

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050293.D
 Acq On : 3 Aug 2018 4:12
 Operator : MD\SY
 Sample : J4304-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A02

Quant Time: Aug 03 04:39:08 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	684269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	393772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	458083	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.59	113	411922	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.09	98	1445261	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
62) 4-Bromofluorobenzene	12.40	95	452660	42.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.48%	

Target Compounds

						Qvalue
5) Bromomethane	2.56	94	566	Below Cal	#	80
11) Tert butyl alcohol	4.79	59	186	0.26	ug/l #	72
16) Acetone	3.83	43	23441	6.19	ug/l	98
17) Carbon Disulfide	4.05	76	21123	0.87	ug/l #	95
18) Methyl Acetate	4.33	43	18752	0.53	ug/l	99
20) Methylene Chloride	4.55	84	1139	Below Cal	#	86
25) 2-Butanone	6.85	43	919	0.25	ug/l #	48
29) Tetrahydrofuran	7.22	42	145049	61.64	ug/l	98
31) Cyclohexane	7.67	56	12355	0.87	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	48263	4.00	ug/l #	48
38) Carbon Tetrachloride	7.67	117	61858	4.83	ug/l #	16
39) Methylcyclohexane	9.09	83	3241	0.26	ug/l	86
41) Methacrylonitrile	7.22	41	91374	22.44	ug/l #	30
43) Isopropyl Acetate	8.27	43	318866	19.40	ug/l #	61
55) 1,1,2-Trichloroethane	10.54	97	3886	0.45	ug/l #	20
56) Ethyl methacrylate	10.44	69	2666	2.25	ug/l #	1
59) 2-Hexanone	10.60	43	238	5.21	ug/l	69
70) Styrene	11.97	104	99	0.93	ug/l #	1
73) Isopropylbenzene	12.25	105	10807	0.35	ug/l	97
74) N-amyl acetate	12.05	43	17346	1.86	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.47	83	4603	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	218517	29.86	ug/l #	100
78) n-propylbenzene	12.59	91	17332	0.51	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	218517	94.71	ug/l #	13
83) tert-Butylbenzene	12.99	119	8213	0.39	ug/l	81
84) 1,2,4-Trimethylbenzene	13.04	105	60944	2.52	ug/l	100
85) sec-Butylbenzene	13.17	105	19637	0.70	ug/l	80
86) p-Isopropyltoluene	13.29	119	8970	0.38	ug/l	86
89) n-Butylbenzene	13.62	91	9762	0.50	ug/l #	69
90) Hexachloroethane	13.89	117	14867	2.84	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.29	75	378	Below Cal	#	7
93) 1,2,4-Trichlorobenzene	14.90	180	961	3.20	ug/l #	1
95) Naphthalene	15.13	128	6940	4.77	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.34	180	1393	2.39	ug/l #	12

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

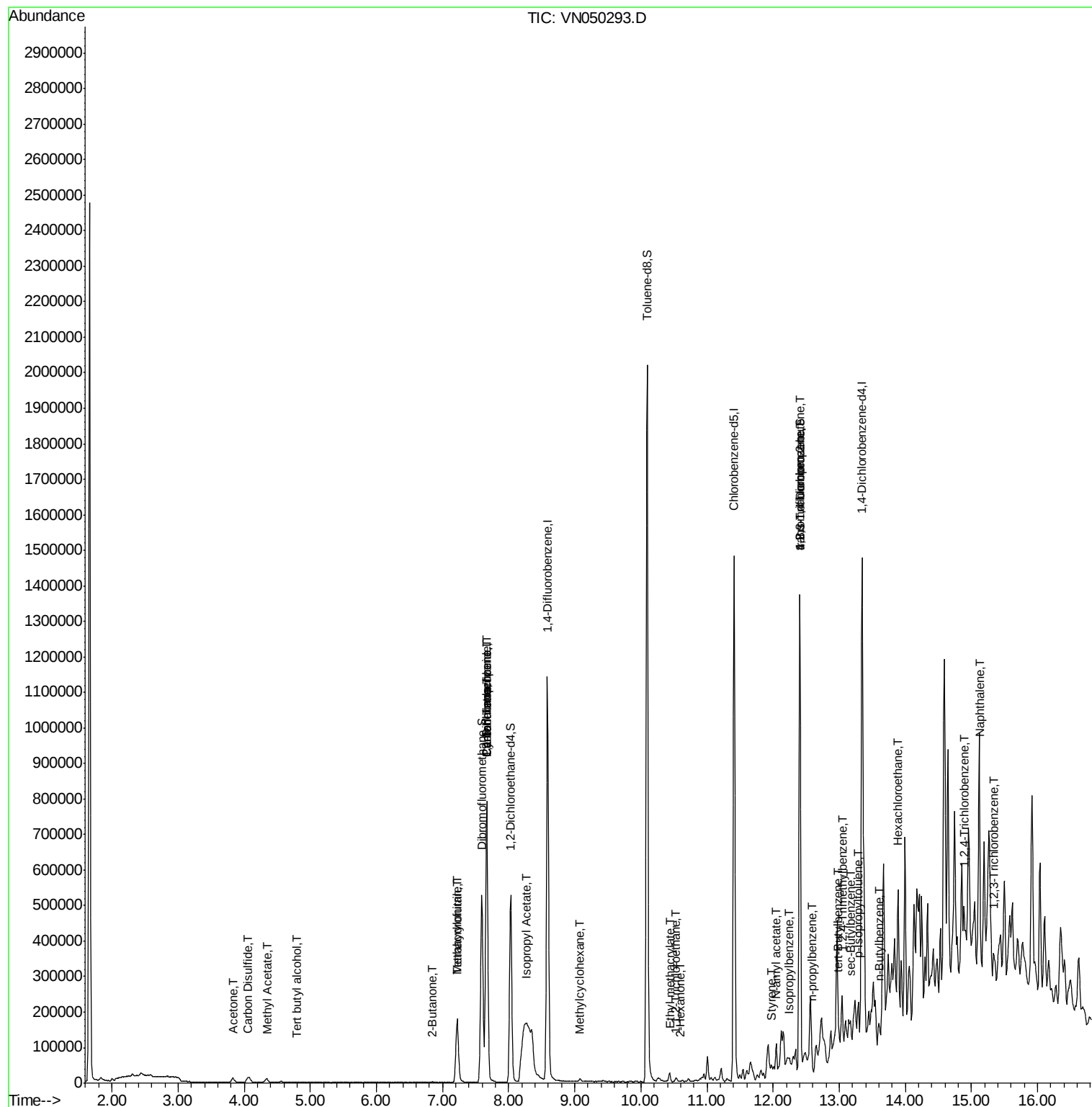
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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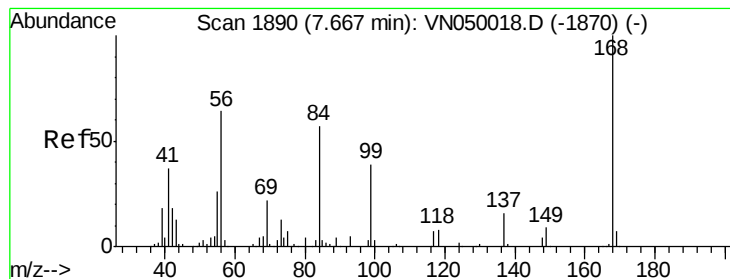
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampleId :

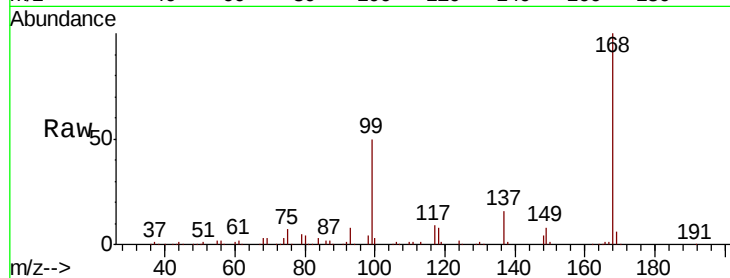
MW-A02

Tot Ion:168 Resp: 684269

Ion Ratio Lower Upper

168 100

99 49.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

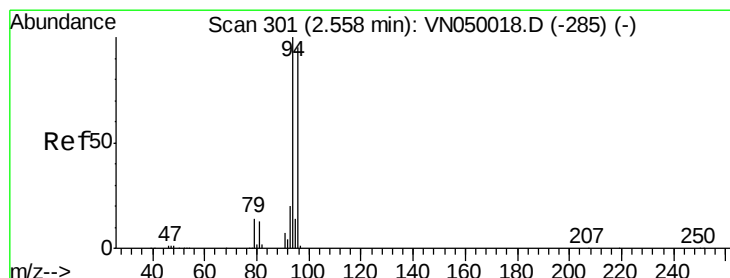
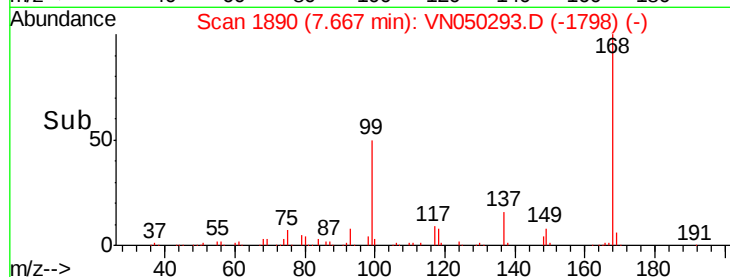
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050293.D

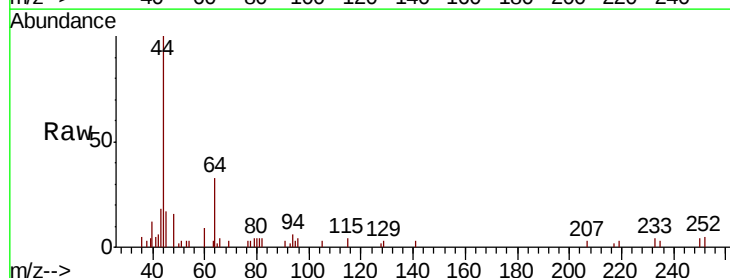
Acq: 3 Aug 2018 4:12

Tgt Ion: 94 Resp: 566

Ion Ratio Lower Upper

94 100

96 74.3 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

400

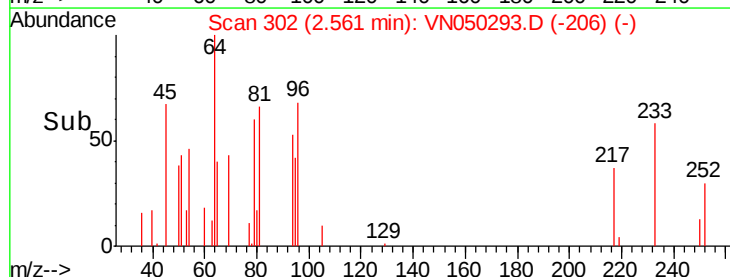
300

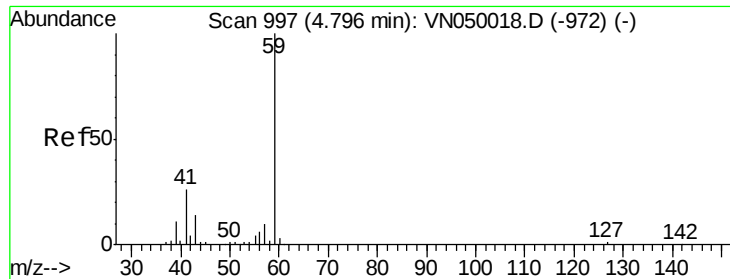
200

100

0

Time-->

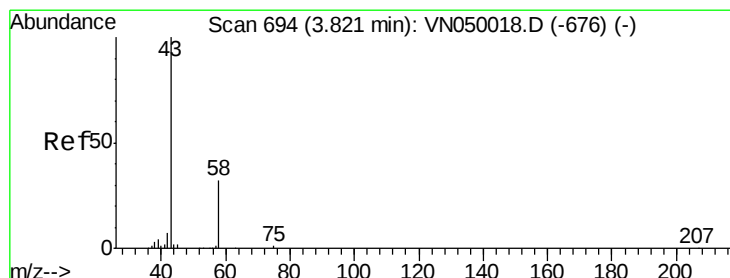
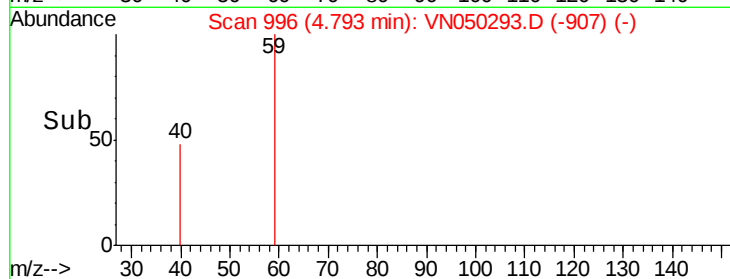
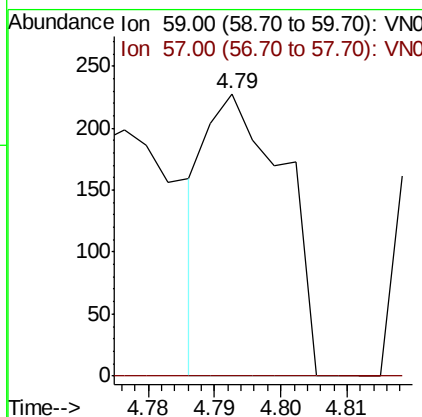
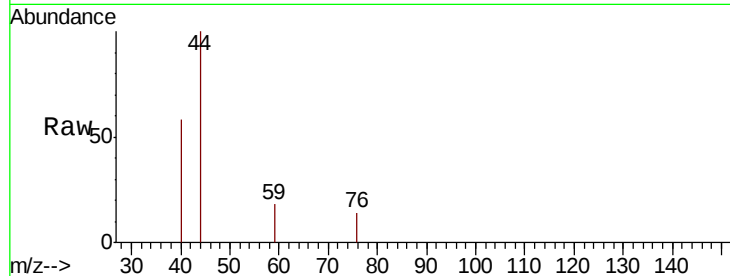




#11
Tert butyl alcohol
Concen: 0.26 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.01 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

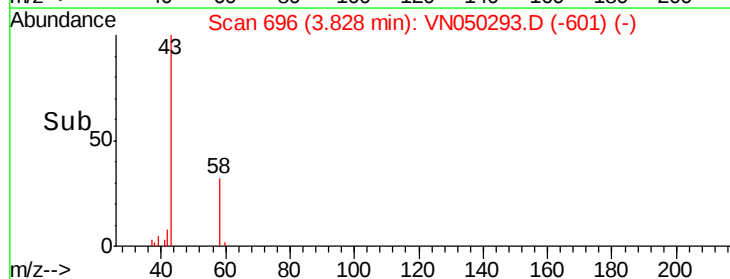
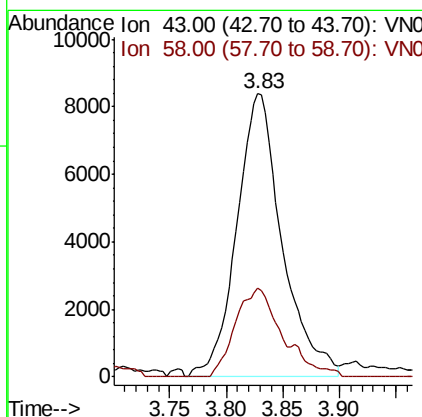
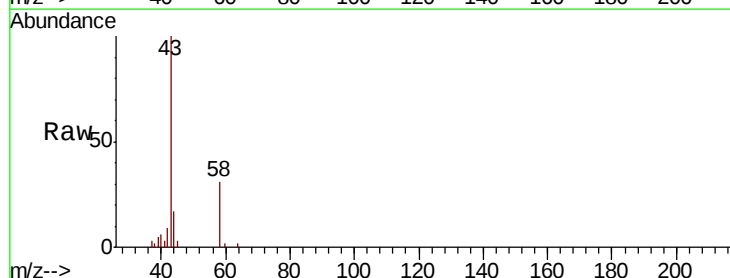
Instrument :
MSVOA_N
ClientSampled :
MW-A02

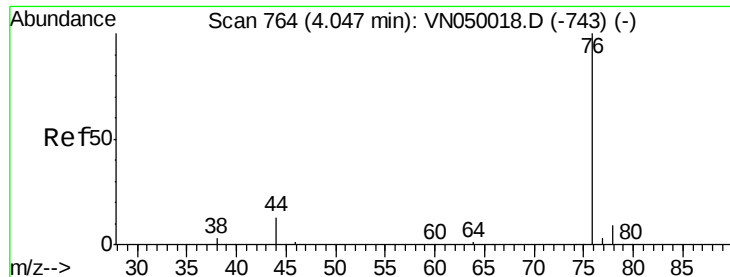
Tot Ion: 59 Resp: 186
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 6.19 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion: 43 Resp: 23441
Ion Ratio Lower Upper
43 100
58 31.4 25.8 38.8





#17

Carbon Disulfide

Concen: 0.87 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampleId :

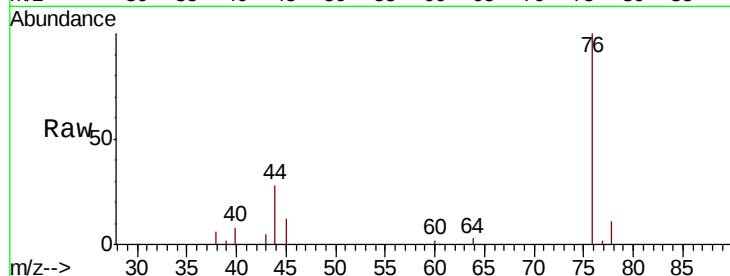
MW-A02

Tot Ion: 76 Resp: 21123

Ion Ratio Lower Upper

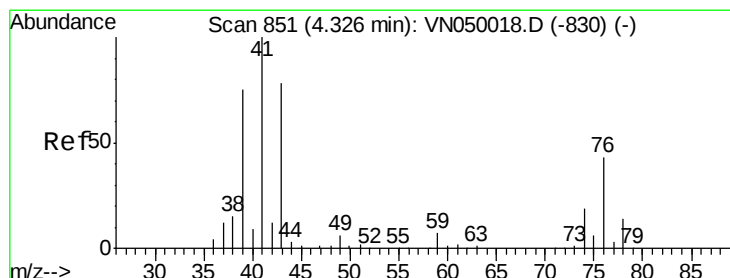
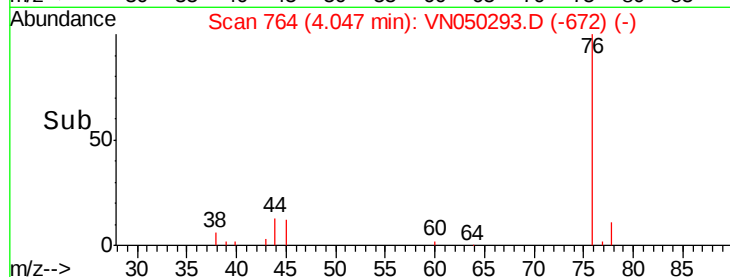
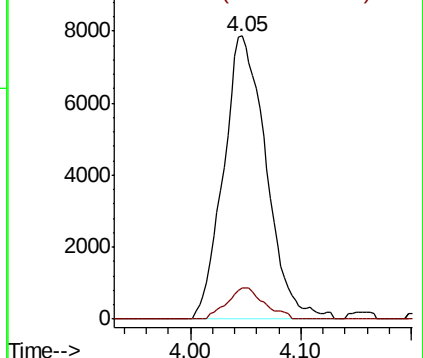
76 100

78 11.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.53 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050293.D

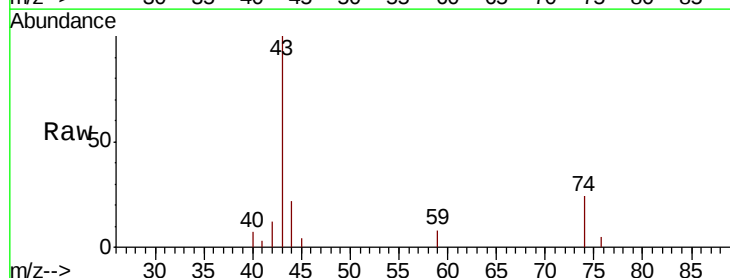
Acq: 3 Aug 2018 4:12

Tgt Ion: 43 Resp: 18752

Ion Ratio Lower Upper

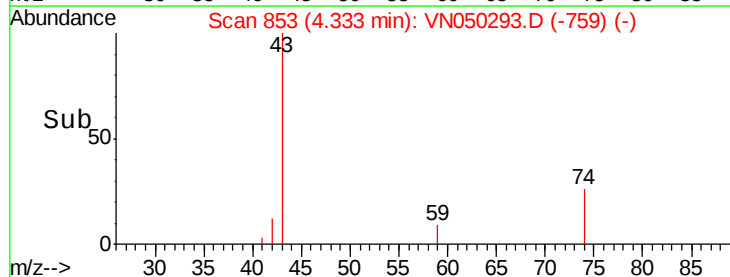
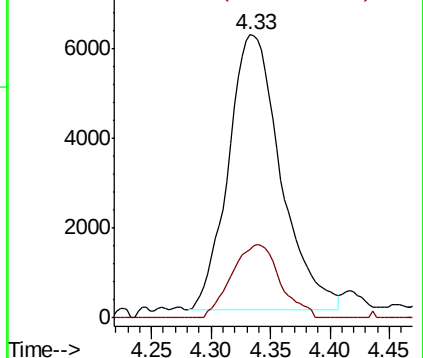
43 100

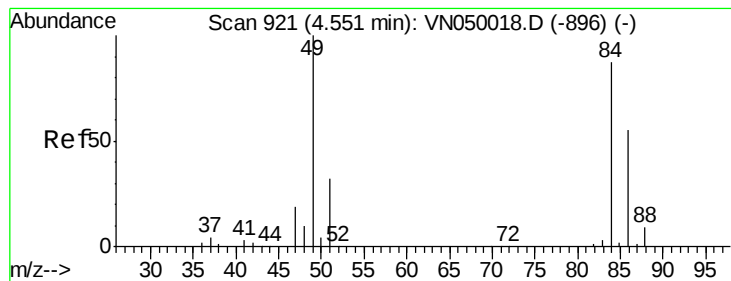
74 24.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

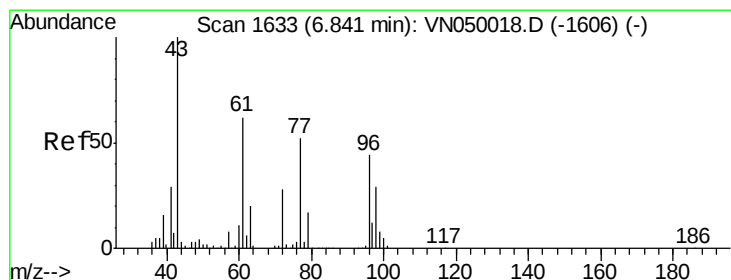
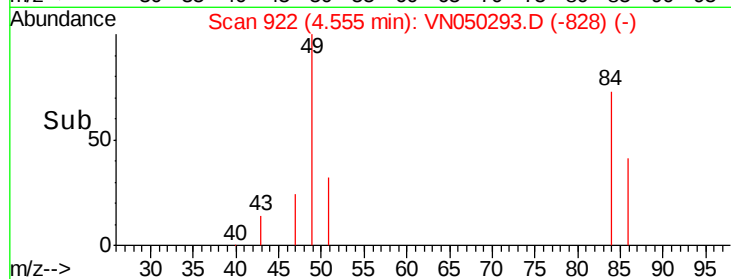
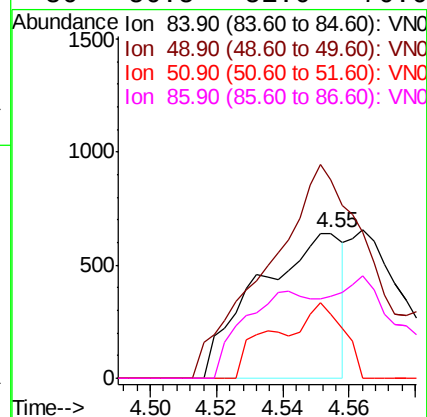
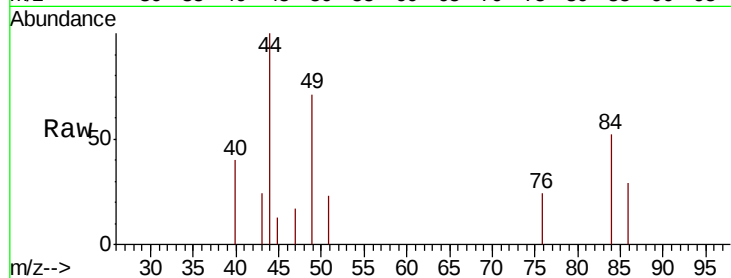
ClientSampled :

MW-A02

Tot Ion: 84 Resp: 1139

Ion Ratio Lower Upper

84	100		
49	137.1	94.8	142.2
51	43.8	28.3	42.5
86	56.5	51.0	76.6



#25

2-Butanone

Concen: 0.25 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

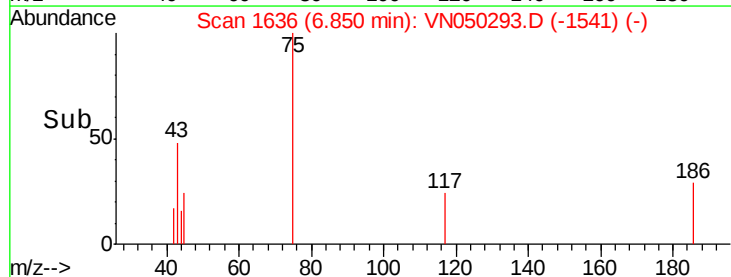
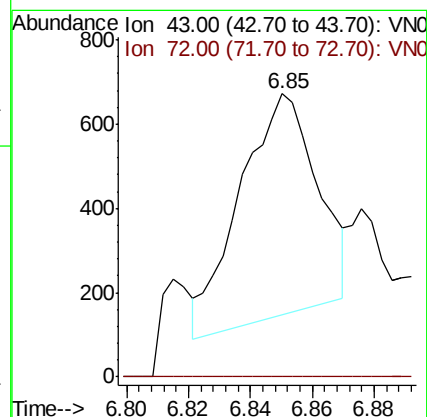
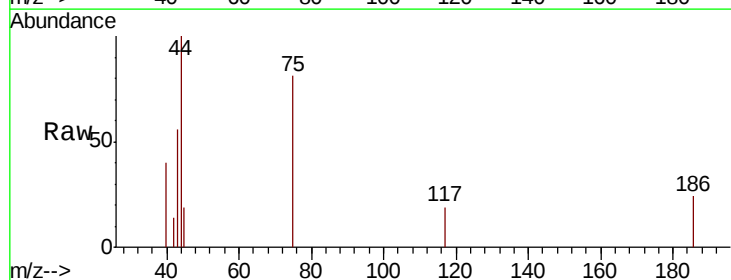
Lab File: VN050293.D

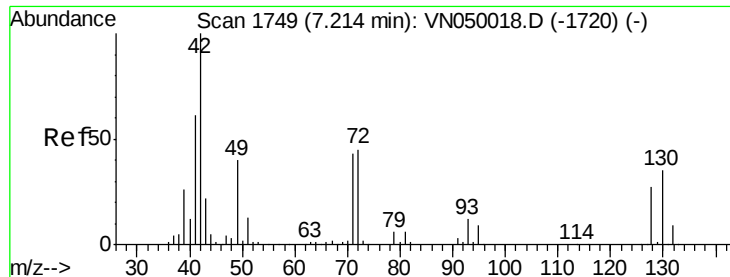
Acq: 3 Aug 2018 4:12

Tgt Ion: 43 Resp: 919

Ion Ratio Lower Upper

43	100		
72	0.0	21.5	32.3

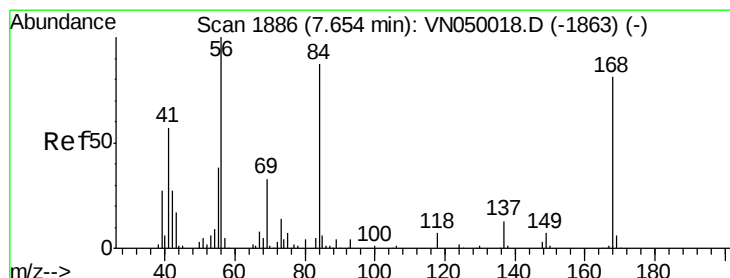
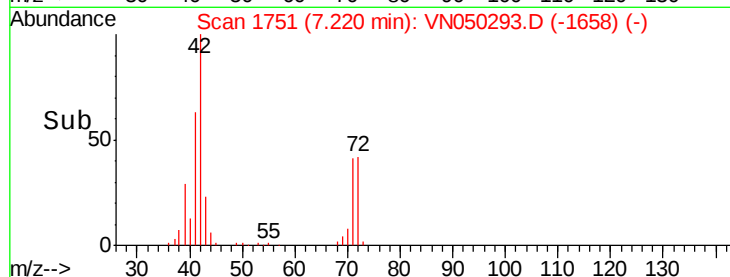
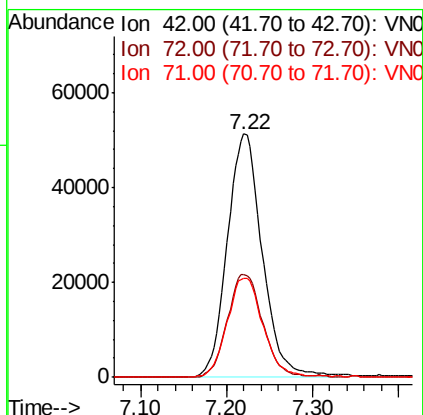
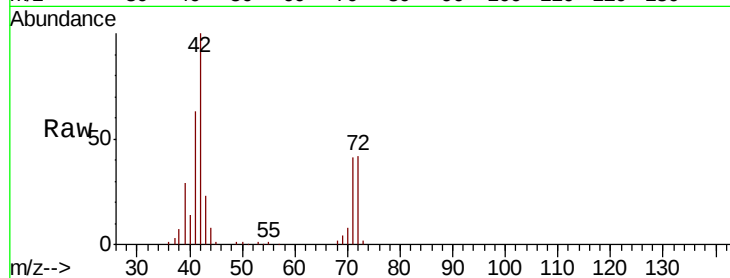




#29
Tetrahydrofuran
Concen: 61.64 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

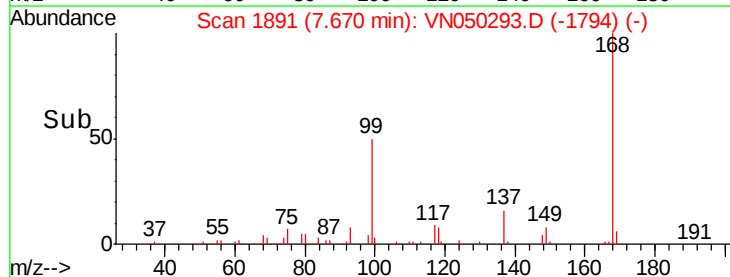
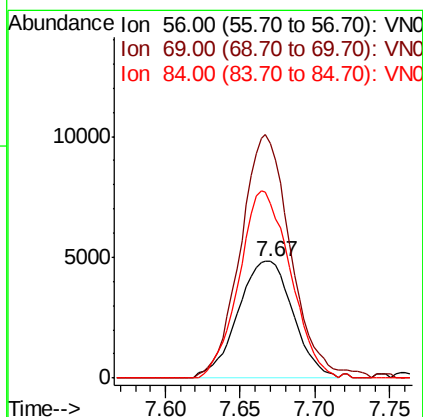
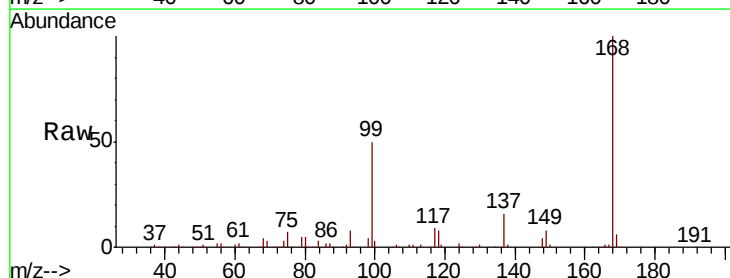
Instrument :
MSVOA_N
ClientSampleId :
MW-A02

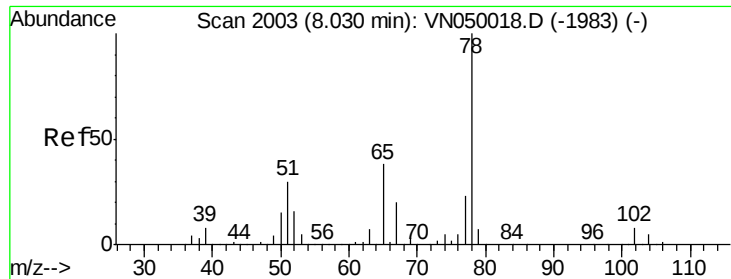
Tot Ion: 42 Resp: 145049
Ion Ratio Lower Upper
42 100
72 42.8 35.9 53.9
71 41.8 33.7 50.5



#31
Cyclohexane
Concen: 0.87 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion: 56 Resp: 12355
Ion Ratio Lower Upper
56 100
69 200.4 26.2 39.4#
84 149.2 67.4 101.0#

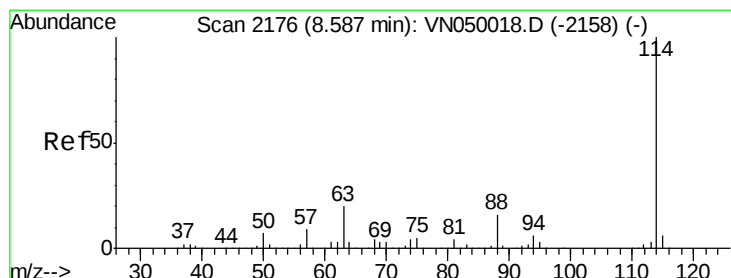
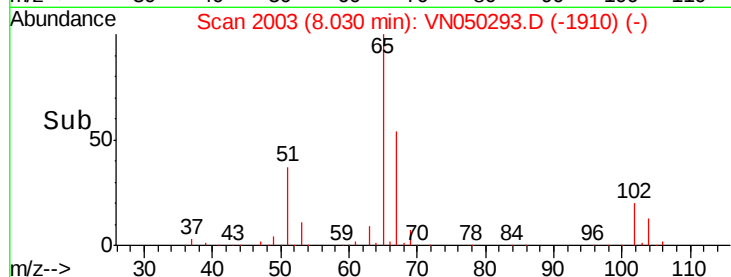
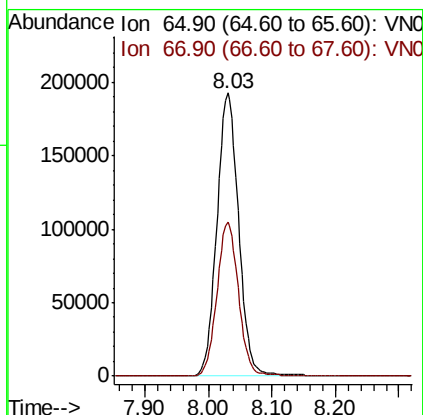
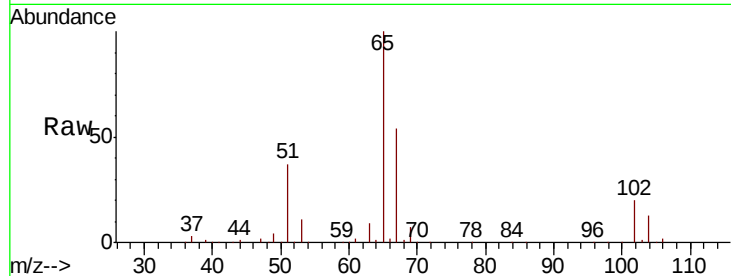




#33
 1,2-Dichloroethane-d4
 Concen: 47.98 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050293.D
 Acq: 3 Aug 2018 4:12

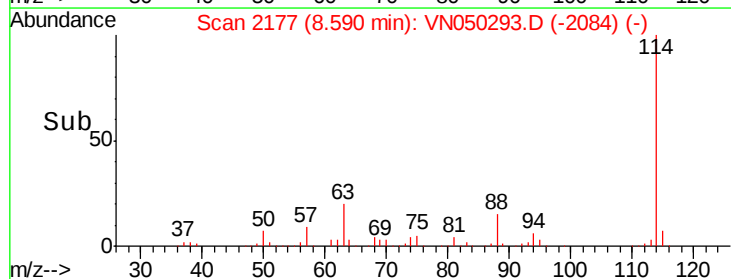
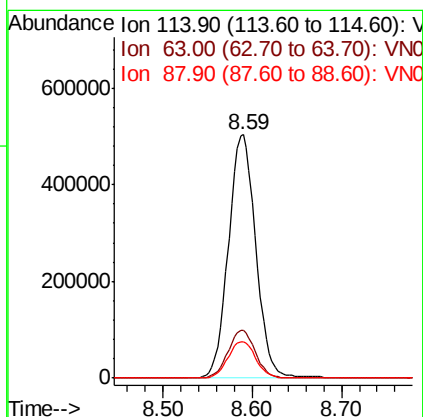
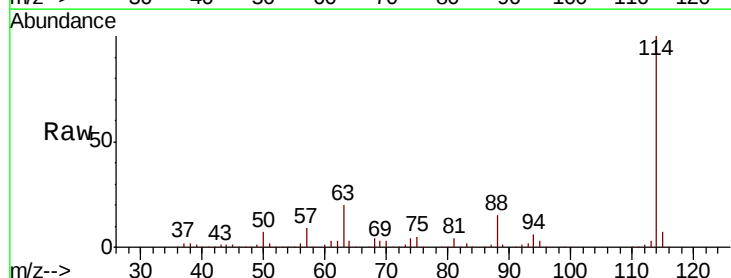
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A02

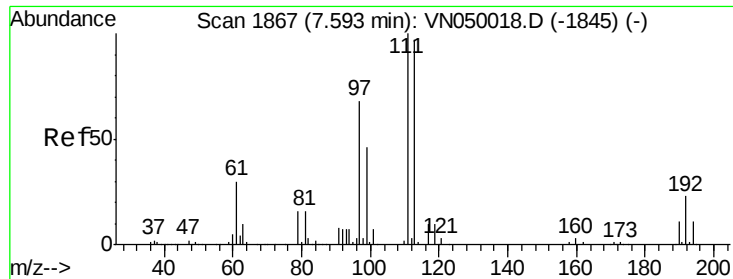
Tot Ion: 65 Resp: 458083
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050293.D
 Acq: 3 Aug 2018 4:12

Tgt Ion: 114 Resp: 1071672
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.1 0.0 31.2

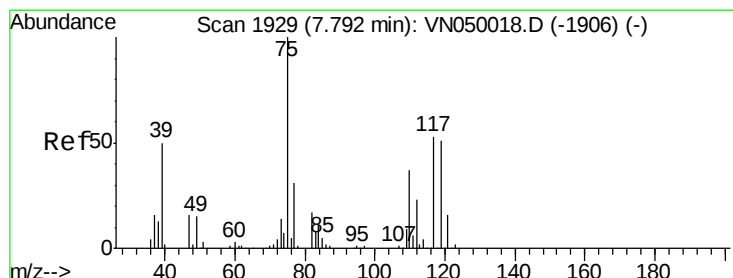
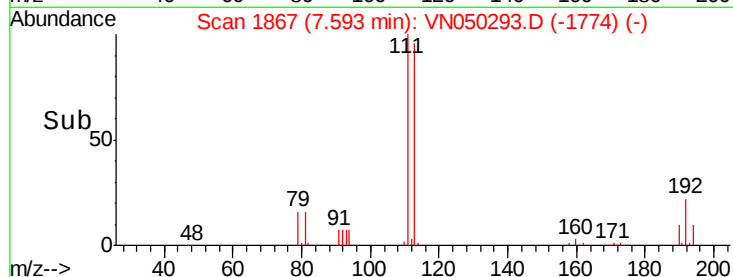
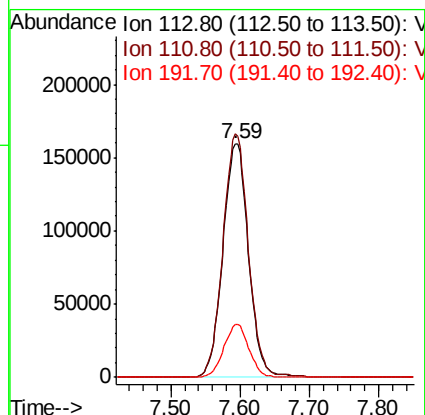
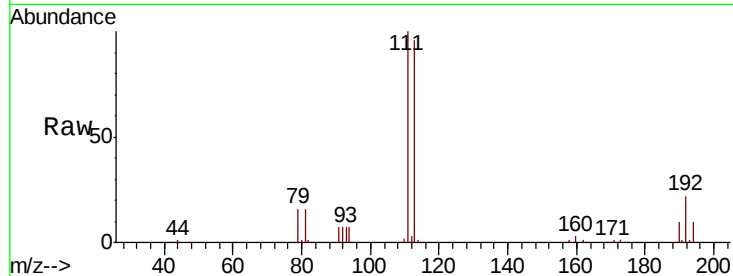




#35
Dibromofluoromethane
Concen: 47.08 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

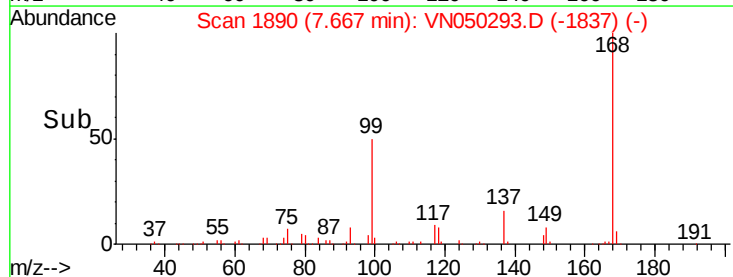
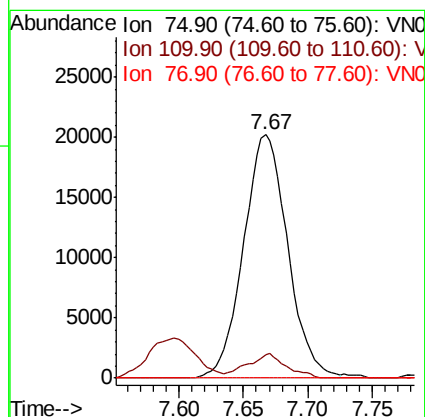
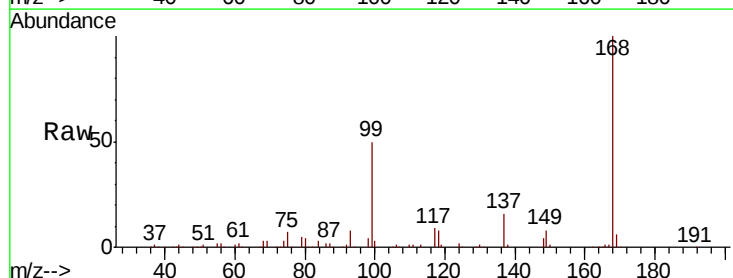
Instrument :
MSVOA_N
ClientSampleId :
MW-A02

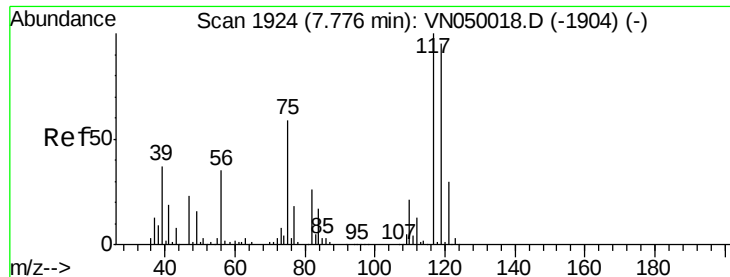
Tot Ion:113 Resp: 411922
Ion Ratio Lower Upper
113 100
111 103.1 80.7 121.1
192 22.3 17.8 26.6



#36
1,1-Dichloropropene
Concen: 4.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion: 75 Resp: 48263
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 25.3 37.9#

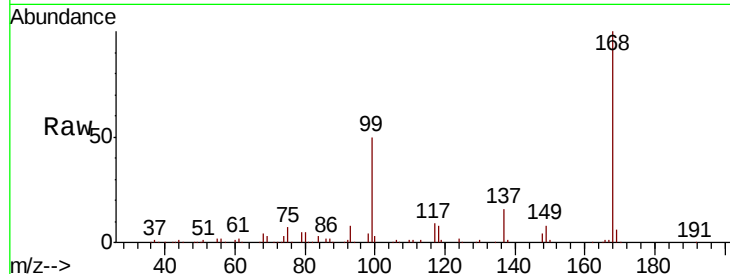




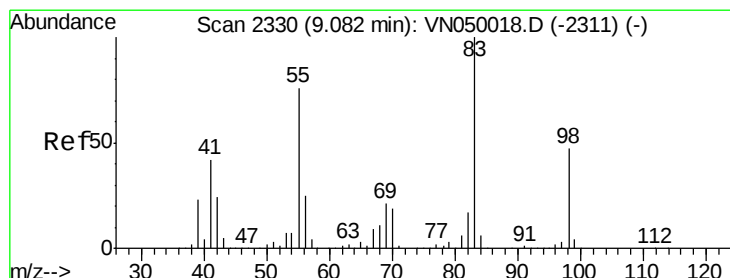
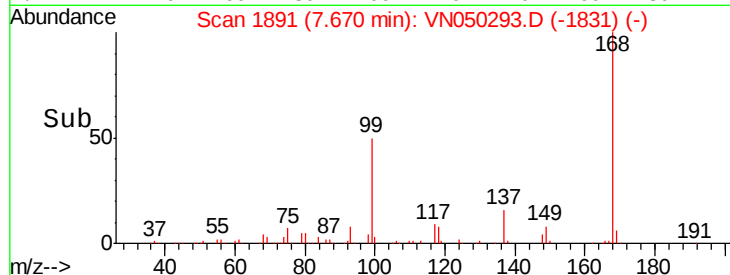
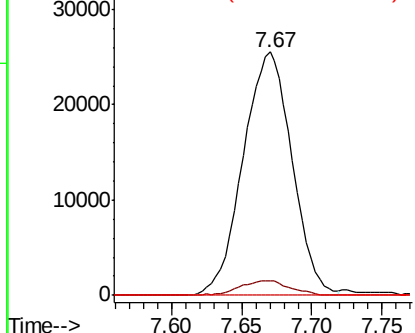
#38
Carbon Tetrachloride
Concen: 4.83 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Instrument :
MSVOA_N
ClientSampleId :
MW-A02

Tot Ion:117 Resp: 61858
Ion Ratio Lower Upper
117 100
119 6.1 77.4 116.0#
121 0.0 23.9 35.9#

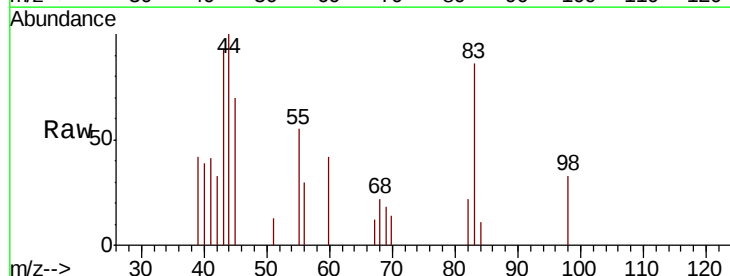


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

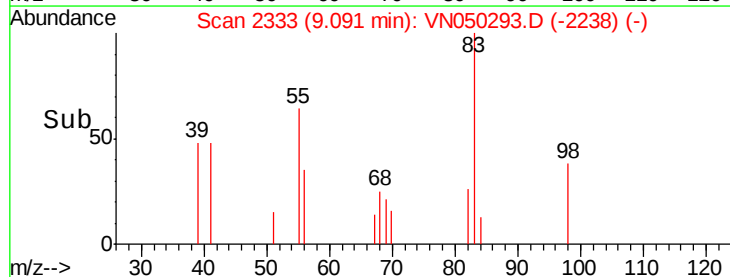
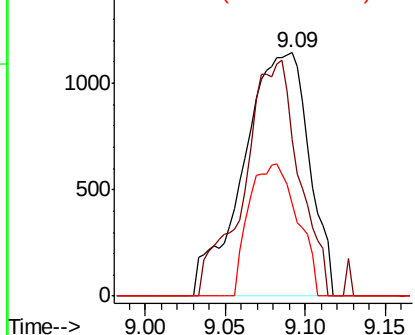


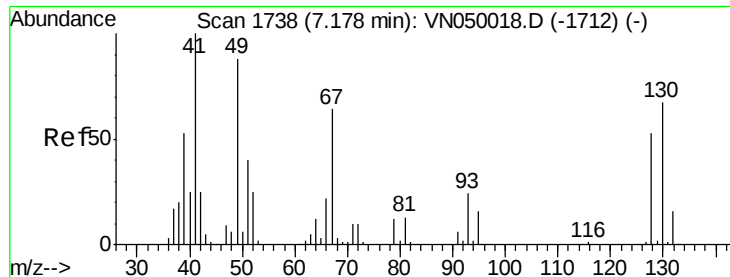
#39
Methylcyclohexane
Concen: 0.26 ug/l
RT: 9.09 min Scan# 2333
Delta R.T. 0.01 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion: 83 Resp: 3241
Ion Ratio Lower Upper
83 100
55 64.3 61.8 92.8
98 38.0 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO





#41

Methacrylonitrile

Concen: 22.44 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.04 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampled :

MW-A02

Tot Ion: 41 Resp: 91374

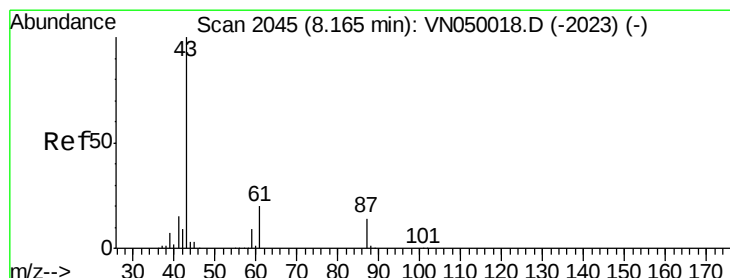
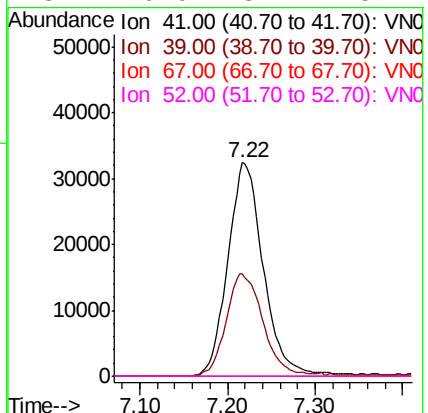
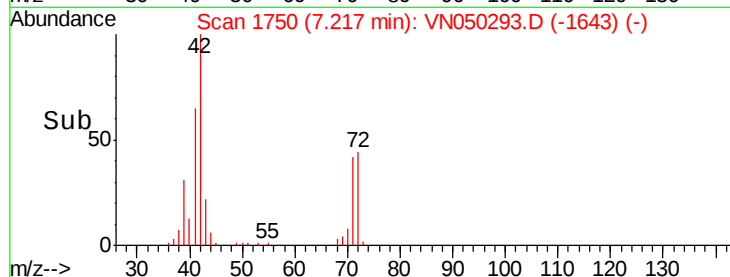
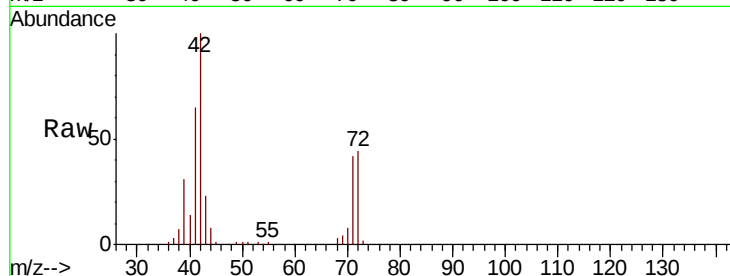
Ion Ratio Lower Upper

41 100

39 50.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#



#43

Isopropyl Acetate

Concen: 19.40 ug/l

RT: 8.27 min Scan# 2076

Delta R.T. 0.10 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

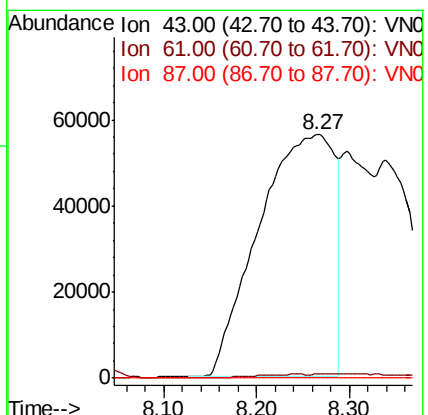
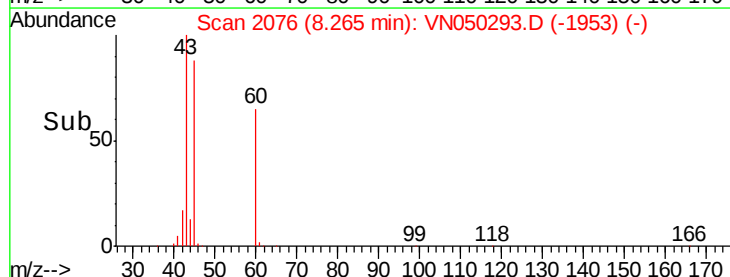
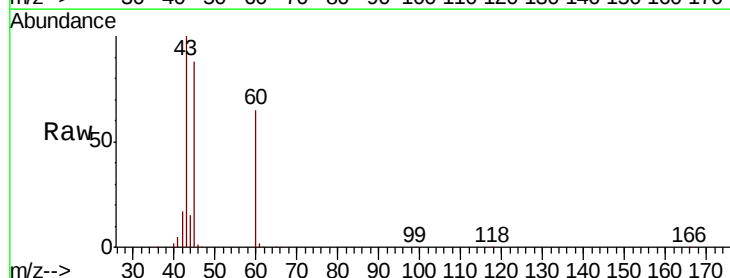
Tgt Ion: 43 Resp: 318866

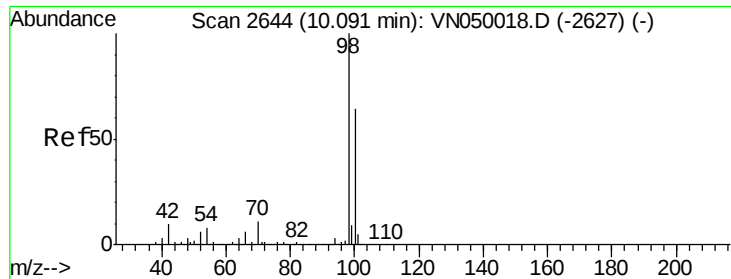
Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

87 0.0 10.3 15.5#

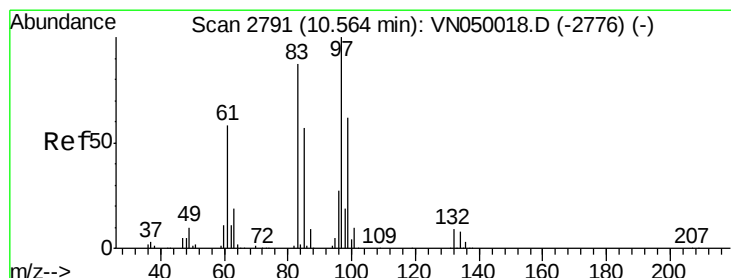
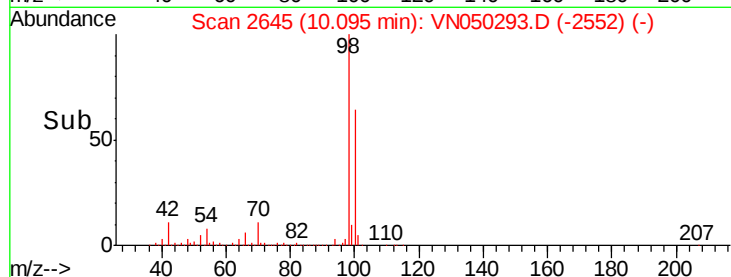
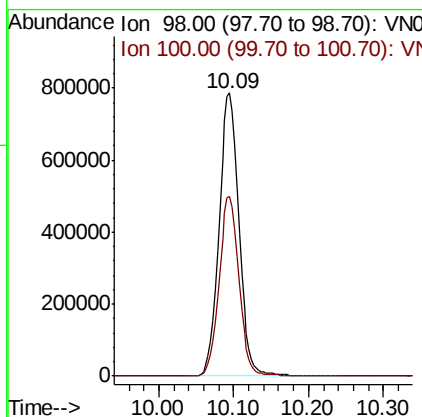
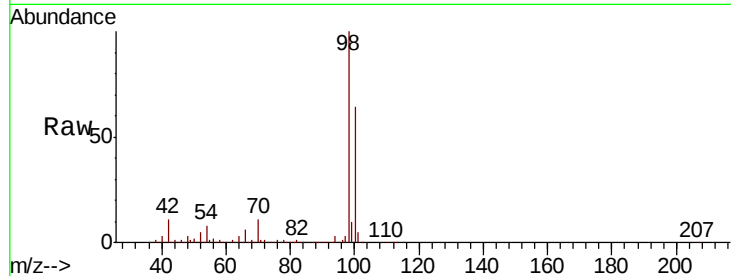




#50
Toluene-d8
Concen: 44.93 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

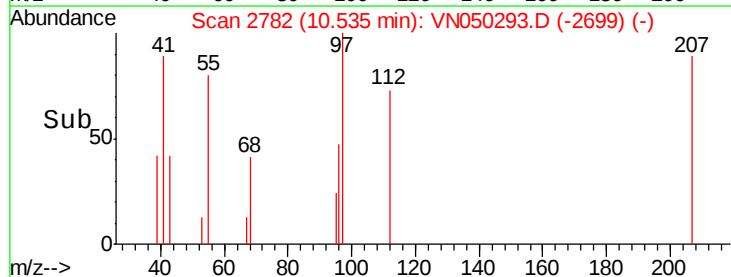
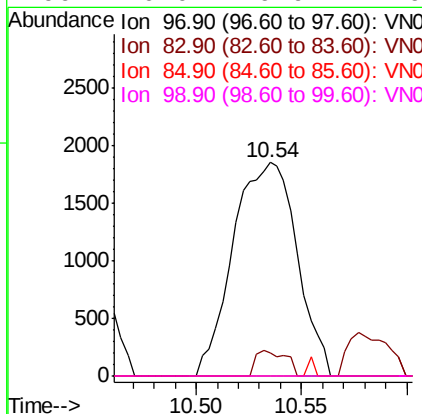
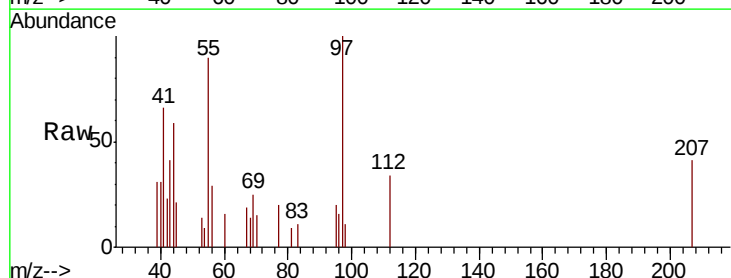
Instrument :
MSVOA_N
ClientSampleId :
MW-A02

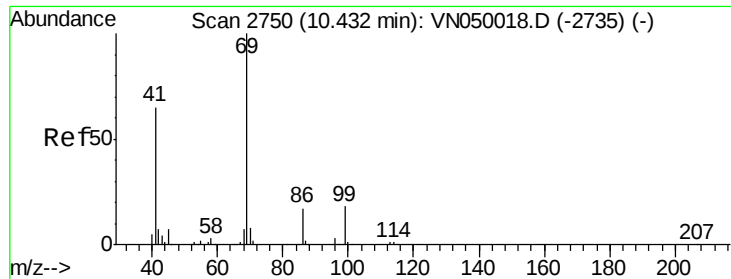
Tot Ion: 98 Resp: 1445261
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



#55
1,1,2-Trichloroethane
Concen: 0.45 ug/l
RT: 10.54 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion: 97 Resp: 3886
Ion Ratio Lower Upper
97 100
83 10.9 69.2 103.8#
85 0.0 44.0 66.0#
99 0.0 49.9 74.9#





#56

Ethyl methacrylate

Concen: 2.25 ug/l

RT: 10.44 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampled :

MW-A02

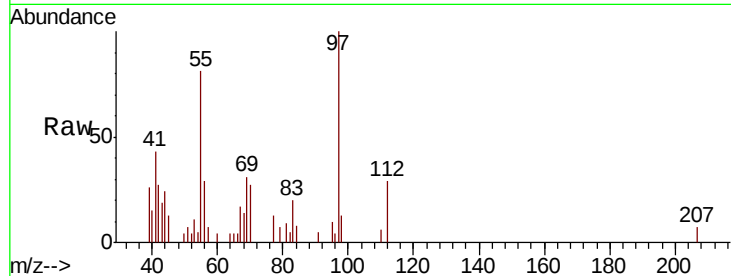
Tot Ion: 69 Resp: 2666

Ion Ratio Lower Upper

69 100

41 184.4 51.0 76.4#

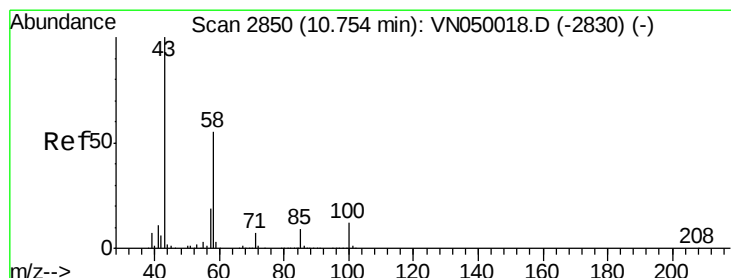
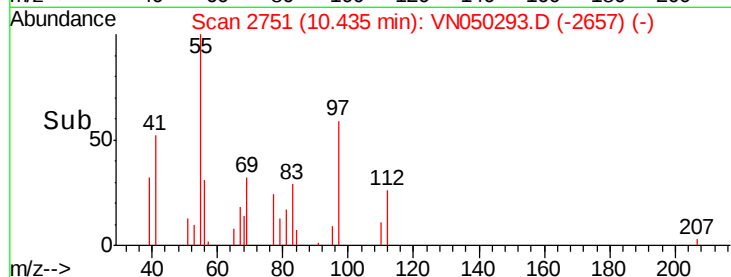
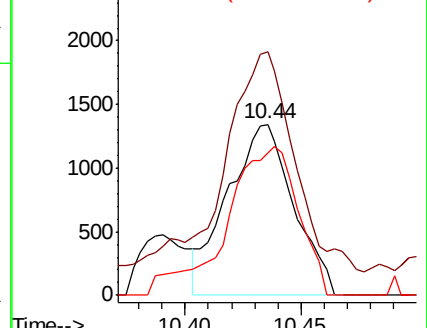
39 94.6 26.6 40.0#



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: 5.21 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. -0.15 min

Lab File: VN050293.D

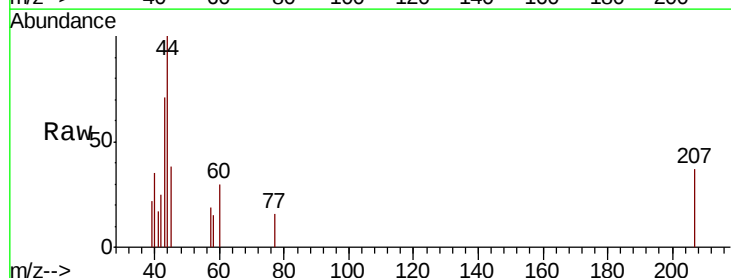
Acq: 3 Aug 2018 4:12

Tgt Ion: 43 Resp: 238

Ion Ratio Lower Upper

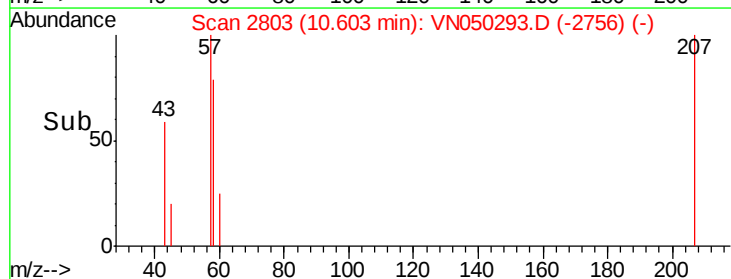
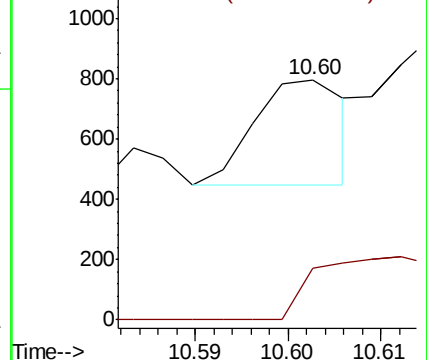
43 100

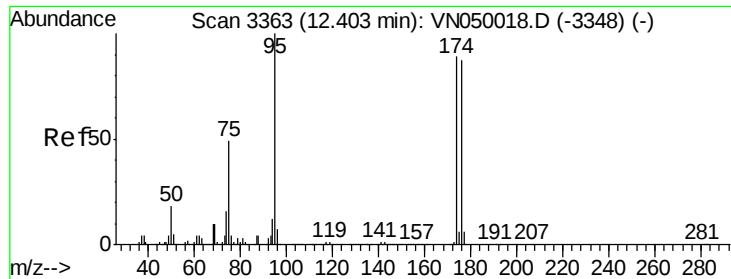
58 77.7 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 42.74 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampleId :

MW-A02

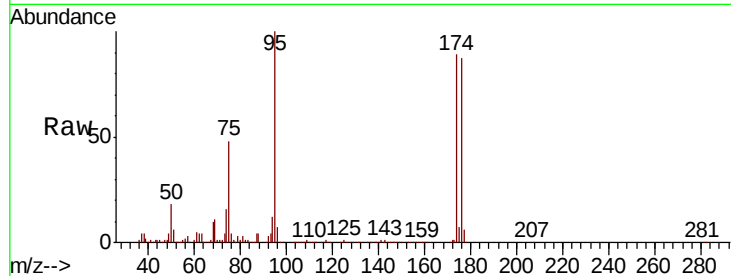
Tot Ion: 95 Resp: 452660

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.2

176 86.7 0.0 173.4

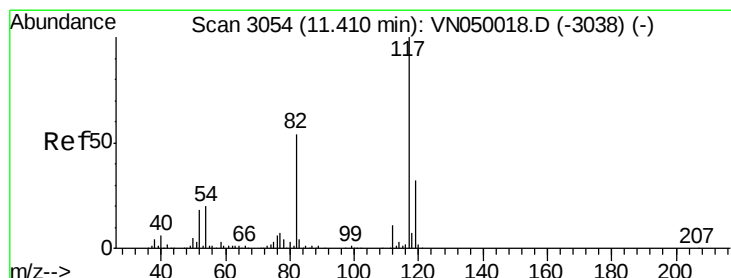
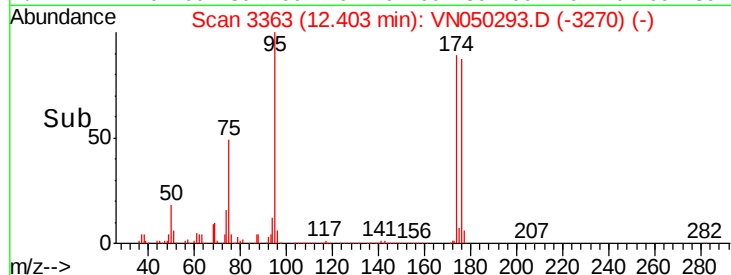


Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

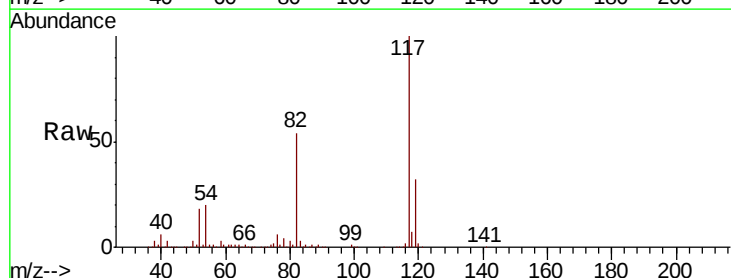
Tgt Ion: 117 Resp: 901850

Ion Ratio Lower Upper

117 100

82 53.7 43.7 65.5

119 32.1 26.1 39.1

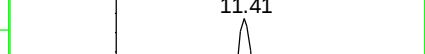
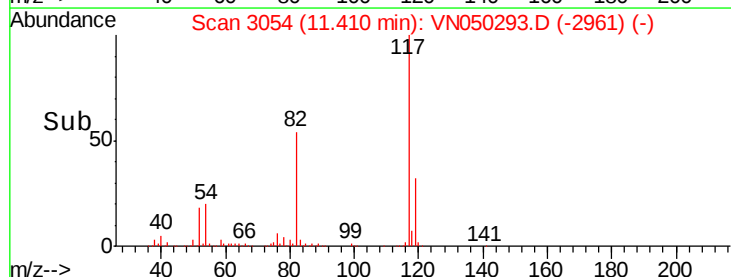


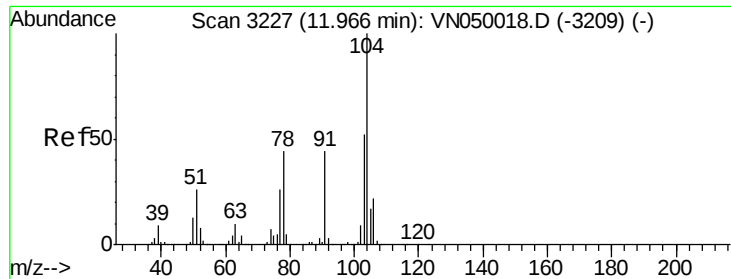
Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)

Time-->





#70

Stvrene

Concen: 0.93 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampled :

MW-A02

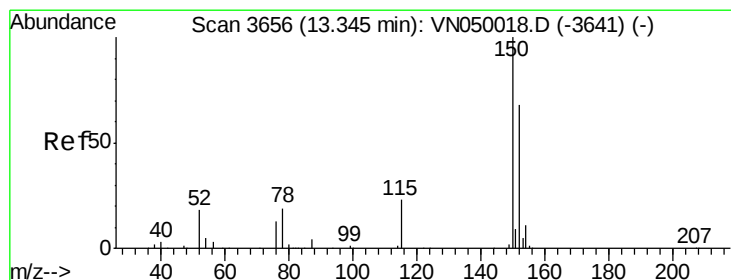
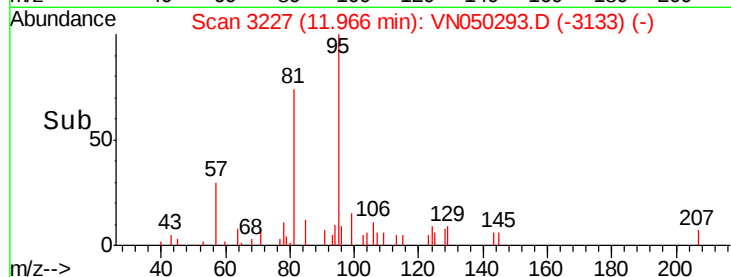
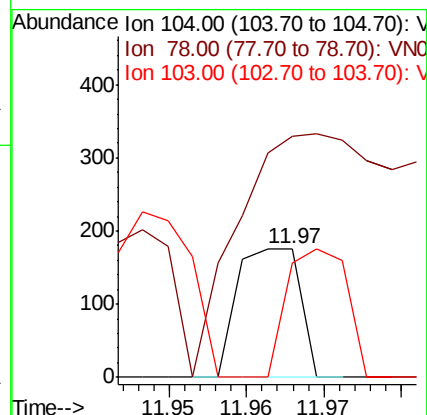
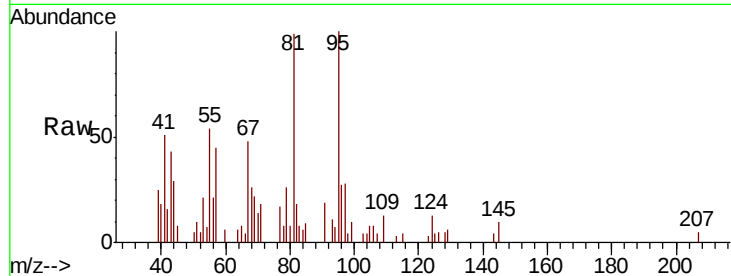
Tot Ion:104 Resp: 99

Ion Ratio Lower Upper

104 100

78 626.3 39.3 58.9#

103 96.0 45.0 67.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

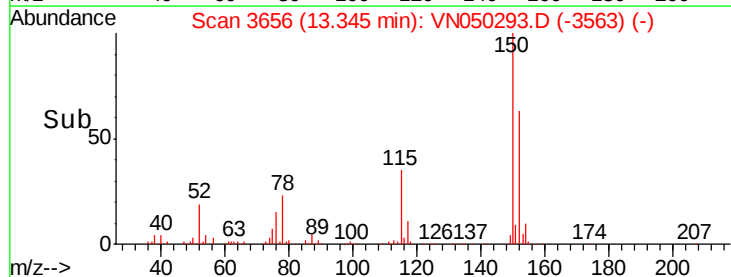
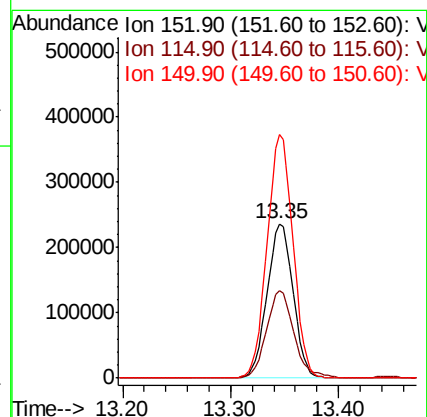
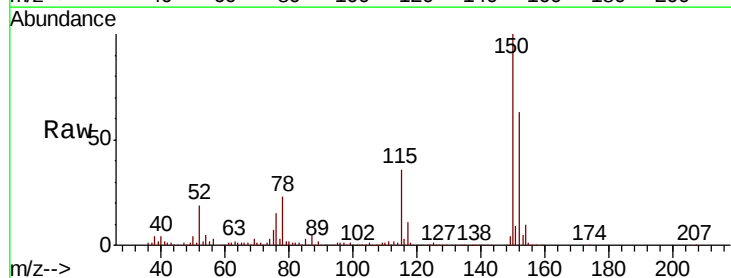
Tgt Ion:152 Resp: 393772

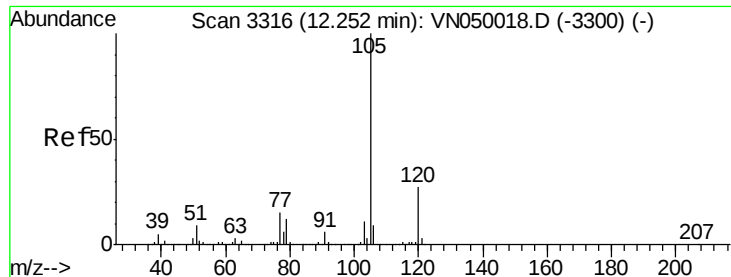
Ion Ratio Lower Upper

152 100

115 59.2 27.8 83.3

150 157.7 0.0 348.6





#73

Isopropylbenzene

Concen: 0.35 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampleId :

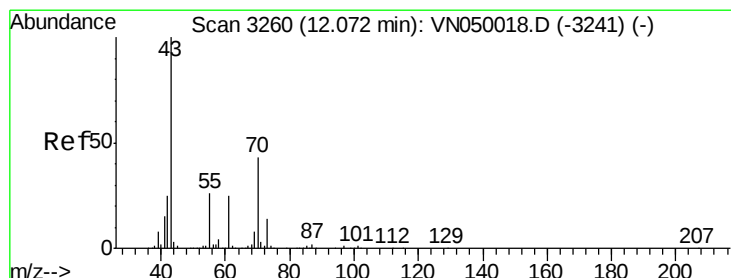
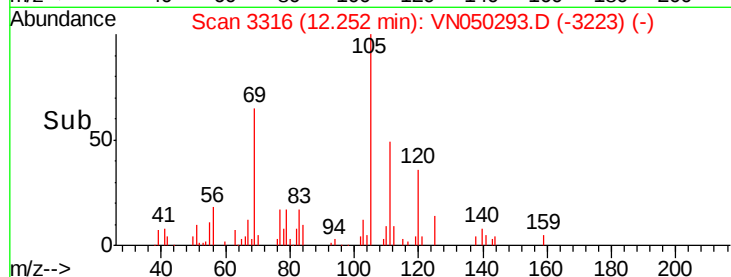
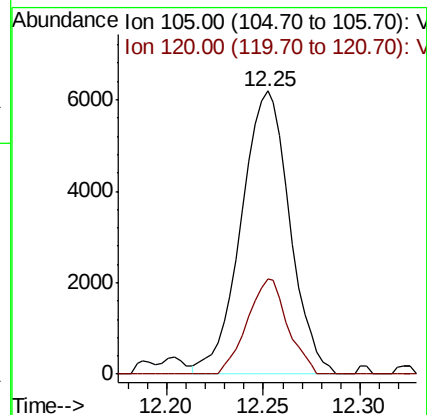
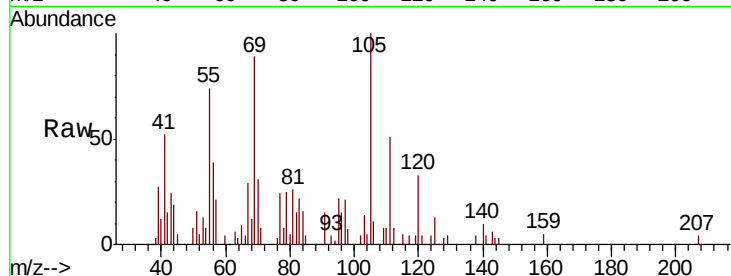
MW-A02

Tot Ion:105 Resp: 10807

Ion Ratio Lower Upper

105 100

120 27.8 13.3 39.8



#74

N-ethyl acetate

Concen: 1.86 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. -0.03 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Tgt Ion: 43 Resp: 17346

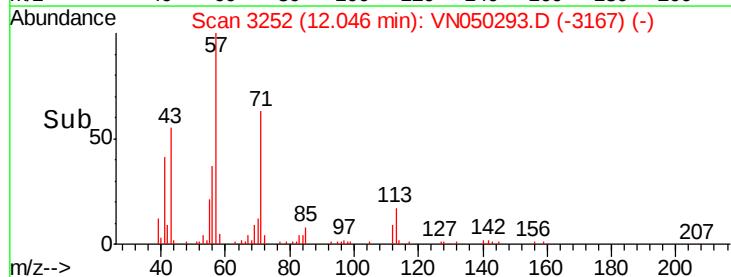
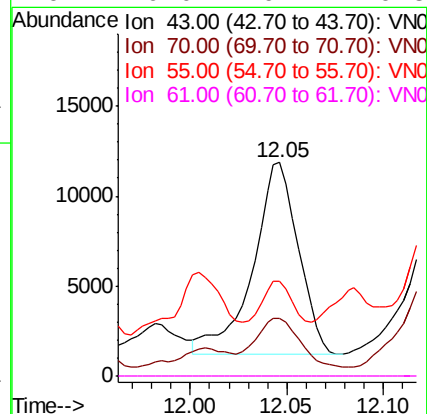
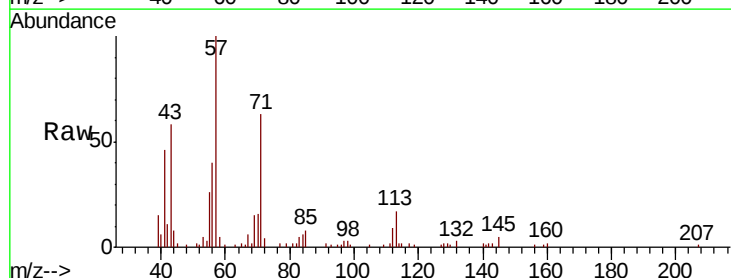
Ion Ratio Lower Upper

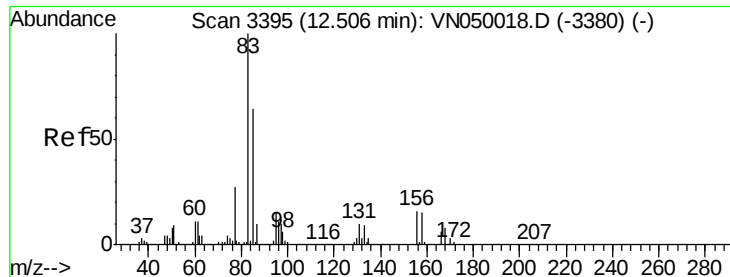
43 100

70 24.9 34.4 51.6#

55 12.7 20.8 31.2#

61 0.0 19.7 29.5#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3384

Delta R.T. -0.03 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampled :

MW-A02

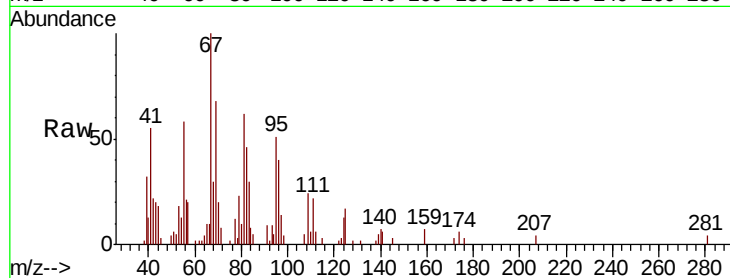
Tot Ion: 83 Resp: 4603

Ion Ratio Lower Upper

83 100

131 2.0 5.1 15.3#

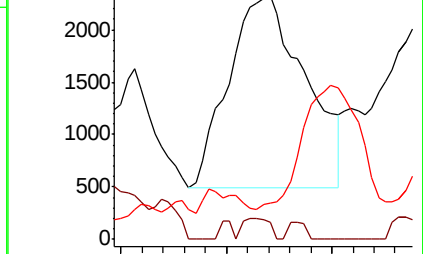
85 0.0 32.3 96.8#



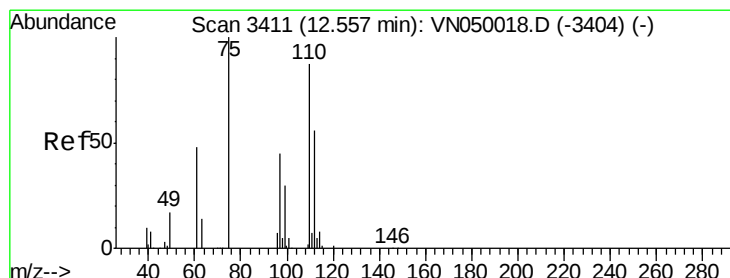
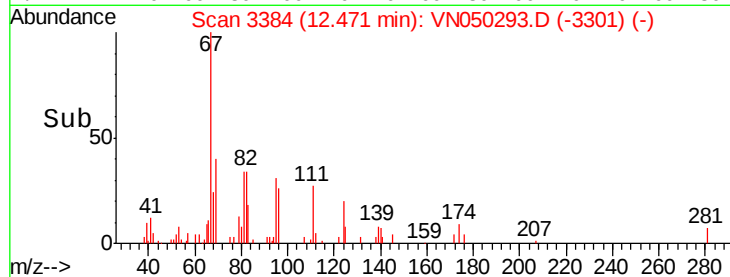
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 29.86 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050293.D

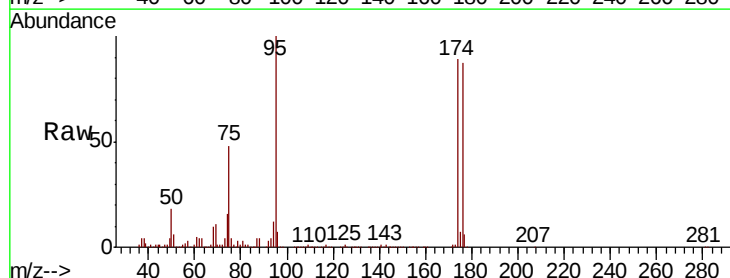
Acq: 3 Aug 2018 4:12

Tgt Ion: 75 Resp: 218517

Ion Ratio Lower Upper

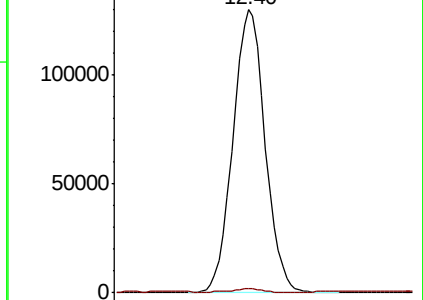
75 100

77 1.1 0.0 0.0#

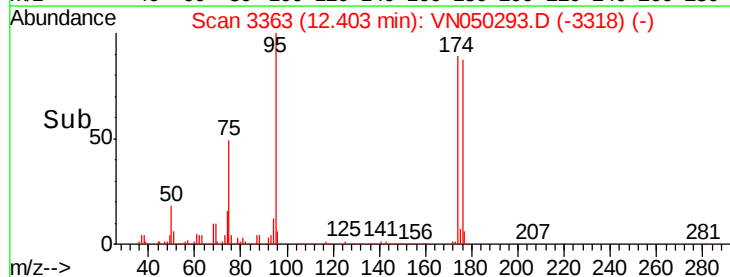


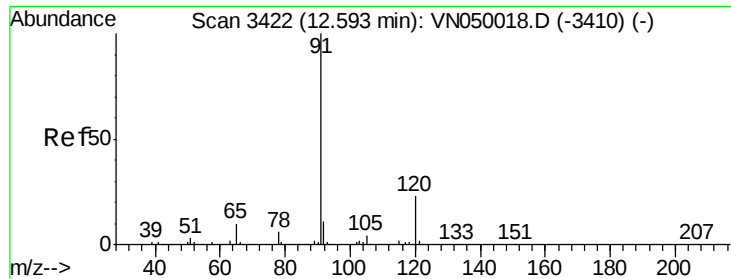
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->

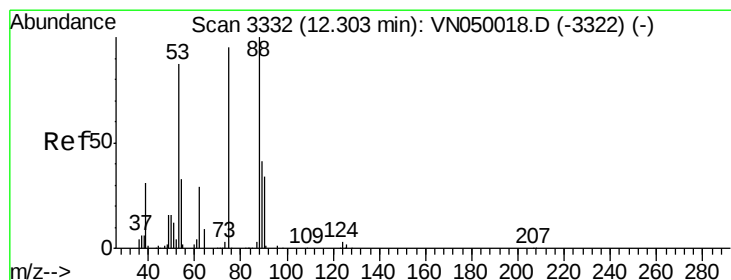
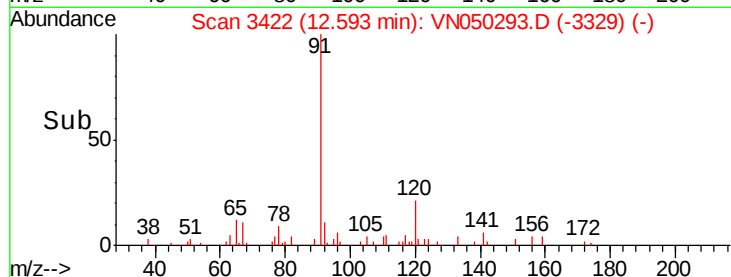
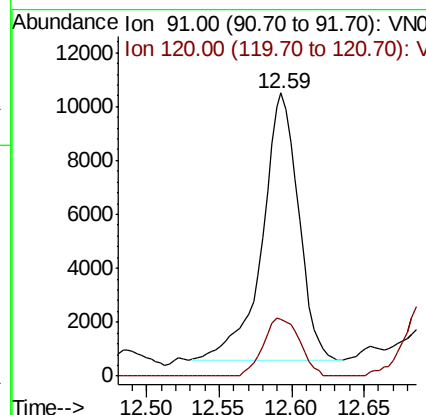
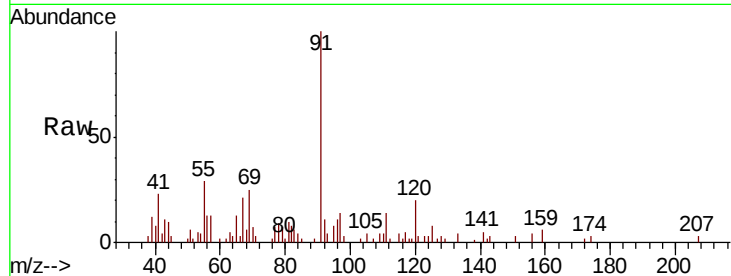




#78
n-propylbenzene
Concen: 0.51 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

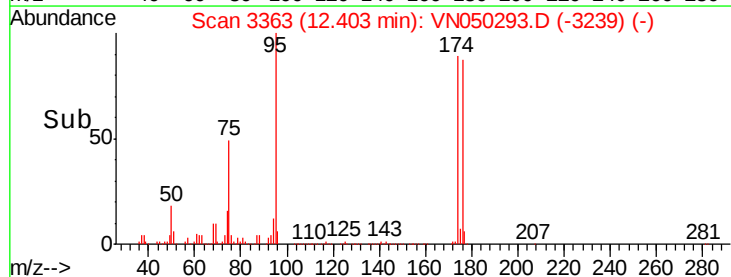
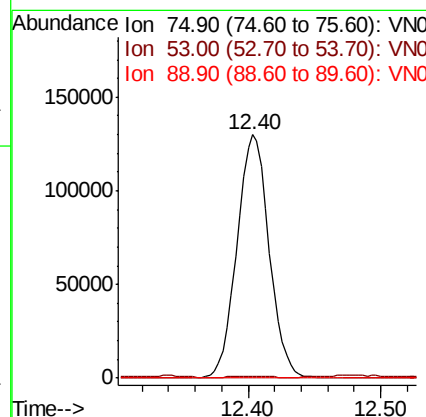
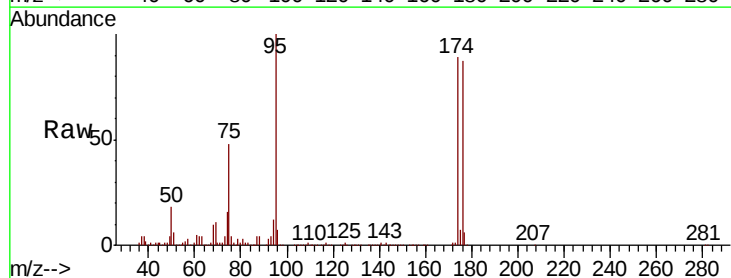
Instrument :
MSVOA_N
ClientSampled :
MW-A02

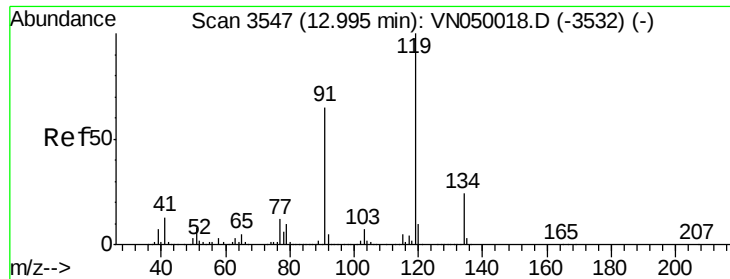
Tot Ion: 91 Resp: 17332
Ion Ratio Lower Upper
91 100
120 21.5 11.6 34.7



#81
trans-1,4-Dichloro-2-butene
Concen: 94.71 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion: 75 Resp: 218517
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.0 36.0 54.0#

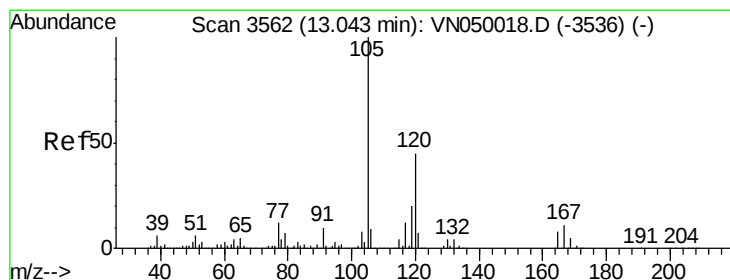
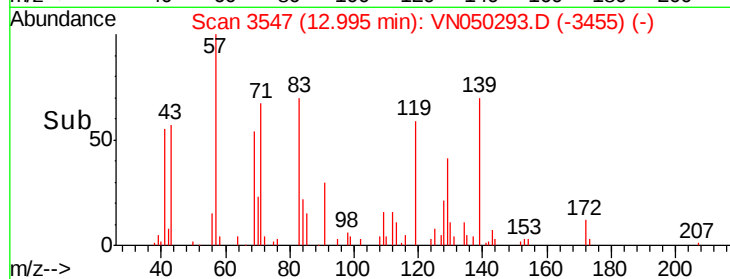
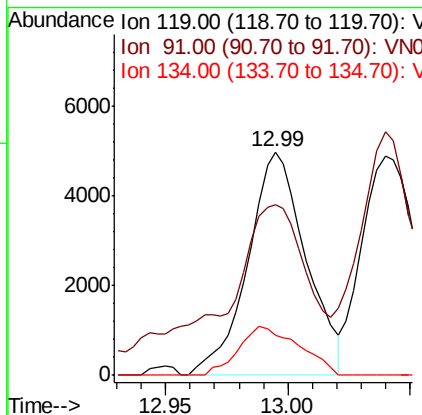
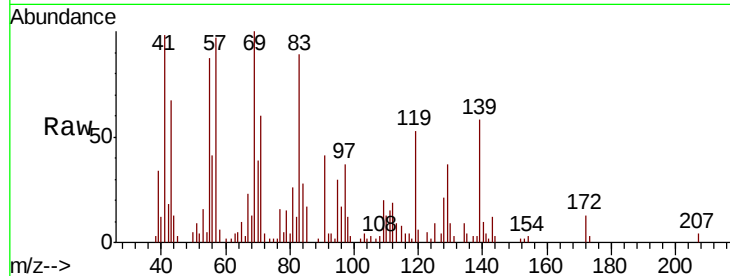




#83
 tert-Butylbenzene
 Concen: 0.39 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050293.D
 Acq: 3 Aug 2018 4:12

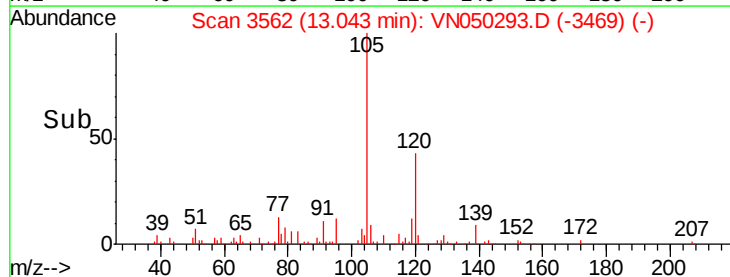
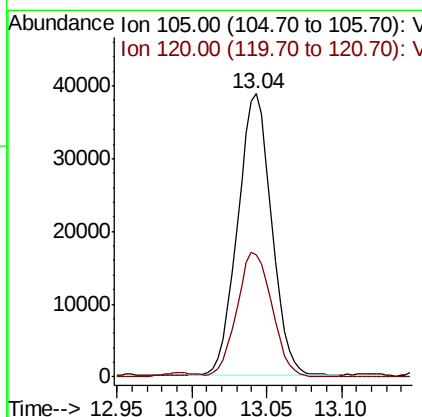
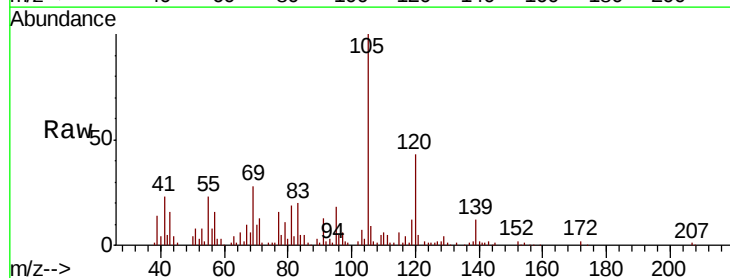
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A02

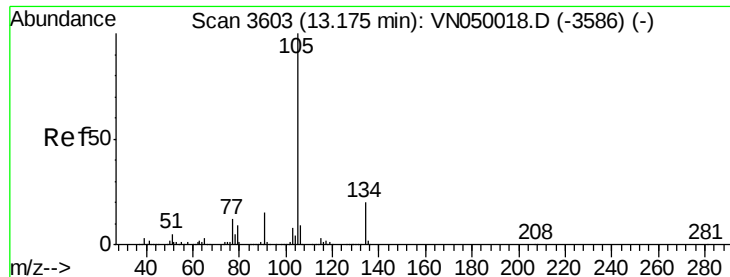
Tot Ion:119 Resp: 8213
 Ion Ratio Lower Upper
 119 100
 91 82.7 32.1 96.3
 134 22.8 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 2.52 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050293.D
 Acq: 3 Aug 2018 4:12

Tgt Ion:105 Resp: 60944
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.7





#85

sec-Butylbenzene

Concen: 0.70 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampled :

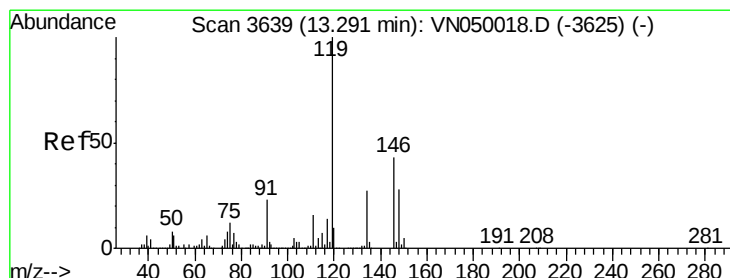
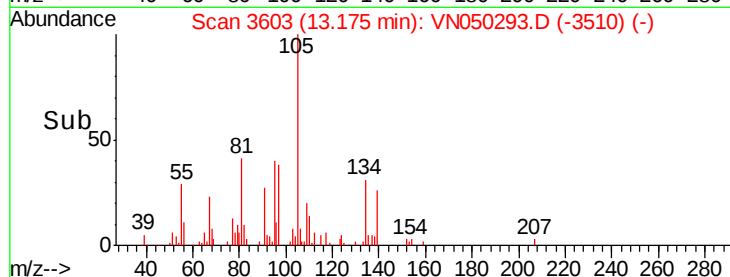
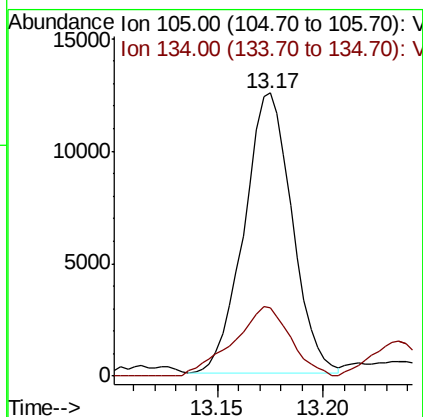
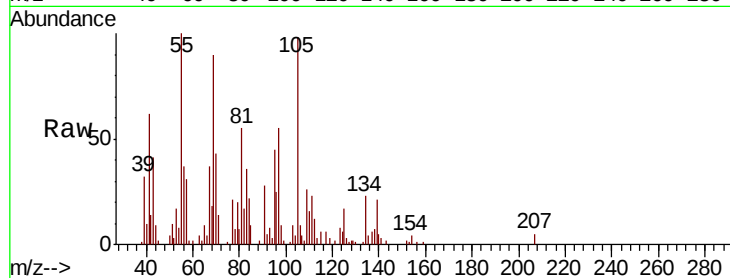
MW-A02

Tot Ion:105 Resp: 19637

Ion Ratio Lower Upper

105 100

134 29.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 0.38 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

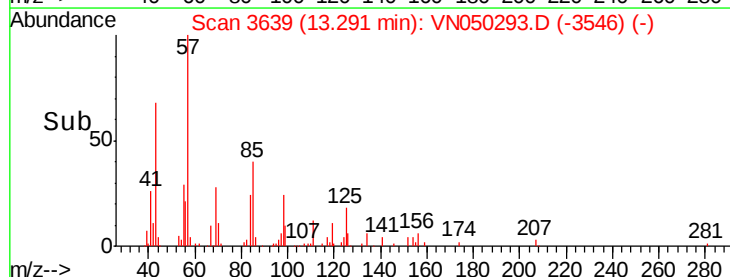
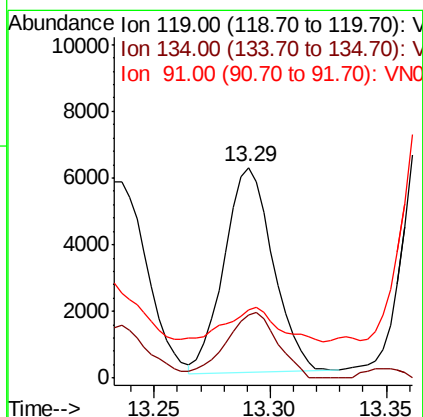
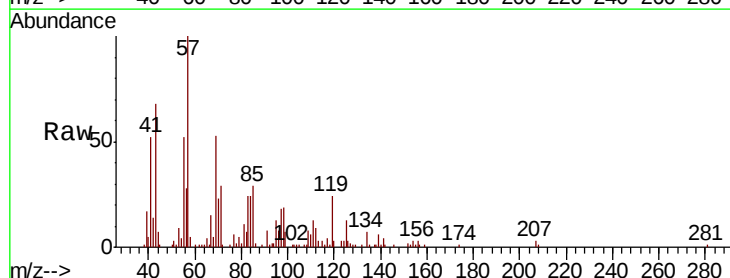
Tgt Ion:119 Resp: 8970

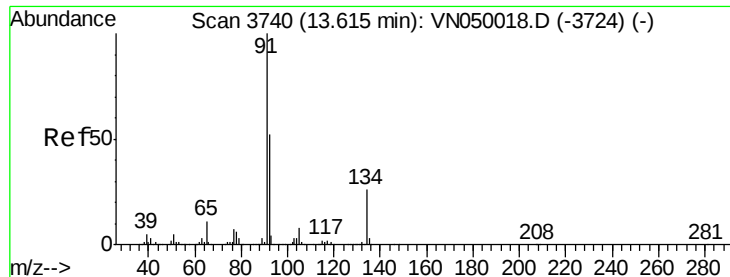
Ion Ratio Lower Upper

119 100

134 34.3 13.3 39.8

91 16.6 11.4 34.2





#89

n-Butylbenzene

Concen: 0.50 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampled :

MW-A02

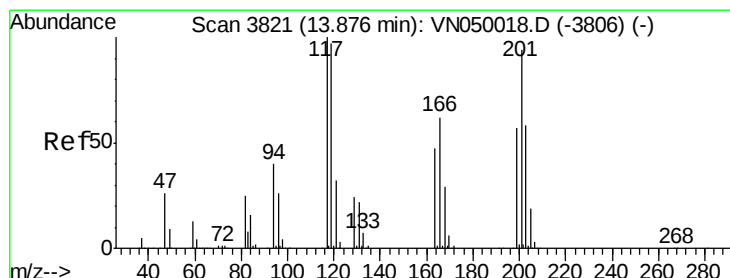
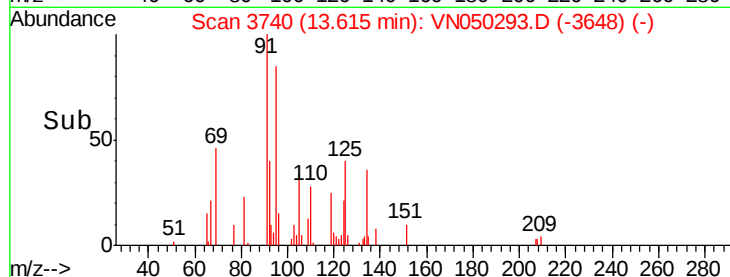
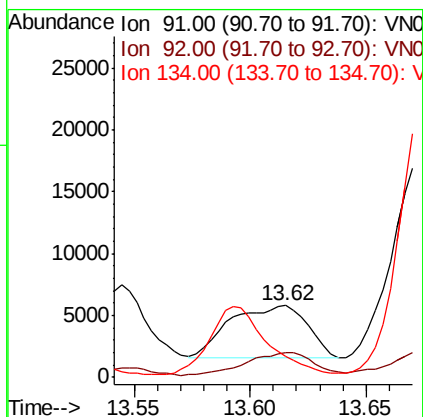
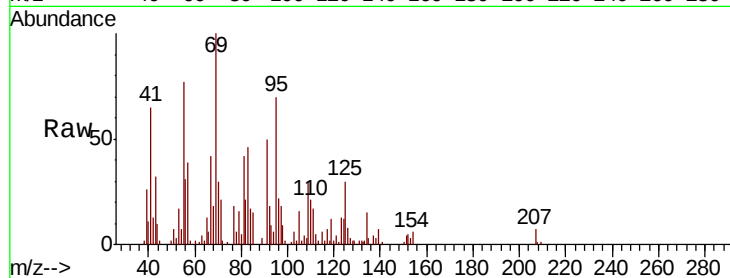
Tot Ion: 91 Resp: 9762

Ion Ratio Lower Upper

91 100

92 37.1 25.8 77.4

134 0.0 12.8 38.4#



#90

Hexachloroethane

Concen: 2.84 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN050293.D

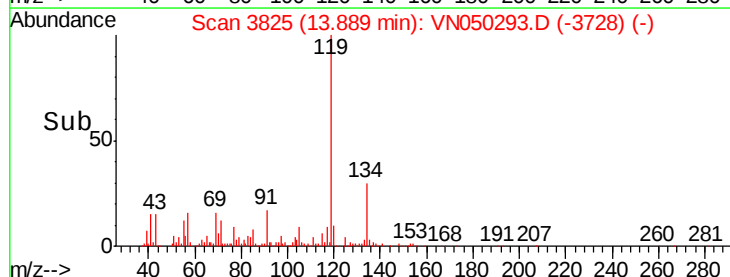
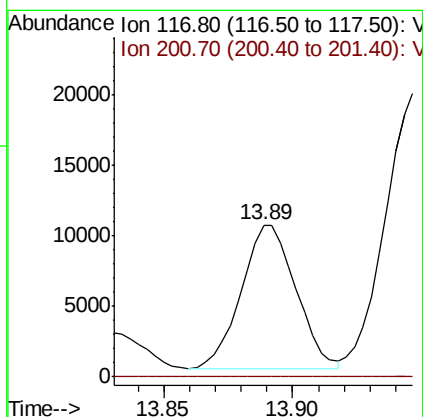
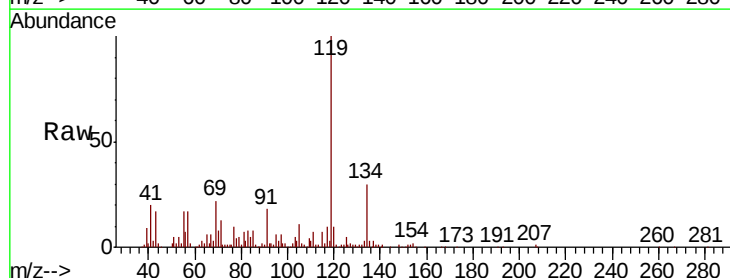
Acq: 3 Aug 2018 4:12

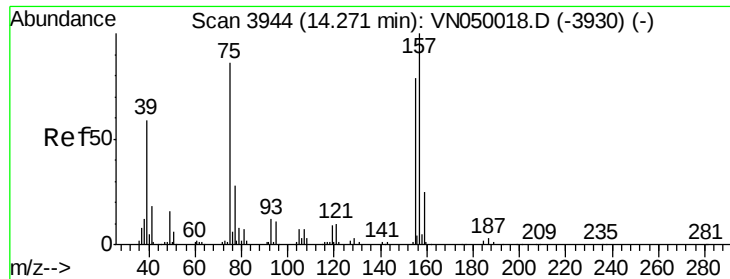
Tgt Ion: 117 Resp: 14867

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#

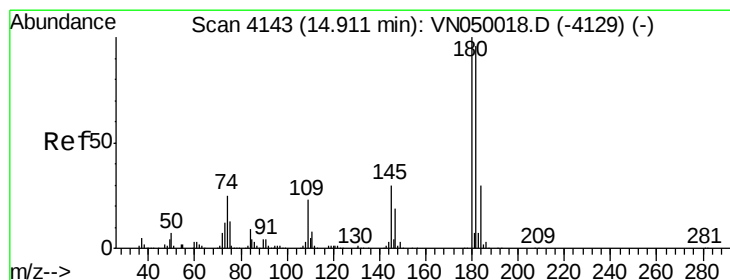
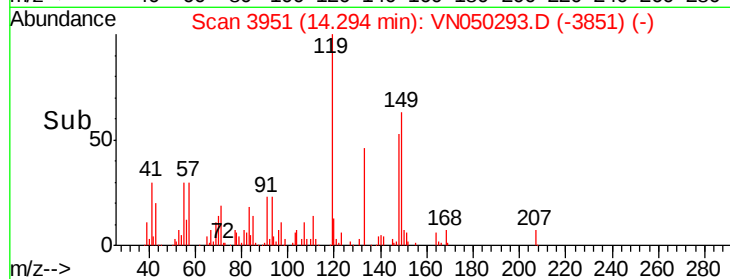
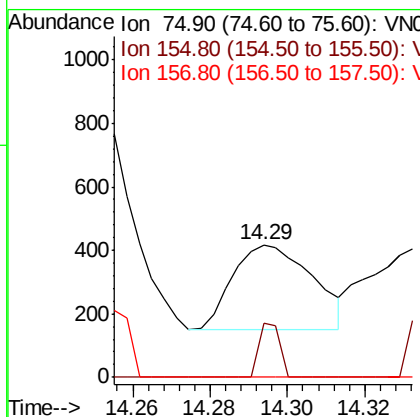
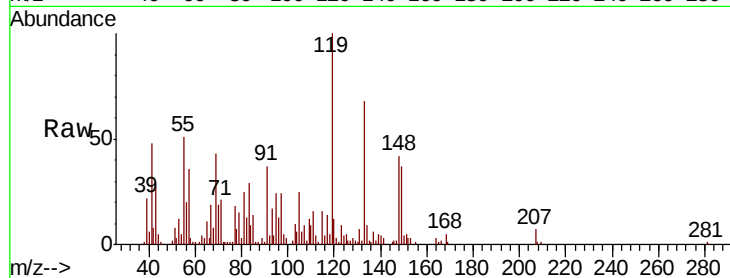




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.29 min Scan# 3951
 Delta R.T. 0.02 min
 Lab File: VN050293.D
 Acq: 3 Aug 2018 4:12

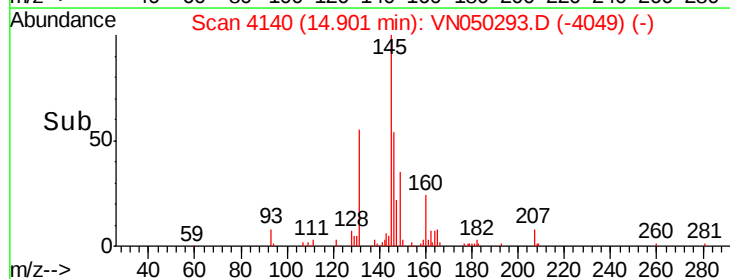
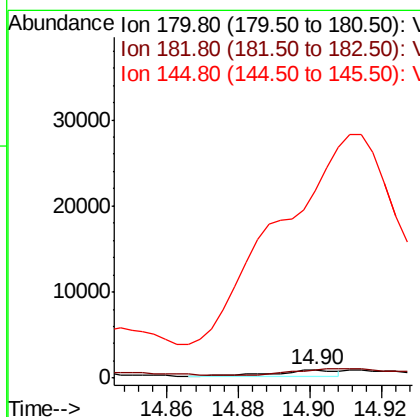
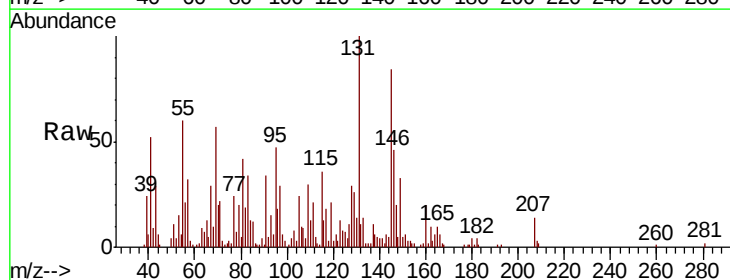
Instrument :
 MSVOA_N
 ClientSampled :
 MW-A02

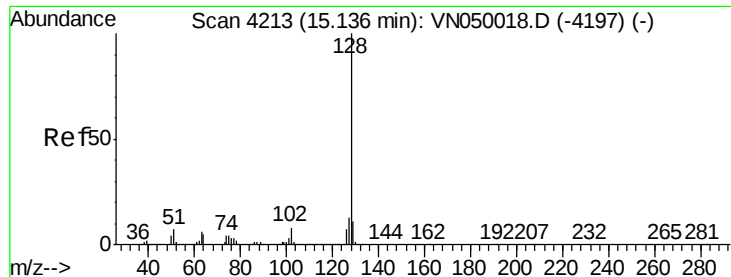
Tot Ion: 75 Resp: 378
 Ion Ratio Lower Upper
 75 100
 155 17.2 44.8 134.4#
 157 0.0 57.2 171.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.20 ug/l
 RT: 14.90 min Scan# 4140
 Delta R.T. -0.01 min
 Lab File: VN050293.D
 Acq: 3 Aug 2018 4:12

Tgt Ion: 180 Resp: 961
 Ion Ratio Lower Upper
 180 100
 182 164.9 46.7 140.1#
 145 7082.0 13.8 41.4#

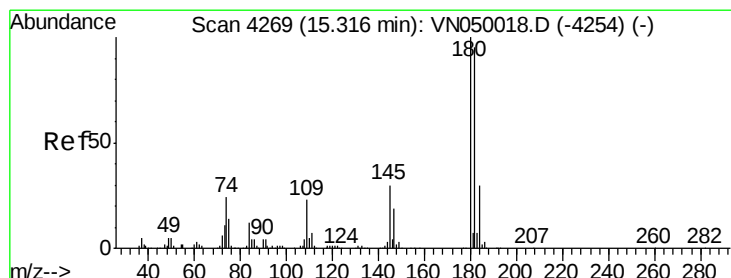
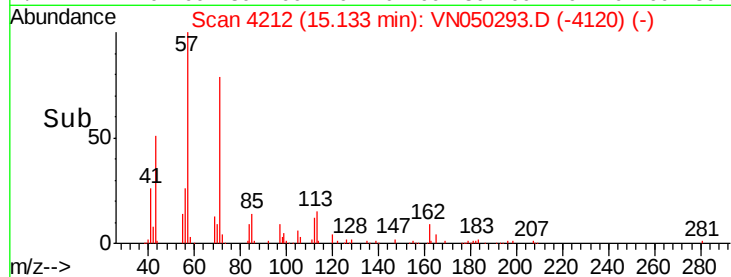
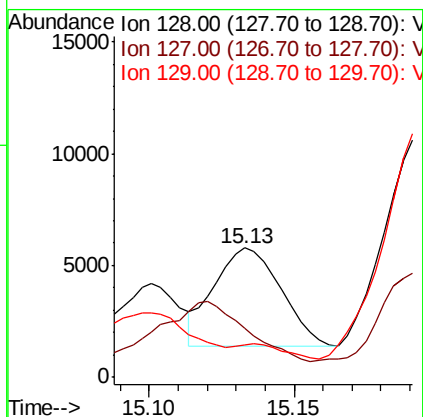
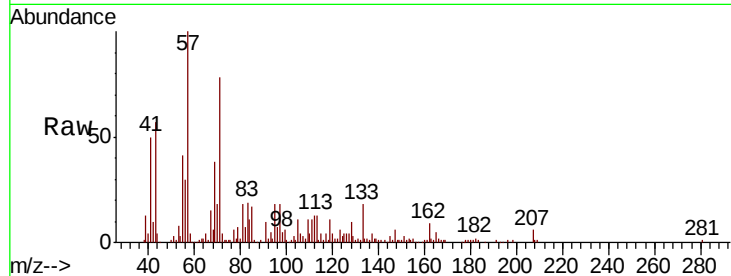




#95
Naphthalene
Concen: 4.77 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Instrument :
MSVOA_N
ClientSampled :
MW-A02

Tot Ion:128 Resp: 6940
Ion Ratio Lower Upper
128 100
127 81.5 10.4 15.6#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 2.39 ug/l
RT: 15.34 min Scan# 4276
Delta R.T. 0.02 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion:180 Resp: 1393
Ion Ratio Lower Upper
180 100
182 0.0 48.1 144.4#
145 0.0 15.3 45.9#

