

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050115.D
 Acq On : 27 Jul 2018 5:43
 Operator : MD\SY
 Sample : J4184-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11B

Quant Time: Jul 27 07:57:40 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	790127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1229849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1057386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	479114	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	512682	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
35) Dibromofluoromethane	7.60	113	457354	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
50) Toluene-d8	10.09	98	1690754	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
62) 4-Bromofluorobenzene	12.40	95	534546	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	

Target Compounds

						Qvalue
5) Bromomethane	2.57	94	404	Below Cal	#	34
11) Tert butyl alcohol	4.80	59	188	0.23	ug/l #	72
16) Acetone	3.83	43	35128	9.35	ug/l	89
17) Carbon Disulfide	4.05	76	7119	0.26	ug/l	98
18) Methyl Acetate	4.34	43	10776	Below Cal		96
20) Methylene Chloride	4.54	84	99	Below Cal	#	2
25) 2-Butanone	6.85	43	4317	1.03	ug/l	98
31) Cyclohexane	7.67	56	13829	0.84	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	53452	3.86	ug/l #	49
38) Carbon Tetrachloride	7.67	117	70940	4.83	ug/l #	16
40) Benzene	8.04	78	80658	1.91	ug/l	98
43) Isopropyl Acetate	8.27	43	188720	9.44	ug/l #	61
52) Toluene	10.16	92	77286	3.11	ug/l	98
59) 2-Hexanone	10.76	43	36	5.18	ug/l	65
67) Ethyl Benzene	11.51	91	132349	3.08	ug/l	99
68) m/p-Xylenes	11.62	106	247301	15.24	ug/l	99
69) o-Xylene	11.95	106	95687	6.19	ug/l	99
70) Styrene	11.96	104	12030	1.35	ug/l #	1
73) Isopropylbenzene	12.25	105	54367	1.46	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	113	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	257990	28.97	ug/l #	100
77) Bromobenzene	12.55	156	25436	2.47	ug/l #	1
79) 2-Chlorotoluene	12.66	91	74166	2.88	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	49657	1.70	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	257990	91.90	ug/l #	13
82) 4-Chlorotoluene	12.73	91	5621	0.22	ug/l #	41
83) tert-Butylbenzene	13.04	119	17179	0.67	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	137645	4.67	ug/l	100
85) sec-Butylbenzene	13.24	105	19615	0.58	ug/l #	1
86) p-Isopropyltoluene	13.29	119	116493	4.06	ug/l	99
89) n-Butylbenzene	13.59	91	4793	0.20	ug/l #	1
90) Hexachloroethane	13.89	117	1953	0.31	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	628	Below Cal	#	49
93) 1,2,4-Trichlorobenzene	14.92	180	177	3.10	ug/l #	1

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QLast Update : Thu Jul 26 18:10:10 2018
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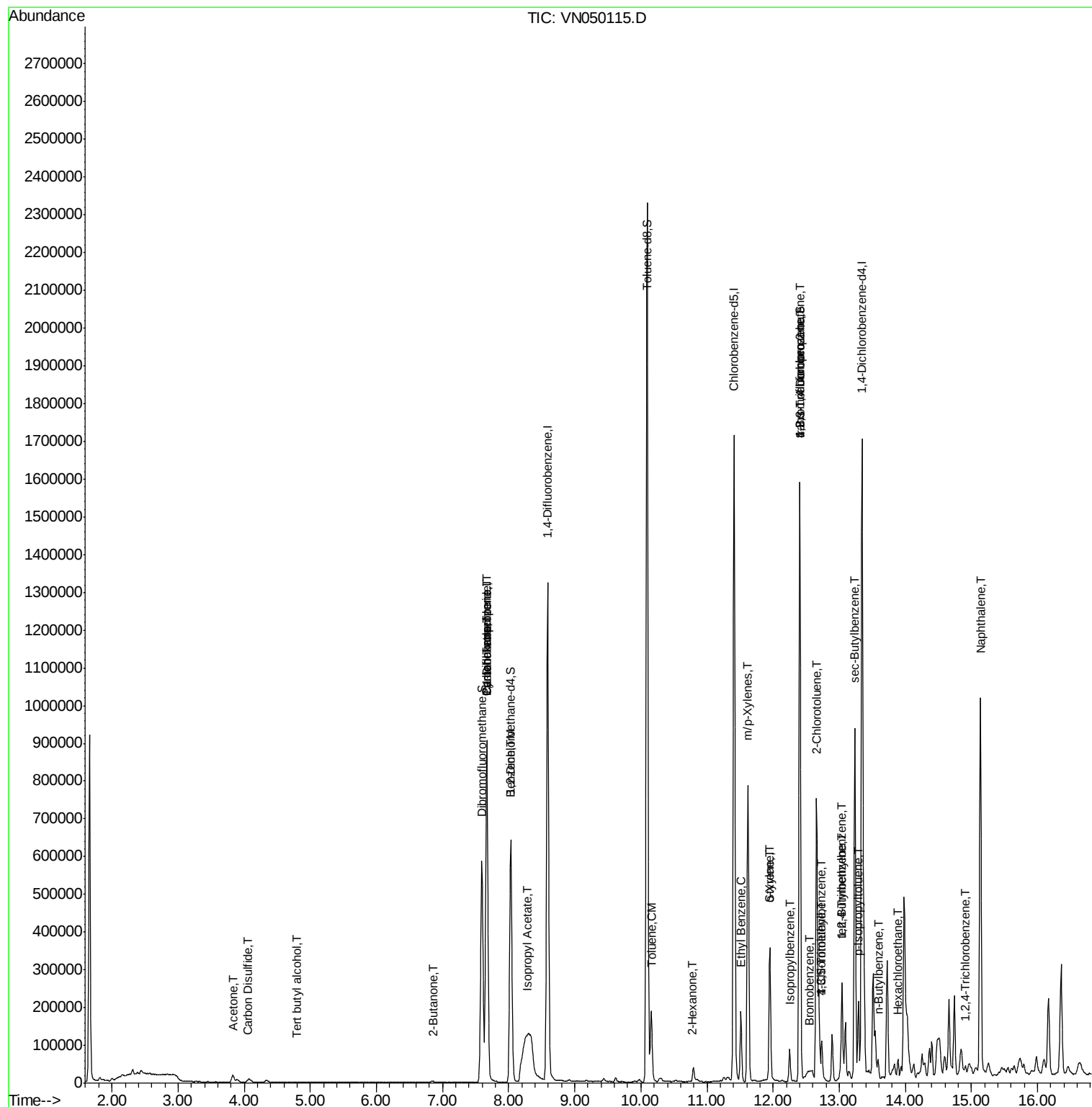
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	870161	40.67	ug/l	99

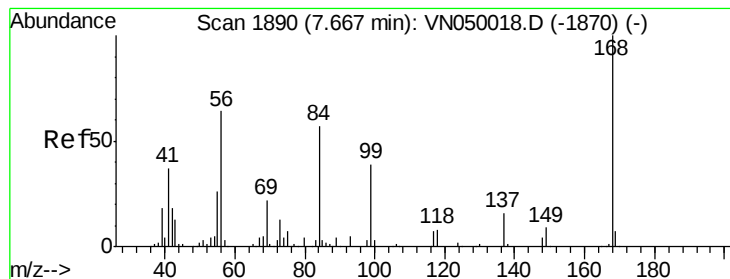
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
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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: VN050115.D

Acq: 27 Jul 2018 5:43

Instrument :

MSVOA_N

ClientSampled :

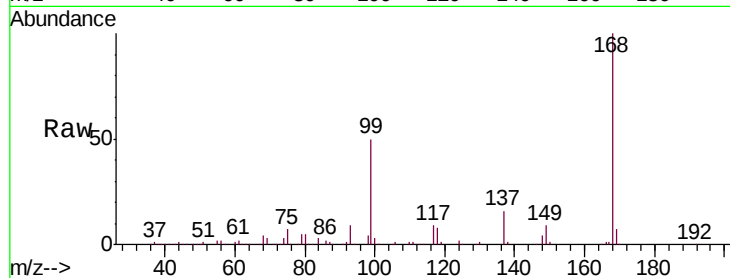
MW-11B

Tot Ion:168 Resp: 790127

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

300000

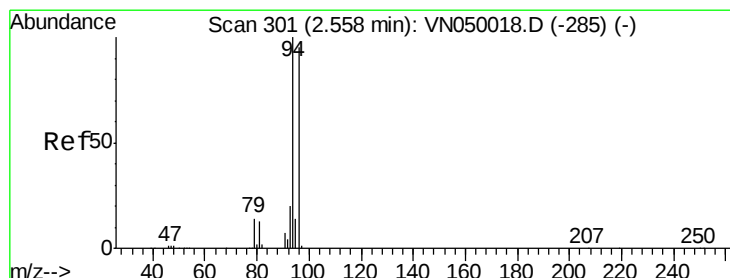
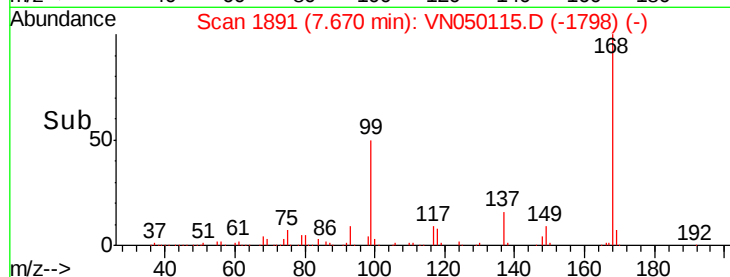
200000

100000

0

Time-->

7.60 7.70 7.80



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: VN050115.D

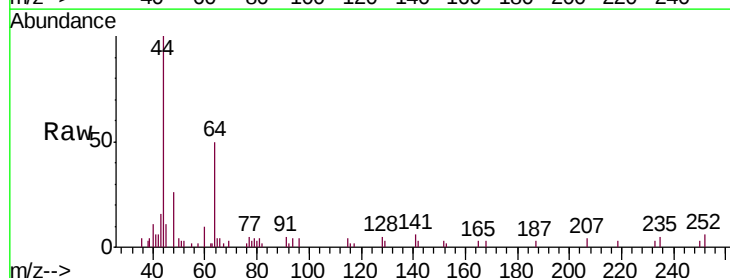
Acq: 27 Jul 2018 5:43

Tgt Ion: 94 Resp: 404

Ion Ratio Lower Upper

94 100

96 29.8 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

300

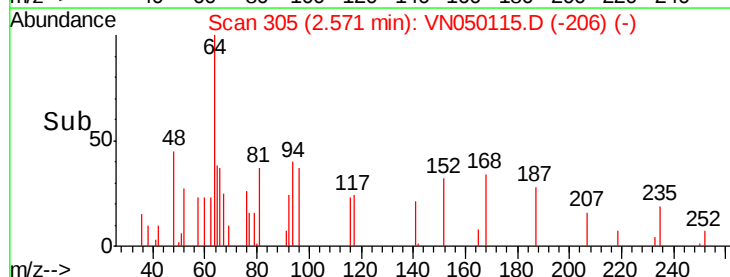
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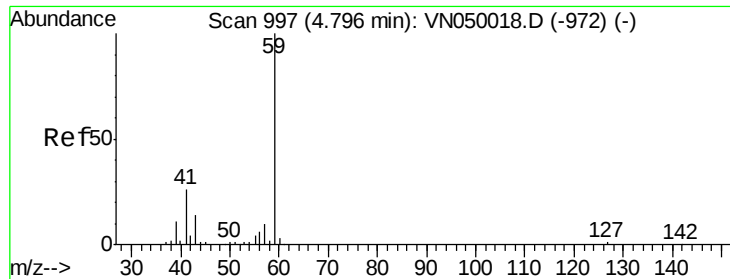
100

0

Time-->

2.54 2.56 2.58



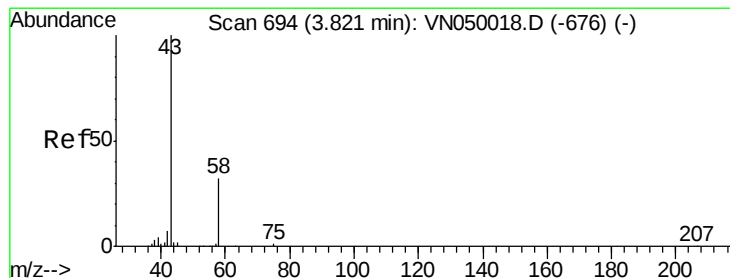
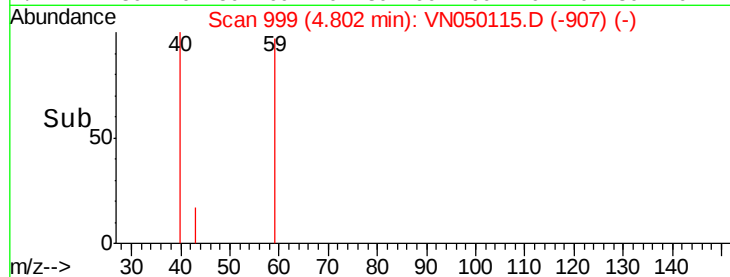
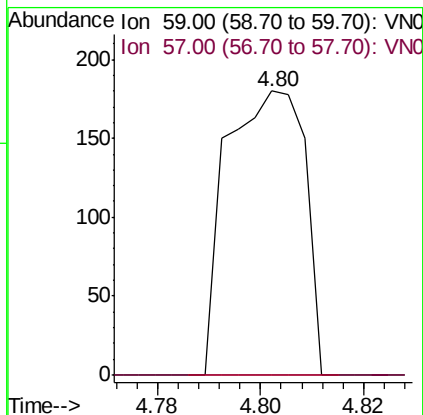
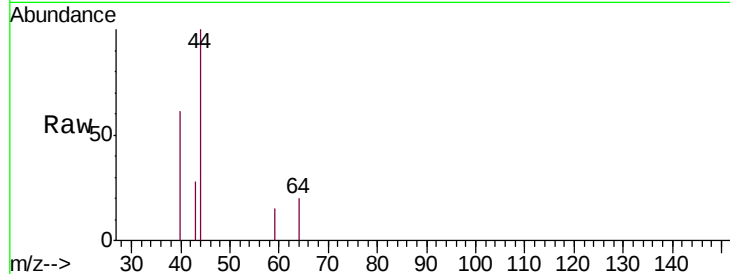


#11

Tert butyl alcohol
 Concen: 0.23 ug/l
 RT: 4.80 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN050115.D
 Acq: 27 Jul 2018 5:43

Instrument :
 MSVOA_N
 ClientSampled :
 MW-11B

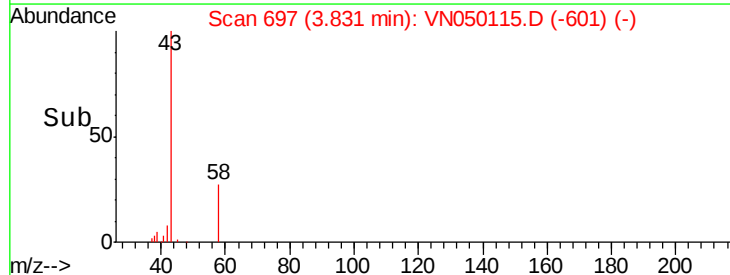
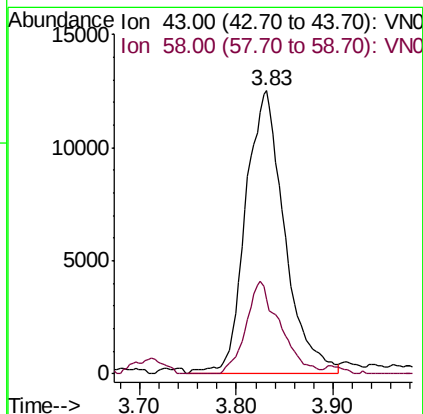
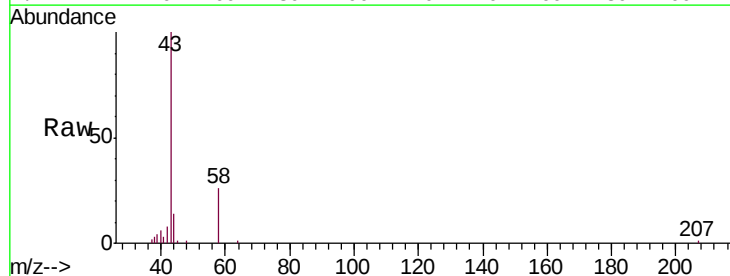
Tot Ion: 59 Resp: 188
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

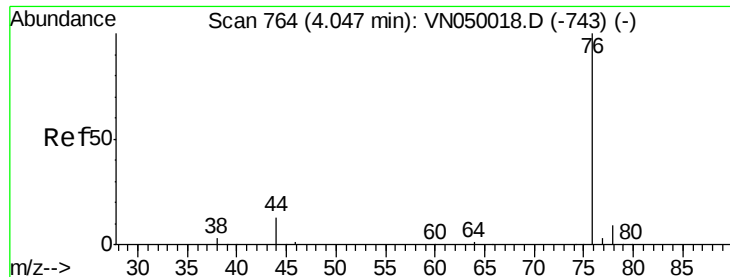


#16

Acetone
 Concen: 9.35 ug/l
 RT: 3.83 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VN050115.D
 Acq: 27 Jul 2018 5:43

Tgt Ion: 43 Resp: 35128
 Ion Ratio Lower Upper
 43 100
 58 26.3 25.8 38.8

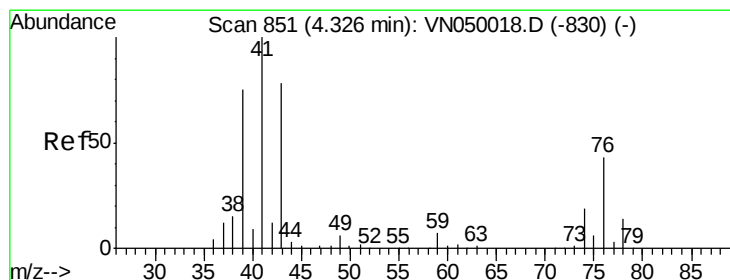
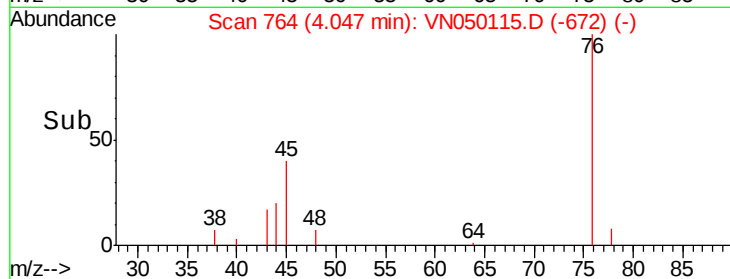
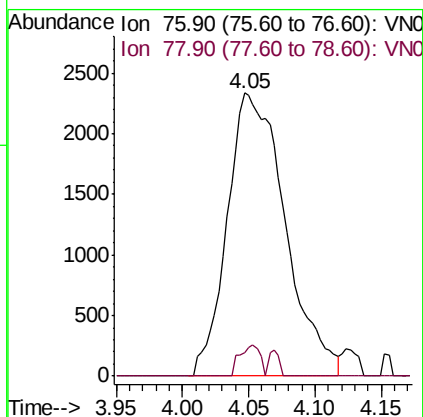
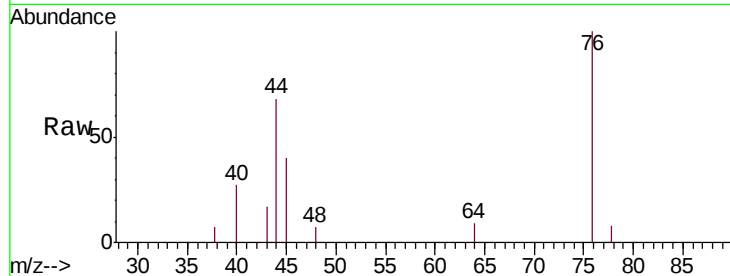




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

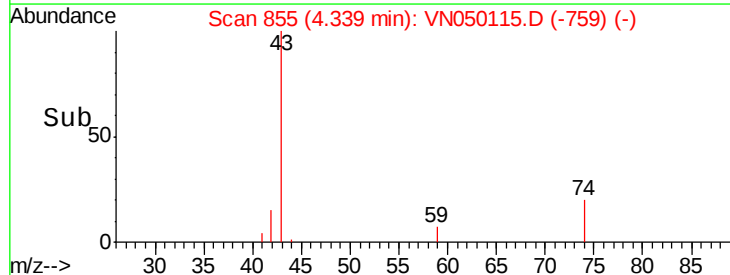
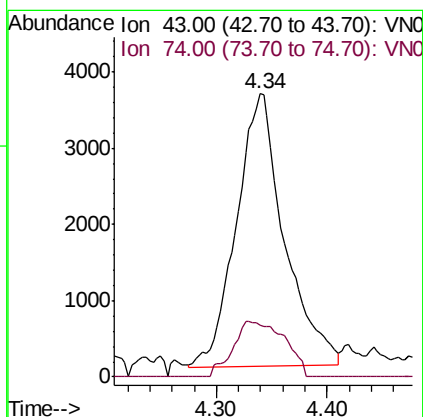
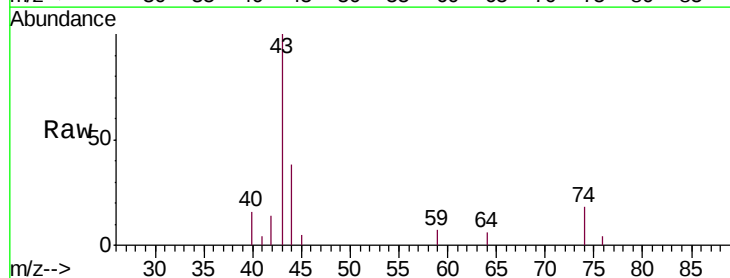
Instrument :
MSVOA_N
ClientSampled :
MW-11B

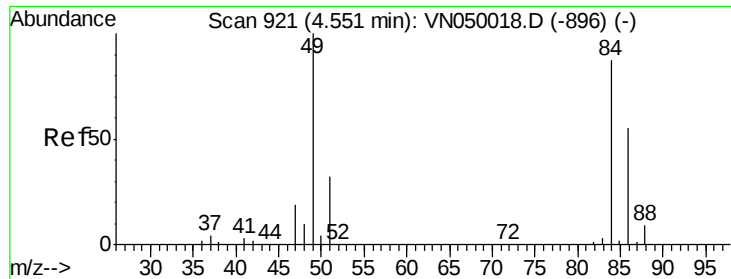
Tot Ion: 76 Resp: 7119
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

Tgt Ion: 43 Resp: 10776
Ion Ratio Lower Upper
43 100
74 22.0 19.2 28.8

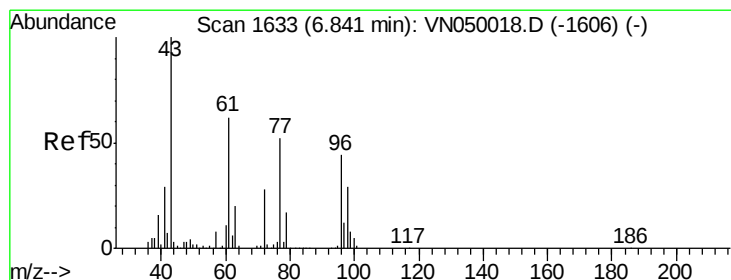
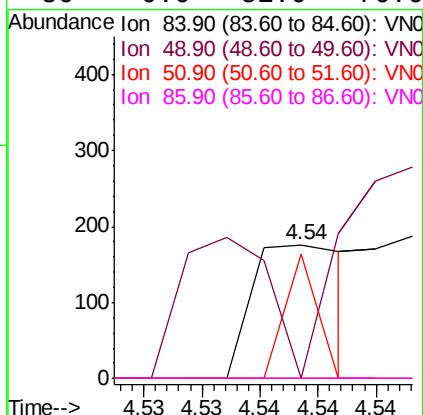
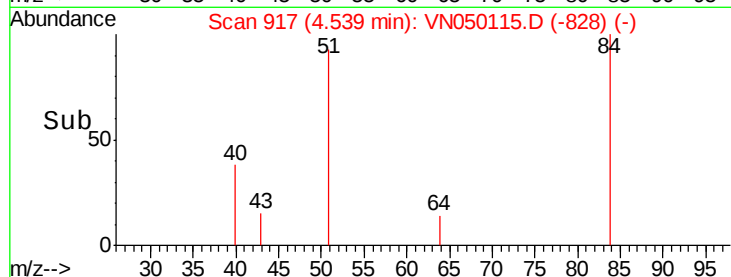
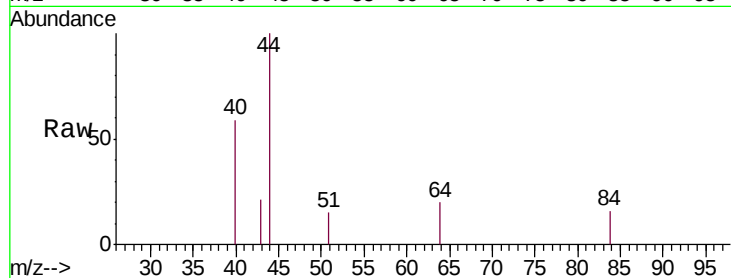




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

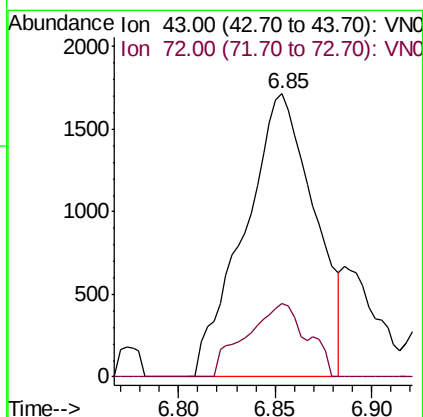
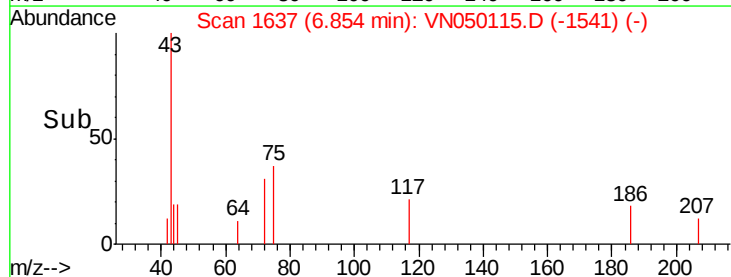
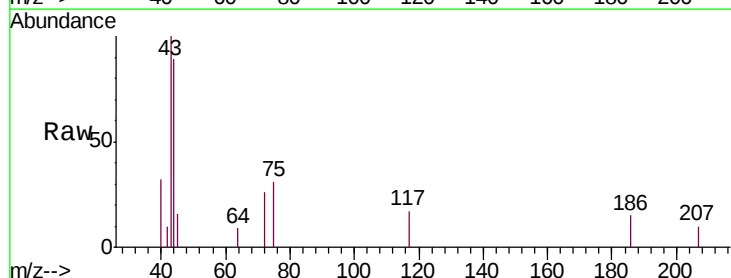
Instrument :
MSVOA_N
ClientSampled :
MW-11B

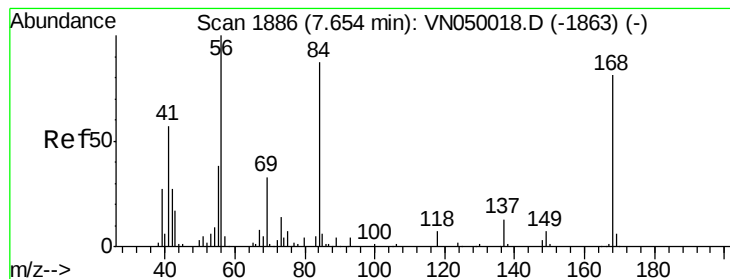
Tot Ion: 84 Resp: 99
Ion Ratio Lower Upper
84 100
49 0.0 94.8 142.2#
51 92.6 28.3 42.5#
86 0.0 51.0 76.6#



#25
2-Butanone
Concen: 1.03 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

Tgt Ion: 43 Resp: 4317
Ion Ratio Lower Upper
43 100
72 26.0 21.5 32.3





#31

Cyclohexane

Concen: 0.84 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

Instrument :

MSVOA_N

ClientSampled :

MW-11B

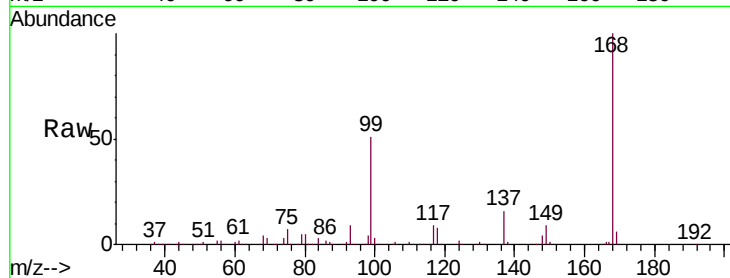
Tot Ion: 56 Resp: 13829

Ion Ratio Lower Upper

56 100

69 207.9 26.2 39.4#

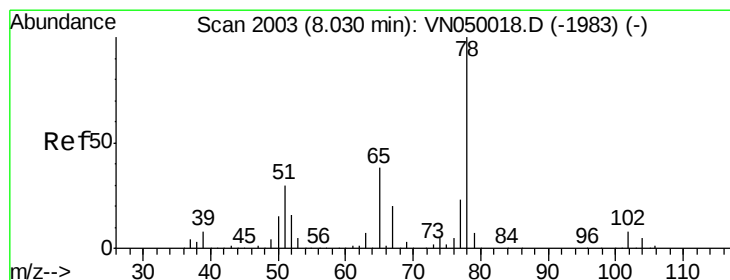
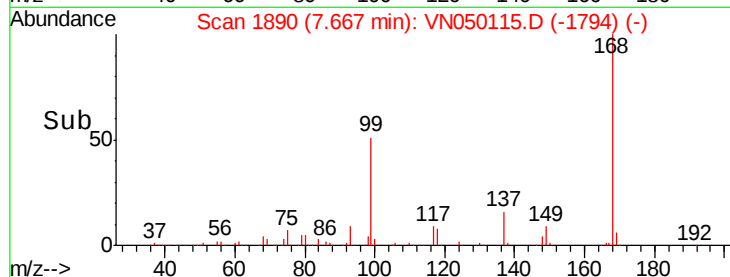
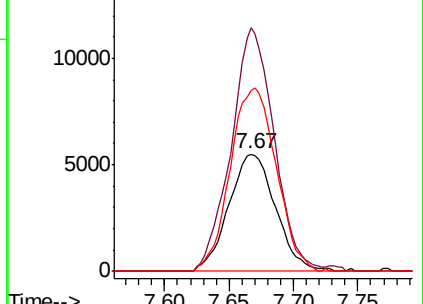
84 154.0 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 46.51 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050115.D

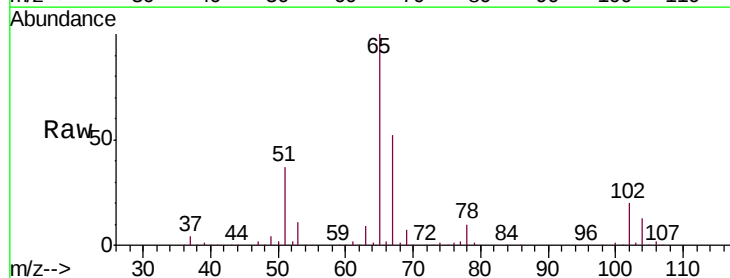
Acq: 27 Jul 2018 5:43

Tgt Ion: 65 Resp: 512682

Ion Ratio Lower Upper

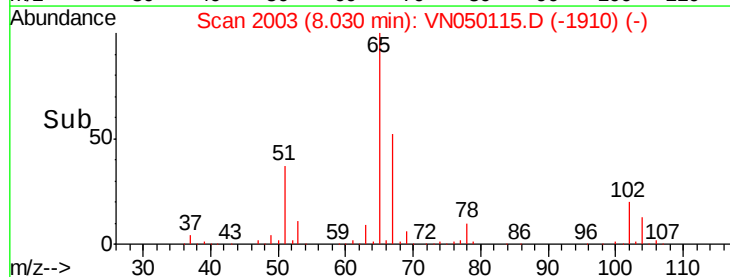
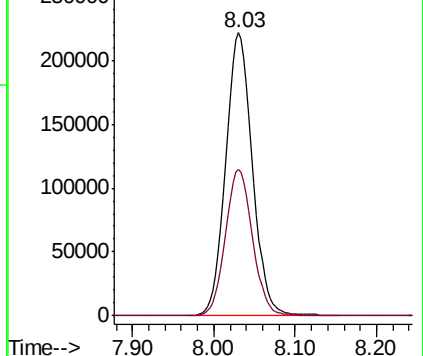
65 100

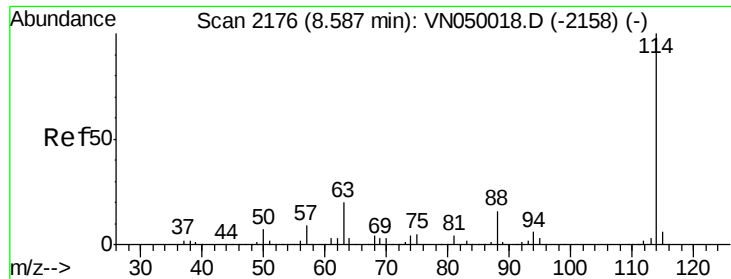
67 52.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

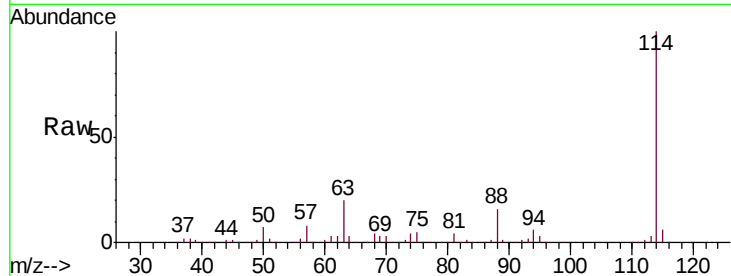




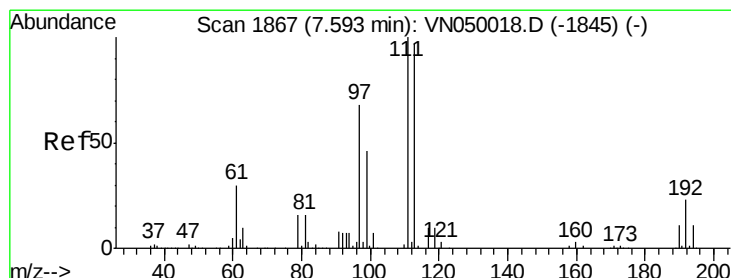
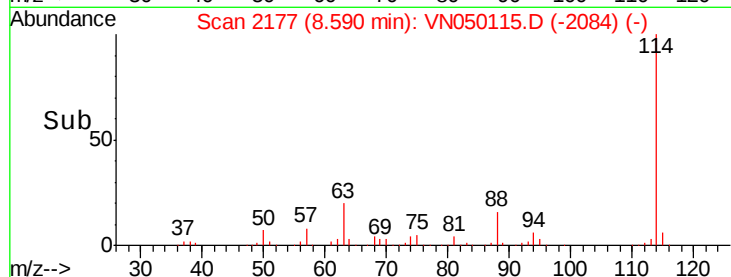
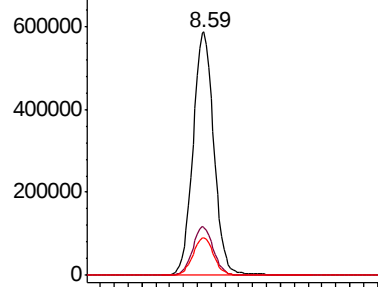
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050115.D
 Acq: 27 Jul 2018 5:43

Instrument :
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 ClientSampleId :
 MW-11B

Tot Ion:114 Resp: 1229849
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.6 0.0 31.2

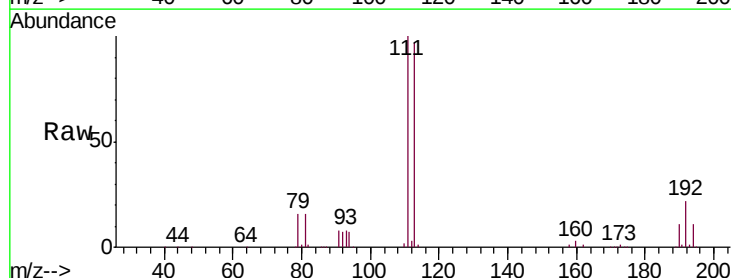


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

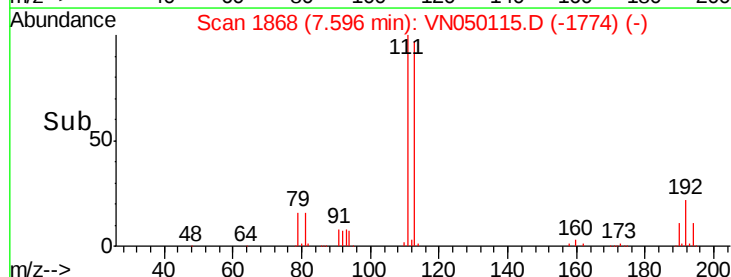
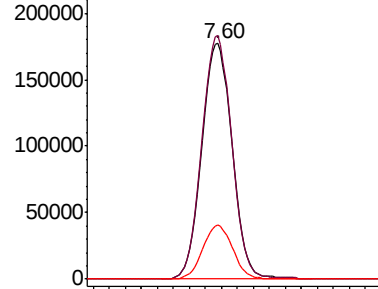


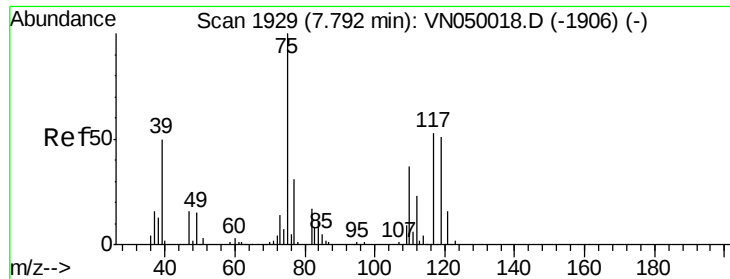
#35
 Dibromofluoromethane
 Concen: 45.55 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050115.D
 Acq: 27 Jul 2018 5:43

Tgt Ion:113 Resp: 457354
 Ion Ratio Lower Upper
 113 100
 111 101.4 80.7 121.1
 192 22.4 17.8 26.6



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





#36

1,1-Dichloropropene

Concen: 3.86 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

MW-11B

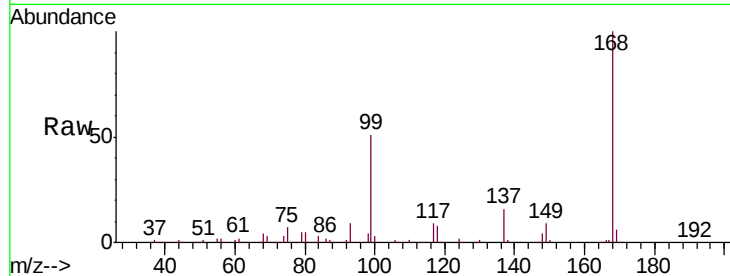
Tot Ion: 75 Resp: 53452

Ion Ratio Lower Upper

75 100

110 9.1 18.4 55.2#

77 0.0 25.3 37.9#

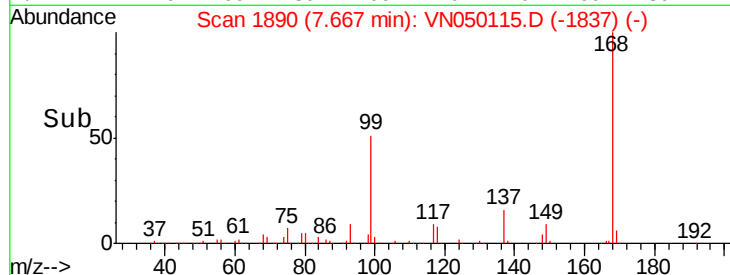


Abundance Ion 74.90 (74.60 to 75.60): VN050115.D (-1837) (-)

Ion 109.90 (109.60 to 110.60): VN050115.D (-1837) (-)

Ion 76.90 (76.60 to 77.60): VN050115.D (-1837) (-)

Time-->



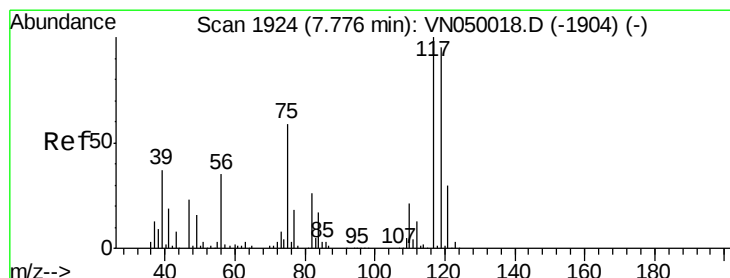
Abundance

Ion 74.90 (74.60 to 75.60): VN050115.D (-1837) (-)

Ion 109.90 (109.60 to 110.60): VN050115.D (-1837) (-)

Ion 76.90 (76.60 to 77.60): VN050115.D (-1837) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.83 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

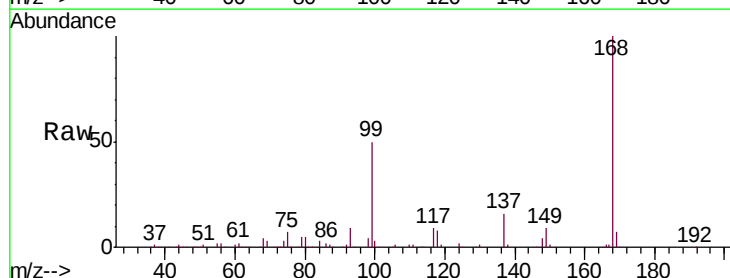
Tgt Ion: 117 Resp: 70940

Ion Ratio Lower Upper

117 100

119 5.8 77.4 116.0#

121 0.0 23.9 35.9#

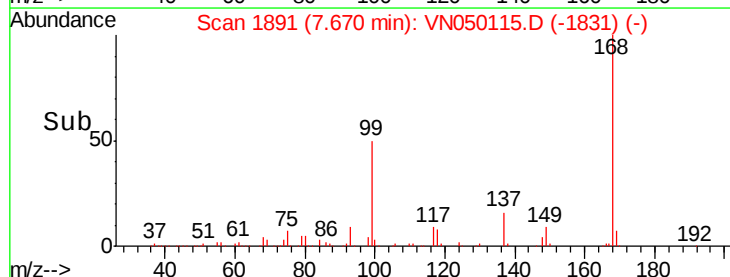


Abundance Ion 116.80 (116.50 to 117.50): VN050115.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN050115.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN050115.D (-1831) (-)

Time-->



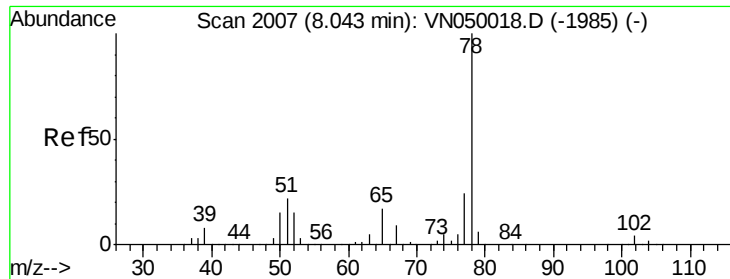
Abundance

Ion 116.80 (116.50 to 117.50): VN050115.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN050115.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN050115.D (-1831) (-)

Time-->



#40

Benzene

Concen: 1.91 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

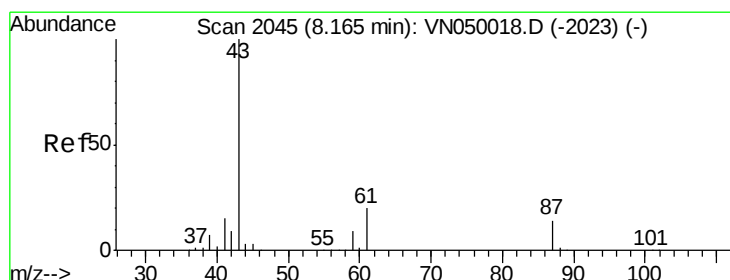
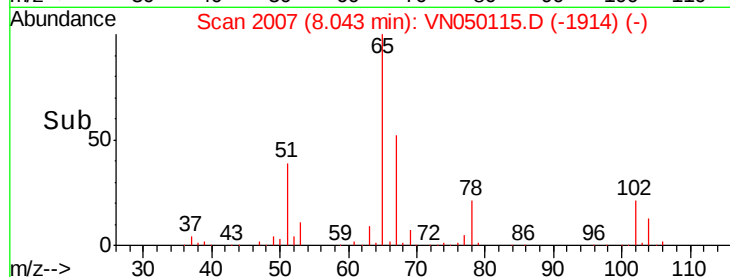
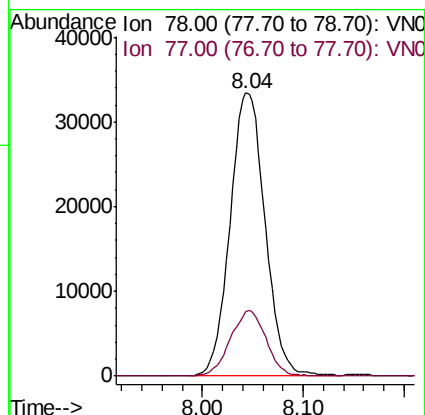
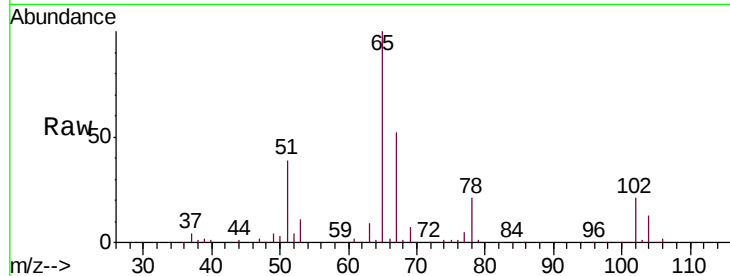
MW-11B

Tot Ion: 78 Resp: 80658

Ion Ratio Lower Upper

78 100

77 22.6 18.7 28.1



#43

Isopropyl Acetate

Concen: 9.44 ug/l

RT: 8.27 min Scan# 2077

Delta R.T. 0.10 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

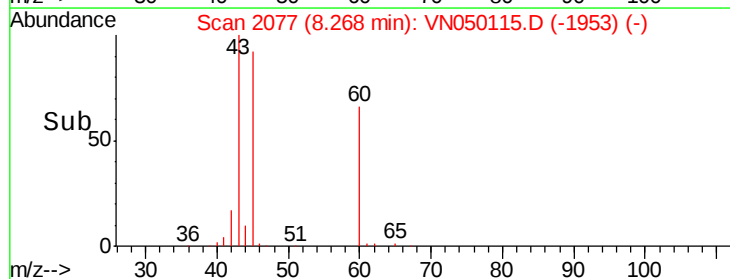
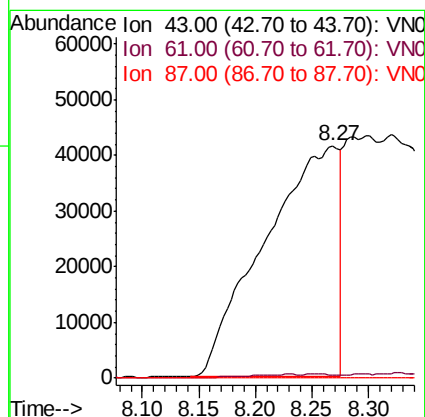
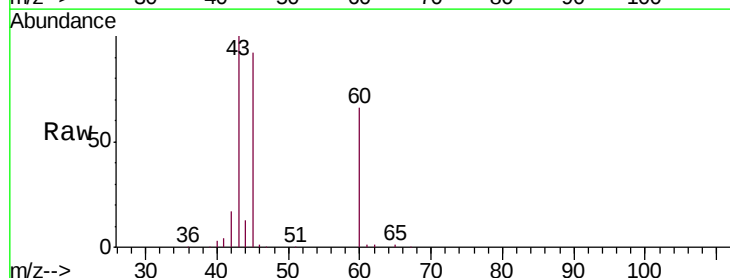
Tgt Ion: 43 Resp: 188720

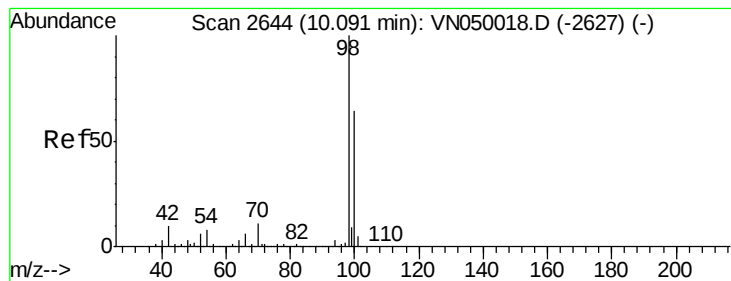
Ion Ratio Lower Upper

43 100

61 0.3 15.8 23.6#

87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 45.80 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

Instrument :

MSVOA_N

ClientSampled :

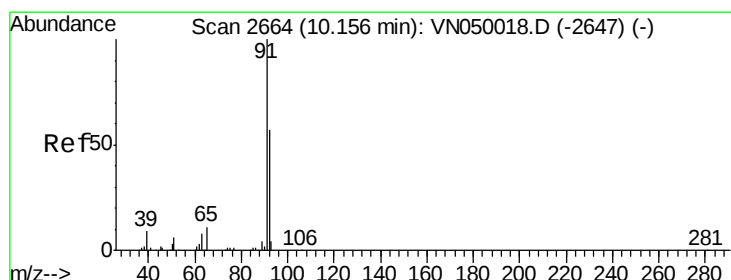
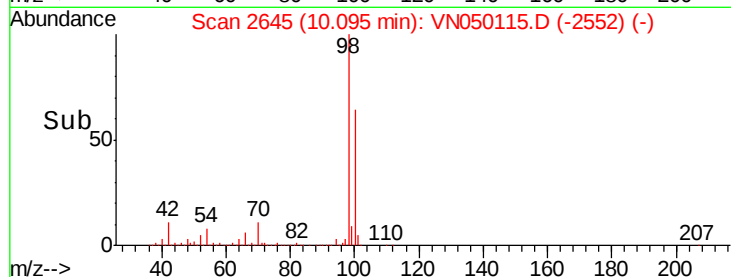
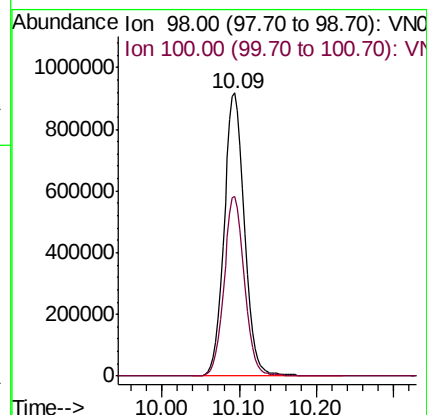
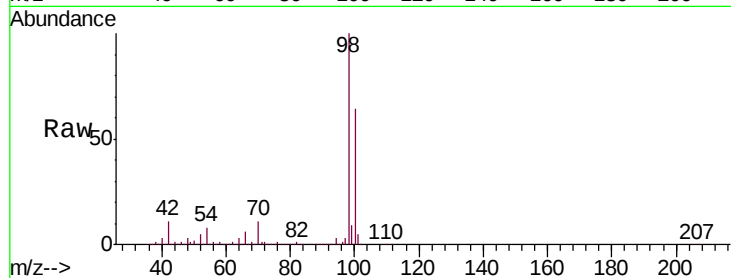
MW-11B

Tot Ion: 98 Resp: 1690754

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#52

Toluene

Concen: 3.11 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050115.D

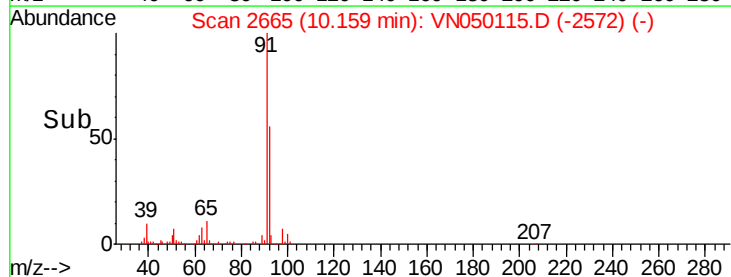
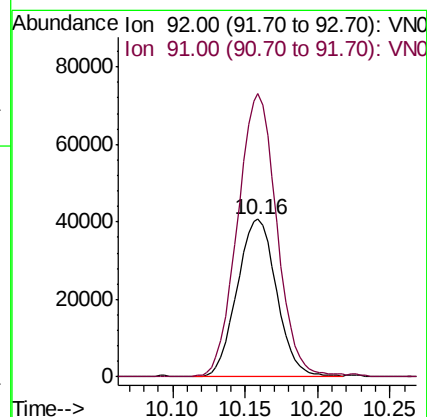
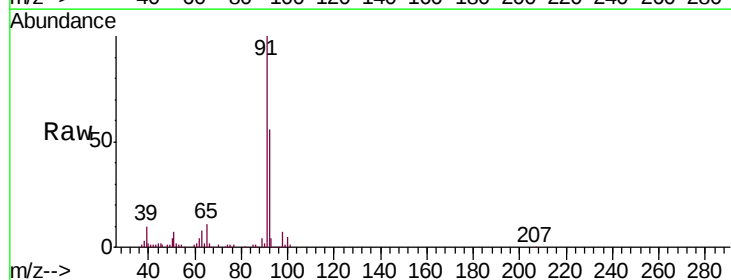
Acq: 27 Jul 2018 5:43

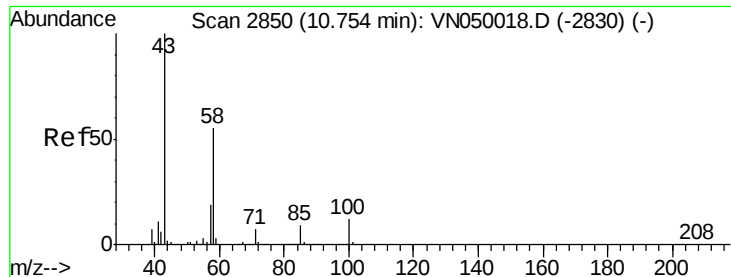
Tgt Ion: 92 Resp: 77286

Ion Ratio Lower Upper

92 100

91 178.5 140.3 210.5

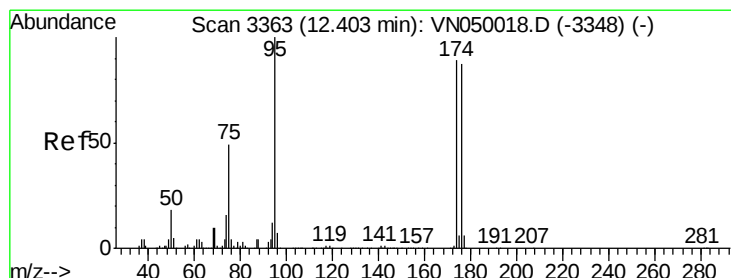
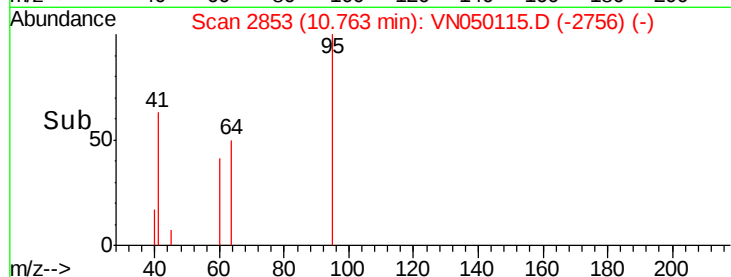
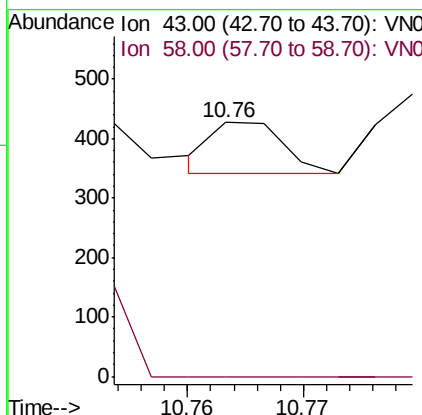
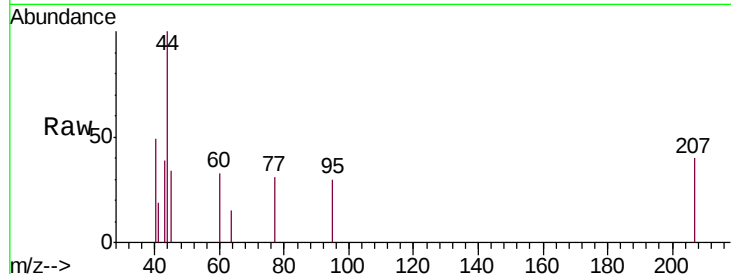




#59
2-Hexanone
Concen: 5.18 ug/l
RT: 10.76 min Scan# 2853
Delta R.T. 0.01 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

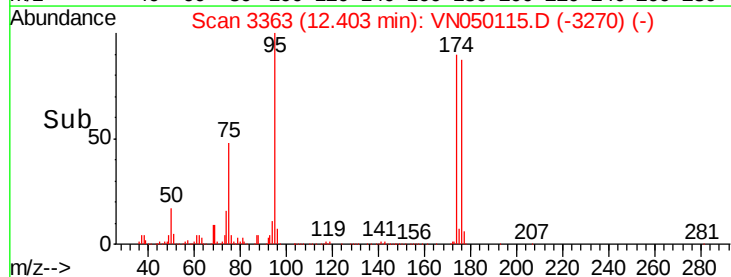
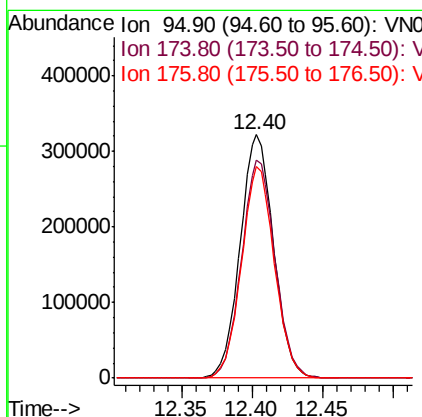
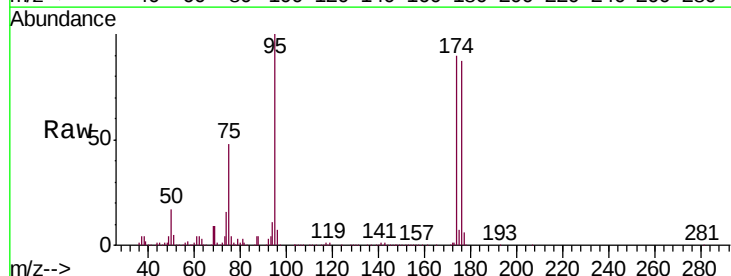
Instrument :
MSVOA_N
ClientSampled :
MW-11B

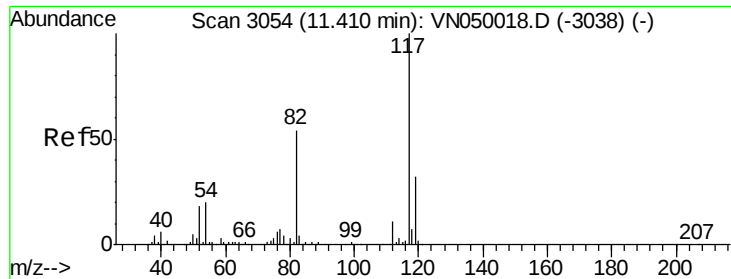
Tot Ion: 43 Resp: 36
Ion Ratio Lower Upper
43 100
58 80.6 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 43.98 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

Tgt Ion: 95 Resp: 534546
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 85.8 0.0 173.4

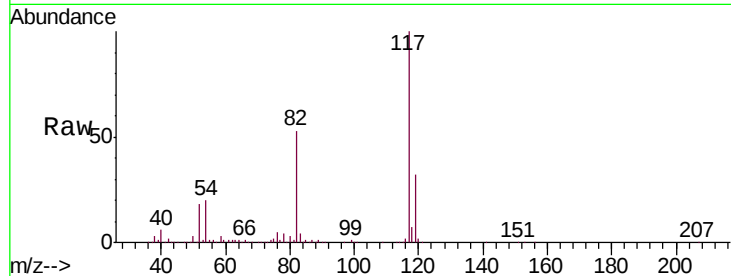




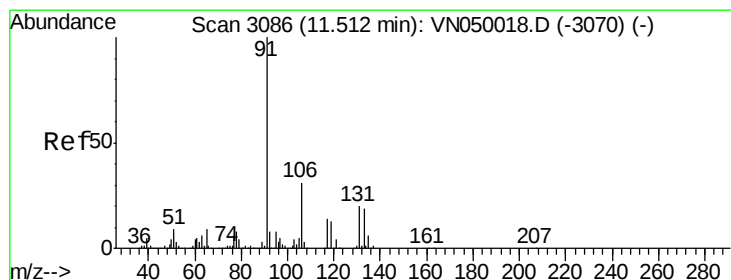
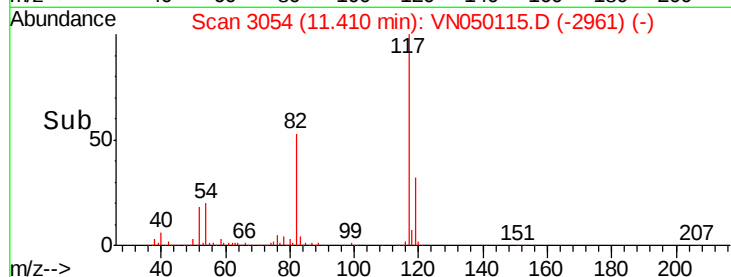
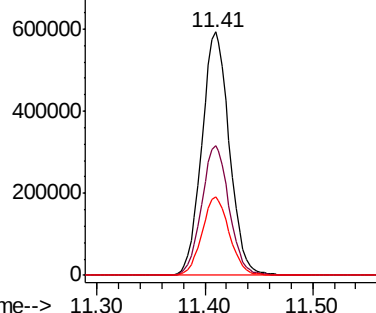
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
MW-11B

Tot Ion:117 Resp: 1057386
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 32.3 26.1 39.1

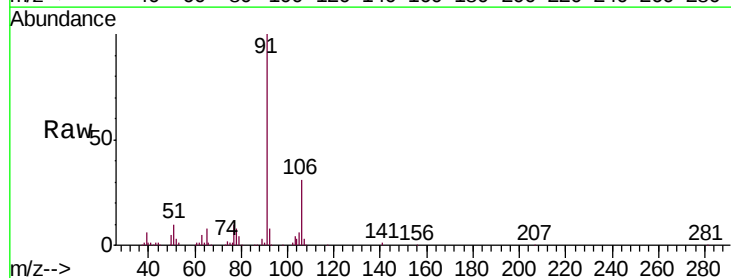


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V

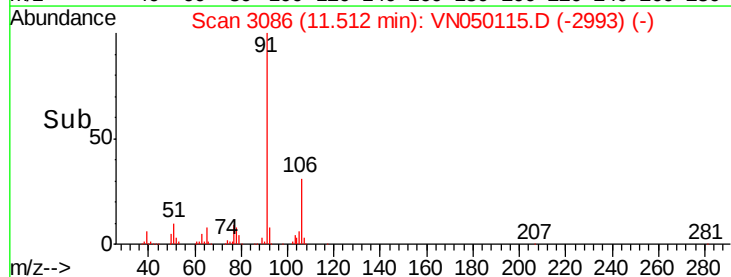
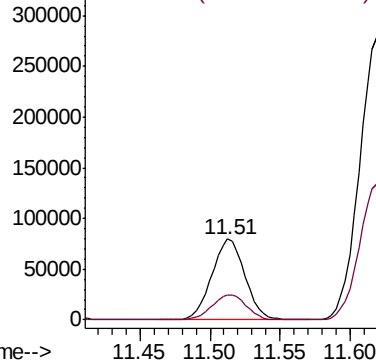


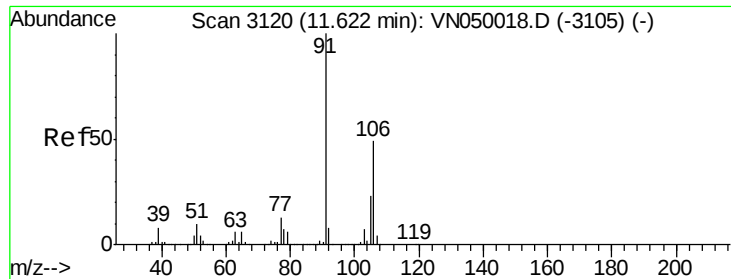
#67
Ethyl Benzene
Concen: 3.08 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

Tgt Ion: 91 Resp: 132349
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 106.00 (105.70 to 106.70): V

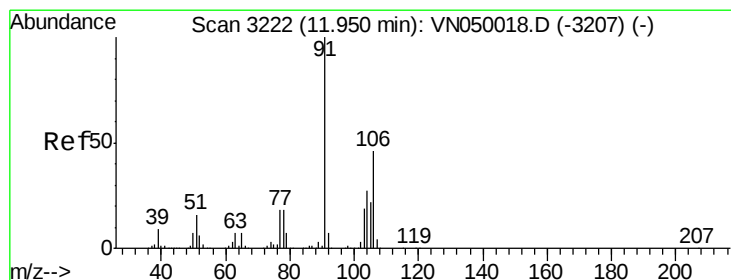
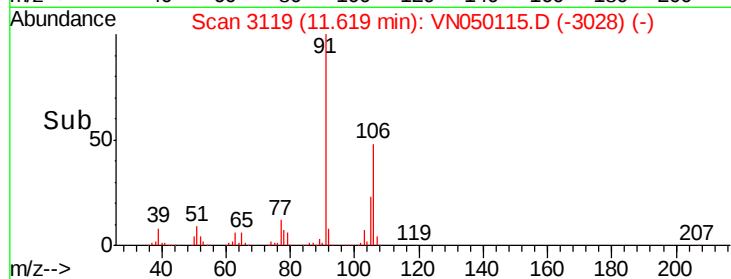
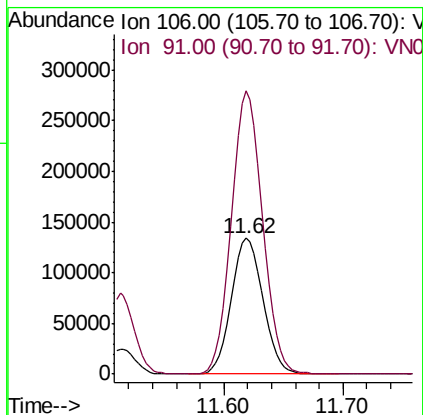
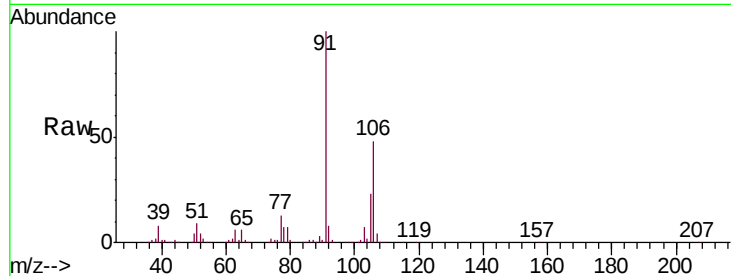




#68
m/p-Xylenes
Concen: 15.24 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

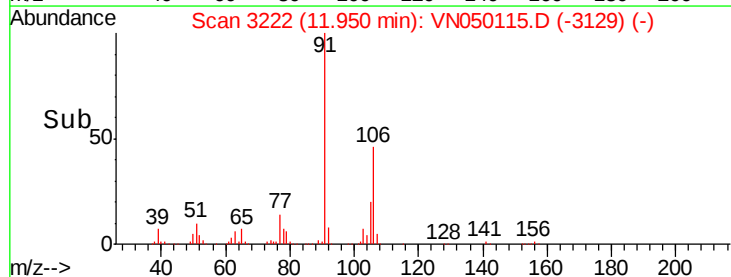
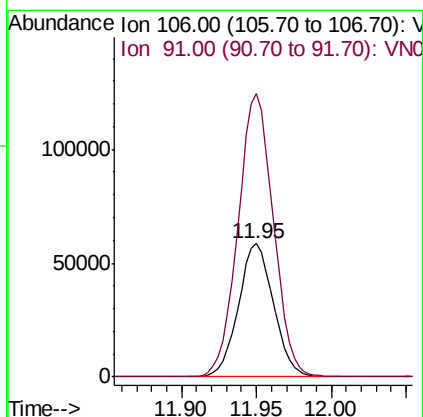
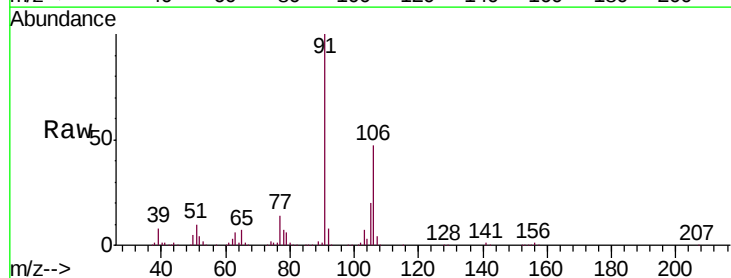
Instrument :
MSVOA_N
ClientSampled :
MW-11B

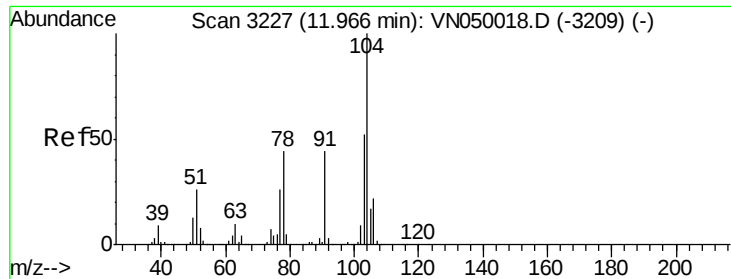
Tot Ion:106 Resp: 247301
Ion Ratio Lower Upper
106 100
91 204.1 162.2 243.2



#69
o-Xylene
Concen: 6.19 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

Tgt Ion:106 Resp: 95687
Ion Ratio Lower Upper
106 100
91 213.3 107.7 323.1





#70

Stvrene

Concen: 1.35 ug/l

RT: 11.96 min Scan# 3224

Delta R.T. -0.01 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

MW-11B

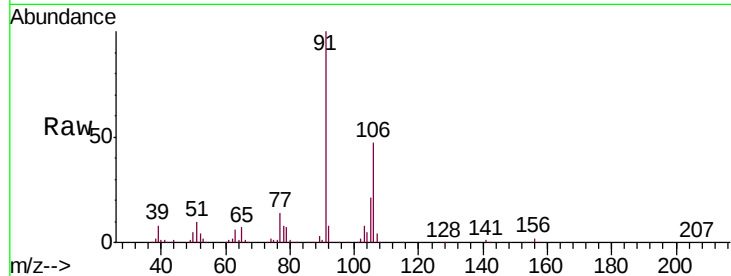
Tot Ion:104 Resp: 12030

Ion Ratio Lower Upper

104 100

78 142.6 39.3 58.9#

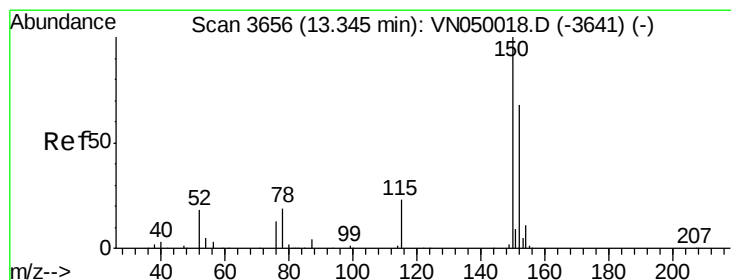
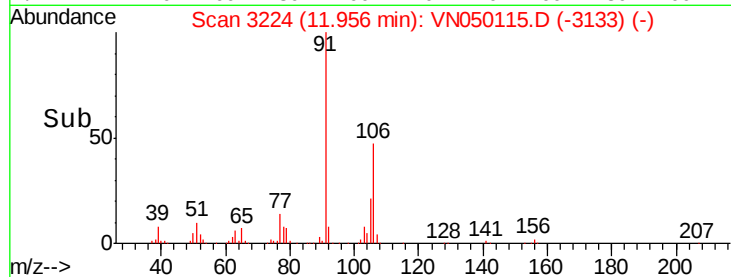
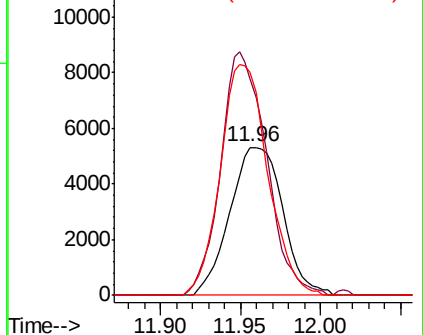
103 139.9 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): 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: VN050115.D

Acq: 27 Jul 2018 5:43

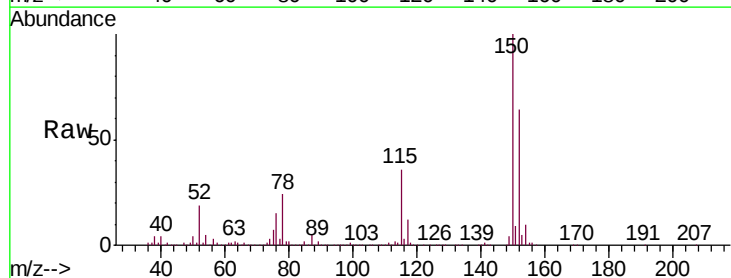
Tgt Ion:152 Resp: 479114

Ion Ratio Lower Upper

152 100

115 57.0 27.8 83.3

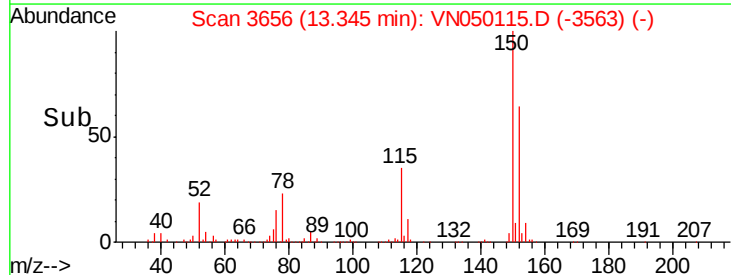
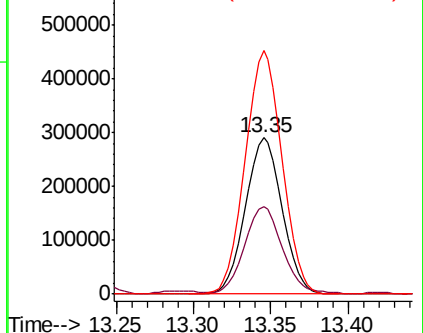
150 156.5 0.0 348.6

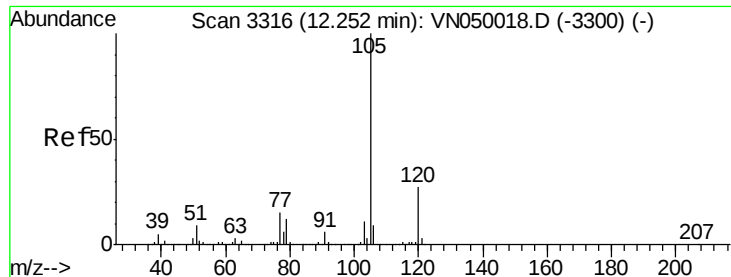


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.46 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

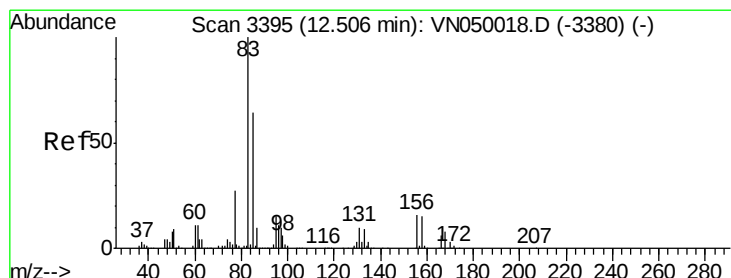
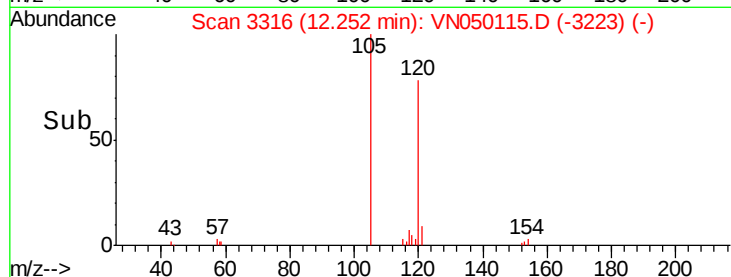
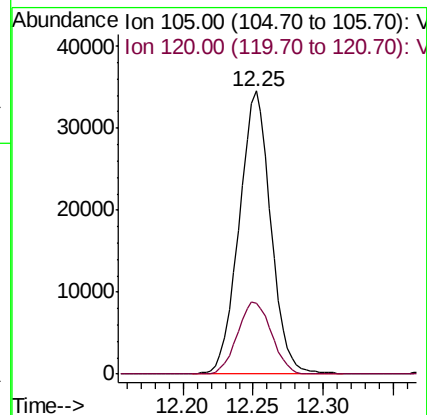
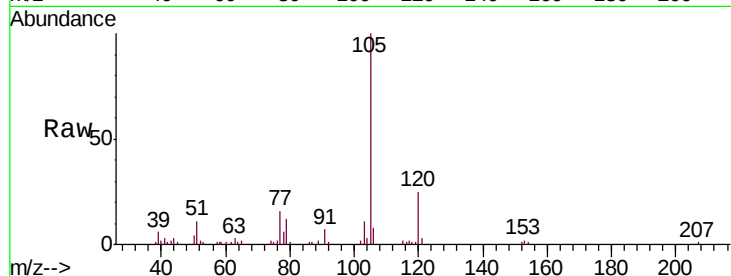
MW-11B

Tot Ion:105 Resp: 54367

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

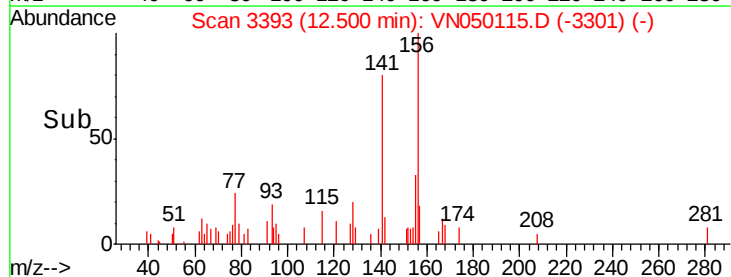
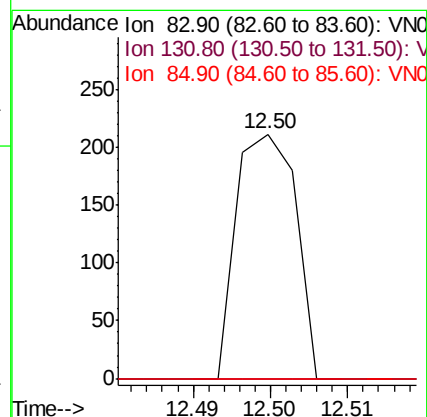
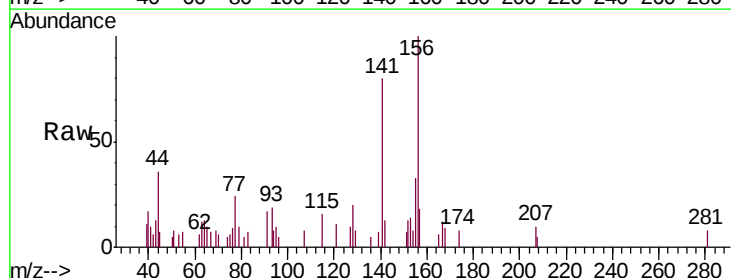
Tgt Ion: 83 Resp: 113

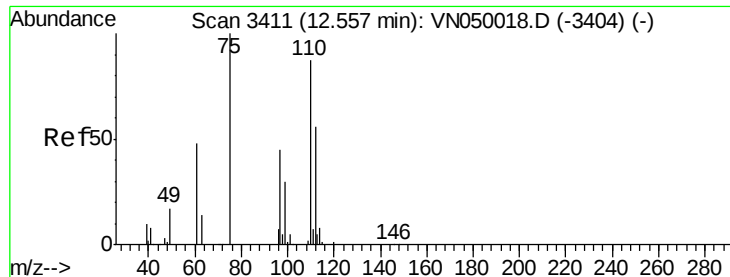
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 28.97 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

Instrument :

MSVOA_N

ClientSampled :

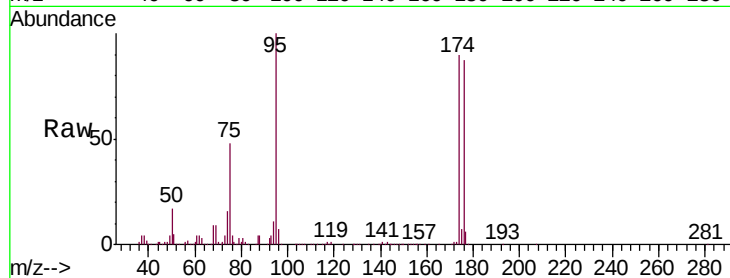
MW-11B

Tot Ion: 75 Resp: 257990

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

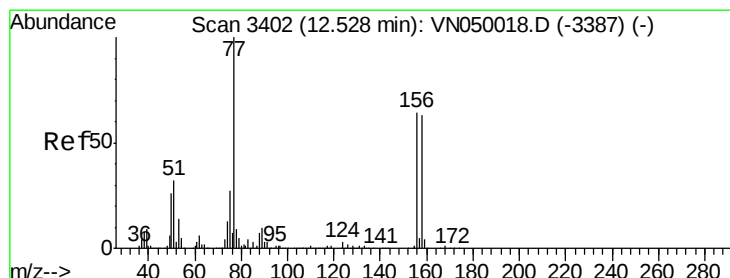
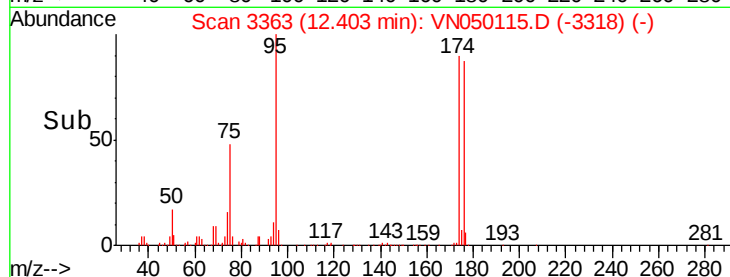
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#77

Bromobenzene

Concen: 2.47 ug/l

RT: 12.55 min Scan# 3408

Delta R.T. 0.02 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

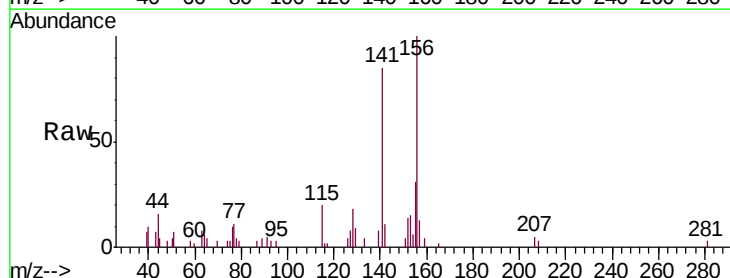
Tgt Ion: 156 Resp: 25436

Ion Ratio Lower Upper

156 100

77 0.0 91.7 275.1#

158 0.5 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

12.55

8000

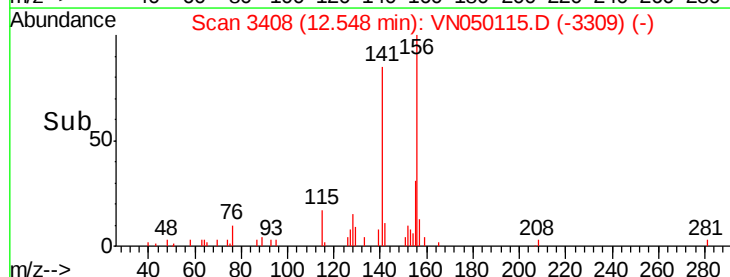
6000

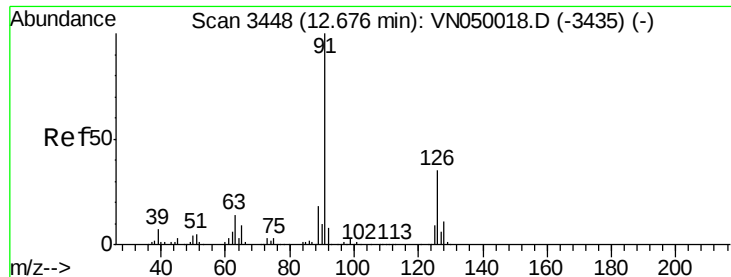
4000

2000

0

Time--> 12.40 12.50 12.60





#79

2-Chlorotoluene

Concen: 2.88 ug/l

RT: 12.66 min Scan# 3442

Delta R.T. -0.02 min

Lab File: VN050115.D

Acq: 27 Jul 2018 5:43

Instrument :

MSVOA_N

ClientSampleId :

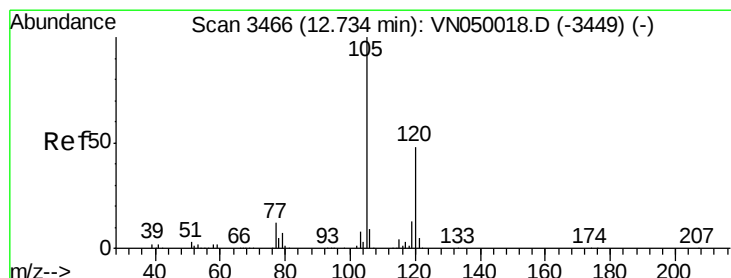
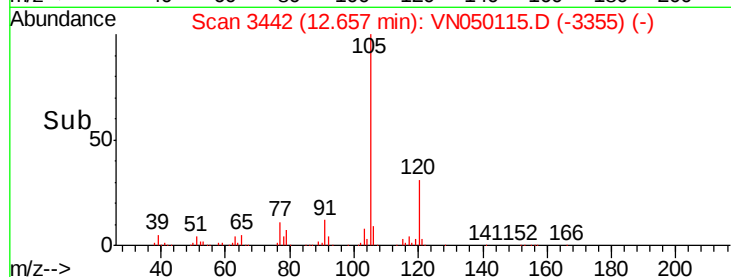
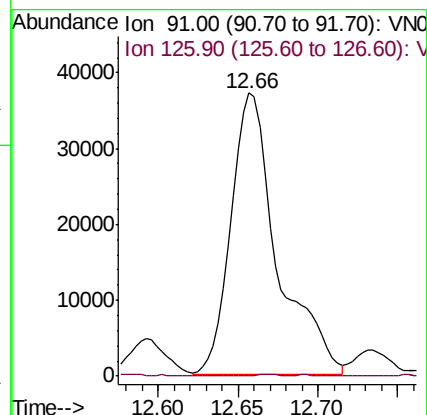
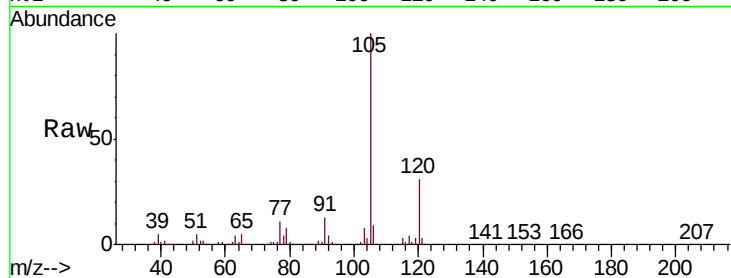
MW-11B

Tot Ion: 91 Resp: 74166

Ion Ratio Lower Upper

91 100

126 0.2 17.6 52.8#



#80

1,3,5-Trimethylbenzene

Concen: 1.70 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050115.D

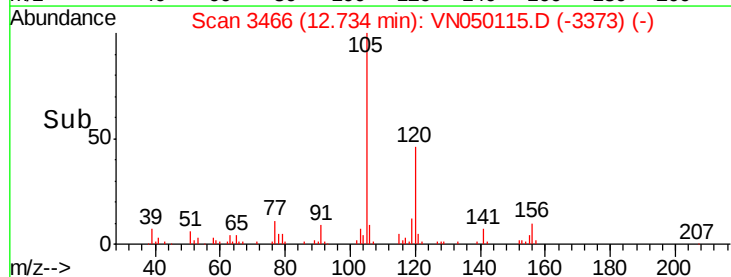
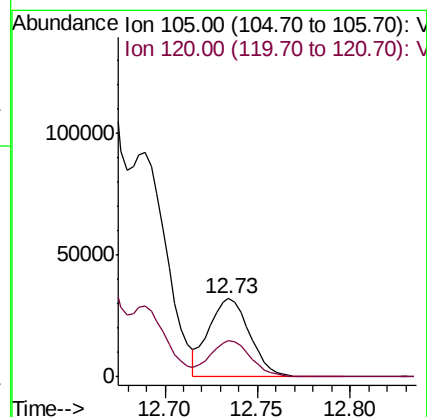
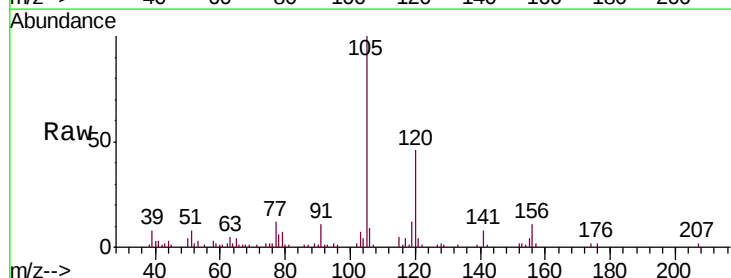
Acq: 27 Jul 2018 5:43

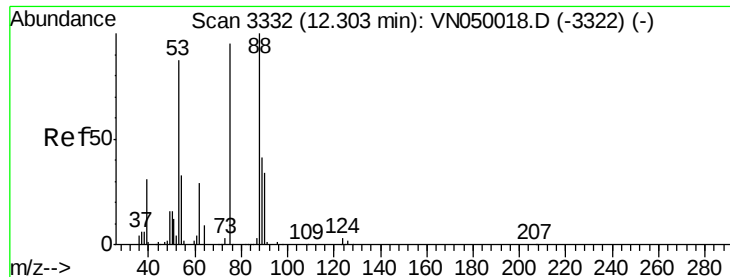
Tgt Ion: 105 Resp: 49657

Ion Ratio Lower Upper

105 100

120 45.6 24.4 73.2

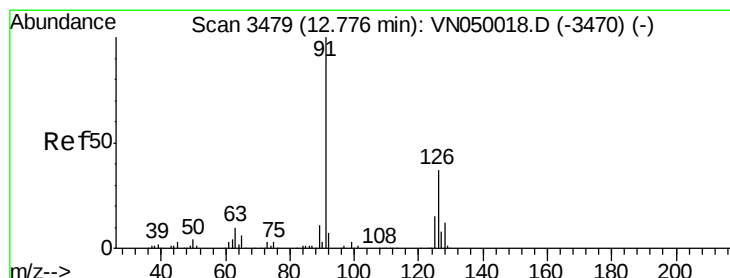
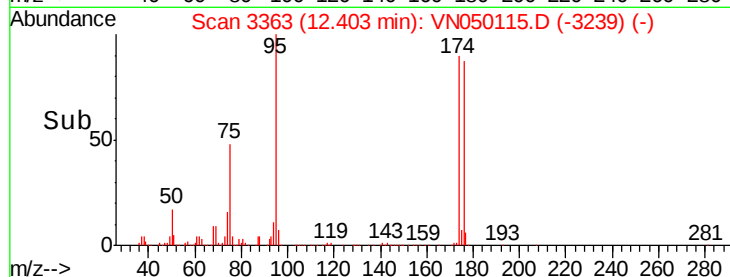
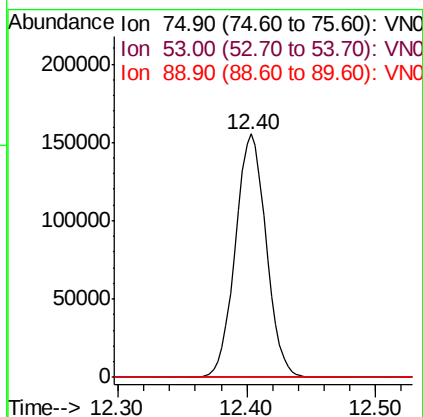
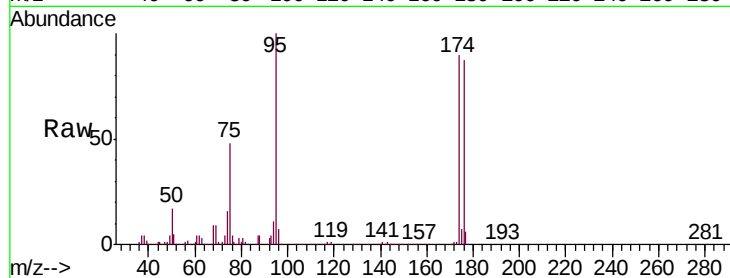




#81
trans-1,4-Dichloro-2-butene
Concen: 91.90 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

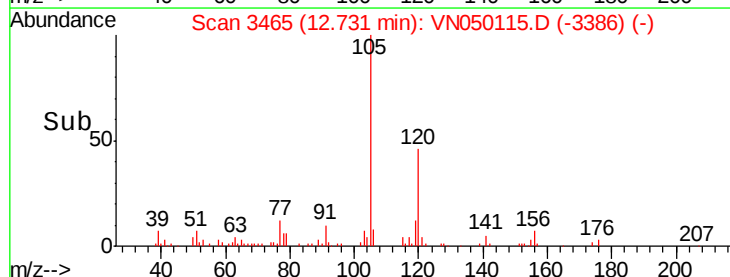
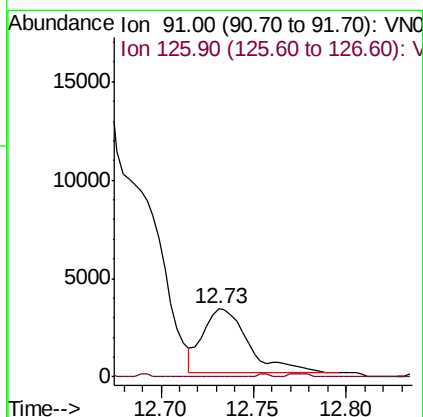
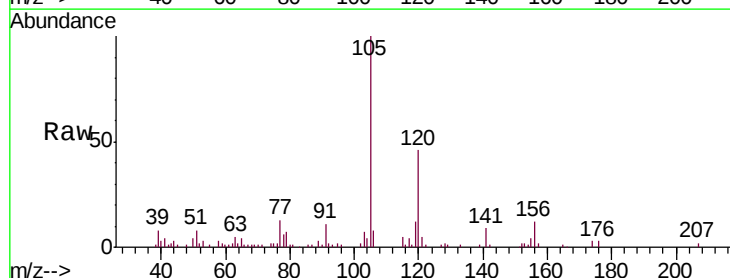
Instrument :
MSVOA_N
ClientSampled :
MW-11B

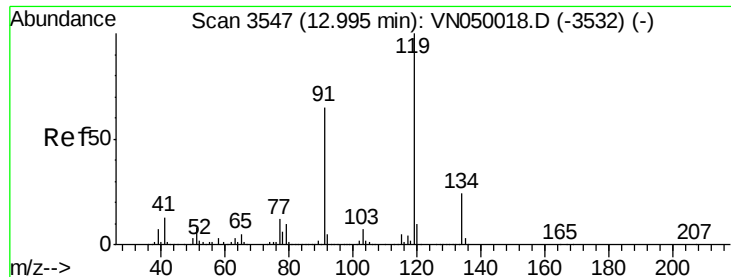
Tot Ion: 75 Resp: 257990
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 0.0 36.0 54.0#



#82
4-Chlorotoluene
Concen: 0.22 ug/l
RT: 12.73 min Scan# 3465
Delta R.T. -0.04 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

Tgt Ion: 91 Resp: 5621
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

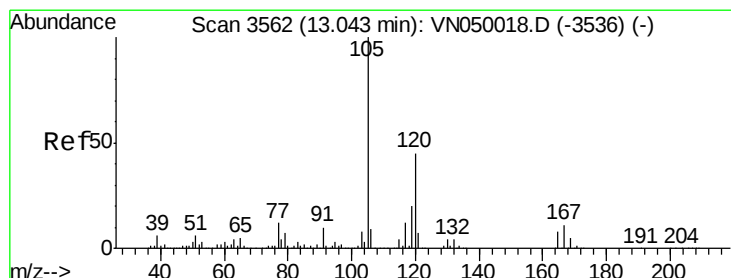
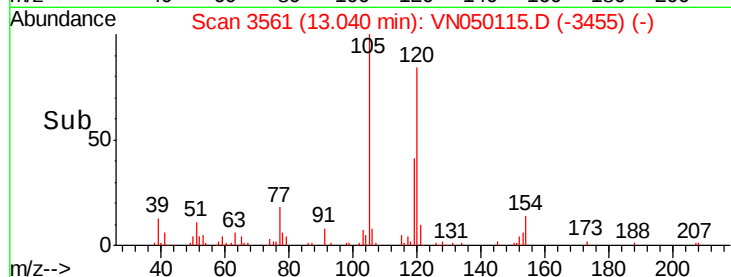
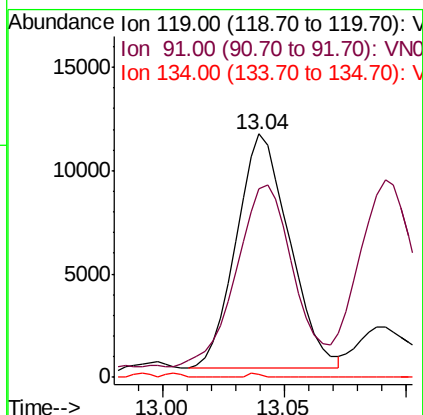
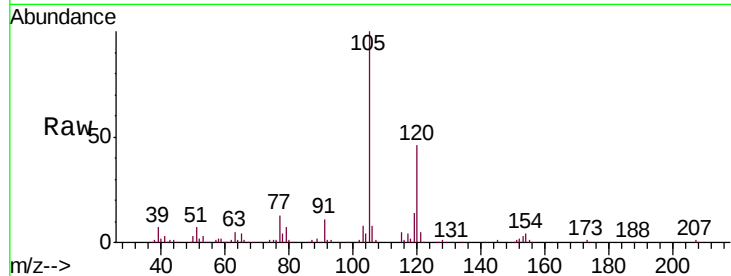




#83
tert-Butylbenzene
Concen: 0.67 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. 0.04 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

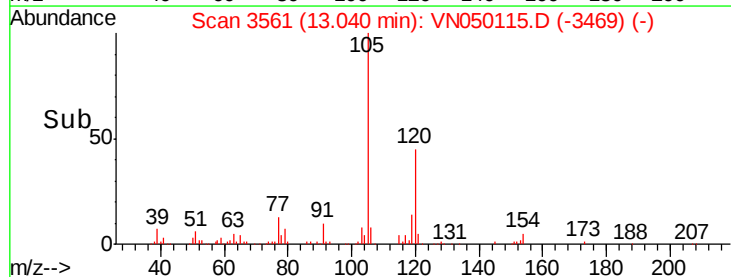
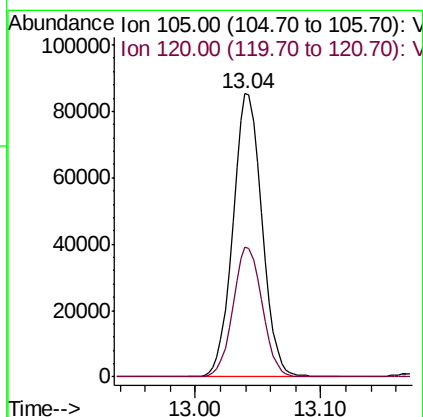
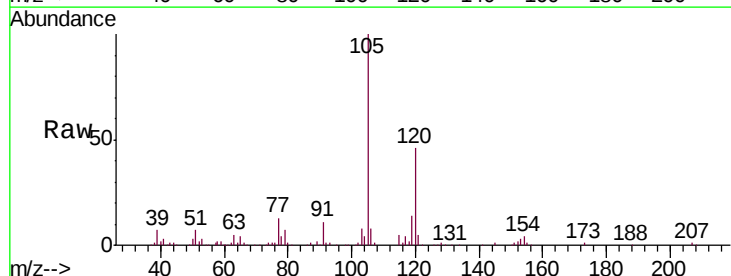
Instrument :
MSVOA_N
ClientSampled :
MW-11B

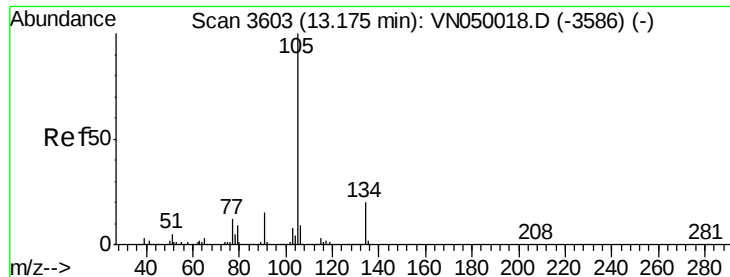
Tot Ion:119 Resp: 17179
Ion Ratio Lower Upper
119 100
91 81.9 32.1 96.3
134 0.0 13.2 39.5#



#84
1,2,4-Trimethylbenzene
Concen: 4.67 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. -0.00 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

Tgt Ion:105 Resp: 137645
Ion Ratio Lower Upper
105 100
120 45.9 22.9 68.7

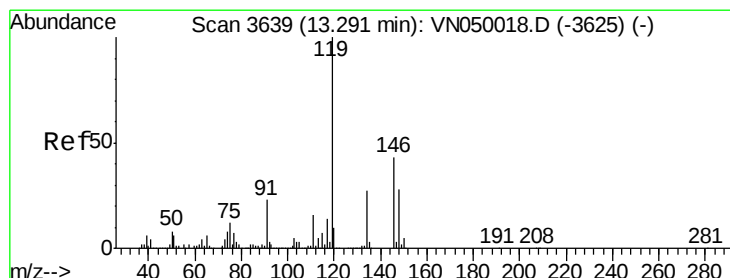
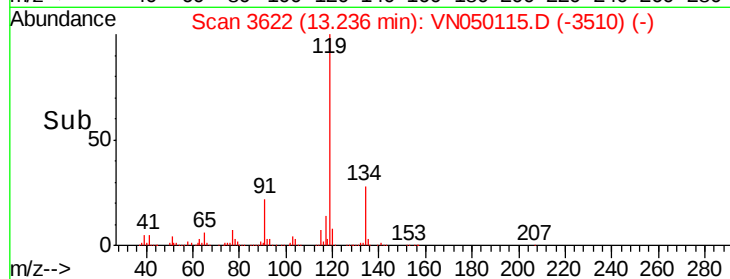
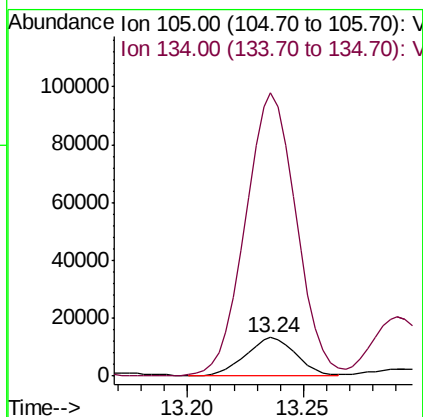
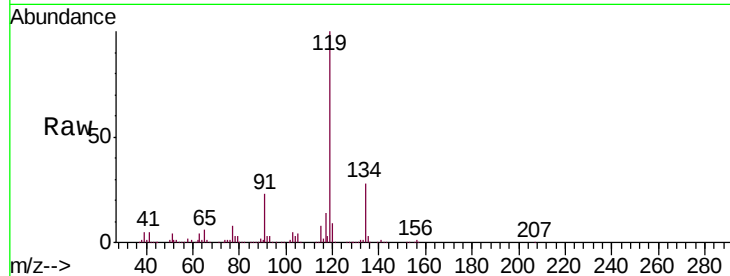




#85
 sec-Butylbenzene
 Concen: 0.58 ug/l
 RT: 13.24 min Scan# 3622
 Delta R.T. 0.06 min
 Lab File: VN050115.D
 Acq: 27 Jul 2018 5:43

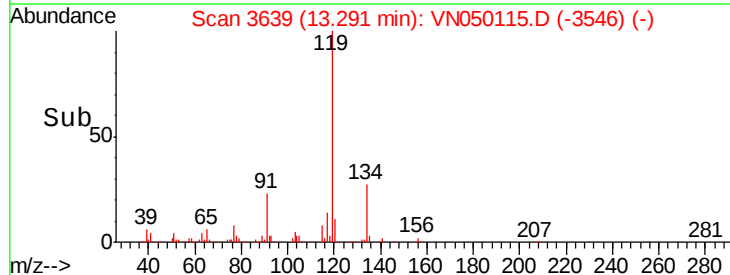
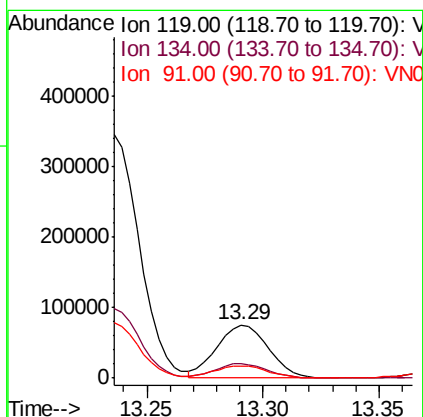
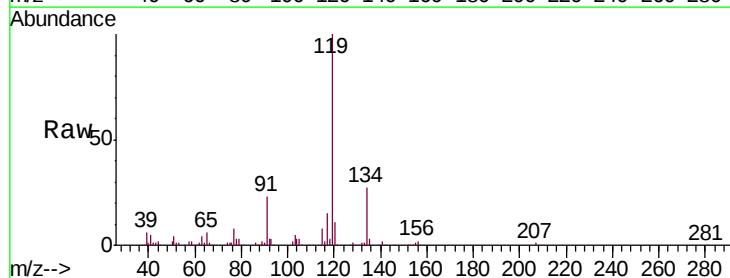
Instrument :
 MSVOA_N
 ClientSampled :
 MW-11B

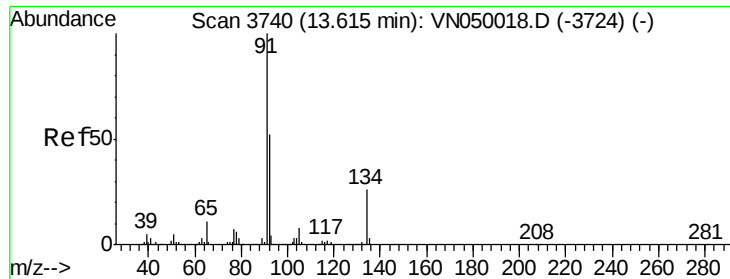
Tot Ion:105 Resp: 19615
 Ion Ratio Lower Upper
 105 100
 134 762.4 10.1 30.1#



#86
 p-Isopropyltoluene
 Concen: 4.06 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050115.D
 Acq: 27 Jul 2018 5:43

Tgt Ion:119 Resp: 116493
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 23.3 11.4 34.2

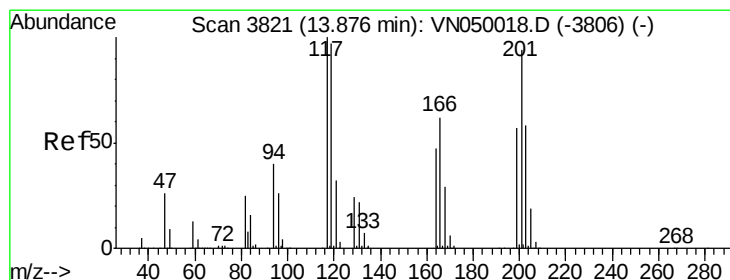
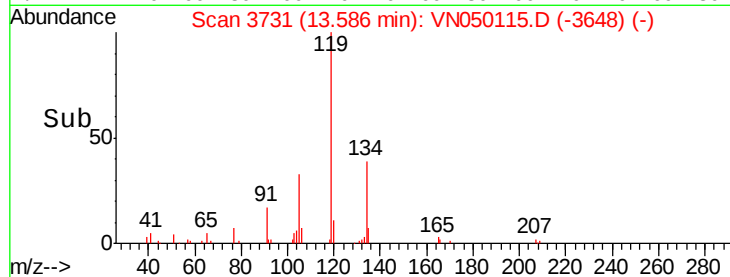
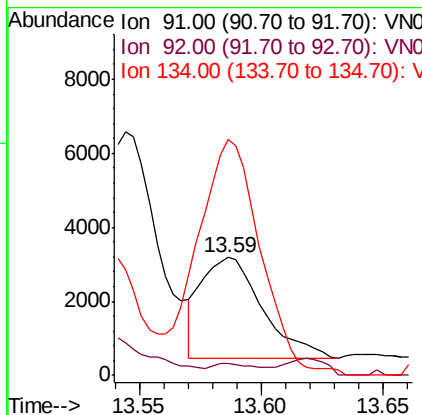
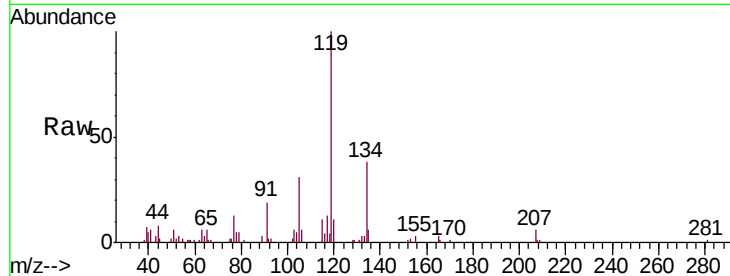




#89
n-Butylbenzene
Concen: 0.20 ug/l
RT: 13.59 min Scan# 3731
Delta R.T. -0.03 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

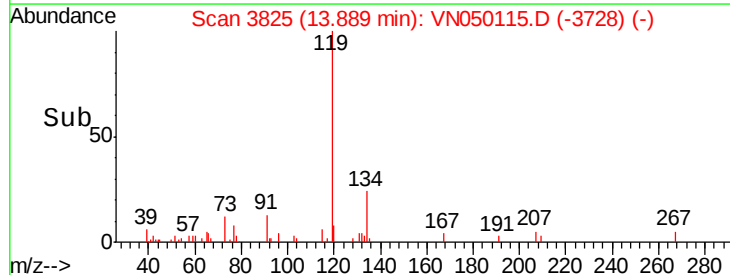
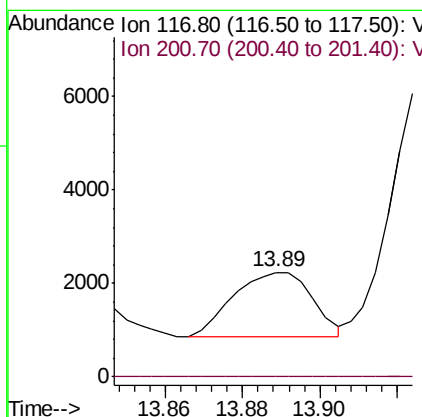
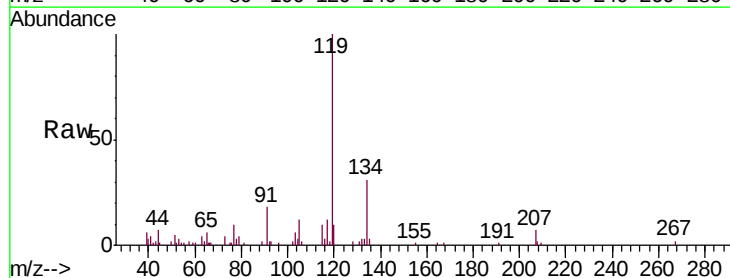
Instrument :
MSVOA_N
ClientSampled :
MW-11B

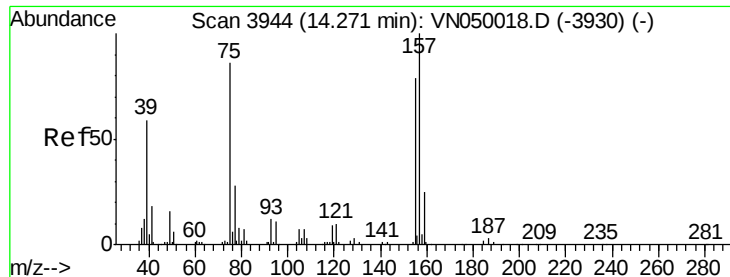
Tot Ion: 91 Resp: 4793
Ion Ratio Lower Upper
91 100
92 3.7 25.8 77.4#
134 237.8 12.8 38.4#



#90
Hexachloroethane
Concen: 0.31 ug/l
RT: 13.89 min Scan# 3825
Delta R.T. 0.01 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

Tgt Ion: 117 Resp: 1953
Ion Ratio Lower Upper
117 100
201 0.0 45.6 136.8#

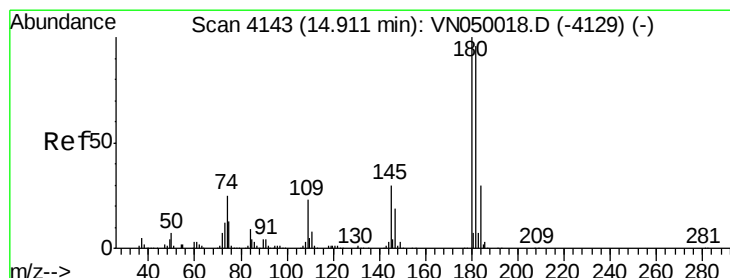
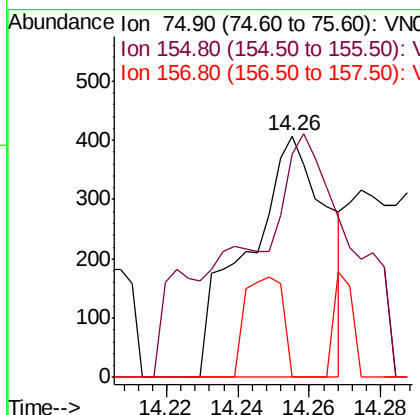
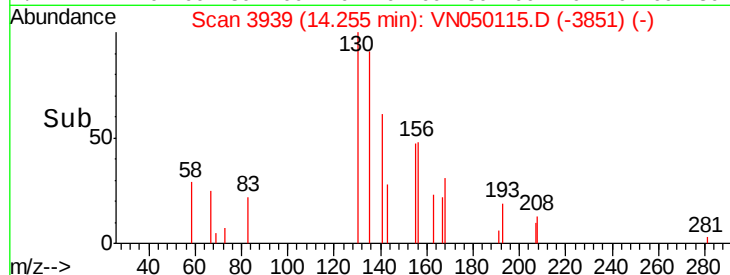
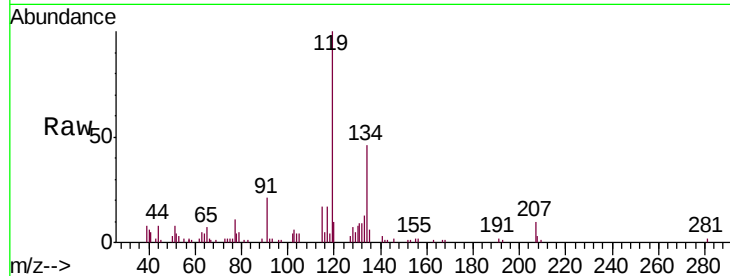




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.26 min Scan# 3939
 Delta R.T. -0.02 min
 Lab File: VN050115.D
 Acq: 27 Jul 2018 5:43

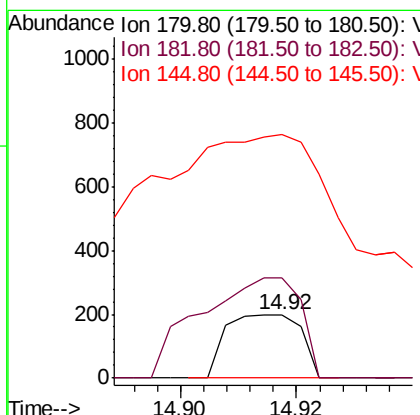
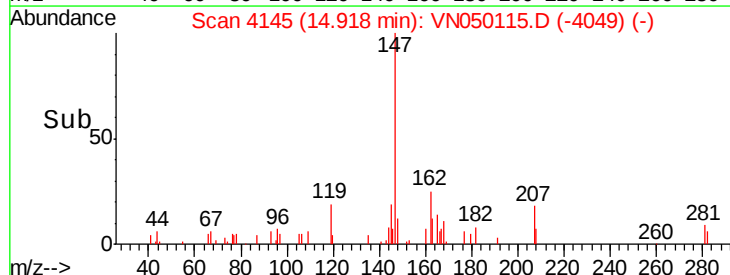
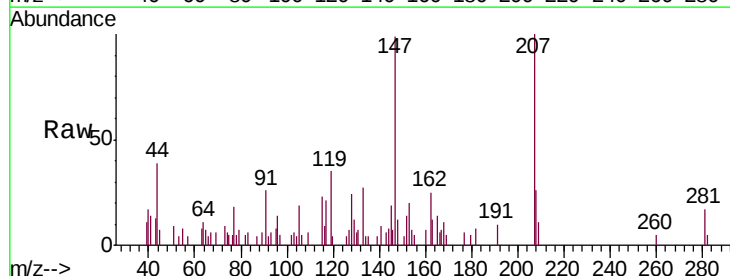
Instrument :
 MSVOA_N
 ClientSampled :
 MW-11B

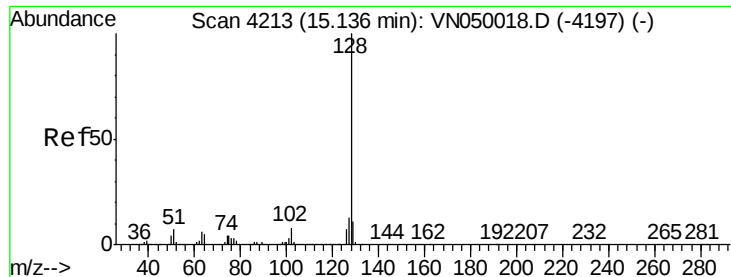
Tot Ion: 75 Resp: 628
 Ion Ratio Lower Upper
 75 100
 155 93.8 44.8 134.4
 157 19.6 57.2 171.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.10 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.01 min
 Lab File: VN050115.D
 Acq: 27 Jul 2018 5:43

Tgt Ion: 180 Resp: 177
 Ion Ratio Lower Upper
 180 100
 182 214.1 46.7 140.1#
 145 1029.9 13.8 41.4#

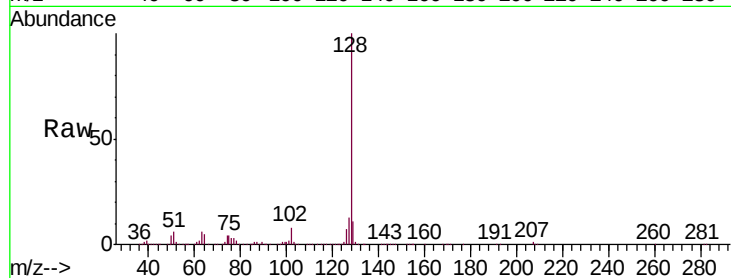




#95
Naphthalene
Concen: 40.67 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050115.D
Acq: 27 Jul 2018 5:43

Instrument :
MSVOA_N
ClientSampleId :
MW-11B

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.2	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

