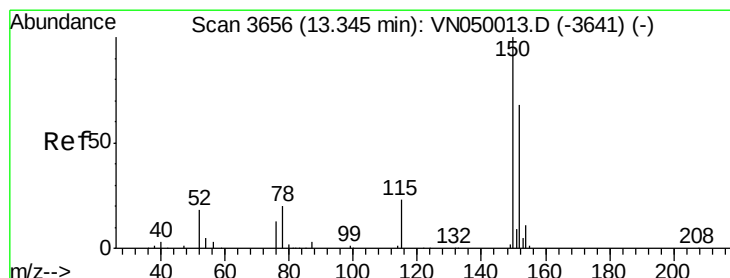
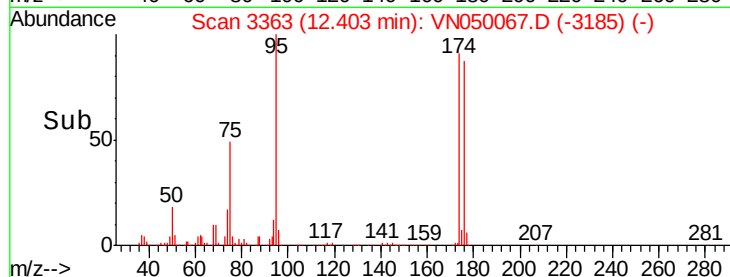
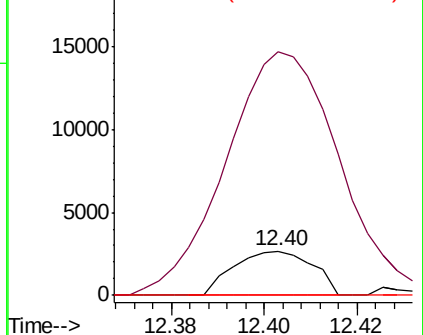
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

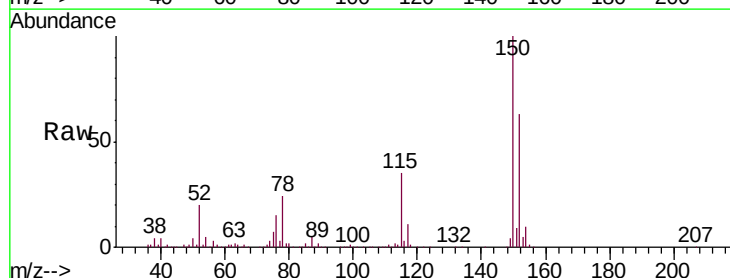
Tgt Ion:152 Resp: 299447

Ion Ratio Lower Upper

152 100

115 56.8 27.8 83.3

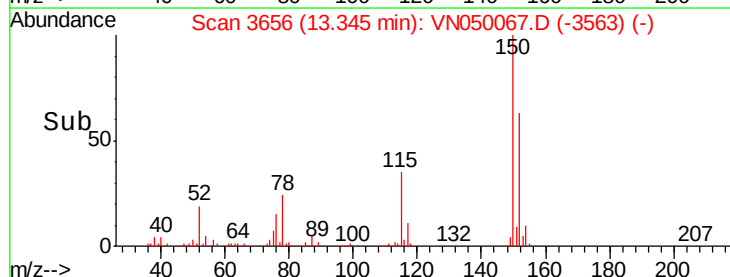
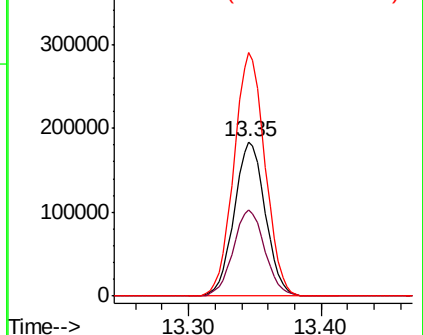
150 157.8 0.0 348.6

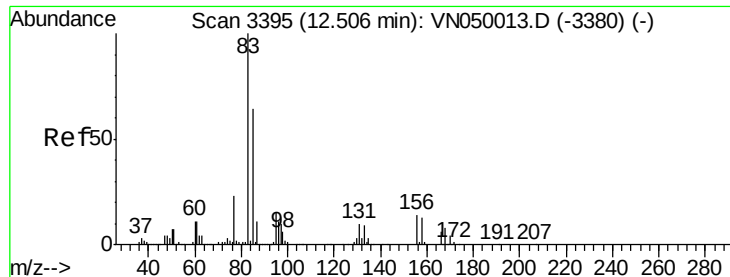


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-B

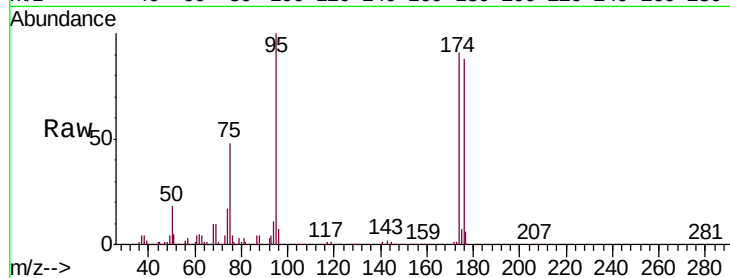
Tot Ion: 83 Resp: 317

Ion Ratio Lower Upper

83 100

131 147.6 5.1 15.3#

85 0.0 32.3 96.8#

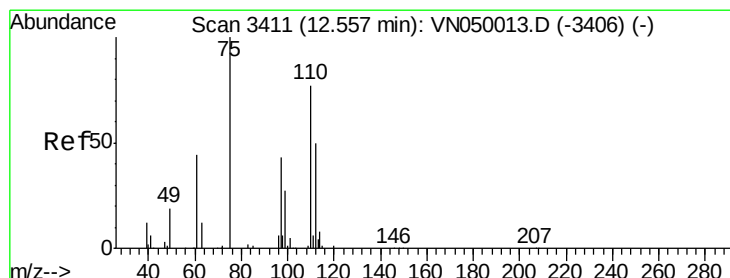
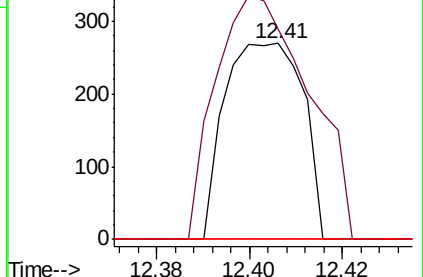
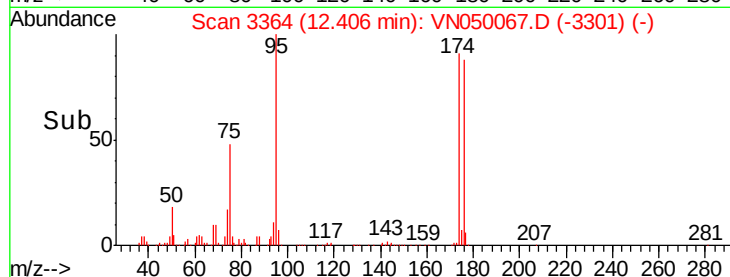


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO

Time-->



#76

1,2,3-Trichloropropane

Concen: 32.97 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050067.D

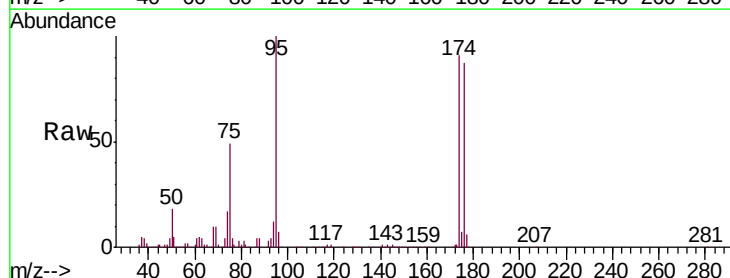
Acq: 26 Jul 2018 1:33

Tgt Ion: 75 Resp: 183482

Ion Ratio Lower Upper

75 100

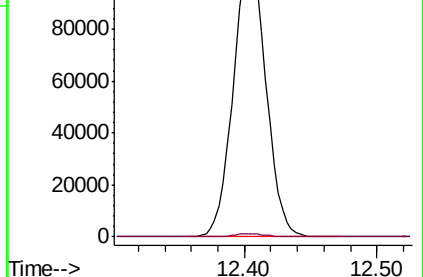
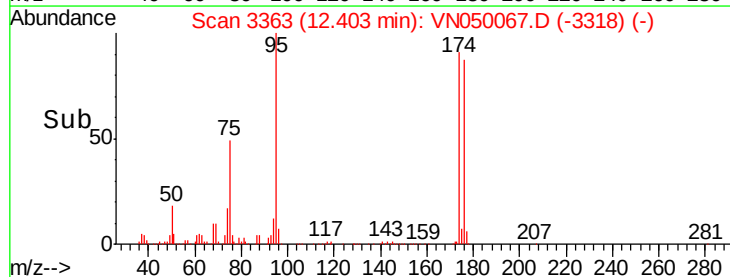
77 1.1 0.0 0.0#

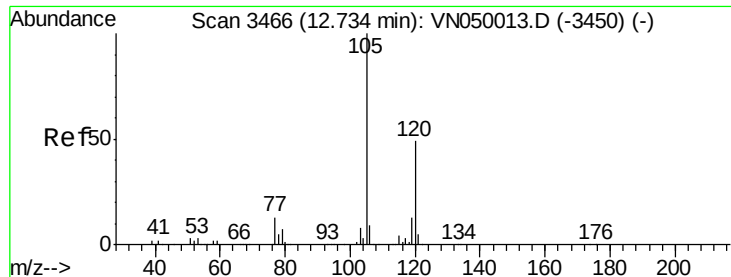


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.65 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

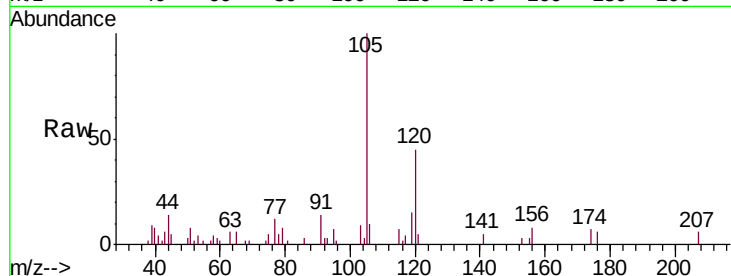
HR-06-072418-B

Tot Ion:105 Resp: 11955

Ion Ratio Lower Upper

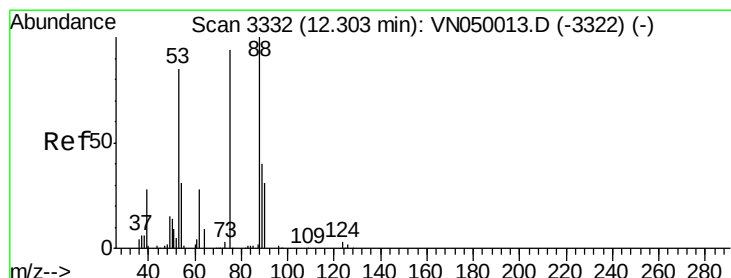
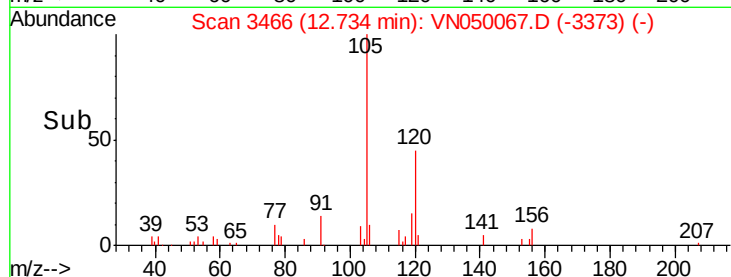
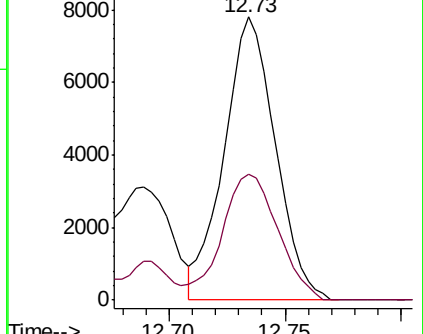
105 100

120 48.9 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 104.58 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

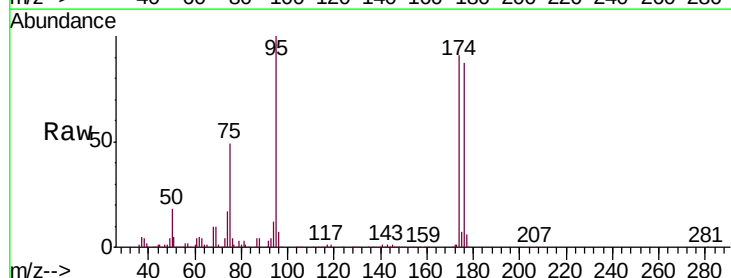
Tgt Ion: 75 Resp: 183482

Ion Ratio Lower Upper

75 100

53 0.2 73.5 110.3#

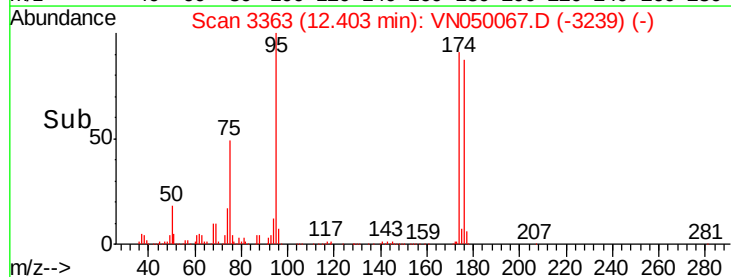
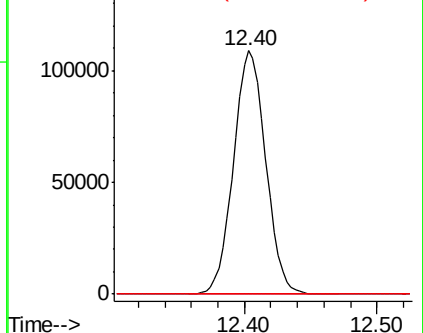
89 0.0 36.0 54.0#

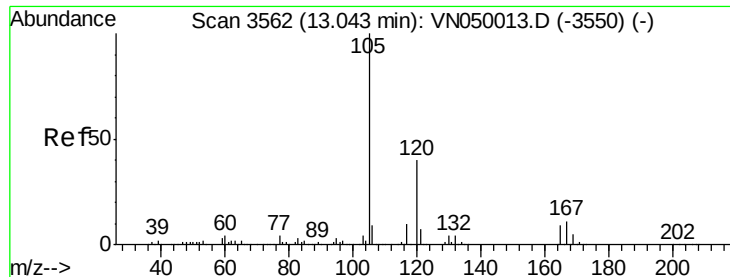


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

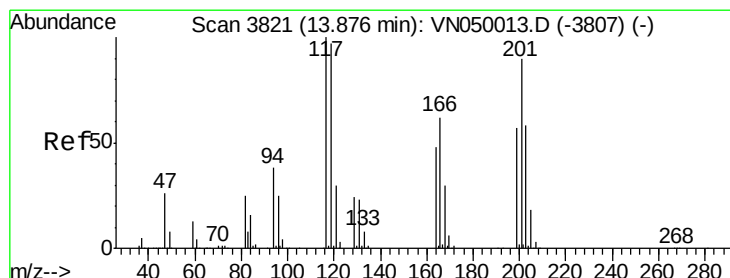
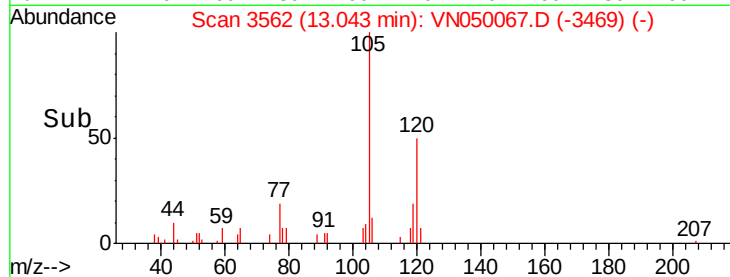
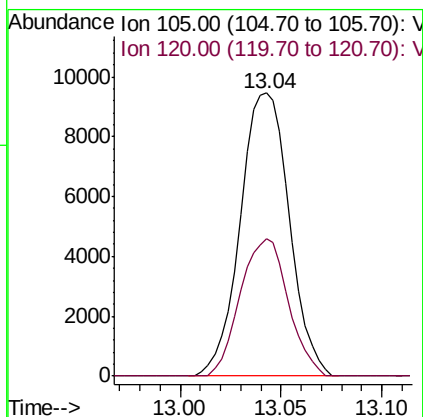
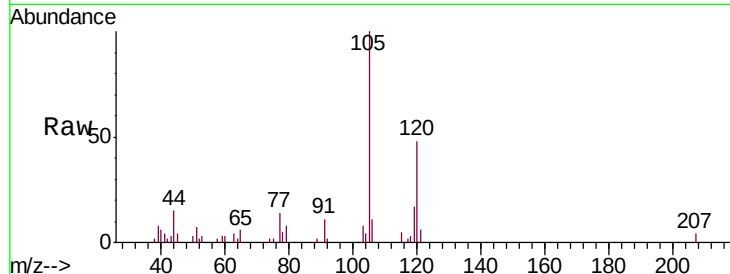




#84
 1,2,4-Trimethylbenzene
 Concen: 0.87 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050067.D
 Acq: 26 Jul 2018 1:33

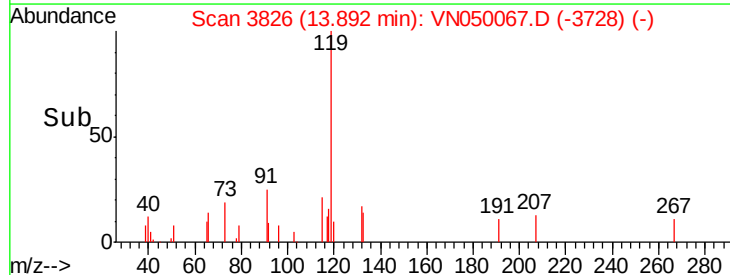
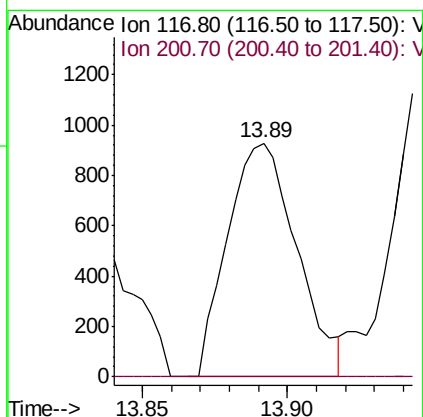
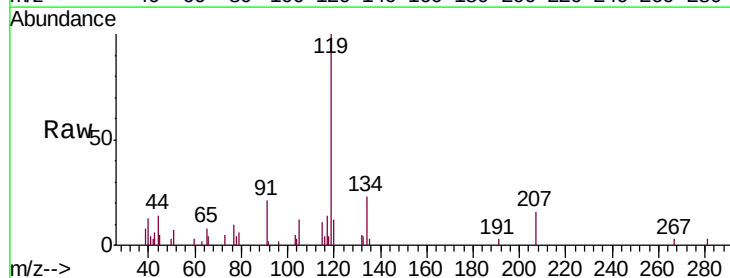
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-072418-B

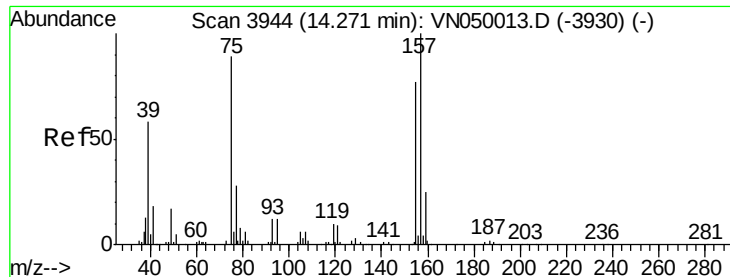
Tot Ion:105 Resp: 16098
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.9 68.7



#90
 Hexachloroethane
 Concen: 0.39 ug/l
 RT: 13.89 min Scan# 3826
 Delta R.T. 0.02 min
 Lab File: VN050067.D
 Acq: 26 Jul 2018 1:33

Tgt Ion:117 Resp: 1540
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.6 136.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-B

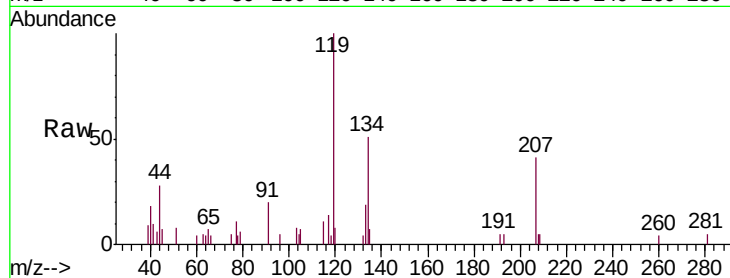
Tot Ion: 75 Resp: 115

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#

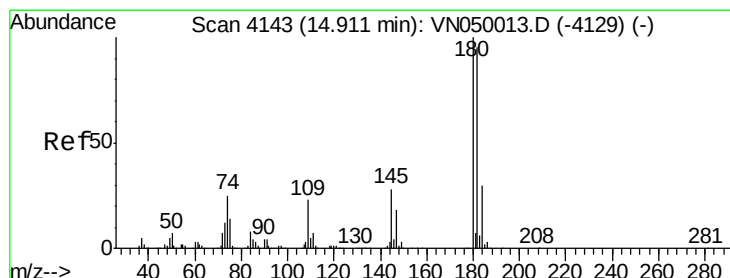
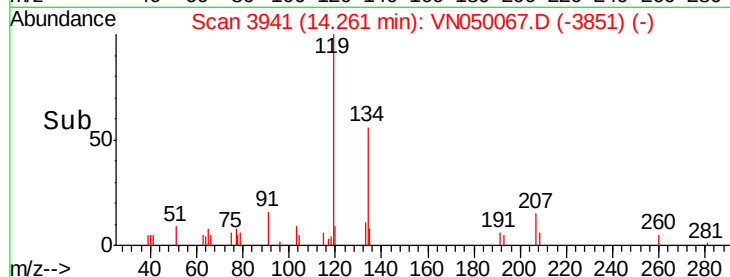
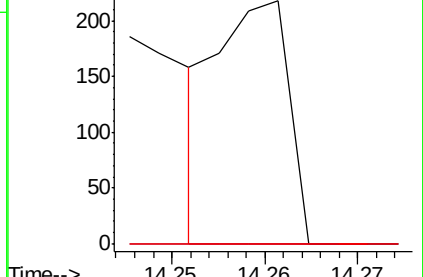


Abundance Ion 74.90 (74.60 to 75.60): VN050013.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050013.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050013.D (-3930) (-)

14.26



#93

1,2,4-Trichlorobenzene

Concen: 3.12 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050067.D

Acq: 26 Jul 2018 1:33

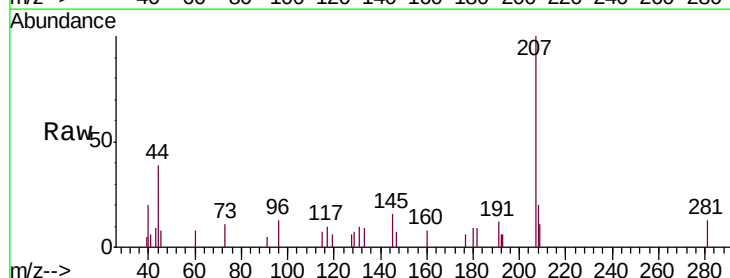
Tgt Ion: 180 Resp: 209

Ion Ratio Lower Upper

180 100

182 99.0 46.7 140.1

145 528.7 13.8 41.4#

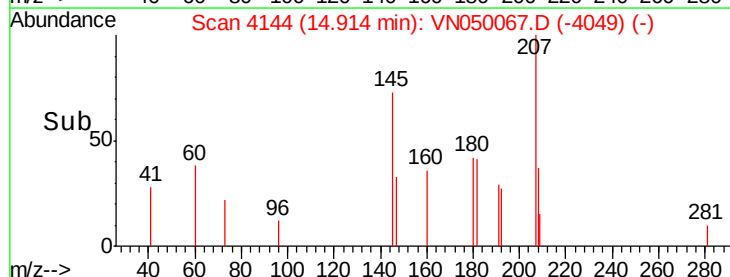
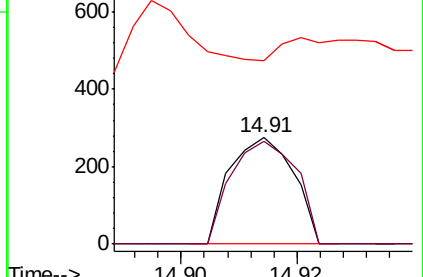


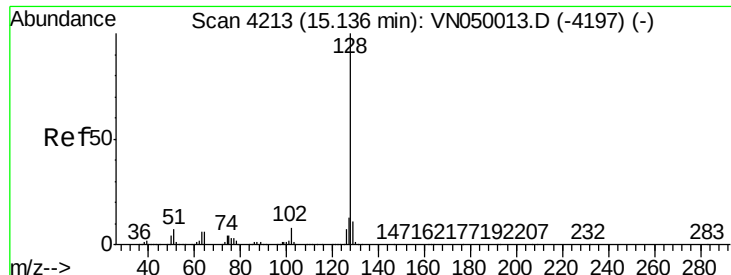
Abundance Ion 179.80 (179.50 to 180.50): VN050013.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN050013.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN050013.D (-4129) (-)

14.91

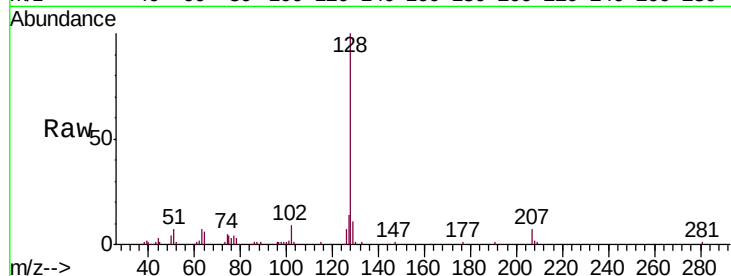




#95
Naphthalene
Concen: 9.60 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050067.D
Acq: 26 Jul 2018 1:33

Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.3	8.8	13.2



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

