

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050084.D
 Acq On : 26 Jul 2018 16:01
 Operator : MD\SY
 Sample : J4142-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Jul 27 01:20:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	607603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	998048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	838873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	352026	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	441662	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
35) Dibromofluoromethane	7.60	113	393791	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	1354847	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	
62) 4-Bromofluorobenzene	12.40	95	401528	40.70	ug/l	0.00
Spiked Amount			Recovery	=	81.40%	

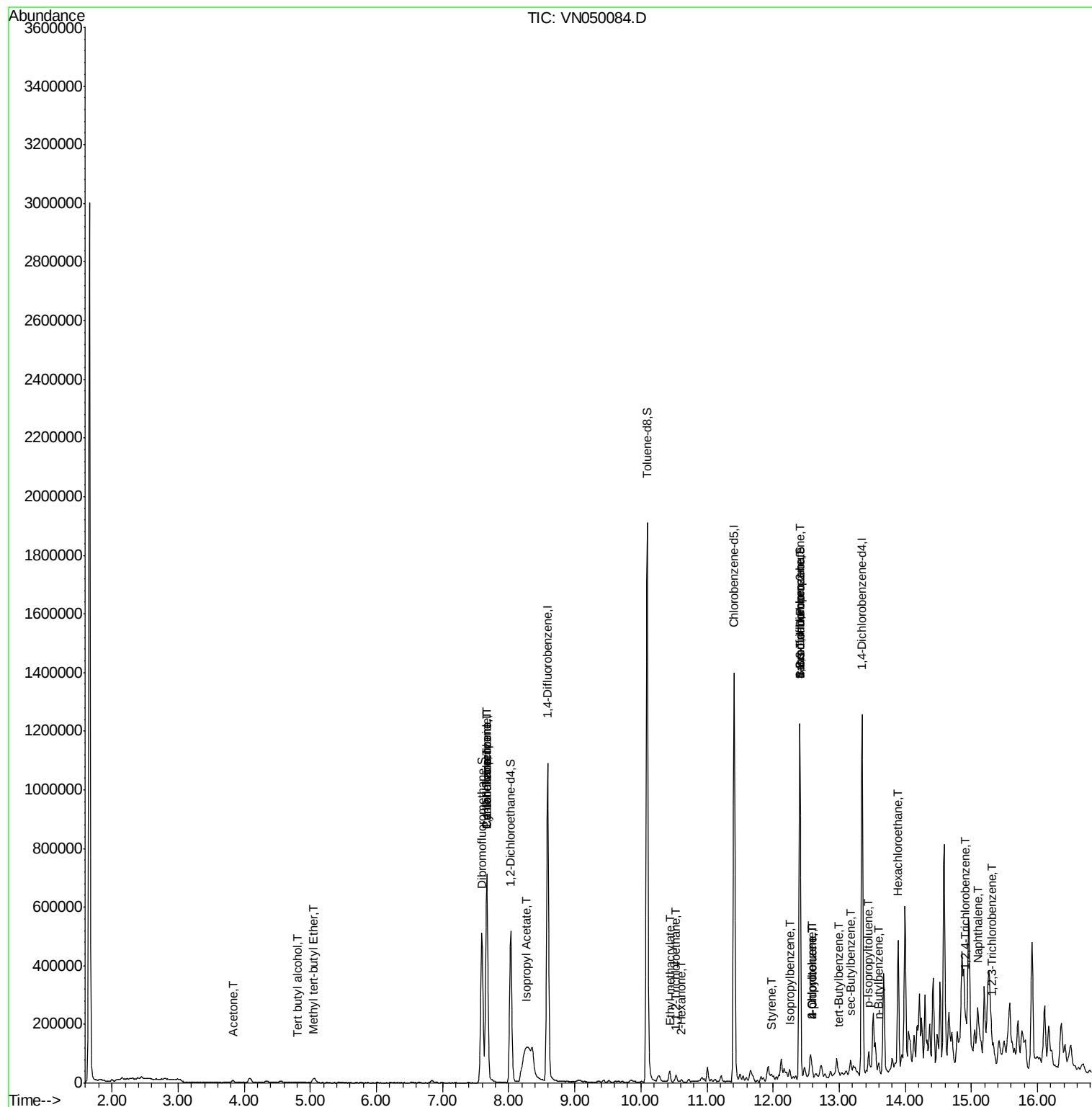
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	295	Below Cal	#	3
11) Tert butyl alcohol	4.82	59	4515	7.24	ug/l	72
16) Acetone	3.83	43	11093	1.23	ug/l	97
18) Methyl Acetate	4.34	43	10732	Below Cal	#	86
19) Methyl tert-butyl Ether	5.04	73	9309	0.50	ug/l	98
20) Methylene Chloride	4.55	84	2055	Below Cal	#	91
31) Cyclohexane	7.67	56	11767	0.94	ug/l	1
36) 1,1-Dichloropropene	7.67	75	43470	3.87	ug/l	48
38) Carbon Tetrachloride	7.67	117	54926	4.60	ug/l	17
43) Isopropyl Acetate	8.27	43	177060	11.10	ug/l	61
55) 1,1,2-Trichloroethane	10.54	97	7437	0.93	ug/l	19
56) Ethyl methacrylate	10.43	69	3994	2.38	ug/l	1
59) 2-Hexanone	10.62	43	5041	6.05	ug/l	63
70) Styrene	11.97	104	215	0.93	ug/l	1
71) Bromoform	12.40	173	1536	0.26	ug/l	29
73) Isopropylbenzene	12.25	105	17461	0.64	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.47	83	439	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	197324	30.16	ug/l	100
78) n-propylbenzene	12.59	91	26371	0.86	ug/l	97
79) 2-Chlorotoluene	12.59	91	26371	1.39	ug/l	40
81) trans-1,4-Dichloro-2-buten	12.40	75	197324	95.67	ug/l	13
82) 4-Chlorotoluene	12.59	91	26516	1.42	ug/l	41
83) tert-Butylbenzene	13.00	119	5456	0.29	ug/l	63
85) sec-Butylbenzene	13.17	105	28010	1.12	ug/l	86
86) p-Isopropyltoluene	13.44	119	39838	1.89	ug/l	96
89) n-Butylbenzene	13.61	91	7192	0.41	ug/l	74
90) Hexachloroethane	13.89	117	26186	5.59	ug/l	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	829	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	352	3.13	ug/l	1
95) Naphthalene	15.10	128	9765	4.97	ug/l	33
96) 1,2,3-Trichlorobenzene	15.32	180	284	2.25	ug/l	86

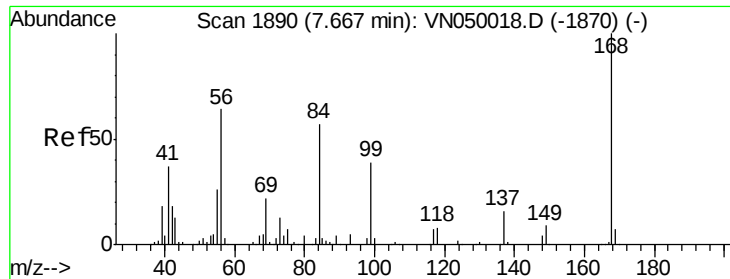
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

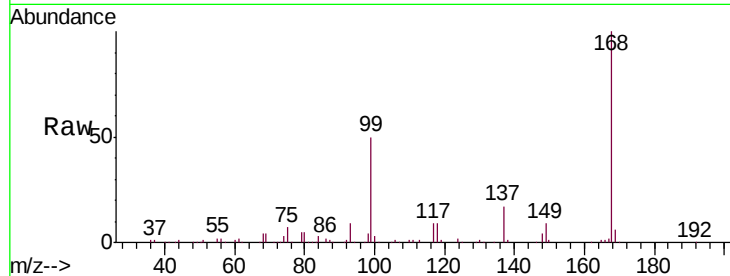
MW-4

Tot Ion:168 Resp: 607603

Ion Ratio Lower Upper

168 100

99 50.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

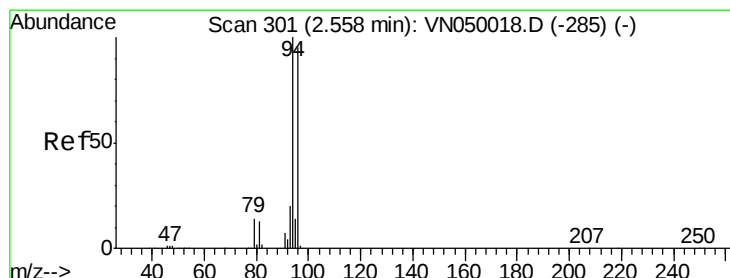
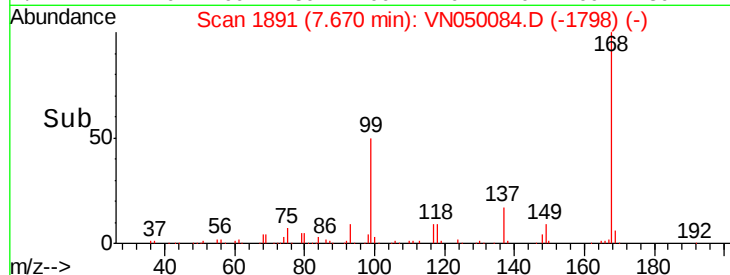
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: VN050084.D

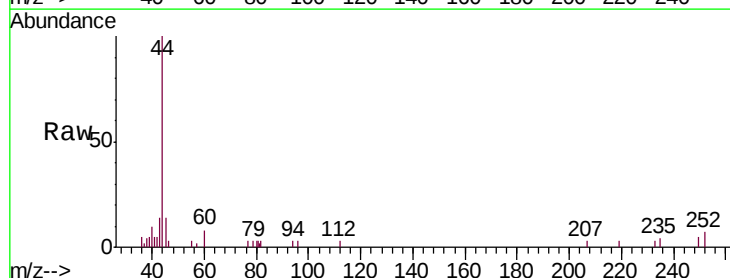
Acq: 26 Jul 2018 16:01

Tgt Ion: 94 Resp: 295

Ion Ratio Lower Upper

94 100

96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

400

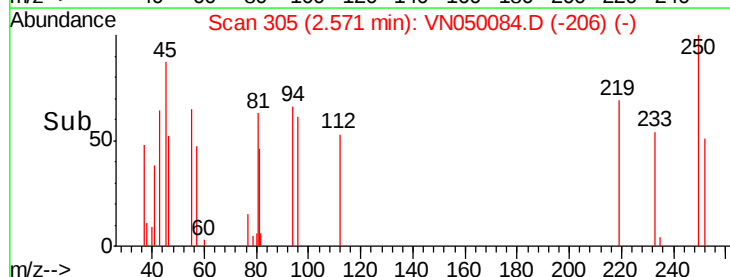
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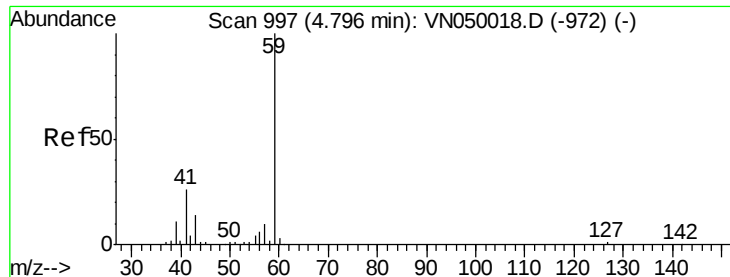
200

100

0

Time-->



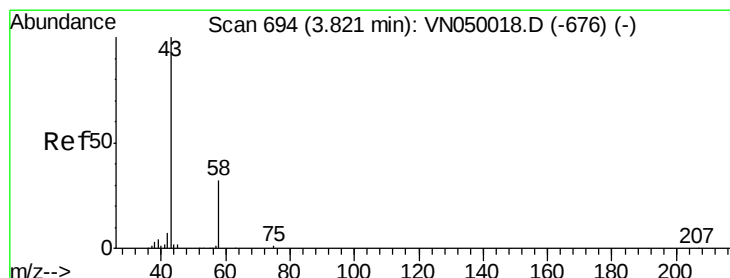
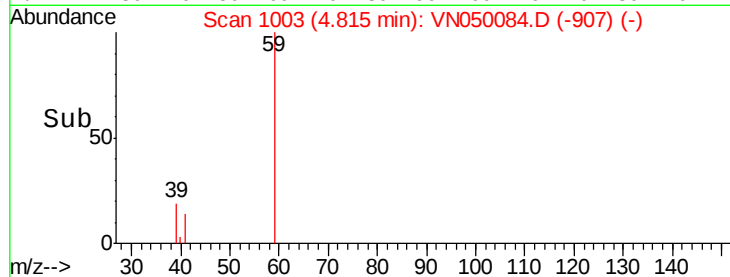
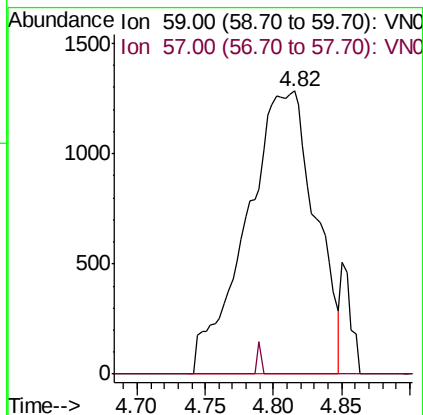
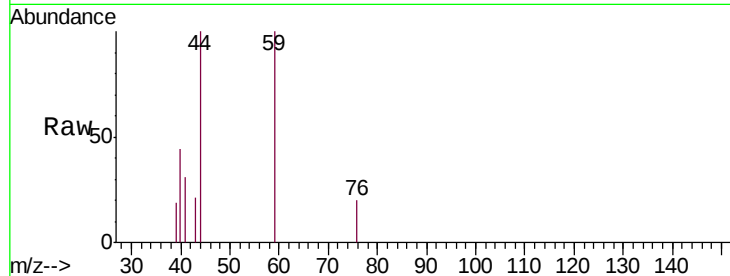


#11

Tert butyl alcohol
 Concen: 7.24 ug/l
 RT: 4.82 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: VN050084.D
 Acq: 26 Jul 2018 16:01

Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

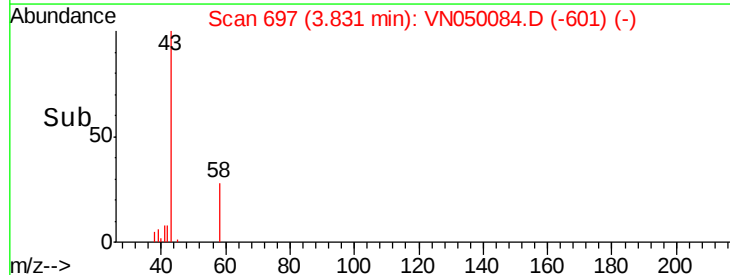
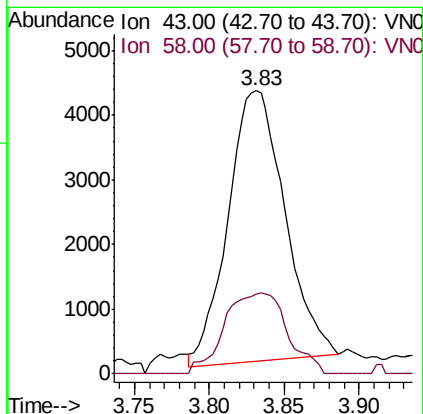
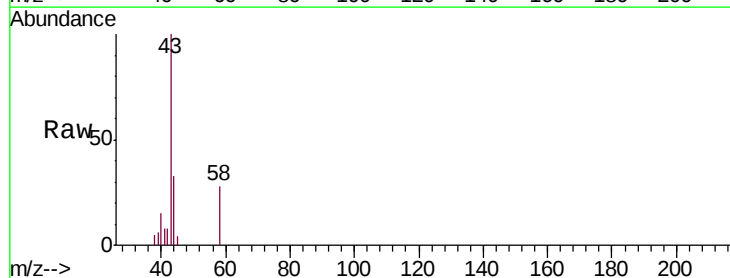
Tot Ion: 59 Resp: 4515
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

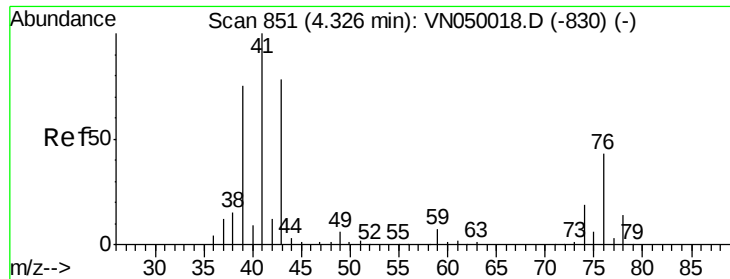


#16

Acetone
 Concen: 1.23 ug/l
 RT: 3.83 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VN050084.D
 Acq: 26 Jul 2018 16:01

Tgt Ion: 43 Resp: 11093
 Ion Ratio Lower Upper
 43 100
 58 30.4 25.8 38.8

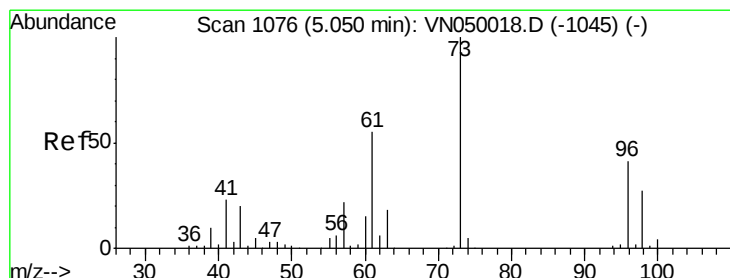
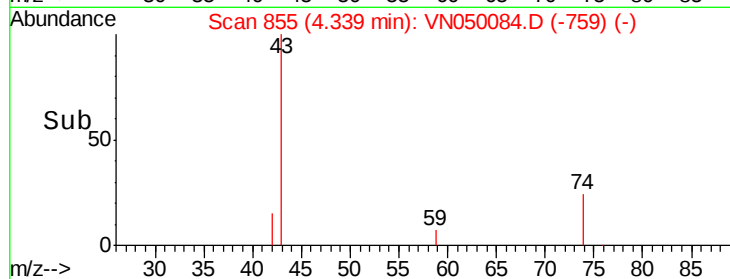
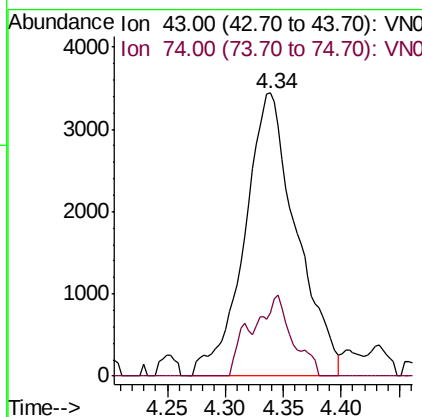
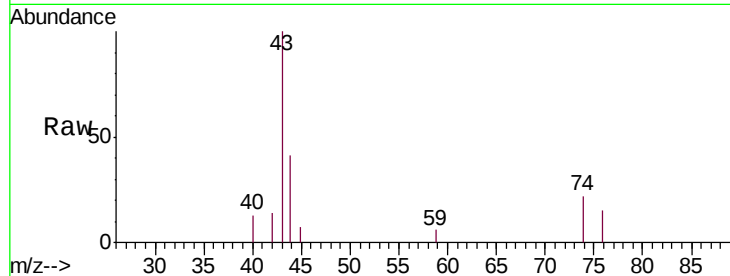




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

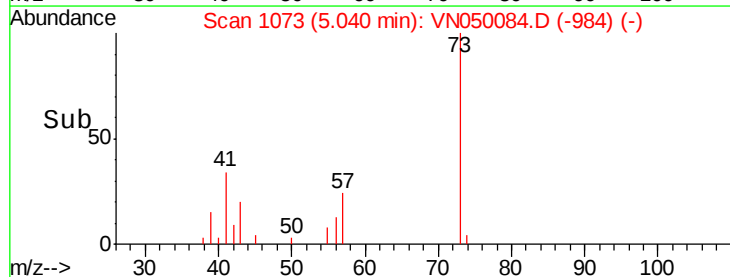
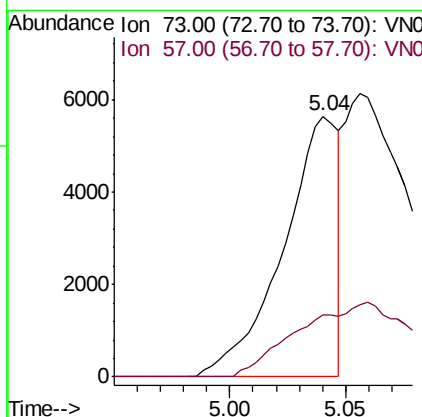
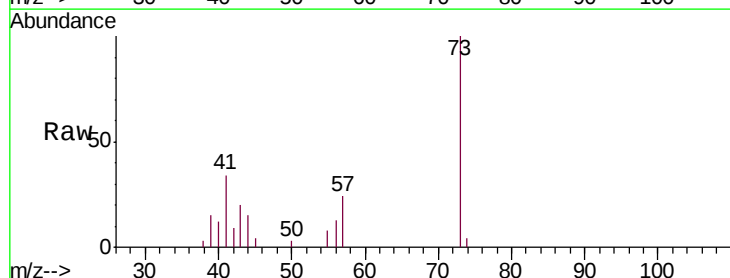
Instrument :
MSVOA_N
ClientSampled :
MW-4

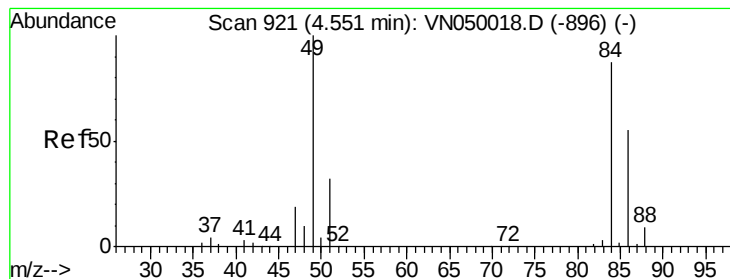
Tot Ion: 43 Resp: 10732
Ion Ratio Lower Upper
43 100
74 17.0 19.2 28.8#



#19
Methyl tert-butyl Ether
Concen: 0.50 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

Tgt Ion: 73 Resp: 9309
Ion Ratio Lower Upper
73 100
57 23.6 18.0 27.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

MW-4

Tot Ion: 84 Resp: 2055

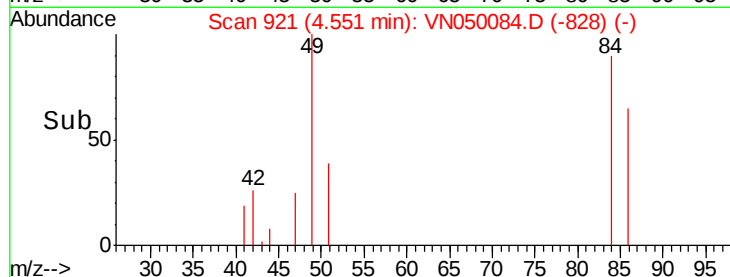
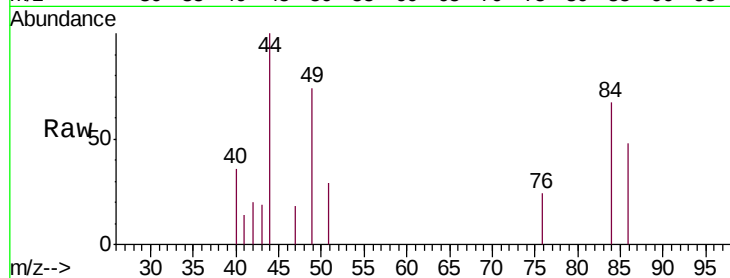
Ion Ratio Lower Upper

84 100

49 111.0 94.8 142.2

51 43.3 28.3 42.5#

86 72.4 51.0 76.6

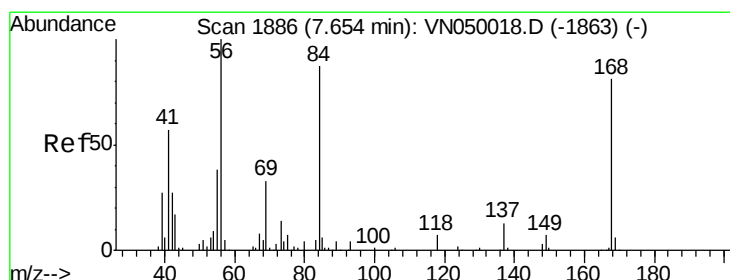
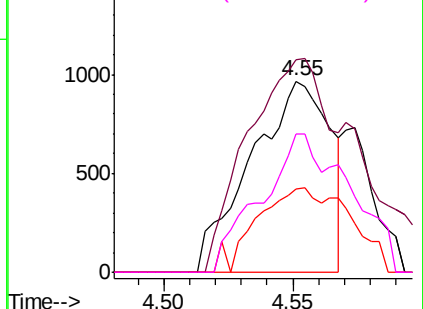


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#31

Cyclohexane

Concen: 0.94 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

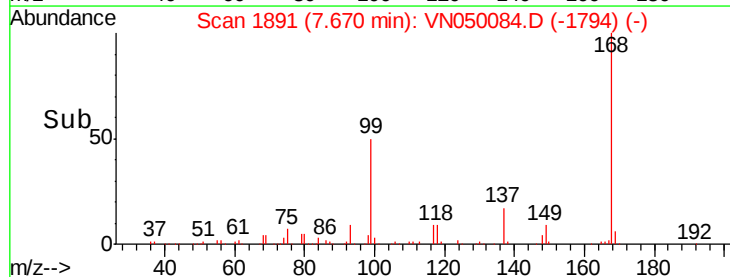
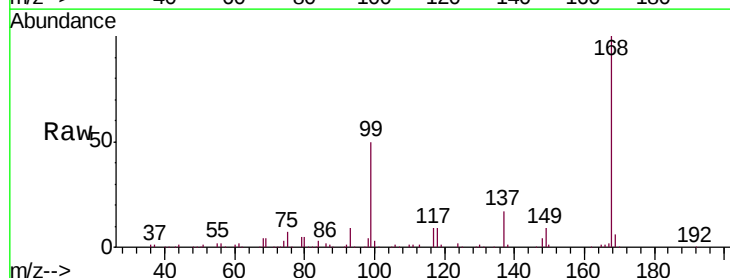
Tgt Ion: 56 Resp: 11767

Ion Ratio Lower Upper

56 100

69 189.7 26.2 39.4#

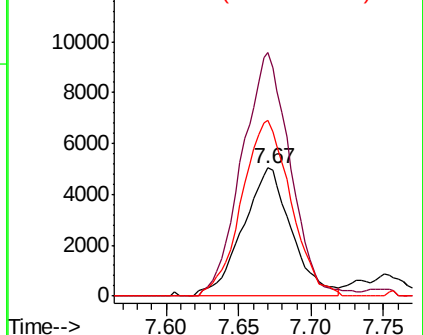
84 136.8 67.4 101.0#

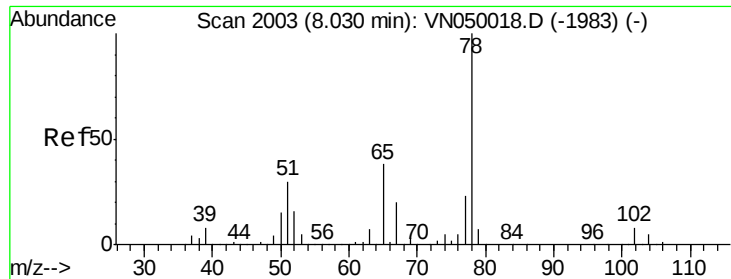


Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

Ion 84.00 (83.70 to 84.70): VNC

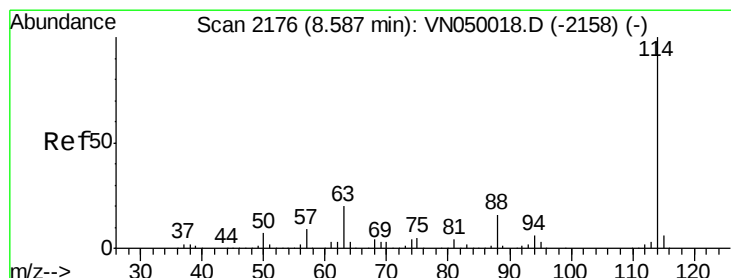
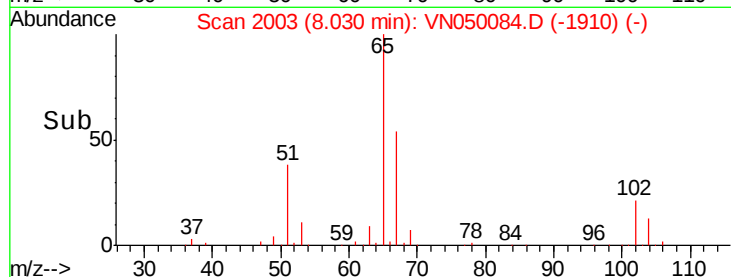
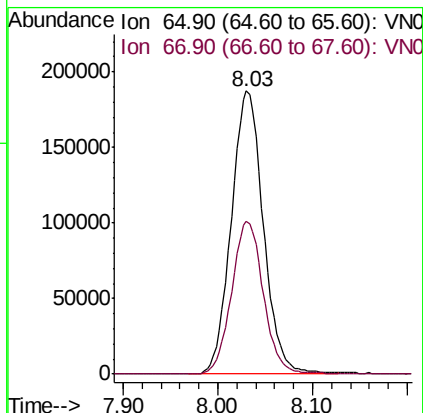
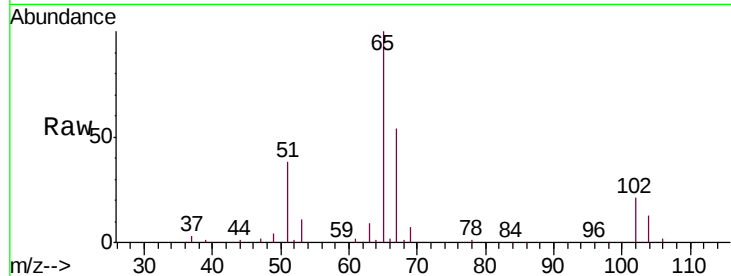




#33
 1,2-Dichloroethane-d4
 Concen: 52.10 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050084.D
 Acq: 26 Jul 2018 16:01

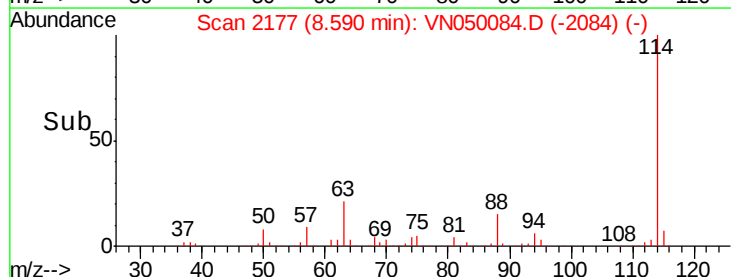
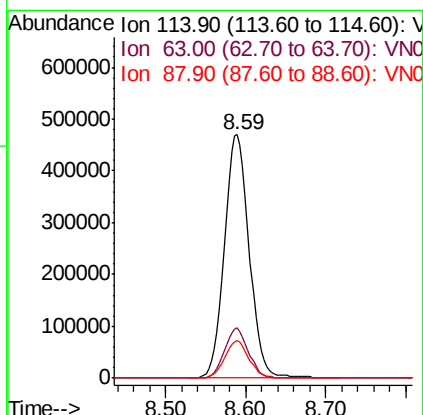
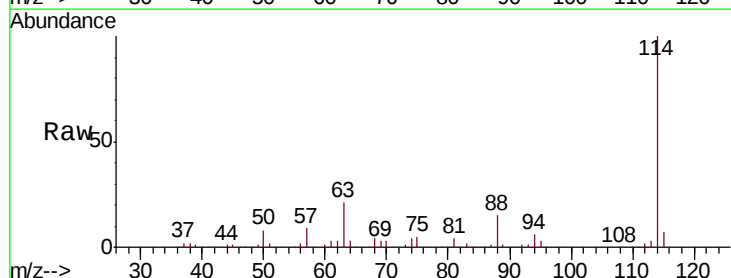
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 MW-4

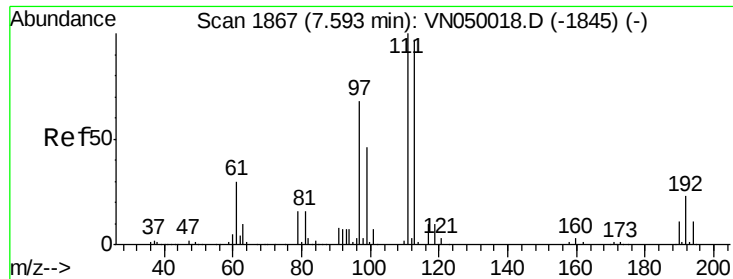
Tot Ion: 65 Resp: 441662
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050084.D
 Acq: 26 Jul 2018 16:01

Tgt Ion: 114 Resp: 998048
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 15.3 0.0 31.2

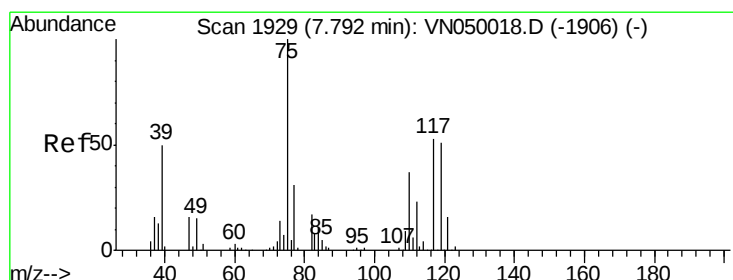
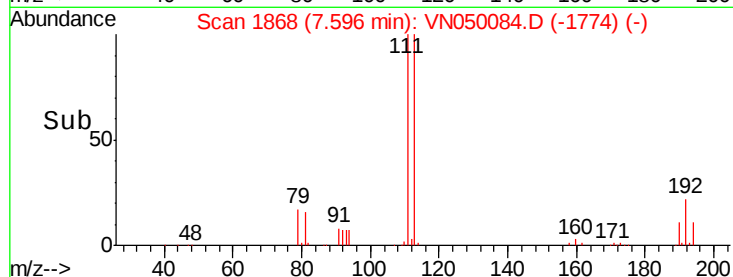
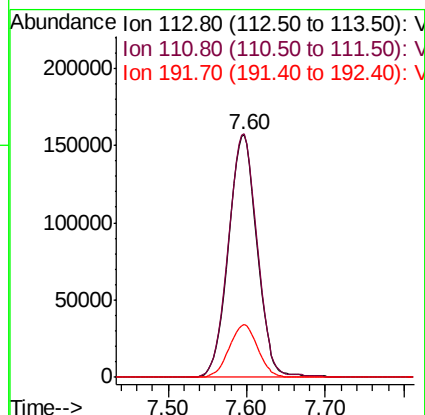
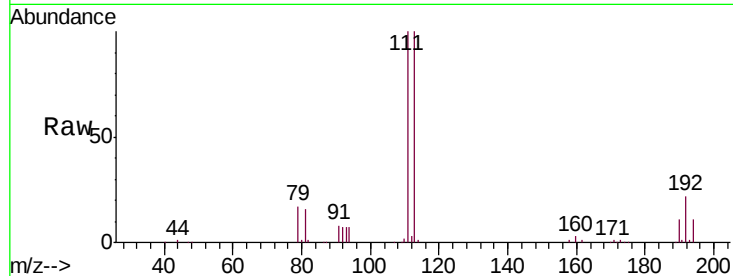




#35
Dibromofluoromethane
Concen: 48.33 ug/l
RT: 7.60 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

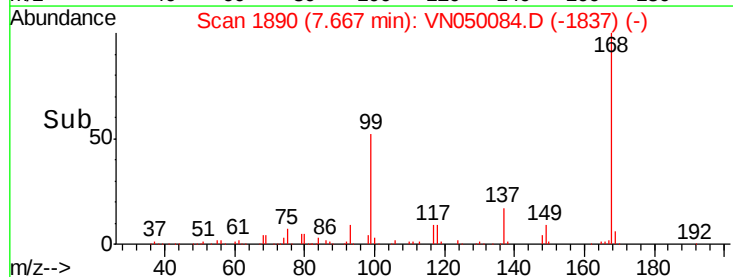
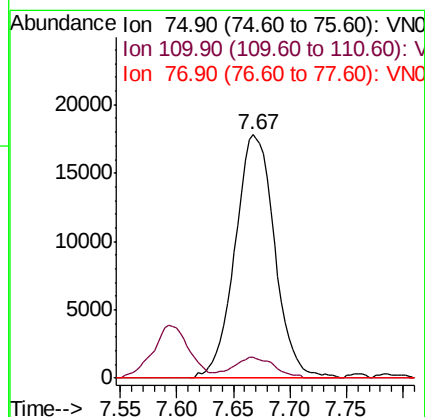
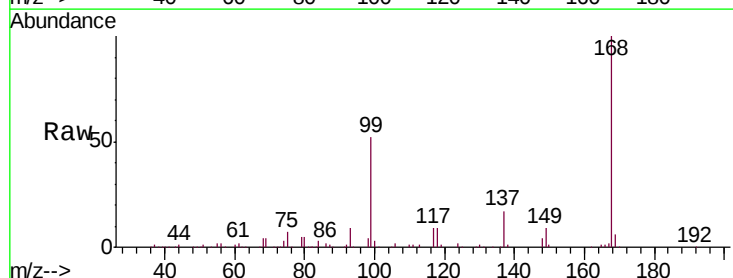
Instrument :
MSVOA_N
ClientSampleId :
MW-4

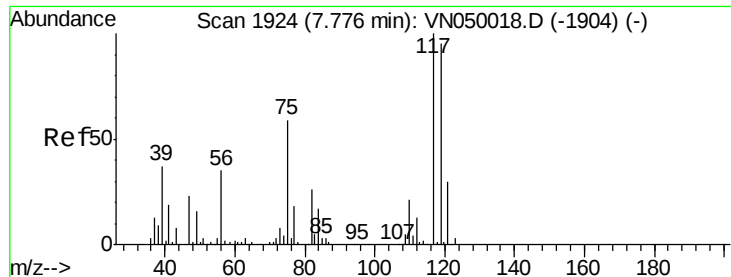
Tot Ion:113 Resp: 393791
Ion Ratio Lower Upper
113 100
111 101.1 80.7 121.1
192 21.8 17.8 26.6



#36
1,1-Dichloropropene
Concen: 3.87 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

Tgt Ion: 75 Resp: 43470
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 25.3 37.9#

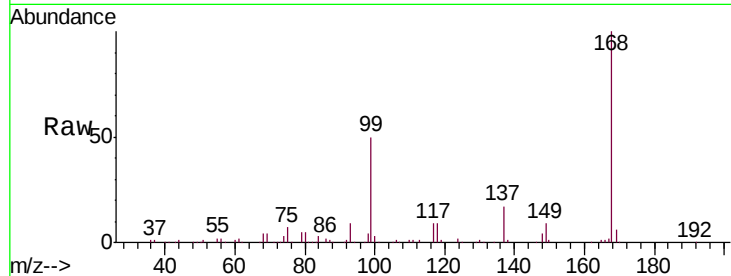




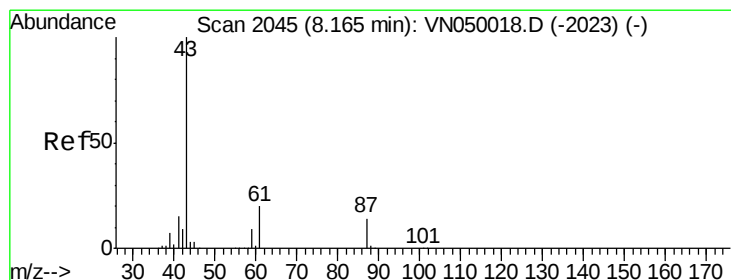
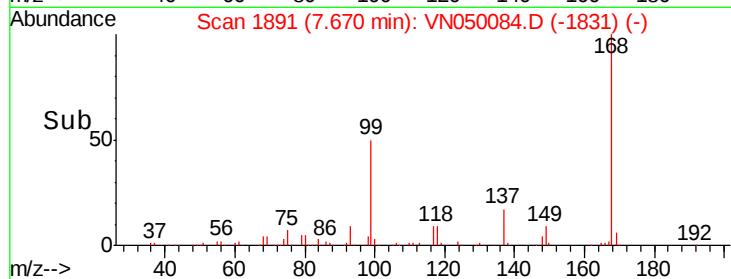
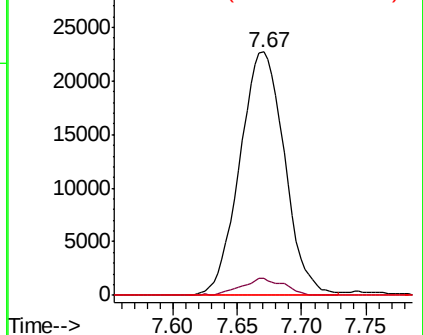
#38
Carbon Tetrachloride
Concen: 4.60 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion:117 Resp: 54926
Ion Ratio Lower Upper
117 100
119 7.0 77.4 116.0#
121 0.0 23.9 35.9#

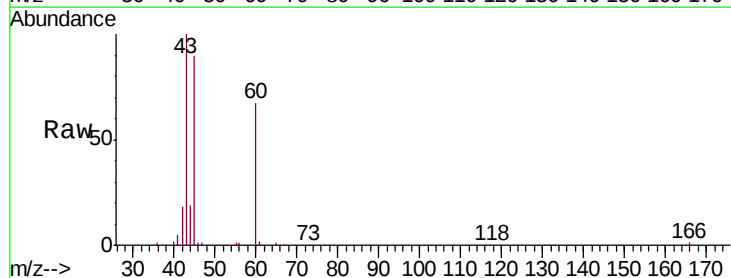


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

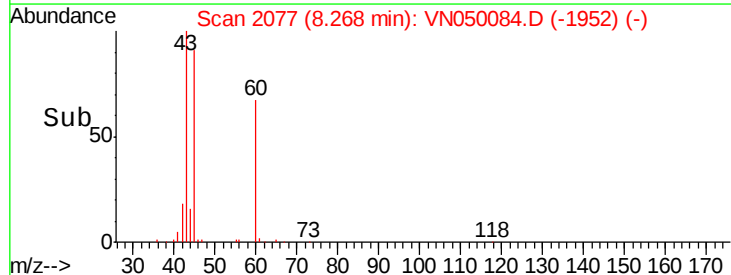
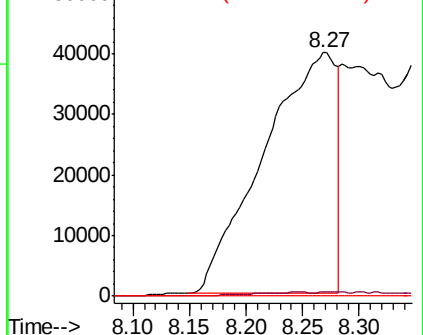


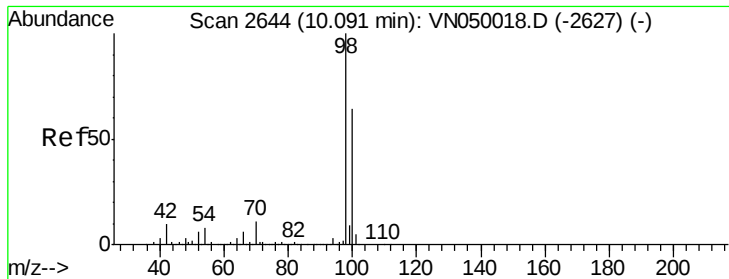
#43
Isopropyl Acetate
Concen: 11.10 ug/l
RT: 8.27 min Scan# 2077
Delta R.T. 0.10 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

Tgt Ion: 43 Resp: 177060
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.6#
87 0.0 10.3 15.5#



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

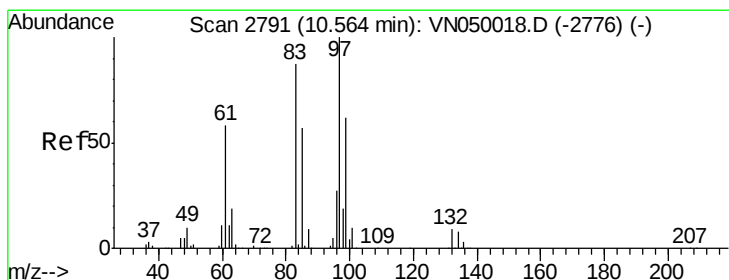
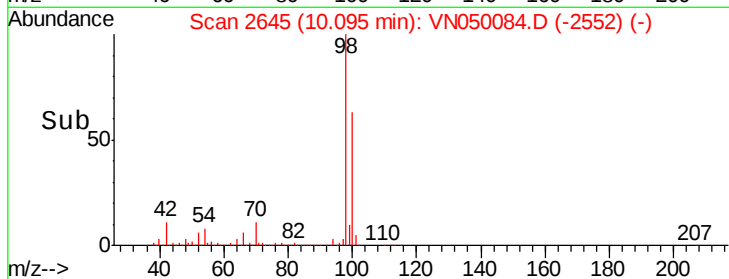
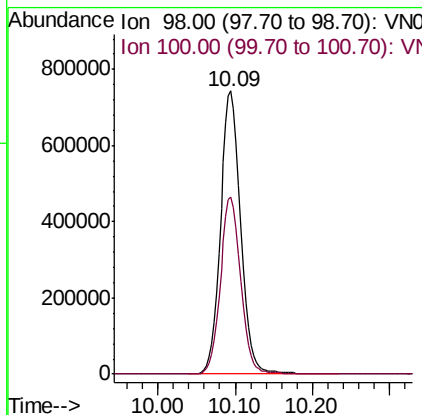
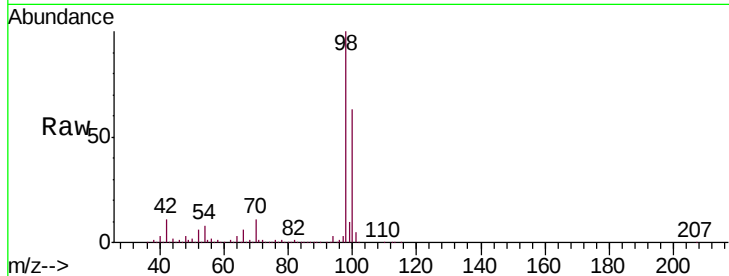




#50
Toluene-d8
Concen: 45.22 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

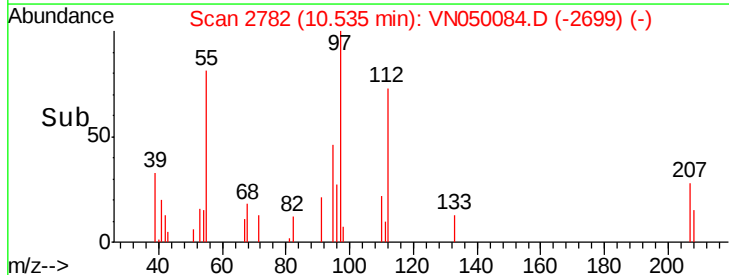
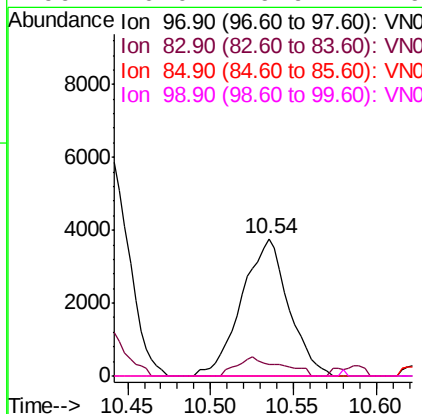
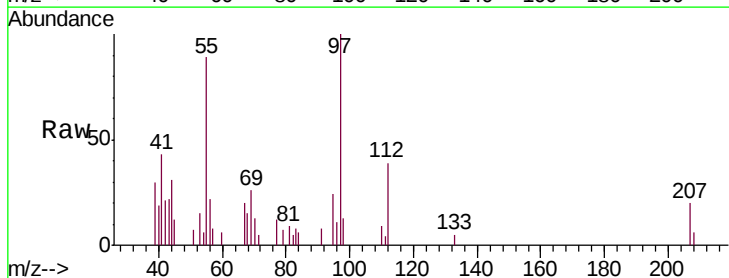
Instrument :
MSVOA_N
ClientSampled :
MW-4

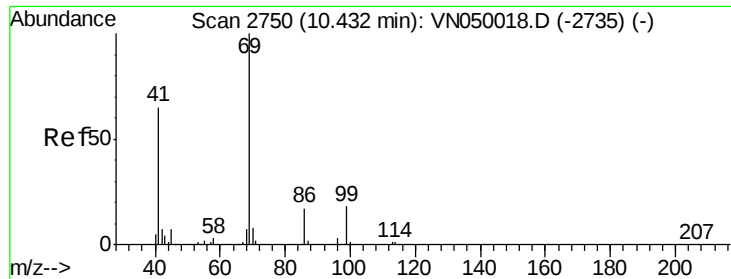
Tot Ion: 98 Resp: 1354847
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1



#55
1,1,2-Trichloroethane
Concen: 0.93 ug/l
RT: 10.54 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

Tgt Ion: 97 Resp: 7437
Ion Ratio Lower Upper
97 100
83 8.4 69.2 103.8#
85 0.0 44.0 66.0#
99 0.0 49.9 74.9#





#56

Ethyl methacrylate

Concen: 2.38 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

MW-4

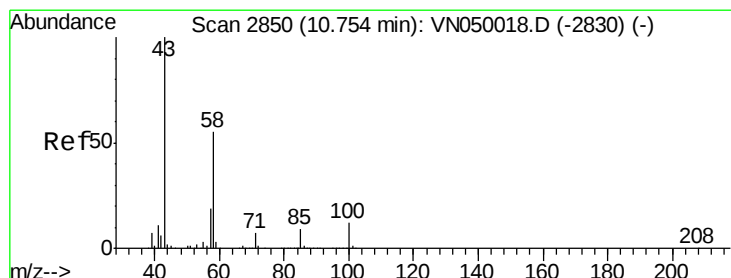
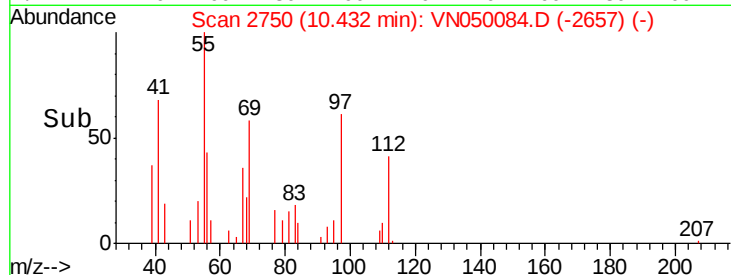
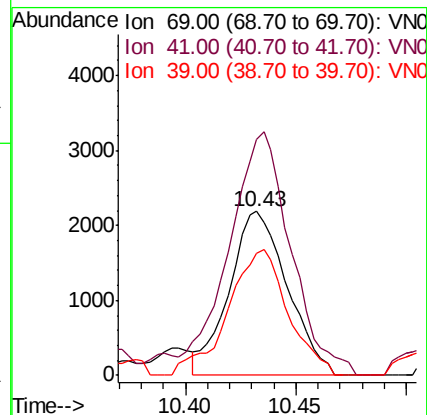
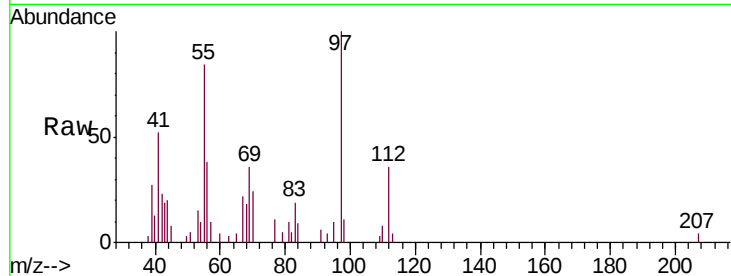
Tot Ion: 69 Resp: 3994

Ion Ratio Lower Upper

69 100

41 158.5 51.0 76.4#

39 79.5 26.6 40.0#



#59

2-Hexanone

Concen: 6.05 ug/l

RT: 10.62 min Scan# 2807

Delta R.T. -0.14 min

Lab File: VN050084.D

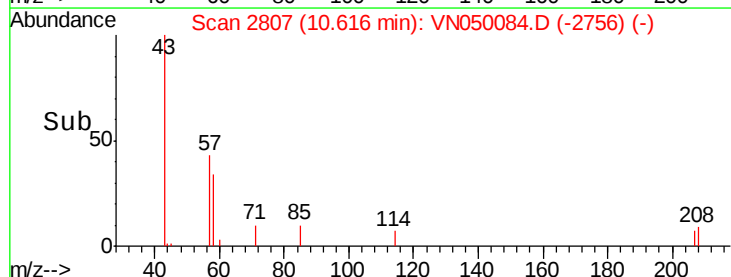
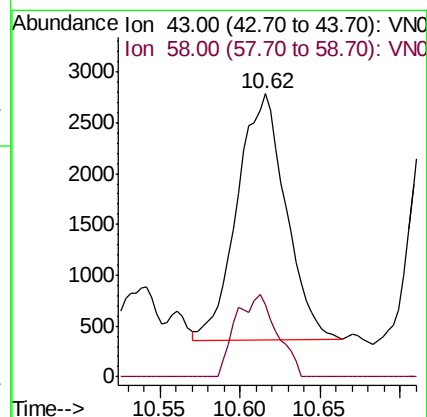
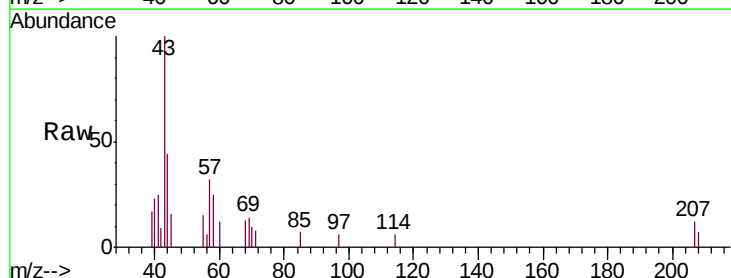
Acq: 26 Jul 2018 16:01

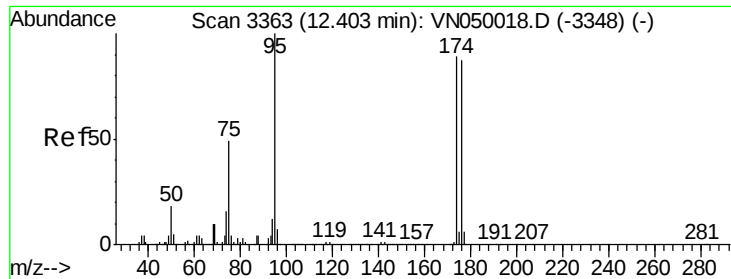
Tgt Ion: 43 Resp: 5041

Ion Ratio Lower Upper

43 100

58 28.1 27.6 82.7





#62

4-Bromofluorobenzene

Concen: 40.70 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

MW-4

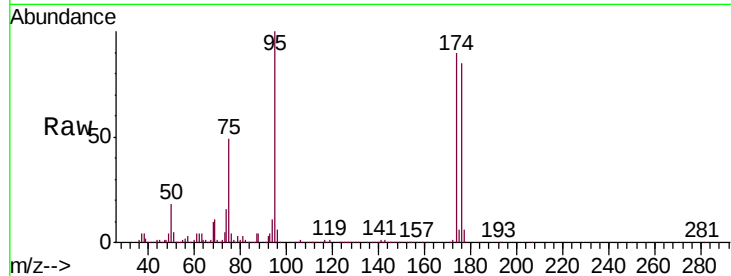
Tot Ion: 95 Resp: 401528

Ion Ratio Lower Upper

95 100

174 91.2 0.0 178.2

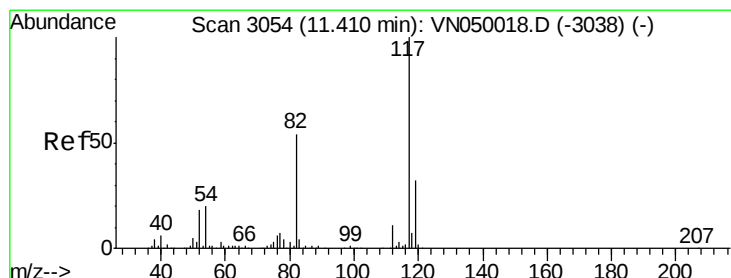
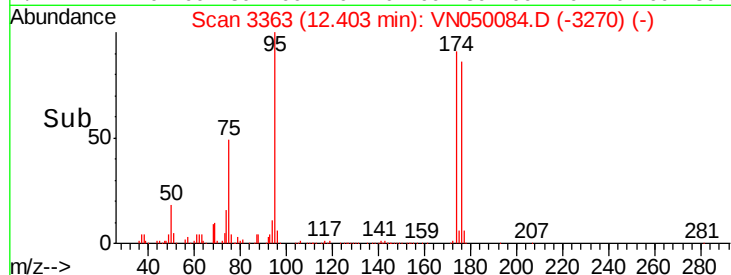
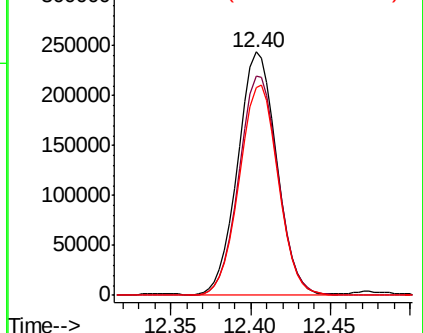
176 87.3 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

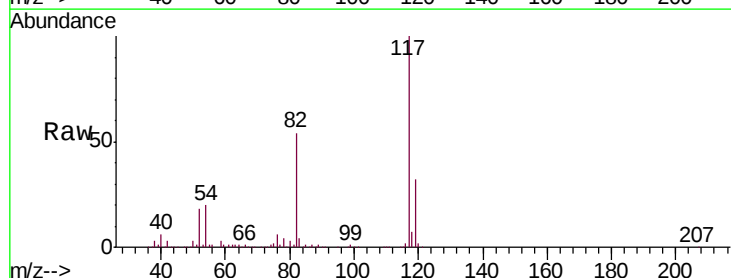
Tgt Ion: 117 Resp: 838873

Ion Ratio Lower Upper

117 100

82 54.0 43.7 65.5

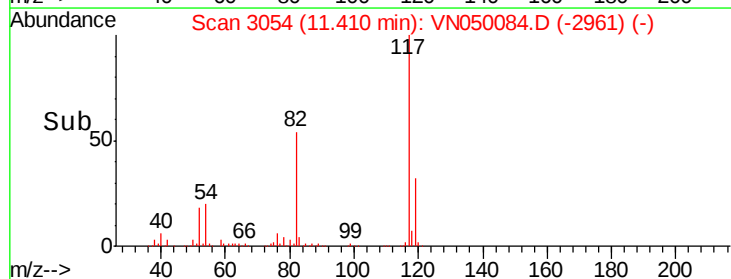
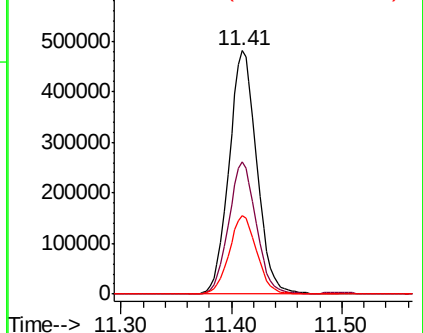
119 32.1 26.1 39.1

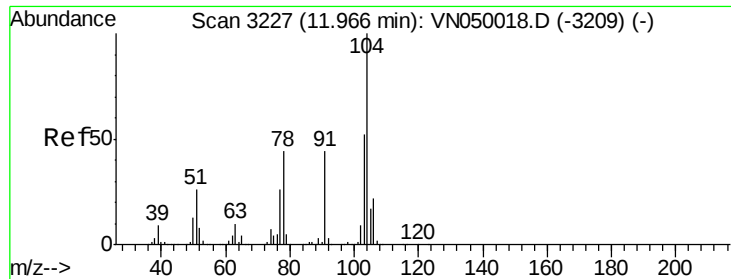


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#70

Stvrene

Concen: 0.93 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

MW-4

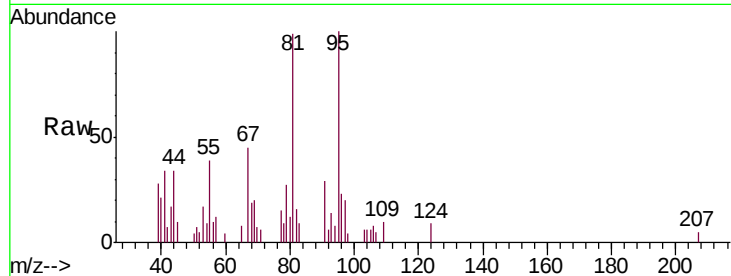
Tot Ion:104 Resp: 215

Ion Ratio Lower Upper

104 100

78 192.6 39.3 58.9#

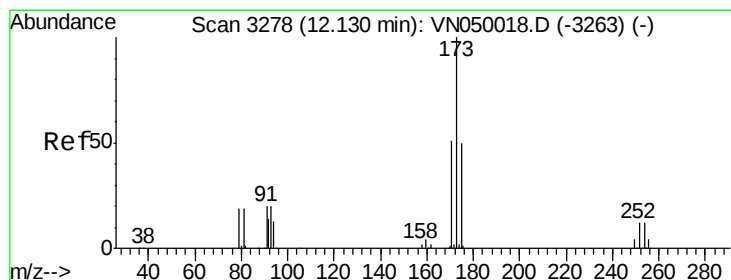
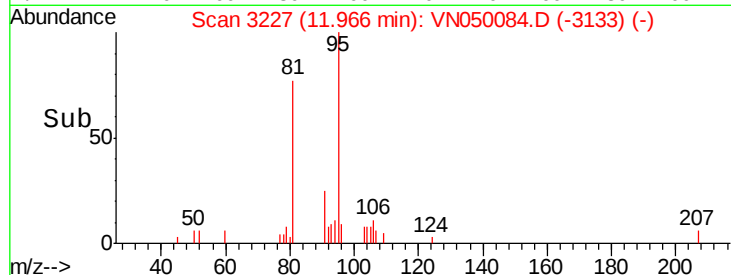
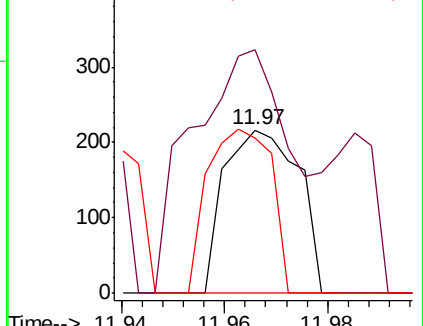
103 86.5 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.26 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.27 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

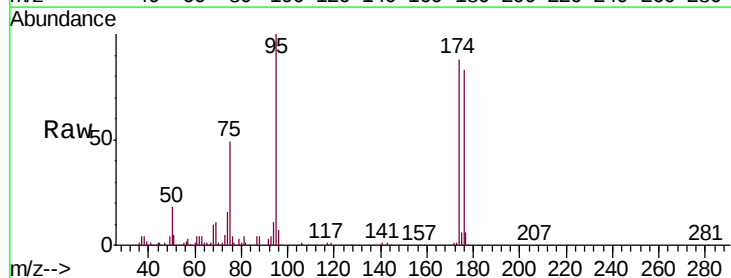
Tgt Ion:173 Resp: 1536

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

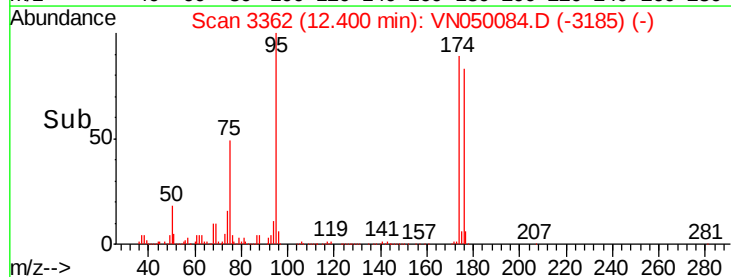
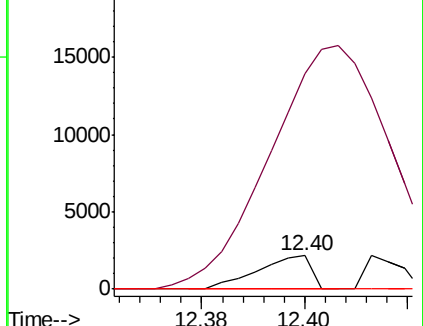
254 0.0 0.2 0.2#

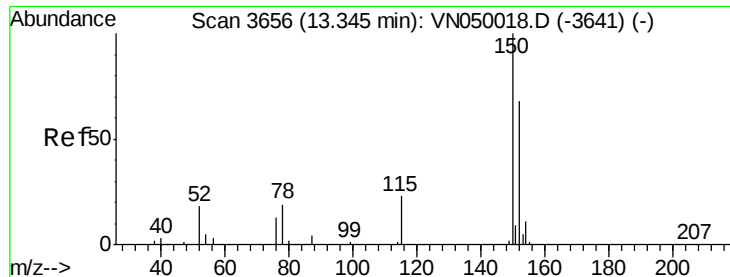


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

MW-4

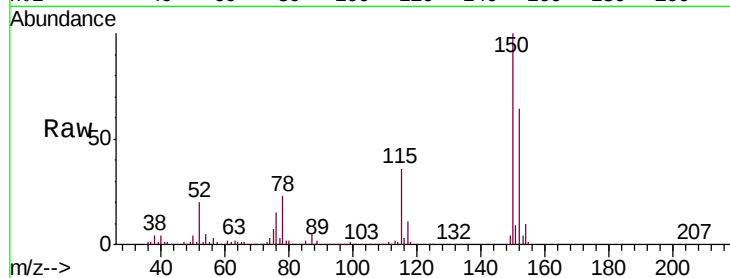
Tot Ion:152 Resp: 352026

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.3

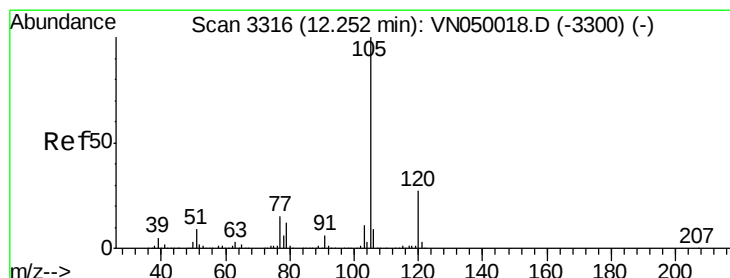
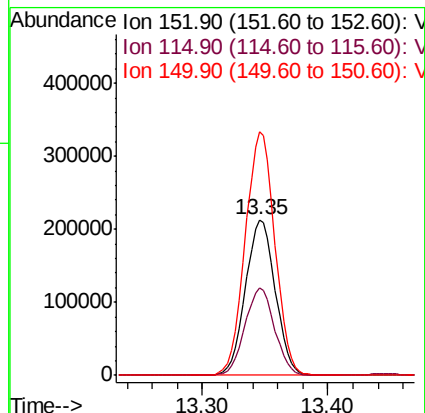
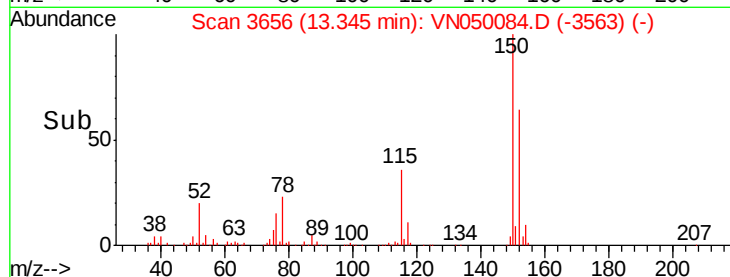
150 155.5 0.0 348.6



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



#73

Isopropylbenzene

Concen: 0.64 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050084.D

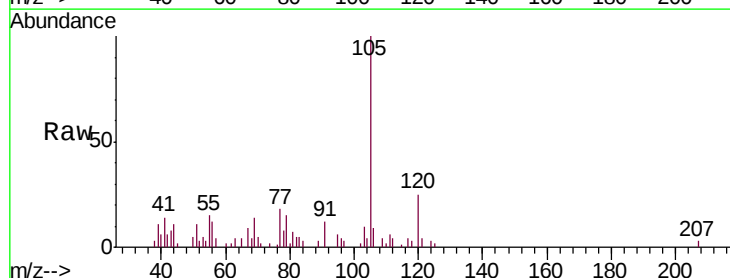
Acq: 26 Jul 2018 16:01

Tgt Ion:105 Resp: 17461

Ion Ratio Lower Upper

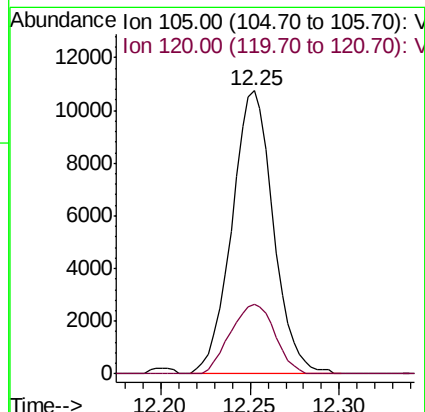
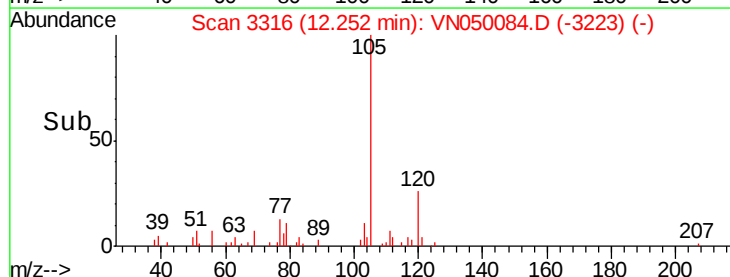
105 100

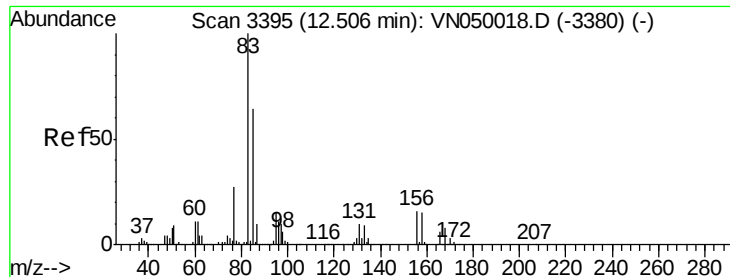
120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3383

Delta R.T. -0.04 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

MW-4

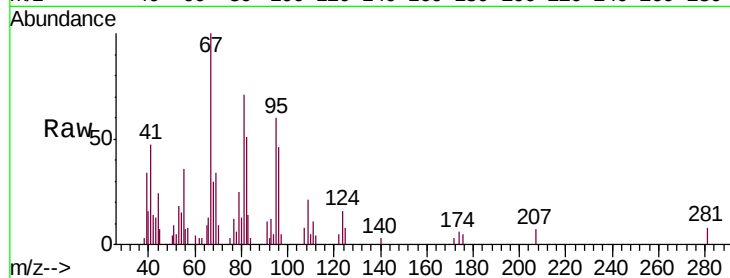
Tot Ion: 83 Resp: 439

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

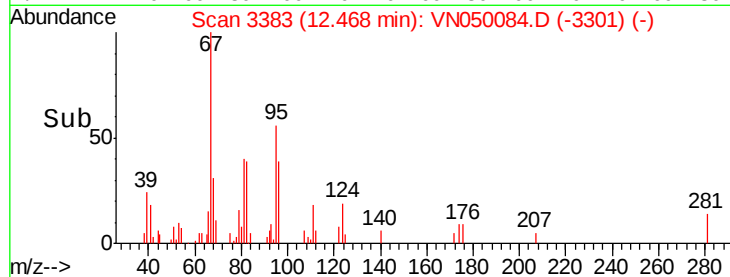
85 0.0 32.3 96.8#



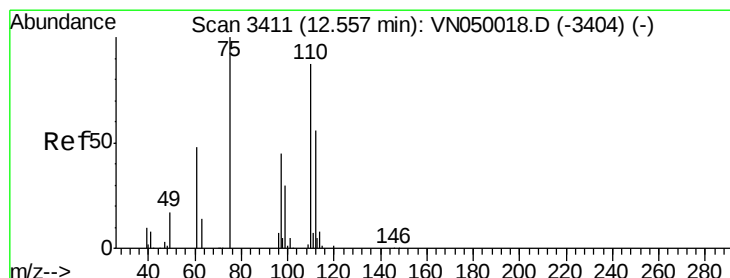
Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO

12.47

12.44 12.46 12.48



Time-->



#76

1,2,3-Trichloropropane

Concen: 30.16 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050084.D

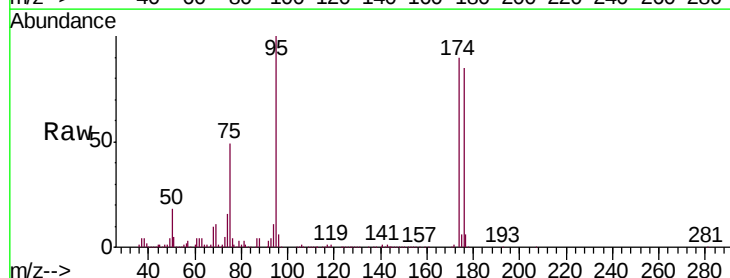
Acq: 26 Jul 2018 16:01

Tgt Ion: 75 Resp: 197324

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO

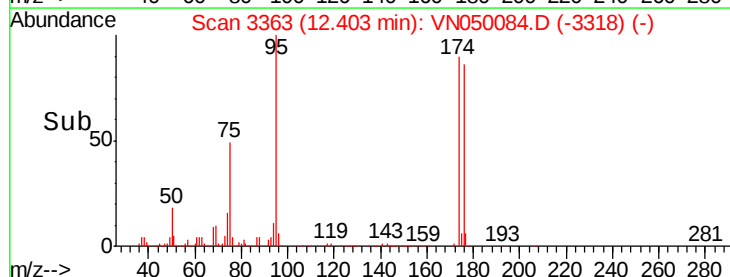
12.40

100000

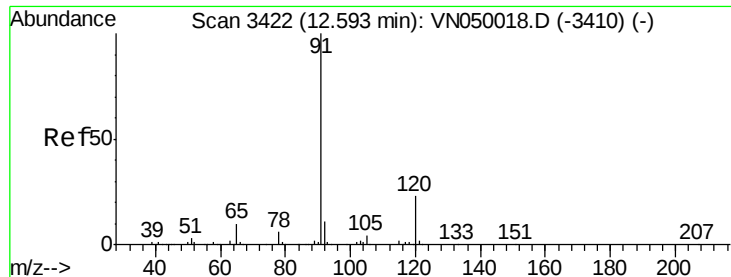
50000

0

12.35 12.40 12.45



Time-->



#78

n-propylbenzene

Concen: 0.86 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

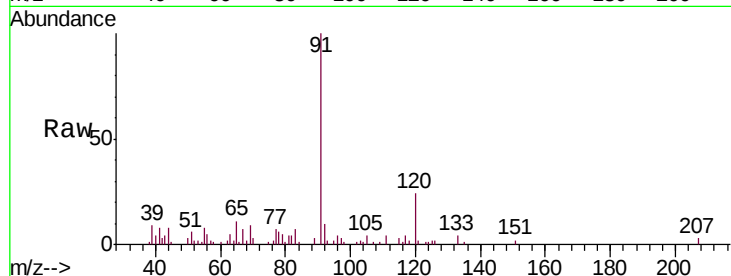
MW-4

Tot Ion: 91 Resp: 26371

Ion Ratio Lower Upper

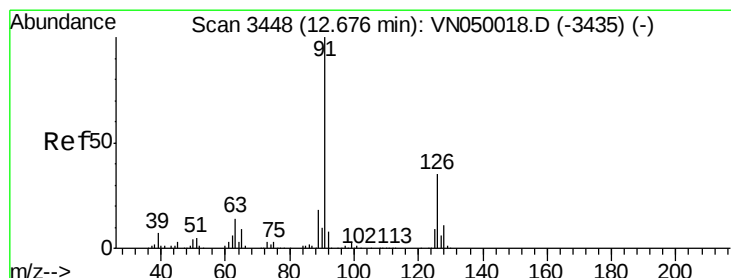
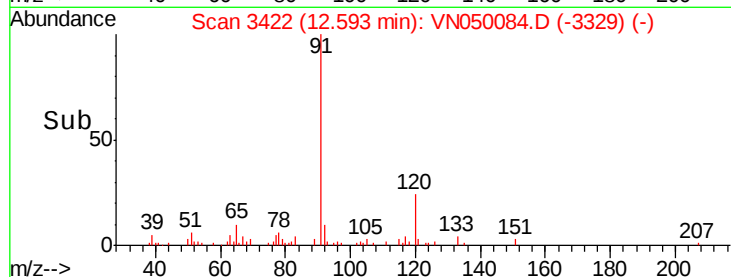
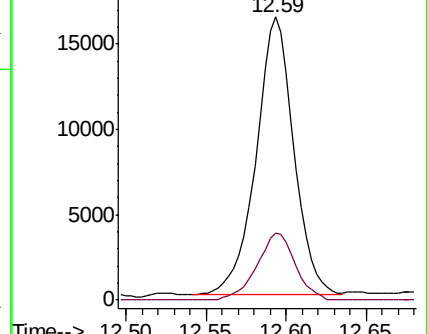
91 100

120 24.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.39 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.08 min

Lab File: VN050084.D

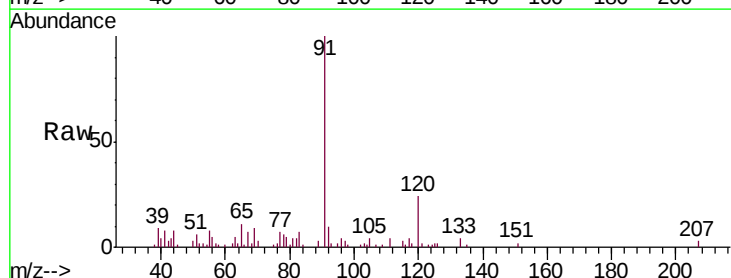
Acq: 26 Jul 2018 16:01

Tgt Ion: 91 Resp: 26371

Ion Ratio Lower Upper

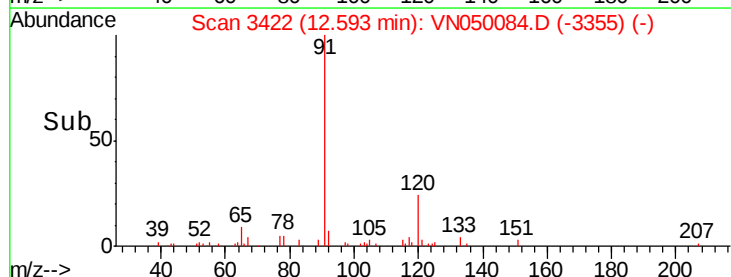
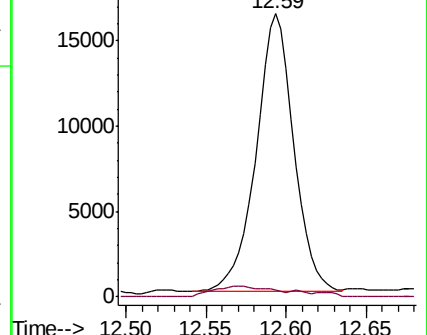
91 100

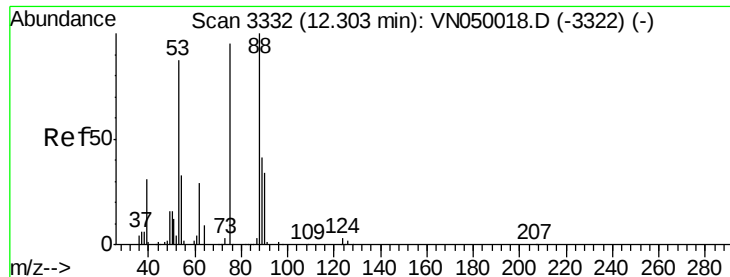
126 0.4 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 95.67 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

MW-4

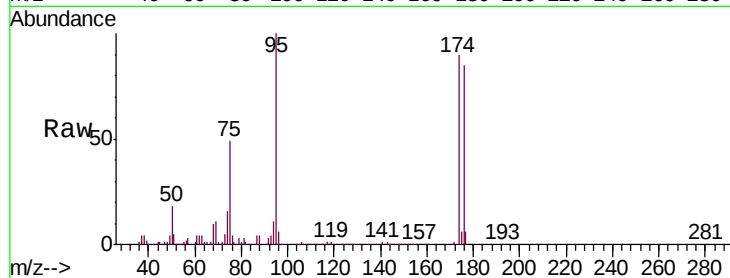
Tot Ion: 75 Resp: 197324

Ion Ratio Lower Upper

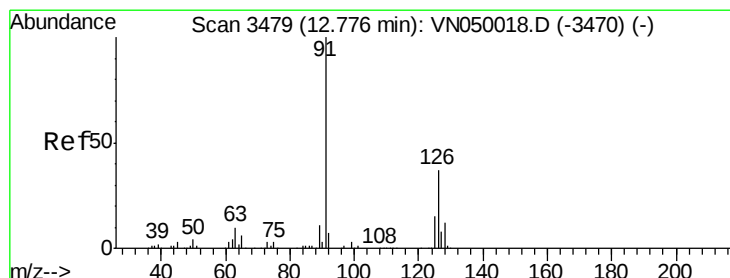
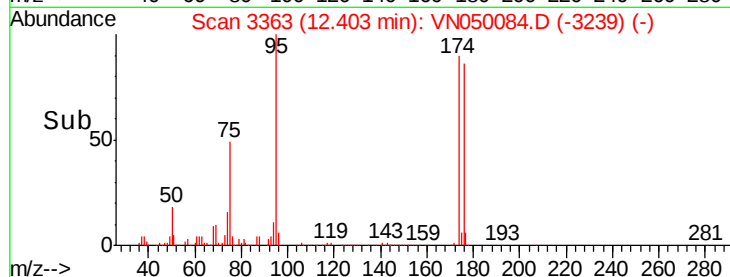
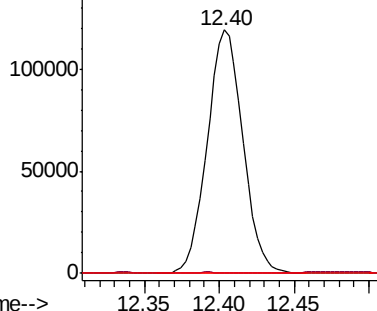
75 100

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



#82

4-Chlorotoluene

Concen: 1.42 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.18 min

Lab File: VN050084.D

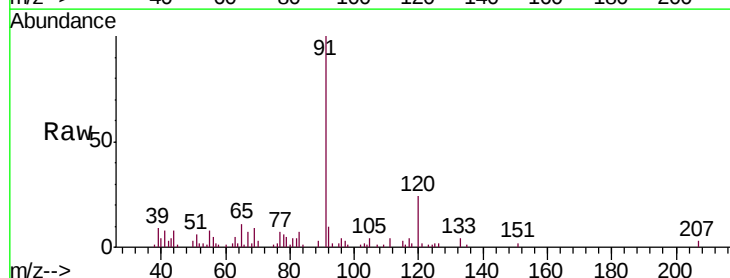
Acq: 26 Jul 2018 16:01

Tgt Ion: 91 Resp: 26516

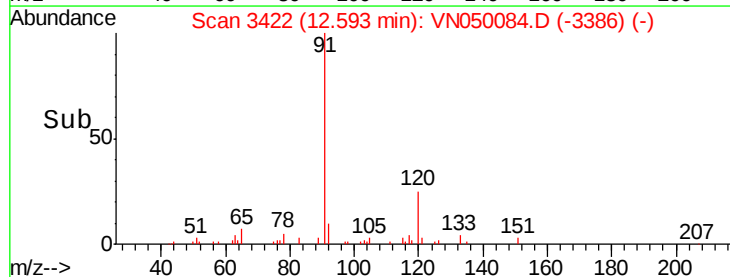
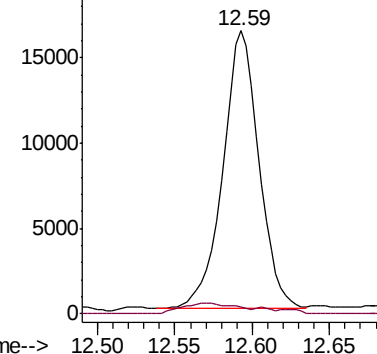
Ion Ratio Lower Upper

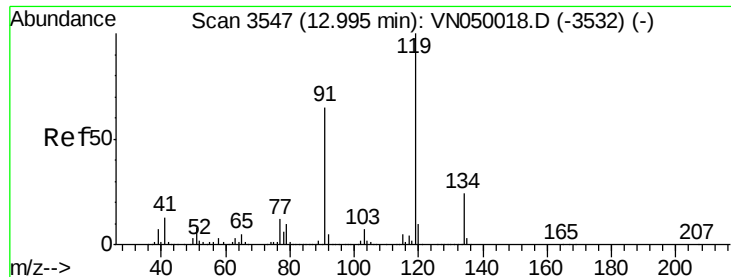
91 100

126 0.4 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V

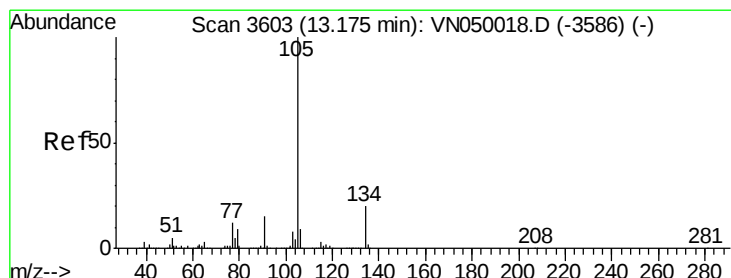
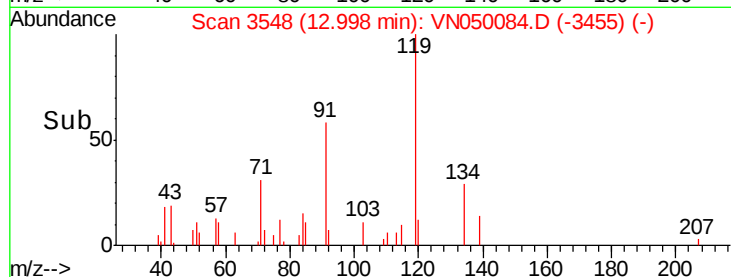
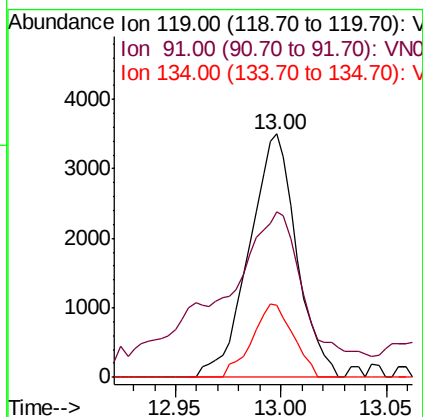
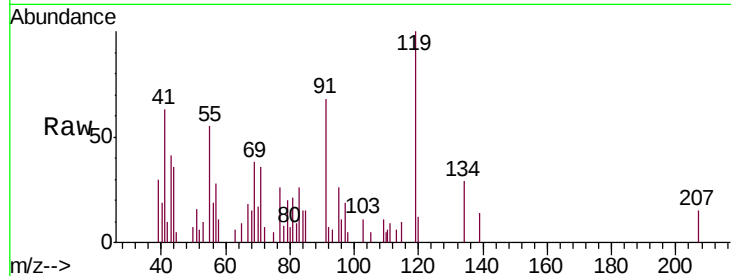




#83
tert-Butylbenzene
Concen: 0.29 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

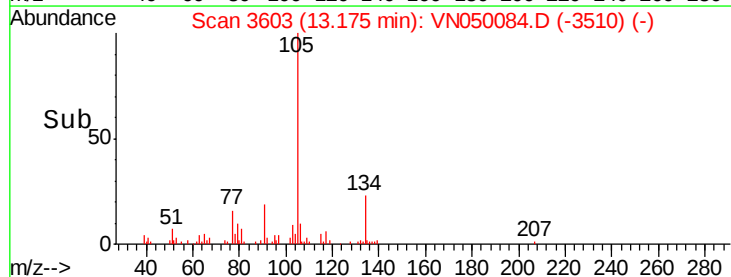
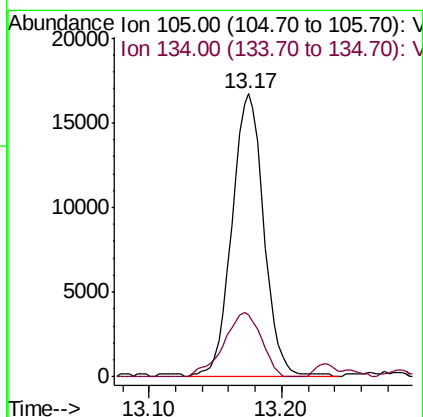
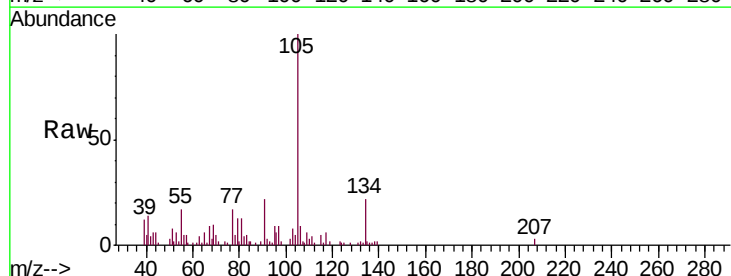
Instrument :
MSVOA_N
ClientSampled :
MW-4

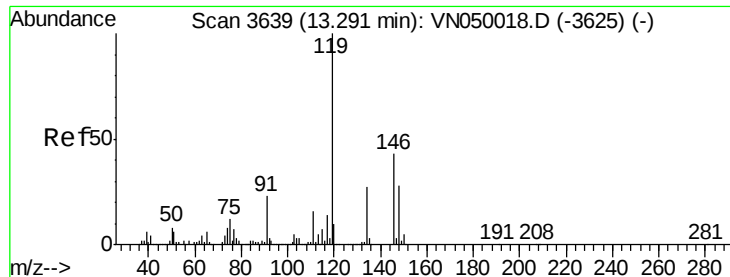
Tot Ion:119 Resp: 5456
Ion Ratio Lower Upper
119 100
91 104.5 32.1 96.3#
134 26.2 13.2 39.5



#85
sec-Butylbenzene
Concen: 1.12 ug/l
RT: 13.17 min Scan# 3603
Delta R.T. 0.00 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

Tgt Ion:105 Resp: 28010
Ion Ratio Lower Upper
105 100
134 26.8 10.1 30.1

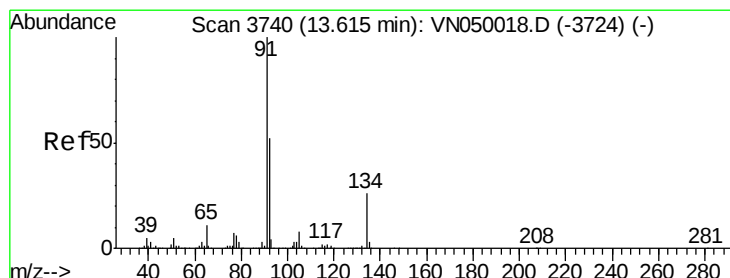
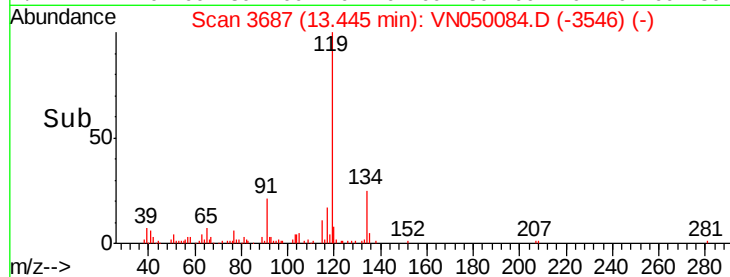
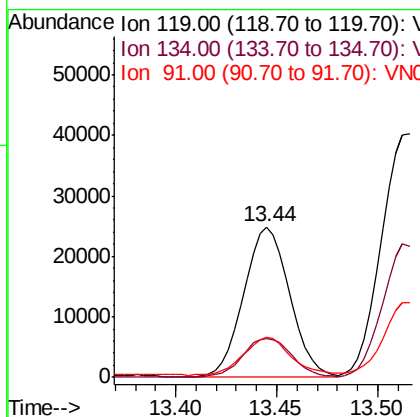
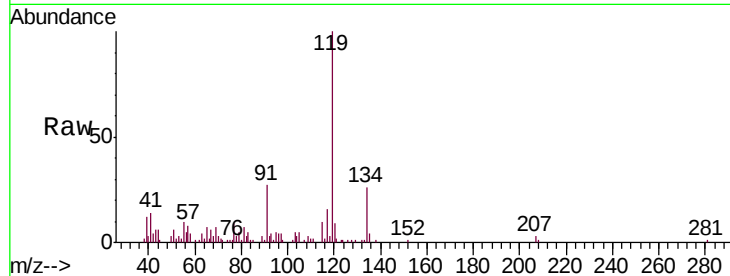




#86
 p-Isopropyltoluene
 Concen: 1.89 ug/l
 RT: 13.44 min Scan# 3687
 Delta R.T. 0.15 min
 Lab File: VN050084.D
 Acq: 26 Jul 2018 16:01

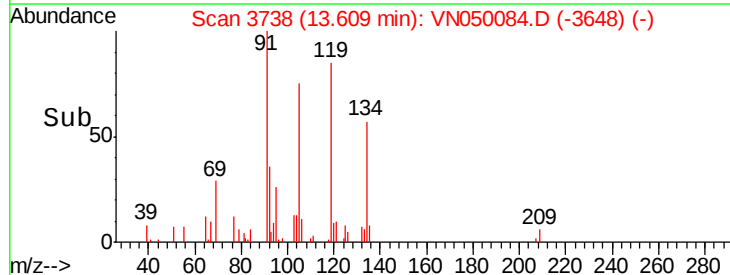
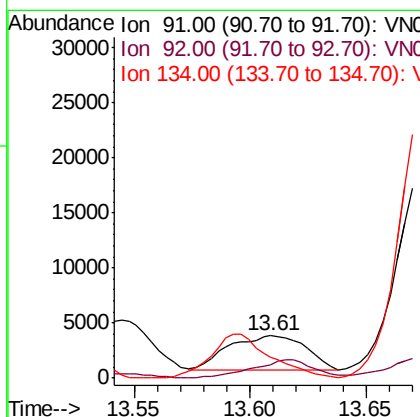
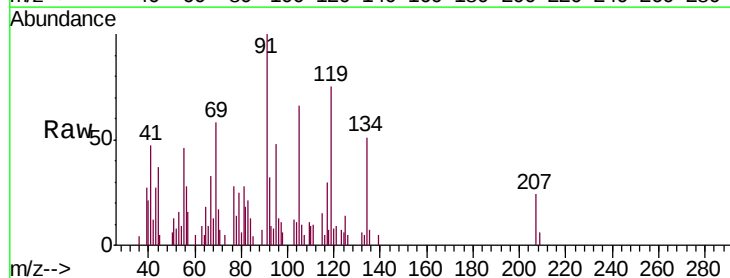
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

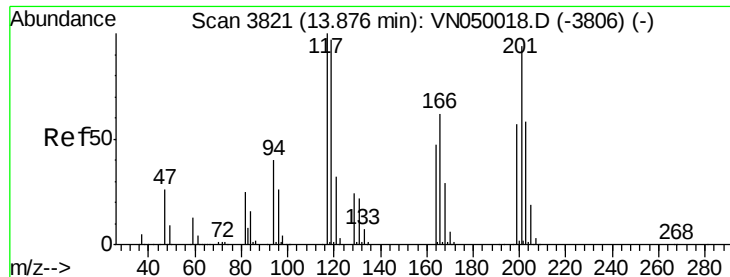
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.3	39.8
91	25.8	11.4	34.2



#89
 n-Butylbenzene
 Concen: 0.41 ug/l
 RT: 13.61 min Scan# 3738
 Delta R.T. -0.01 min
 Lab File: VN050084.D
 Acq: 26 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	42.3	25.8	77.4
134	0.0	12.8	38.4





#90

Hexachloroethane

Concen: 5.59 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

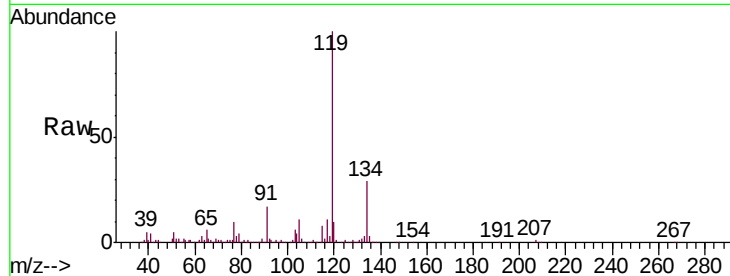
MW-4

Tot Ion:117 Resp: 26186

Ion Ratio Lower Upper

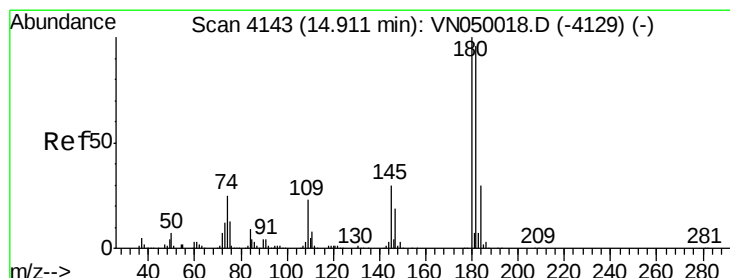
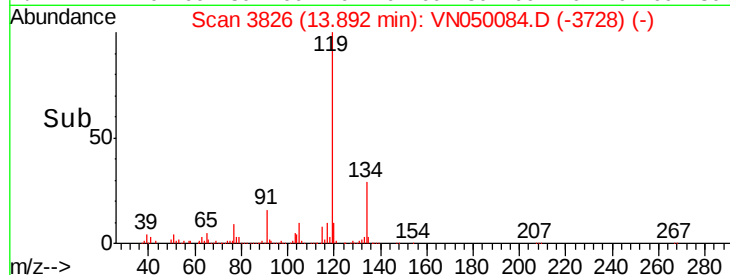
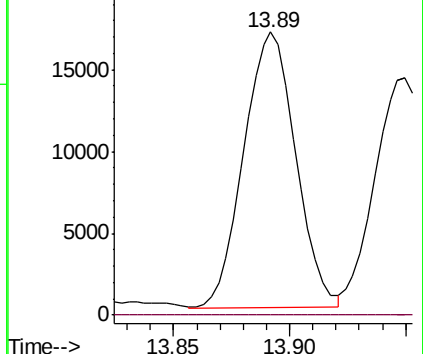
117 100

201 0.0 45.6 136.8#



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: 3.13 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

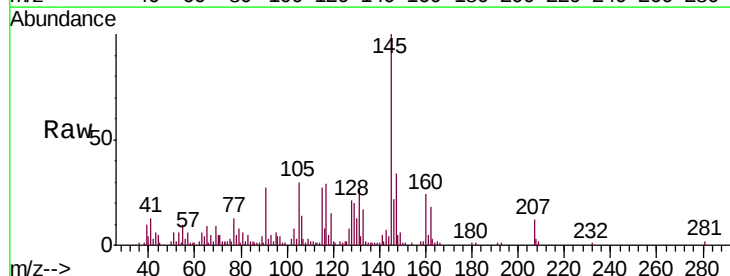
Tgt Ion:180 Resp: 352

Ion Ratio Lower Upper

180 100

182 153.4 46.7 140.1#

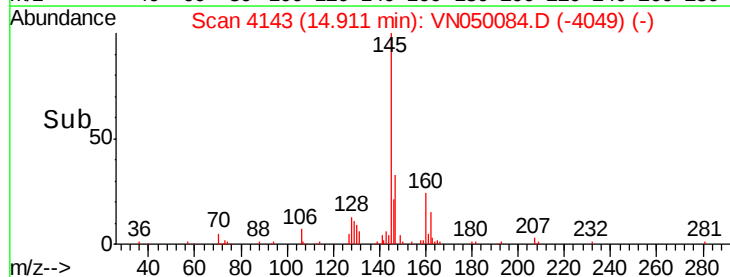
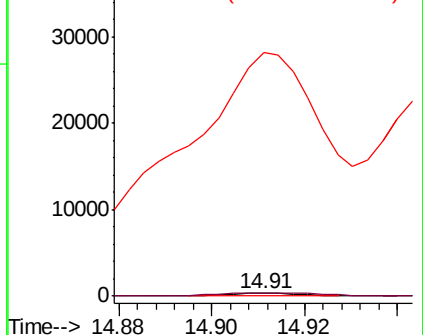
145 18389.2 13.8 41.4#

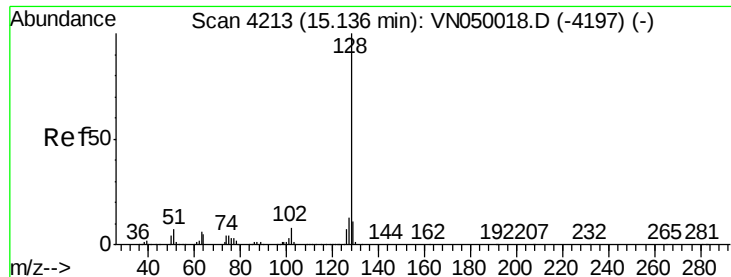


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.97 ug/l

RT: 15.10 min Scan# 4201

Delta R.T. -0.04 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

MW-4

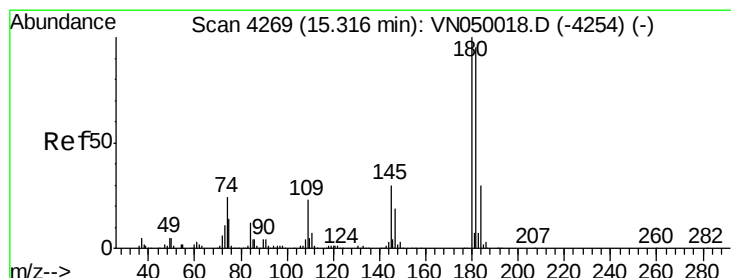
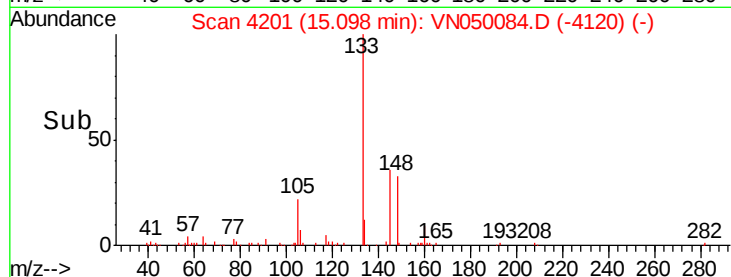
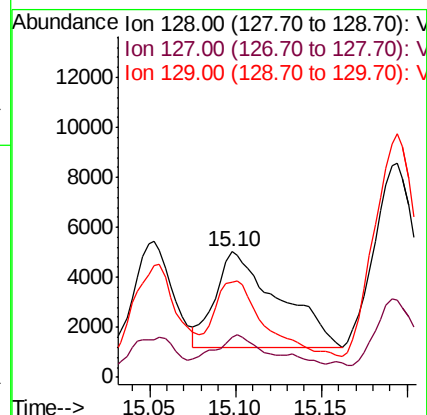
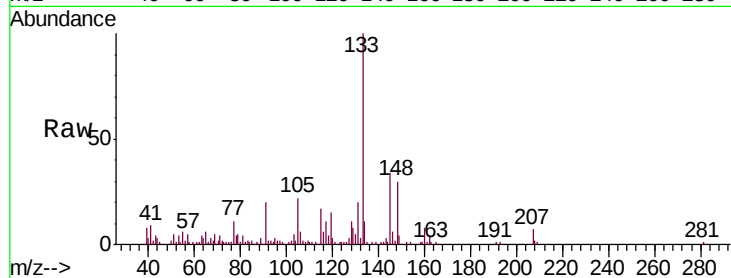
Tot Ion:128 Resp: 9765

Ion Ratio Lower Upper

128 100

127 15.4 10.4 15.6

129 63.8 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 2.25 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Tgt Ion:180 Resp: 284

Ion Ratio Lower Upper

180 100

182 96.8 48.1 144.4

145 0.0 15.3 45.9#

