

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050138.D
 Acq On : 27 Jul 2018 18:43
 Operator : MD\SY
 Sample : J4184DL 01DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3BDL

Quant Time: Jul 27 23:33:14 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	806725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1245181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1051012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	455749	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	523915	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
35) Dibromofluoromethane	7.59	113	459025	45.15	ug/l	0.00
Spiked Amount			Recovery	=	90.30%	
50) Toluene-d8	10.09	98	1707968	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.40	95	530861	43.13	ug/l	0.00
Spiked Amount			Recovery	=	86.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.53	94	1628	Below Cal		98
11) Tert butyl alcohol	4.75	59	1235	1.49 ug/l	#	72
16) Acetone	3.83	43	1690	Below Cal		98
18) Methyl Acetate	4.33	43	10694	Below Cal	#	83
20) Methylene Chloride	4.55	84	2977	Below Cal	#	66
31) Cyclohexane	7.67	56	19706	1.20 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	54655	3.90 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	71968	4.83 ug/l	#	16
39) Methylcyclohexane	9.08	83	7198	0.50 ug/l		99
40) Benzene	8.05	78	821002	19.23 ug/l		99
41) Methacrylonitrile	7.23	41	712	2.88 ug/l	#	12
42) 1,2-Dichloroethane	8.05	62	7008	0.49 ug/l	#	74
43) Isopropyl Acetate	8.26	43	94236	4.07 ug/l	#	61
51) 4-Methyl-2-Pentanone	10.09	43	6913	0.72 ug/l	#	1
52) Toluene	10.16	92	80117	3.18 ug/l		100
56) Ethyl methacrylate	10.43	69	67	2.04 ug/l	#	1
59) 2-Hexanone	10.76	43	375	5.23 ug/l	#	24
67) Ethyl Benzene	11.51	91	1143413	26.81 ug/l		100
68) m/p-Xylenes	11.63	106	123154	7.63 ug/l		99
69) o-Xylene	11.95	106	131261	8.54 ug/l		97
70) Styrene	11.95	104	10961	1.32 ug/l	#	1
71) Bromoform	12.41	173	3764	0.51 ug/l	#	1
73) Isopropylbenzene	12.25	105	55222	1.56 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.40	83	191	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	260674	30.78 ug/l	#	100
78) n-propylbenzene	12.60	91	24619	0.62 ug/l		96
79) 2-Chlorotoluene	12.69	91	8352	0.34 ug/l	#	41
80) 1,3,5-Trimethylbenzene	12.74	105	42316	1.52 ug/l		97
81) trans-1,4-Dichloro-2-buten	12.40	75	260674	97.62 ug/l	#	13
83) tert-Butylbenzene	13.04	119	16897	0.70 ug/l	#	63
84) 1,2,4-Trimethylbenzene	13.04	105	120818	4.31 ug/l		100
85) sec-Butylbenzene	13.04	105	120818	3.73 ug/l	#	56
86) p-Isopropyltoluene	13.29	119	9263	0.34 ug/l		94
90) Hexachloroethane	13.90	117	1463	0.24 ug/l	#	4

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
Data File : VN050138.D
Acq On : 27 Jul 2018 18:43
Operator : MD\SY
Sample : J4184DL 01DL 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

Quant Time: Jul 27 23:33:14 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

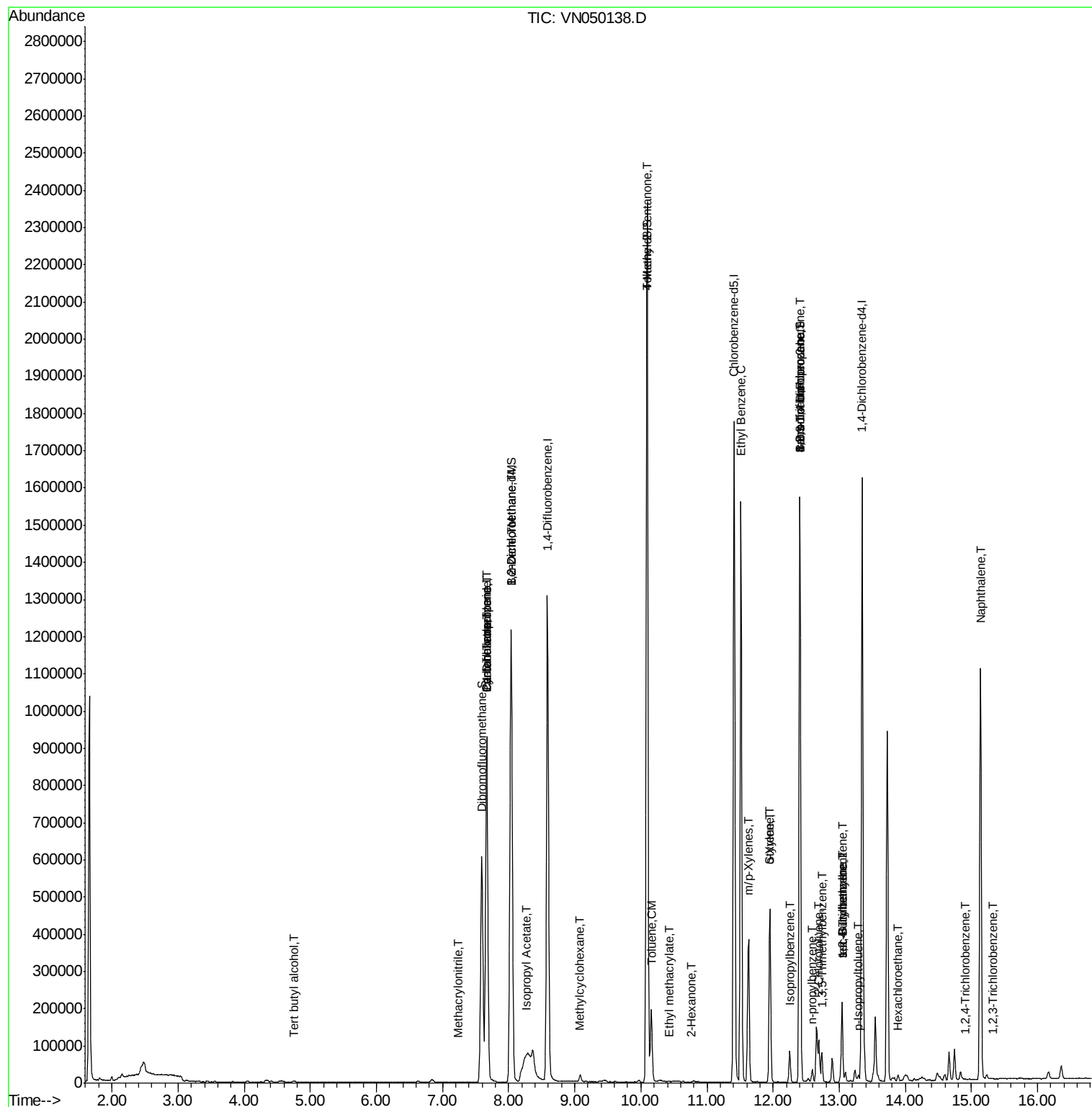
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.26	75	31	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	252	3.11	ug/l #	45
95) Naphthalene	15.14	128	971925	46.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	506	2.26	ug/l #	60

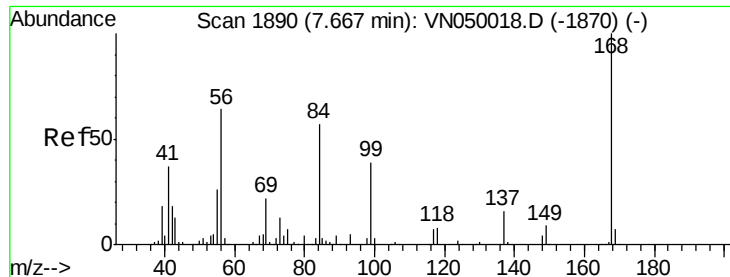
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072718\
Data File : VN050138.D
Acq On : 27 Jul 2018 18:43
Operator : MD\SY
Sample : J4184DL 01DL 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

Quant Time: Jul 27 23:33:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampleId :

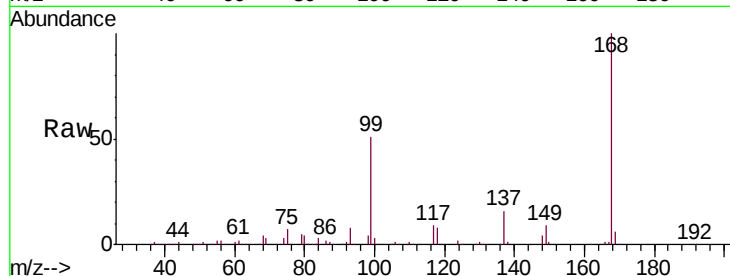
MW-3BDL

Tot Ion:168 Resp: 806725

Ion Ratio Lower Upper

168 100

99 50.7 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

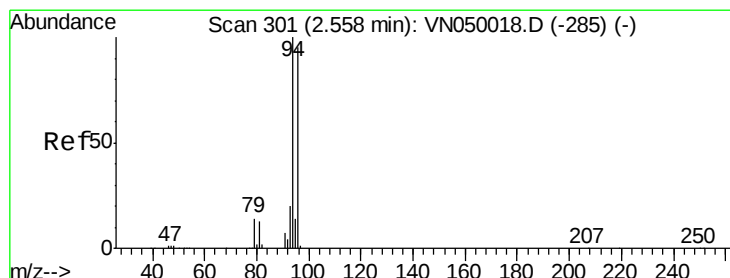
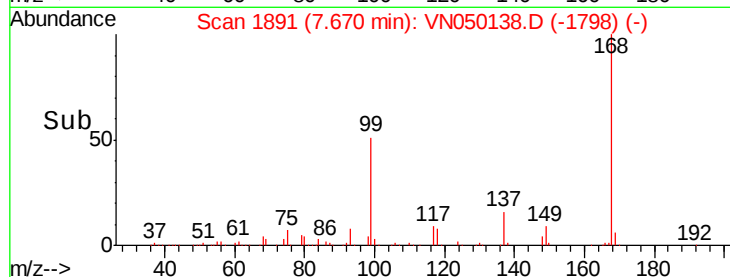
200000

100000

0

Time-->

7.60 7.70 7.80



#5

Bromomethane

Concen: Below Cal

RT: 2.53 min Scan# 291

Delta R.T. -0.03 min

Lab File: VN050138.D

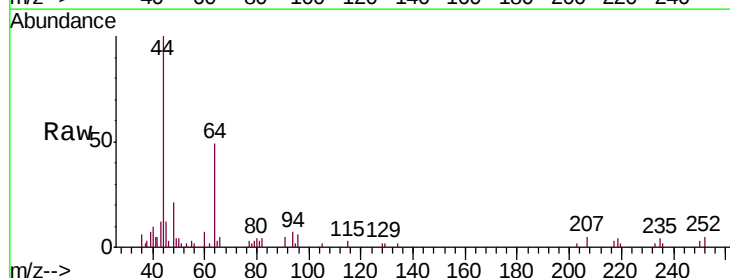
Acq: 27 Jul 2018 18:43

Tgt Ion: 94 Resp: 1628

Ion Ratio Lower Upper

94 100

96 94.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.53

600

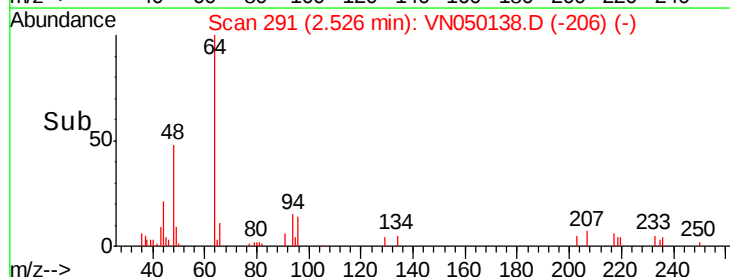
400

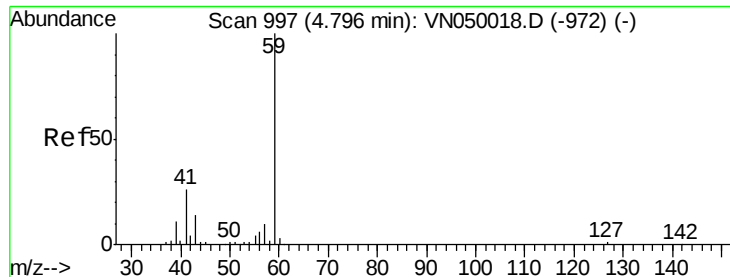
200

0

Time-->

2.50 2.55 2.60



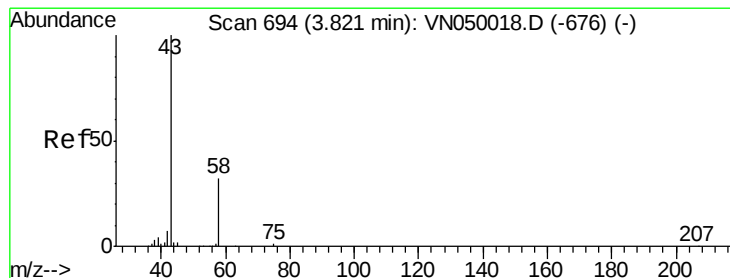
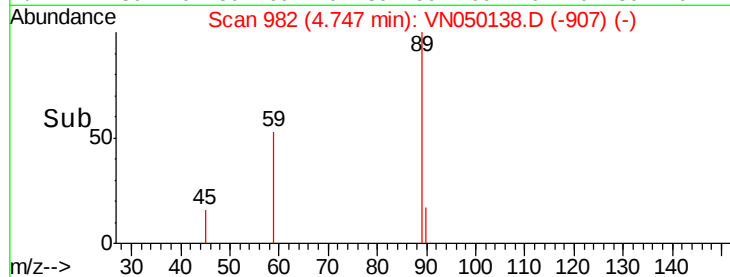
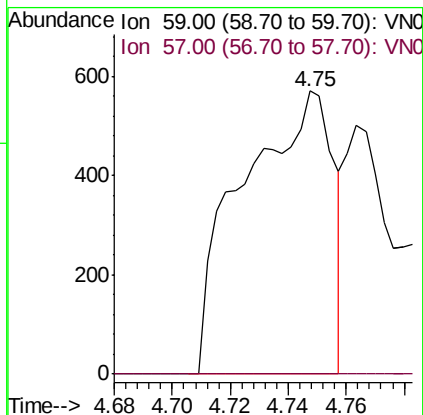
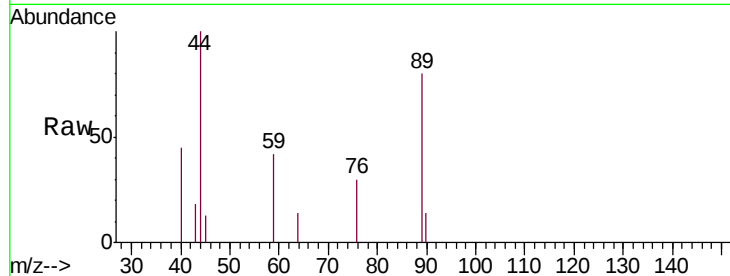


#11

Tert butyl alcohol
 Concen: 1.49 ug/l
 RT: 4.75 min Scan# 982
 Delta R.T. -0.06 min
 Lab File: VN050138.D
 Acq: 27 Jul 2018 18:43

Instrument :
 MSVOA_N
 ClientSampleID :
 MW-3BDL

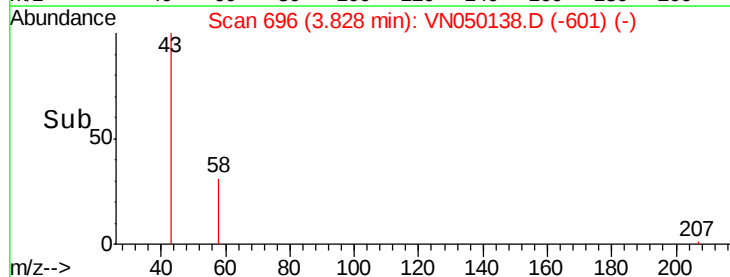
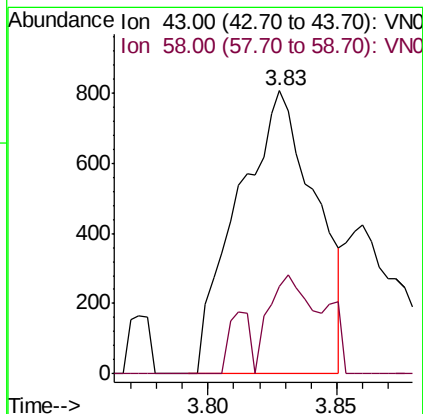
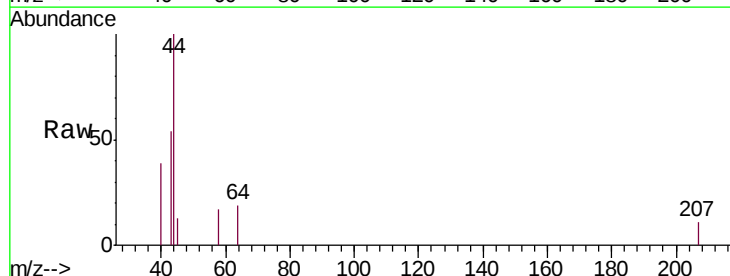
Tot Ion: 59 Resp: 1235
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

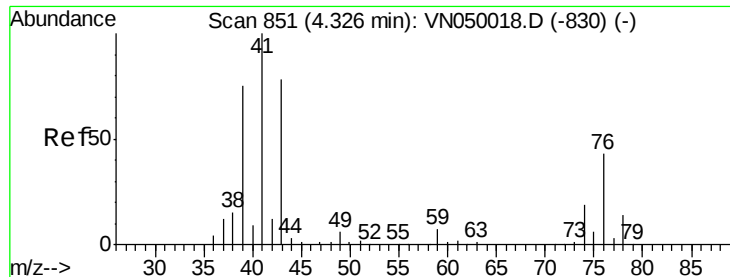


#16

Acetone
 Concen: Below Cal
 RT: 3.83 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: VN050138.D
 Acq: 27 Jul 2018 18:43

Tgt Ion: 43 Resp: 1690
 Ion Ratio Lower Upper
 43 100
 58 30.9 25.8 38.8





#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 852

Delta R.T. -0.00 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampleId :

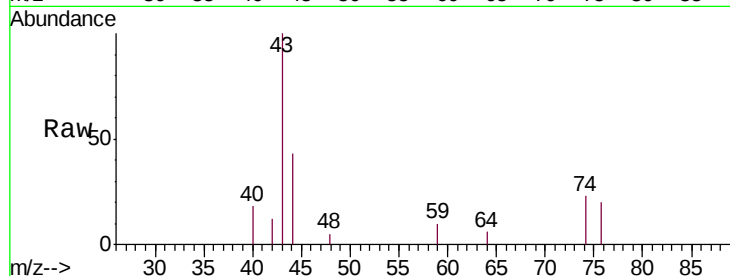
MW-3BDL

Tot Ion: 43 Resp: 10694

Ion Ratio Lower Upper

43 100

74 15.6 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4000

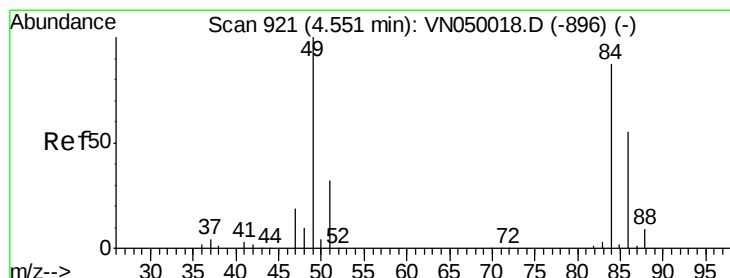
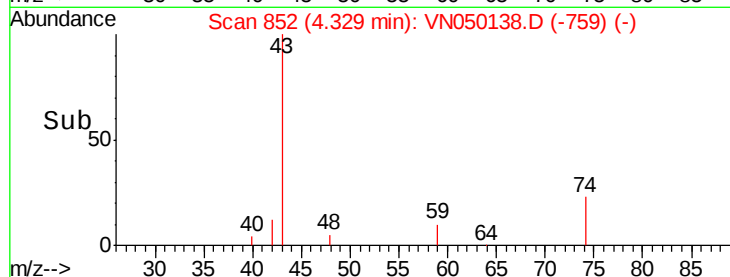
3000

2000

1000

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Tgt Ion: 84 Resp: 2977

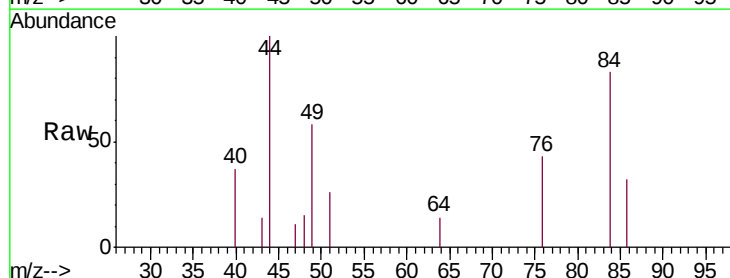
Ion Ratio Lower Upper

84 100

49 70.1 94.8 142.2#

51 31.7 28.3 42.5

86 39.0 51.0 76.6#



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

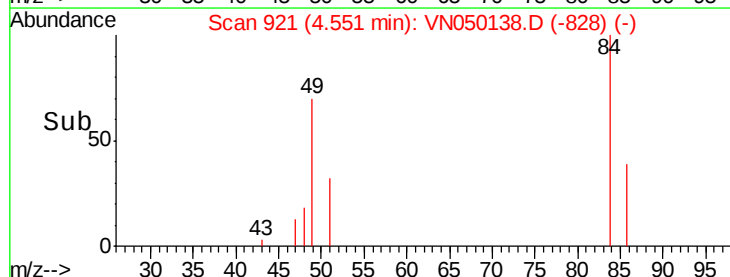
1500

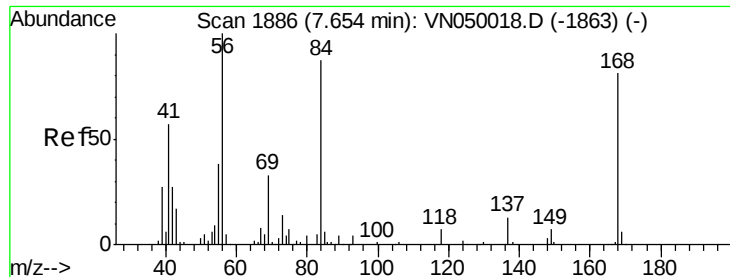
1000

500

0

Time-->

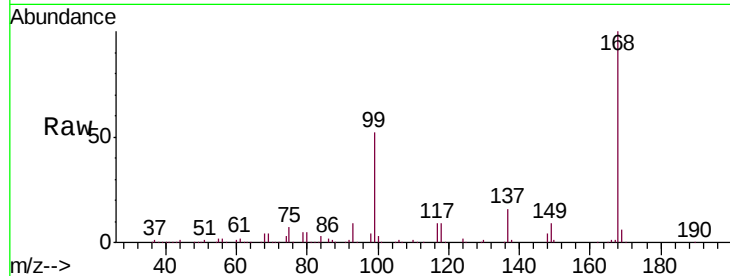




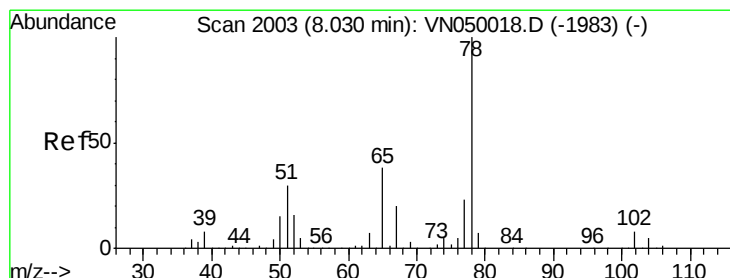
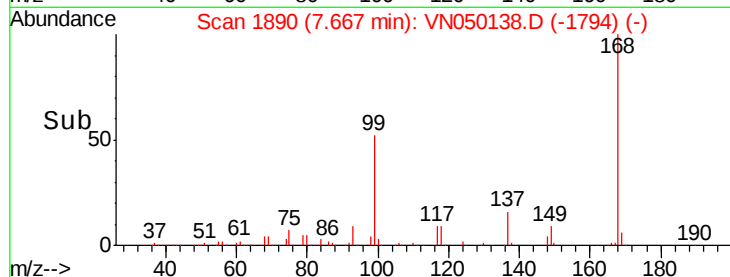
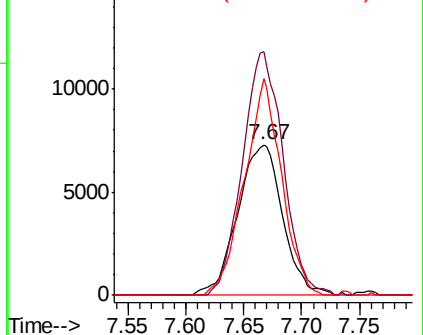
#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

Tot Ion: 56 Resp: 19706
Ion Ratio Lower Upper
56 100
69 161.9 26.2 39.4#
84 143.8 67.4 101.0#

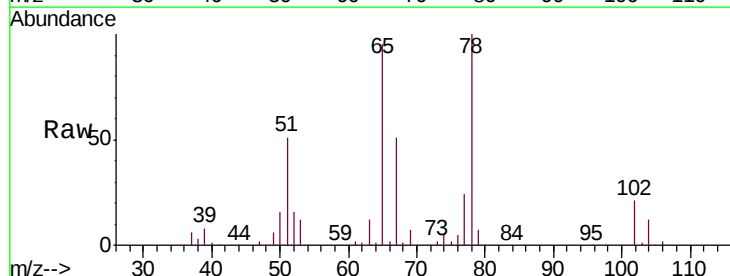


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

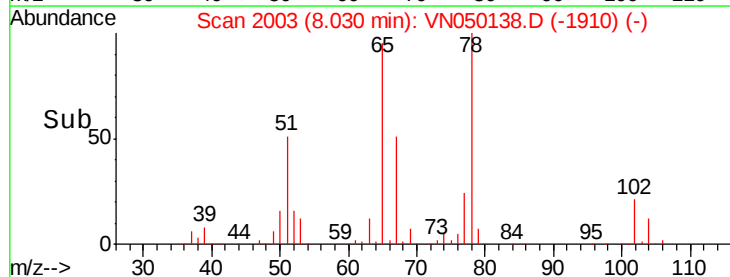
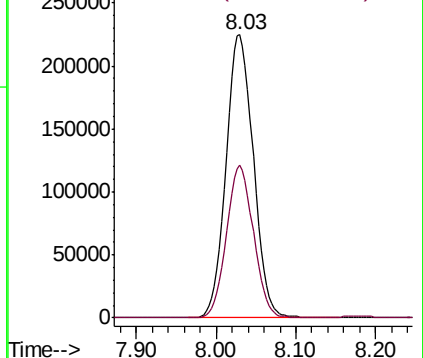


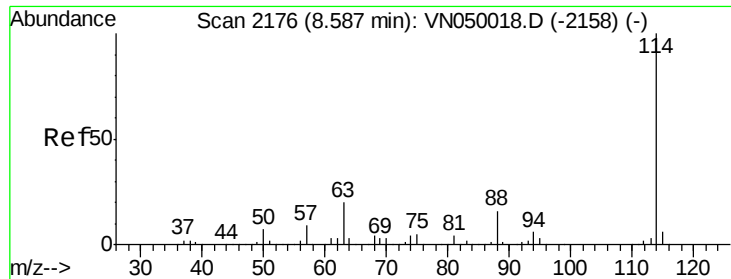
#33
1,2-Dichloroethane-d4
Concen: 46.55 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

Tgt Ion: 65 Resp: 523915
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

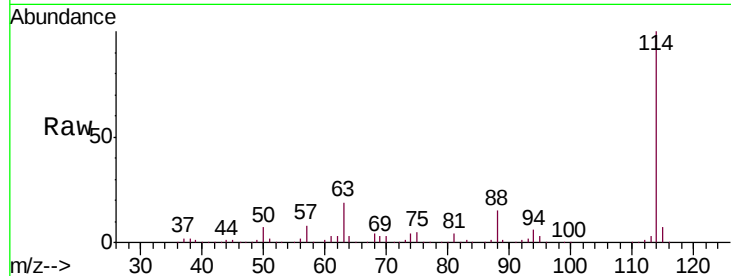




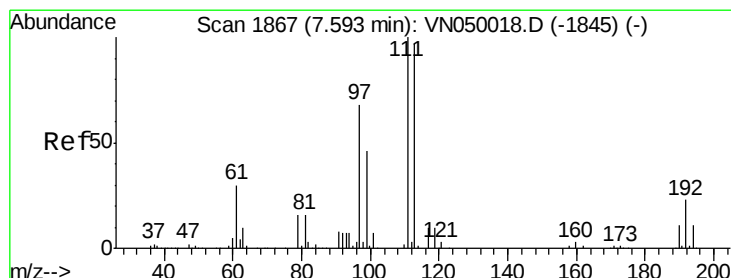
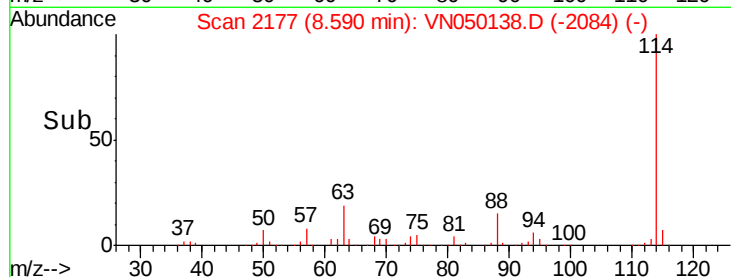
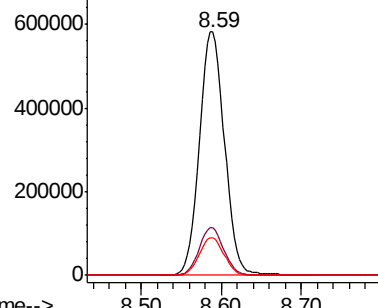
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050138.D
 Acq: 27 Jul 2018 18:43

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3BDL

Tot Ion:114 Resp: 1245181
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.3 0.0 31.2

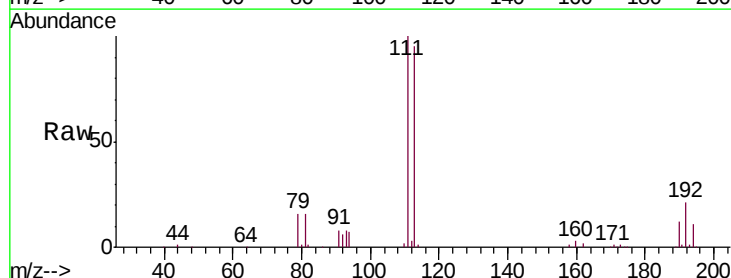


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

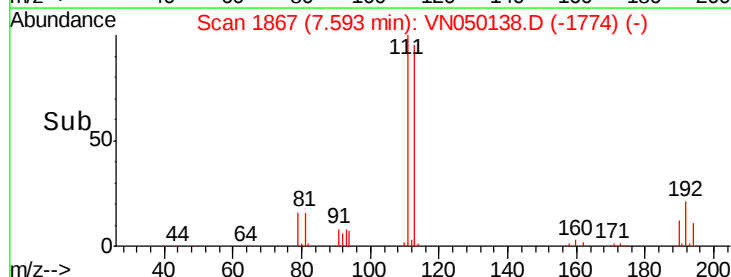
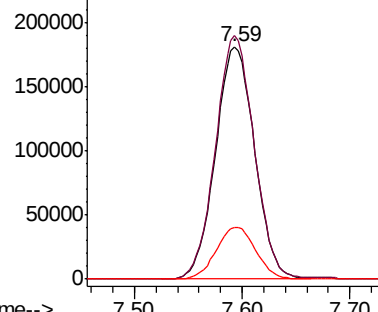


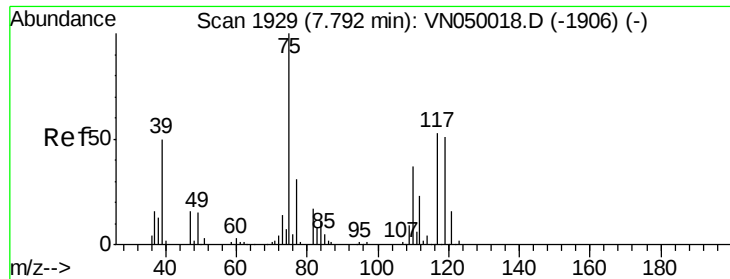
#35
 Dibromofluoromethane
 Concen: 45.15 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050138.D
 Acq: 27 Jul 2018 18:43

Tgt Ion:113 Resp: 459025
 Ion Ratio Lower Upper
 113 100
 111 103.4 80.7 121.1
 192 22.5 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

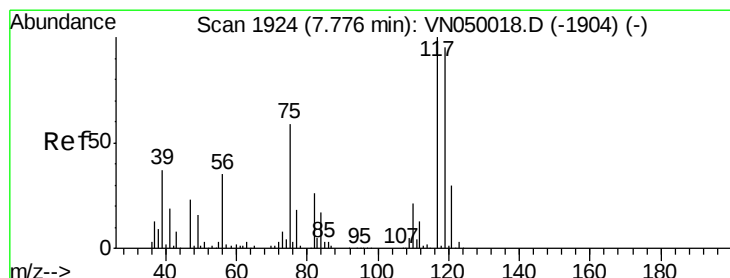
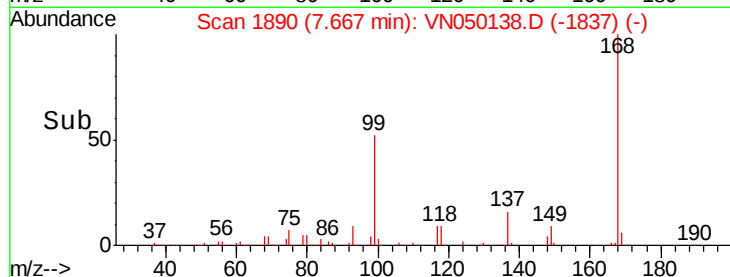
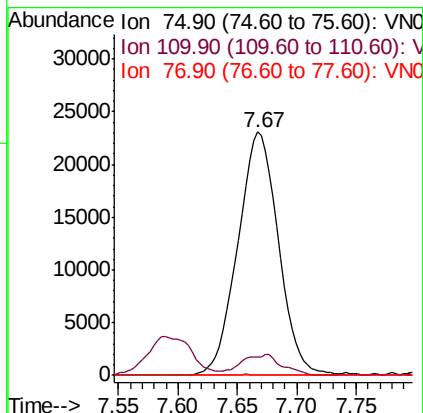
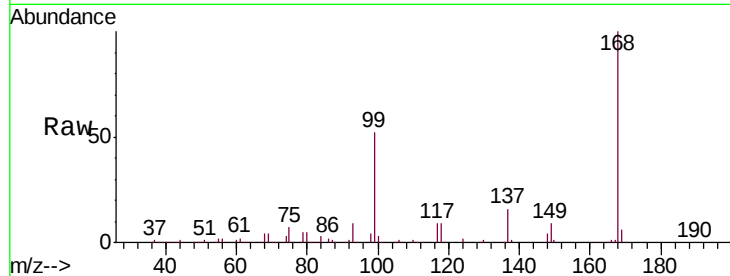




#36
 1,1-Dichloropropene
 Concen: 3.90 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050138.D
 Acq: 27 Jul 2018 18:43

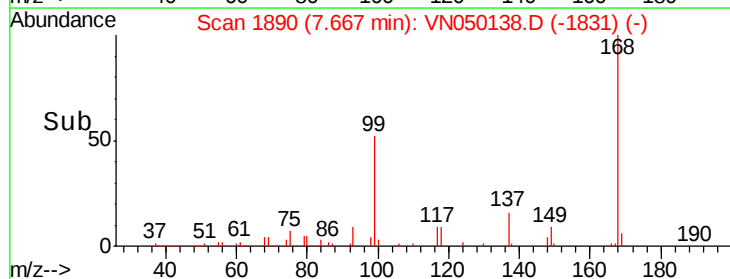
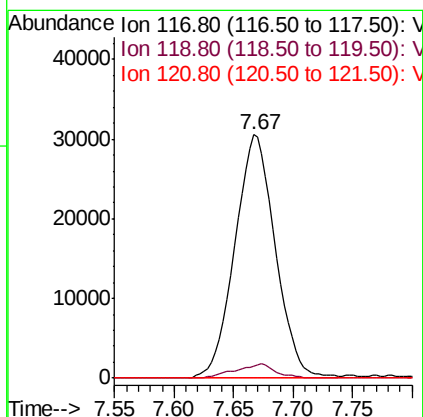
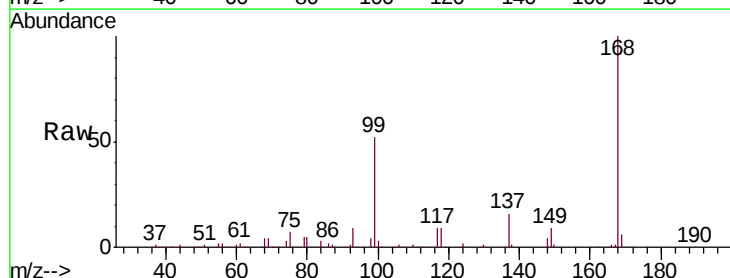
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3BDL

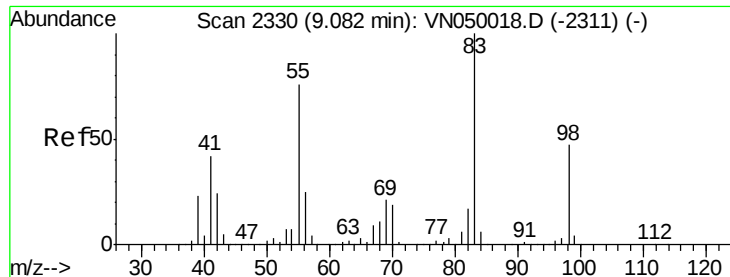
Tot Ion: 75 Resp: 54655
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 4.83 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050138.D
 Acq: 27 Jul 2018 18:43

Tgt Ion: 117 Resp: 71968
 Ion Ratio Lower Upper
 117 100
 119 5.0 77.4 116.0#
 121 0.0 23.9 35.9#

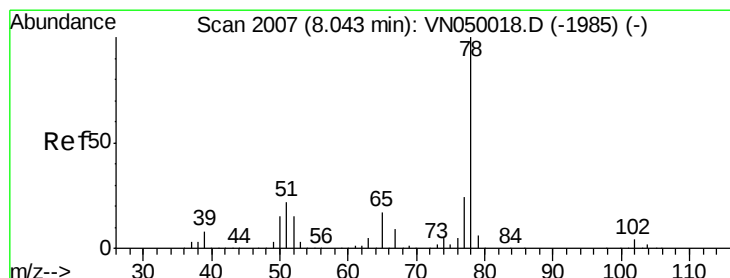
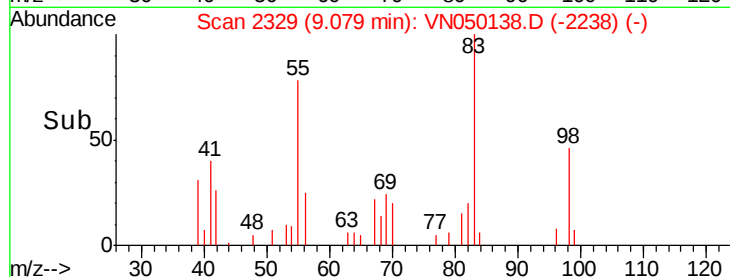
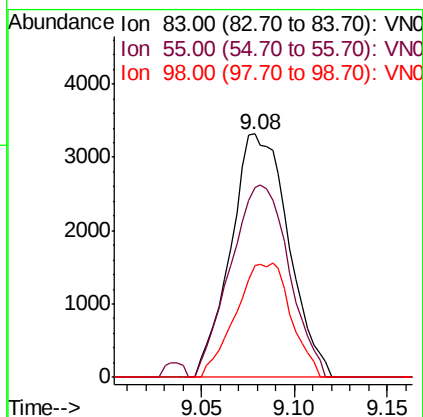
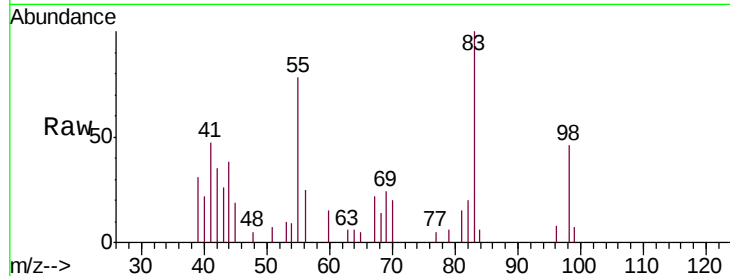




#39
Methvlcvclohexane
Concen: 0.50 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.01 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

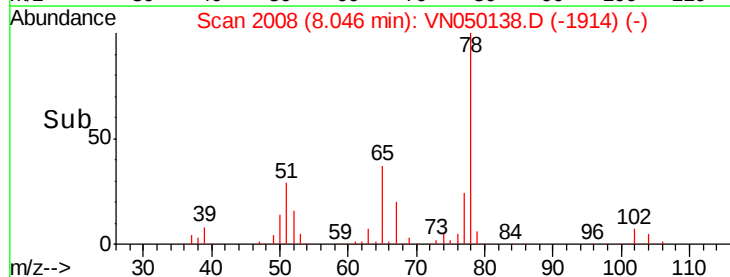
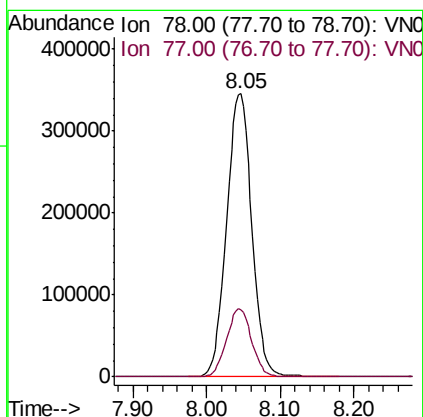
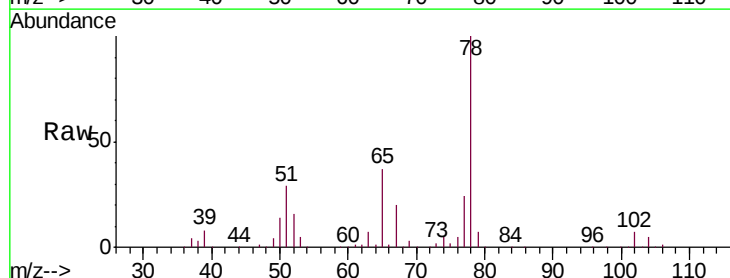
Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

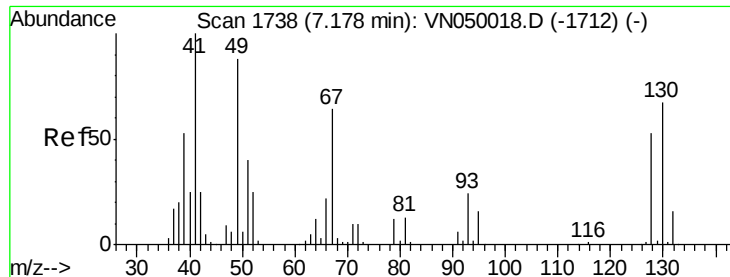
Tot Ion: 83 Resp: 7198
Ion Ratio Lower Upper
83 100
55 78.0 61.8 92.8
98 46.1 36.5 54.7



#40
Benzene
Concen: 19.23 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

Tgt Ion: 78 Resp: 821002
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1





#41

Methacrylonitrile

Concen: 2.88 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.05 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampleId :

MW-3BDL

Tot Ion: 41 Resp: 712

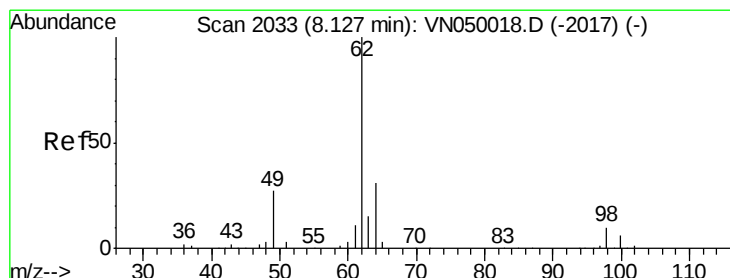
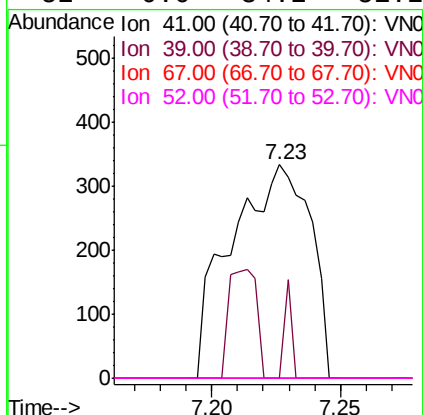
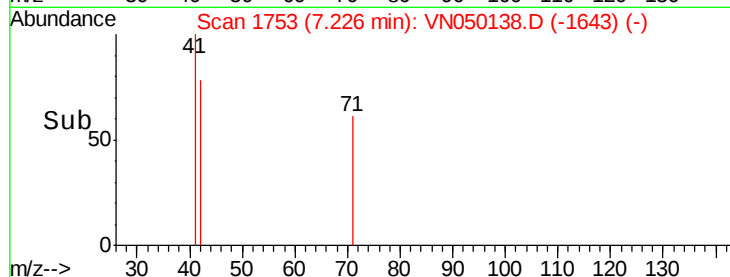
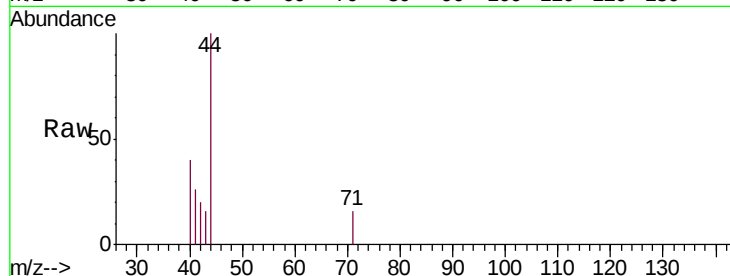
Ion Ratio Lower Upper

41 100

39 4.2 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#



#42

1,2-Dichloroethane

Concen: 0.49 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. -0.08 min

Lab File: VN050138.D

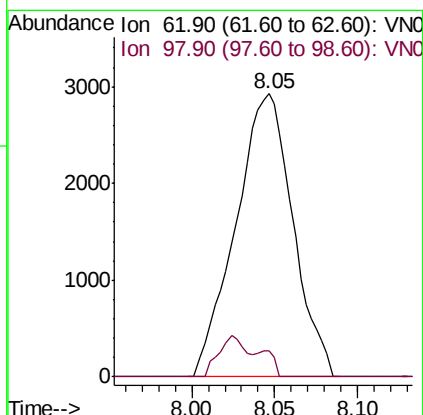
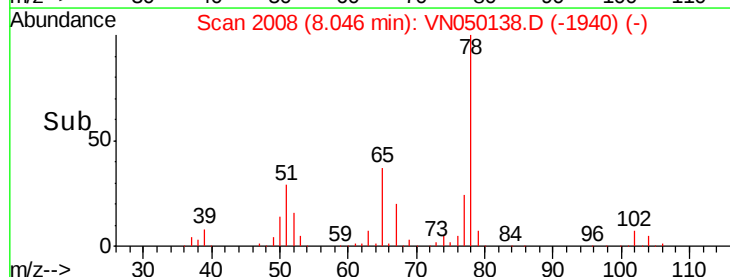
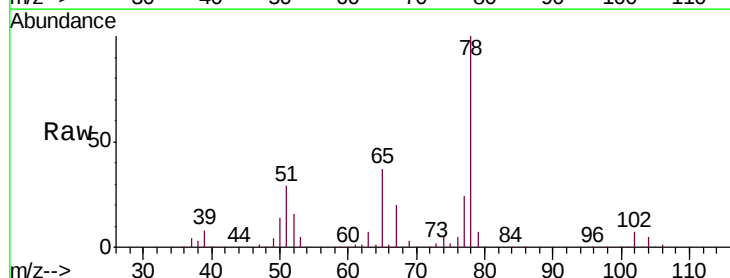
Acq: 27 Jul 2018 18:43

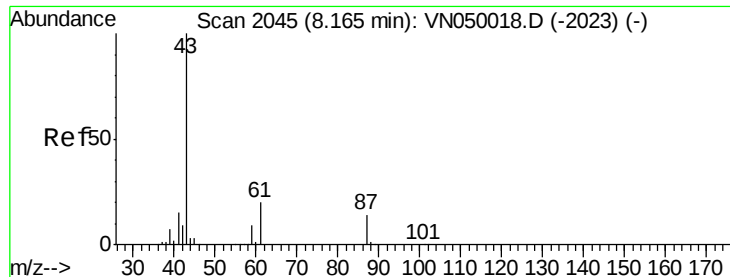
Tgt Ion: 62 Resp: 7008

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.8





#43

Isopropyl Acetate

Concen: 4.07 ug/l

RT: 8.26 min Scan# 2075

Delta R.T. 0.09 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampleId :

MW-3BDL

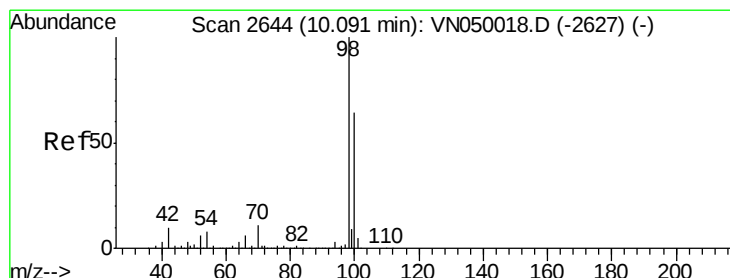
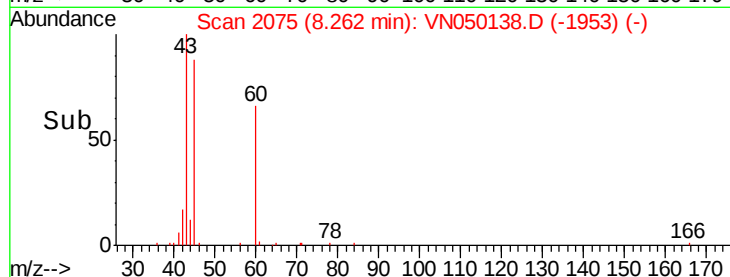
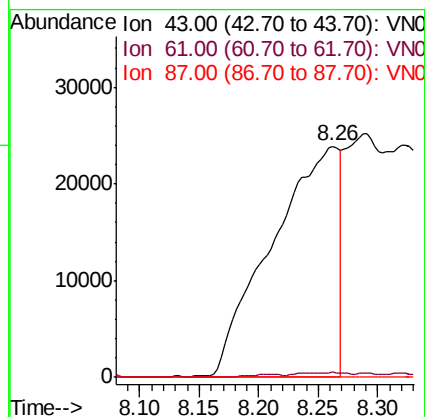
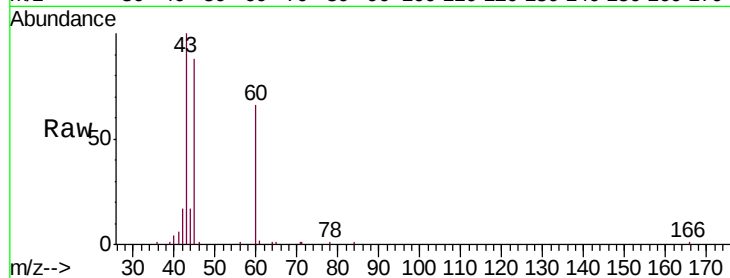
Tot Ion: 43 Resp: 94236

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 45.70 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050138.D

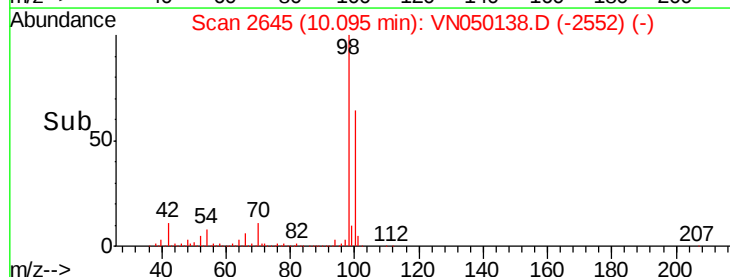
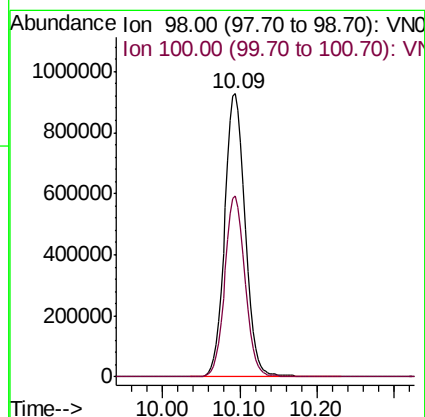
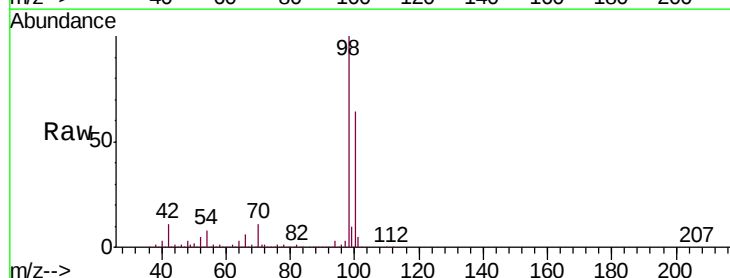
Acq: 27 Jul 2018 18:43

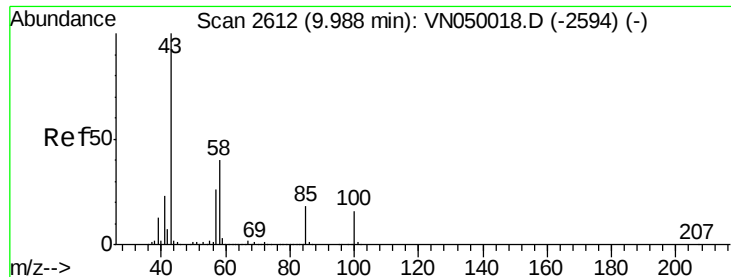
Tgt Ion: 98 Resp: 1707968

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1

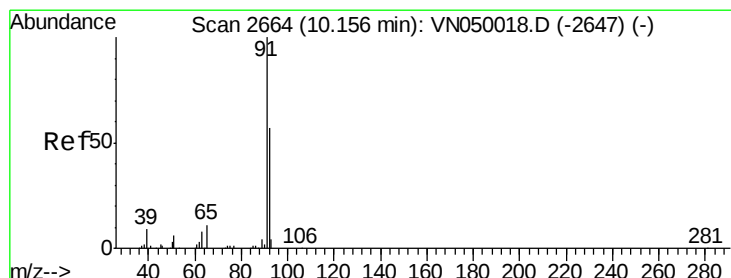
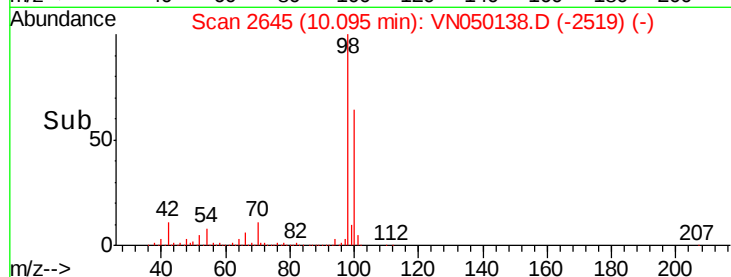
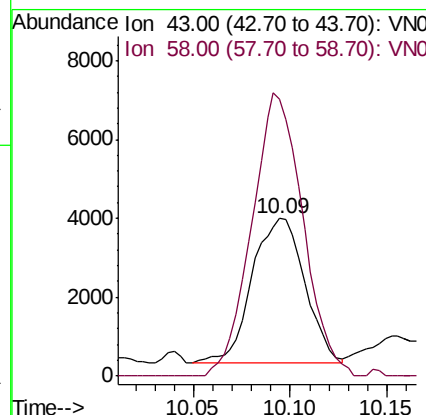
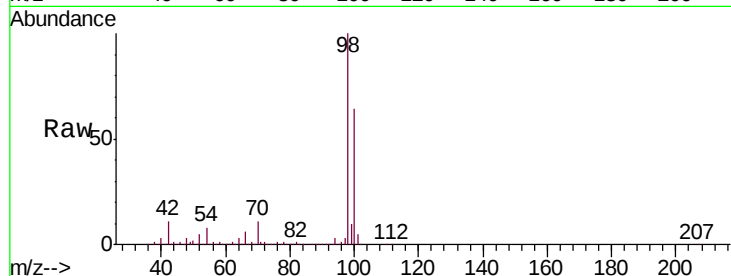




#51
4-Methyl-2-Pentanone
Concen: 0.72 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.11 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

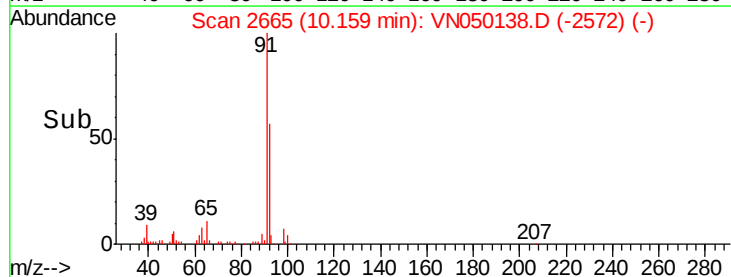
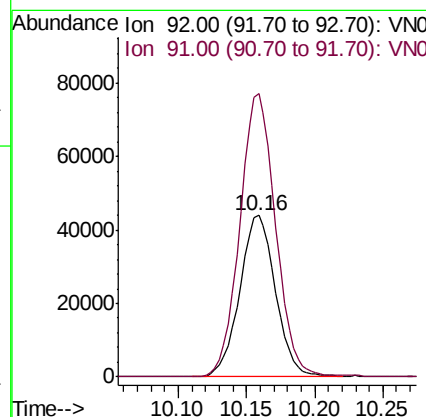
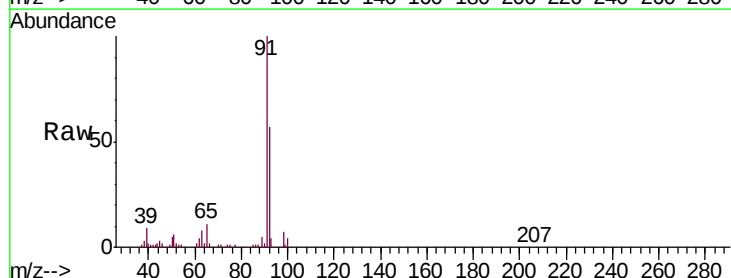
Instrument :
MSVOA_N
ClientSampled :
MW-3BDL

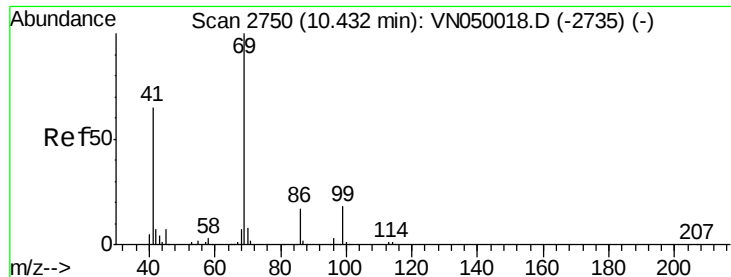
Tot Ion: 43 Resp: 6913
Ion Ratio Lower Upper
43 100
58 191.2 31.9 47.9#



#52
Toluene
Concen: 3.18 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

Tgt Ion: 92 Resp: 80117
Ion Ratio Lower Upper
92 100
91 175.4 140.3 210.5





#56

Ethyl methacrylate

Concen: 2.04 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampleId :

MW-3BDL

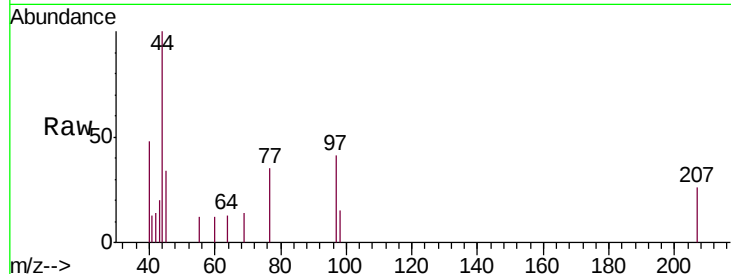
Tot Ion: 69 Resp: 67

Ion Ratio Lower Upper

69 100

41 235.8 51.0 76.4#

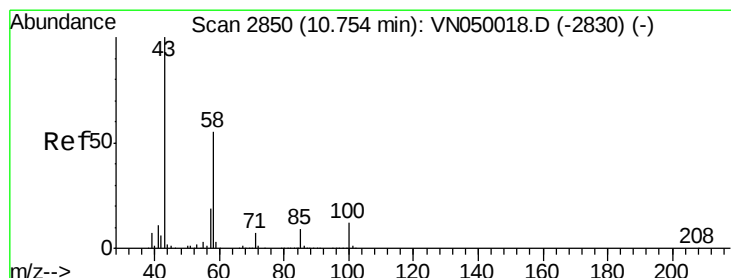
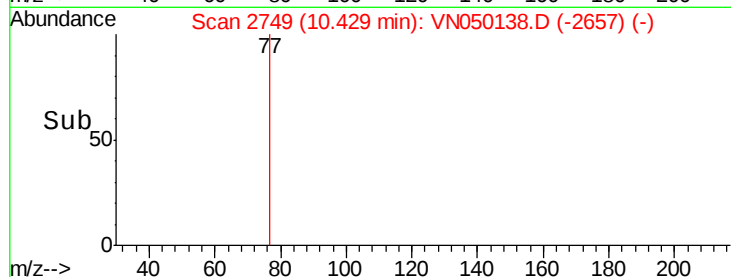
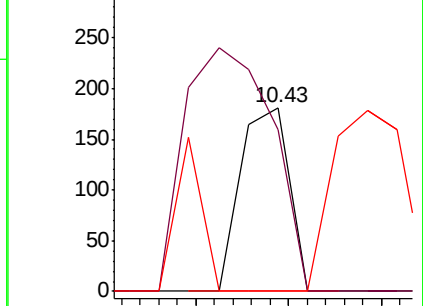
39 0.0 26.6 40.0#



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: 5.23 ug/l

RT: 10.76 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VN050138.D

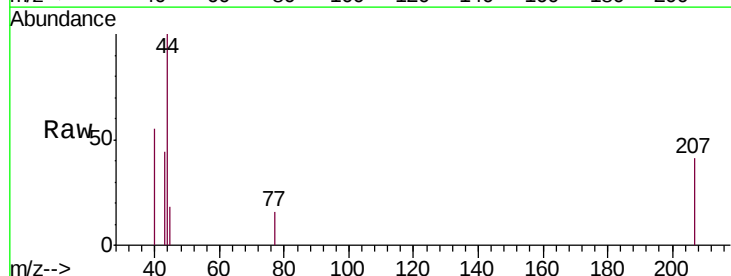
Acq: 27 Jul 2018 18:43

Tgt Ion: 43 Resp: 375

Ion Ratio Lower Upper

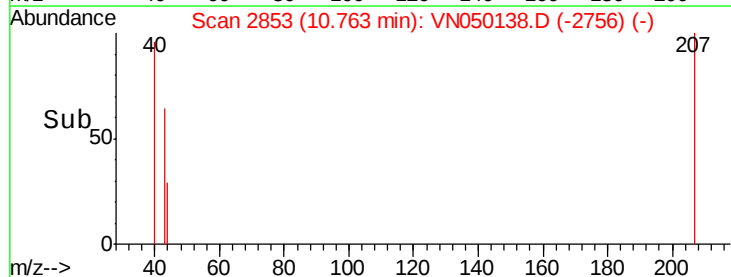
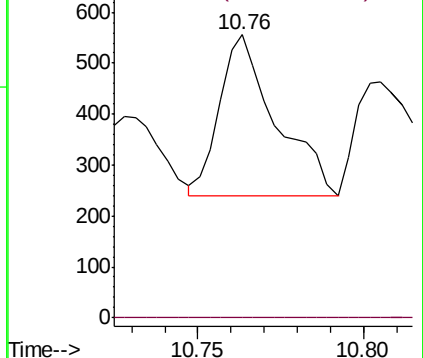
43 100

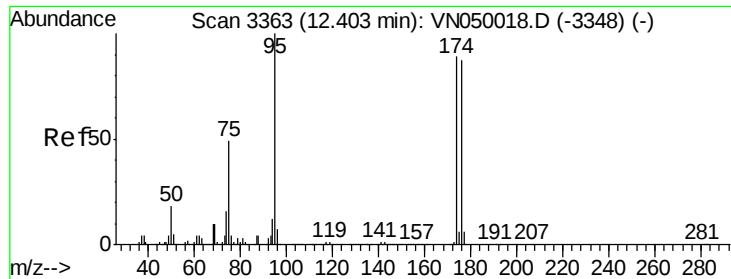
58 0.0 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

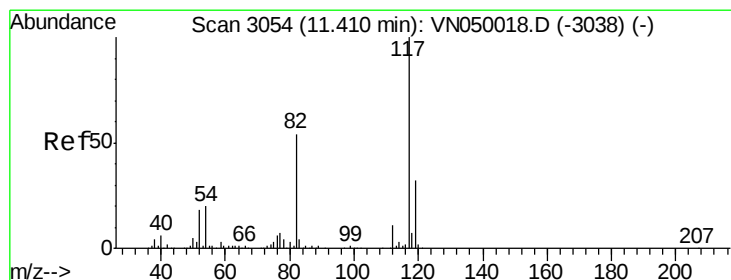
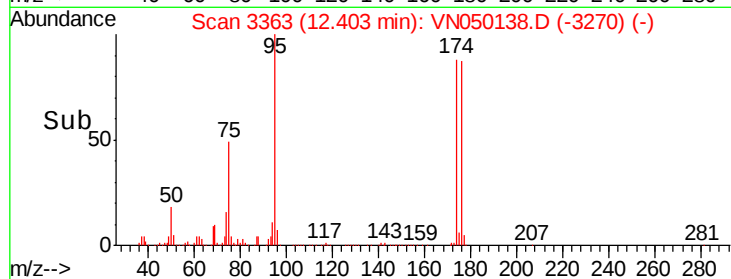
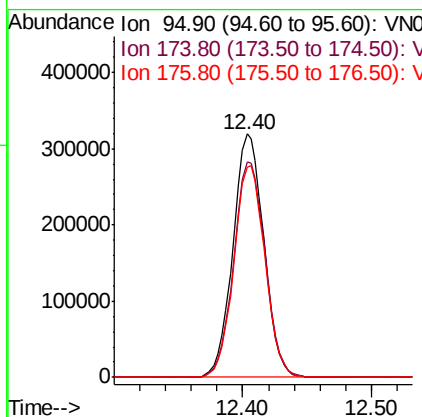
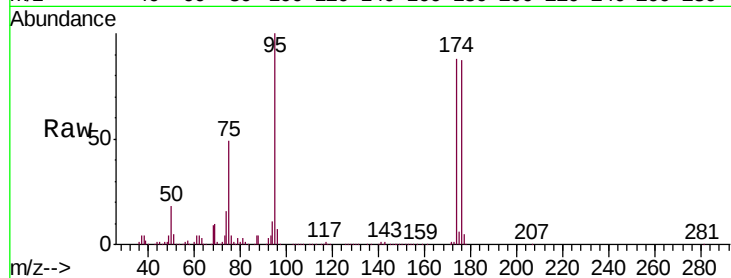




#62
4-Bromofluorobenzene
Concen: 43.13 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

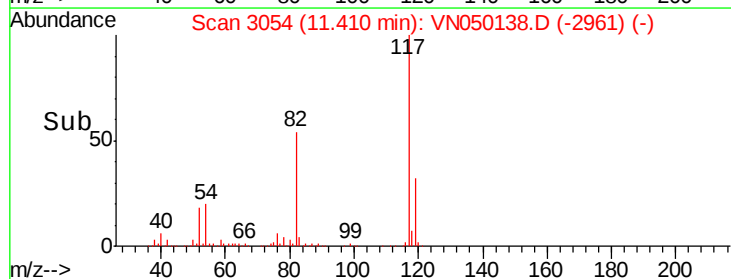
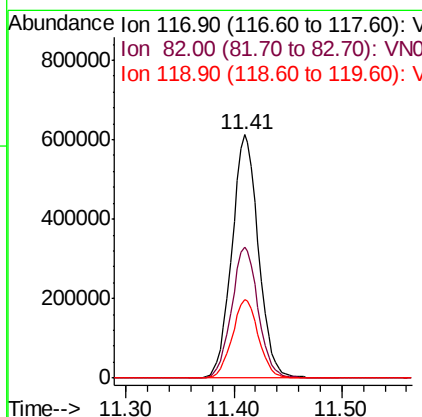
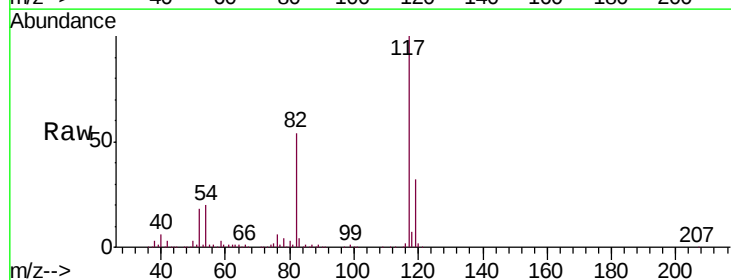
Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

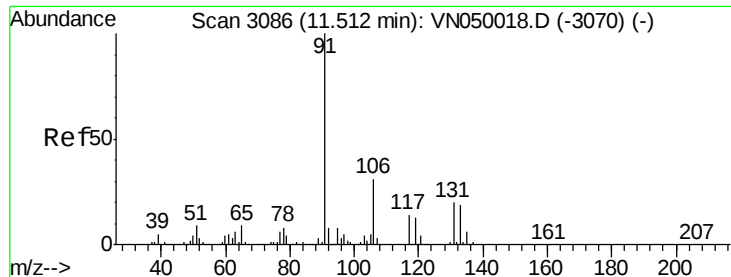
Tot Ion: 95 Resp: 530861
Ion Ratio Lower Upper
95 100
174 90.3 0.0 178.2
176 87.4 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

Tgt Ion: 117 Resp: 1051012
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.5 26.1 39.1

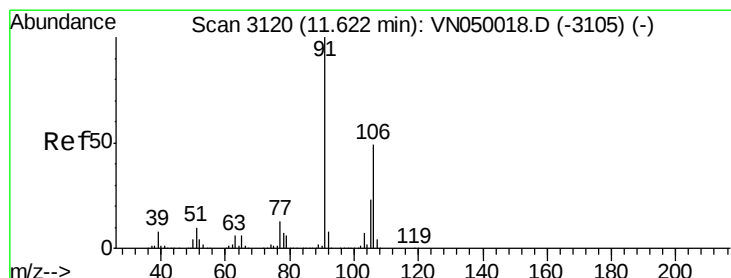
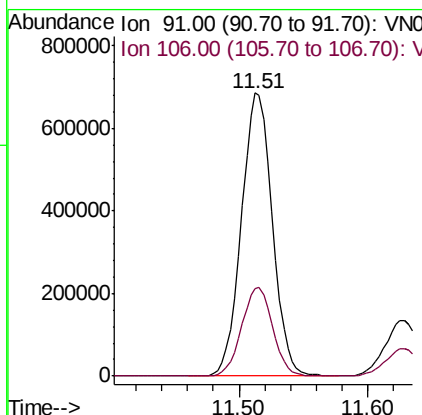
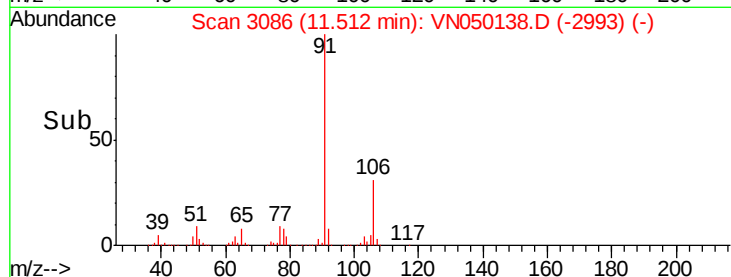
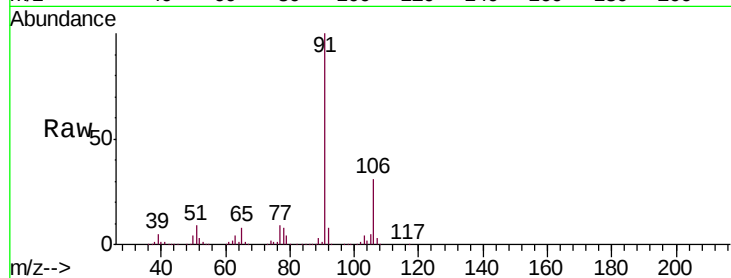




#67
Ethyl Benzene
Concen: 26.81 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

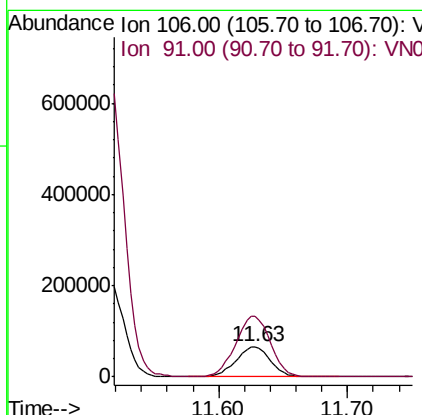
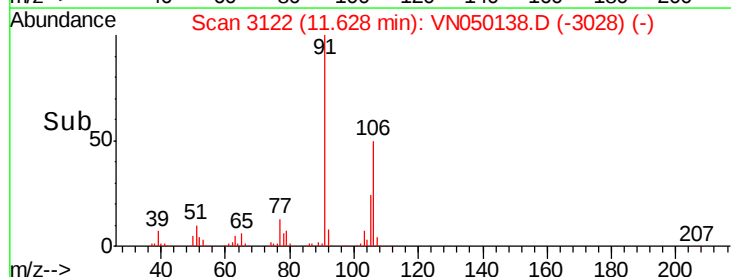
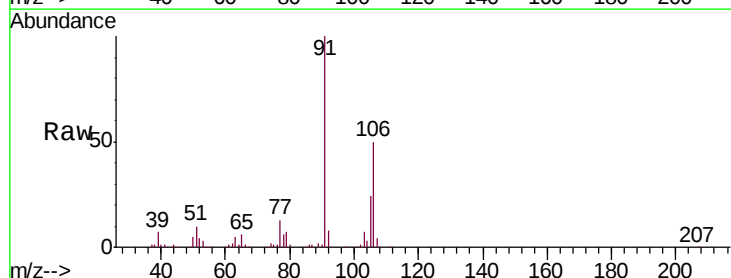
Instrument :
MSVOA_N
ClientSampled :
MW-3BDL

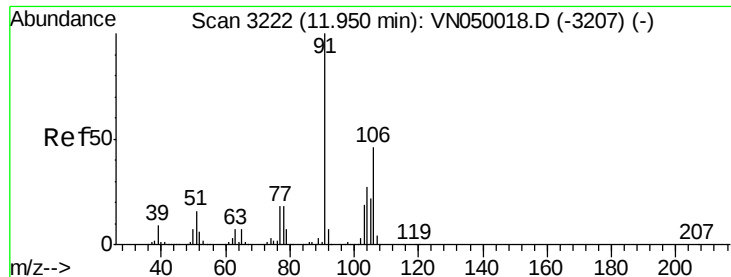
Tot Ion: 91 Resp: 1143413
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4



#68
m/p-Xylenes
Concen: 7.63 ug/l
RT: 11.63 min Scan# 3122
Delta R.T. 0.00 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

Tgt Ion: 106 Resp: 123154
Ion Ratio Lower Upper
106 100
91 203.8 162.2 243.2

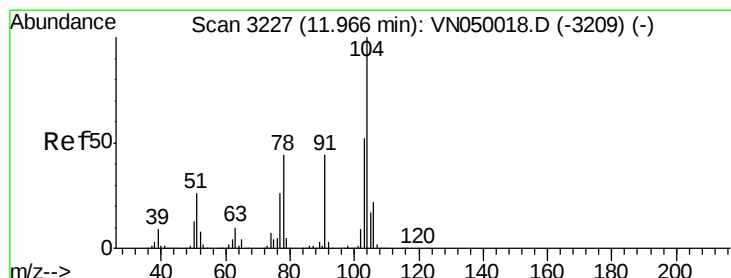
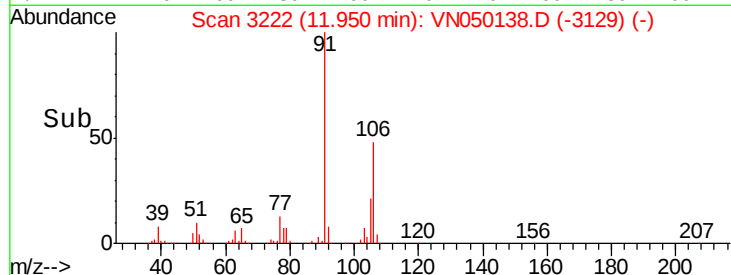
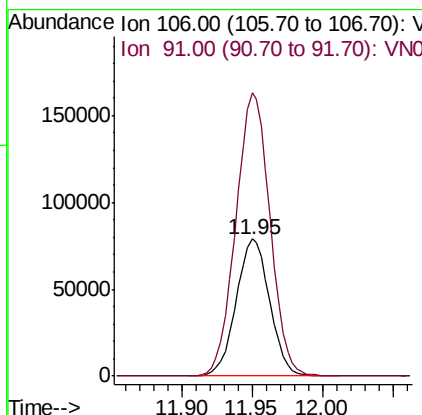
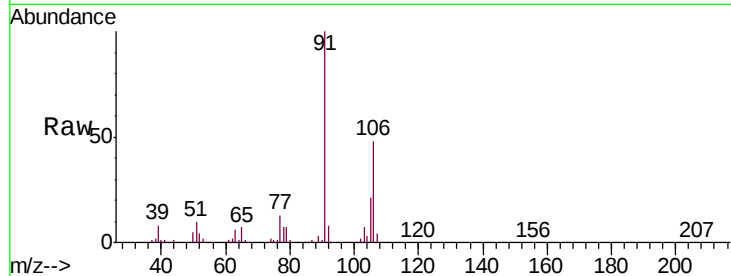




#69
o-Xylene
Concen: 8.54 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

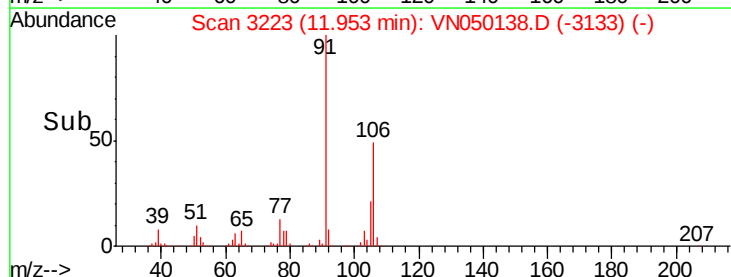
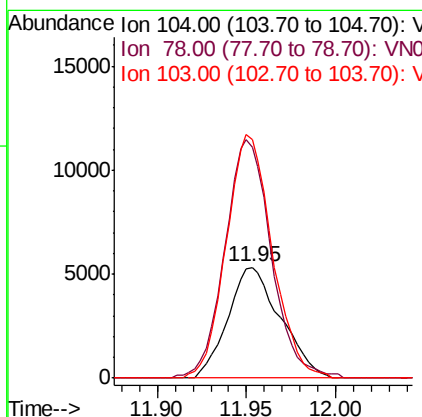
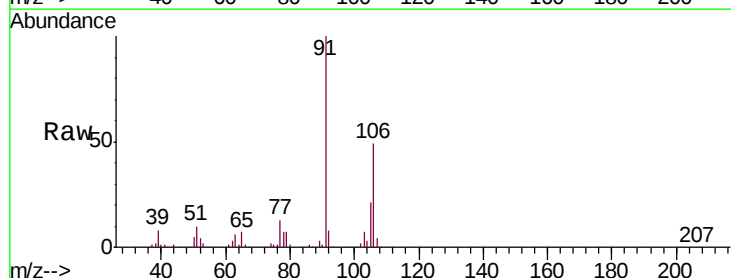
Instrument :
MSVOA_N
ClientSampled :
MW-3BDL

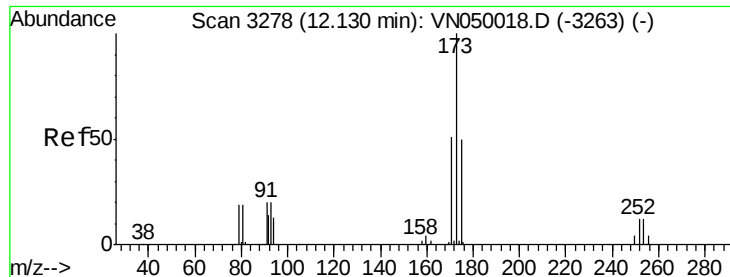
Tot Ion:106 Resp: 131261
Ion Ratio Lower Upper
106 100
91 211.2 107.7 323.1



#70
Styrene
Concen: 1.32 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. -0.01 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

Tgt Ion:104 Resp: 10961
Ion Ratio Lower Upper
104 100
78 189.8 39.3 58.9#
103 191.9 45.0 67.6#





#71

Bromoform

Concen: 0.51 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampled :

MW-3BDL

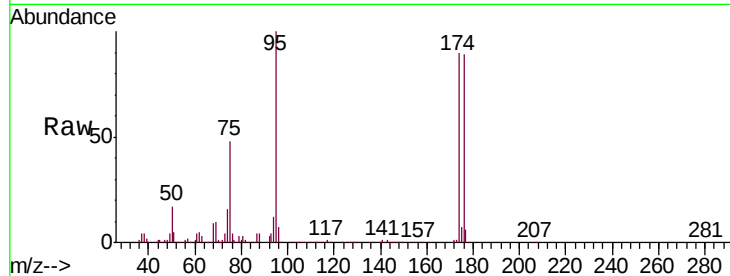
Tot Ion:173 Resp: 3764

Ion Ratio Lower Upper

173 100

175 804.5 24.1 72.2#

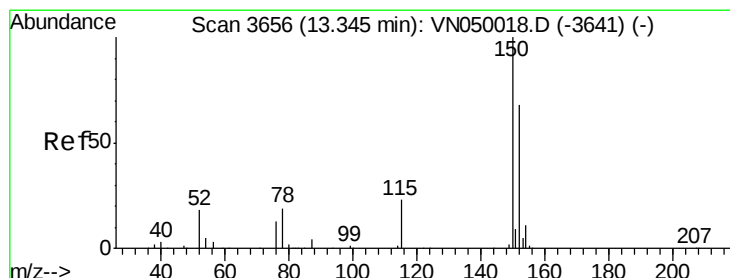
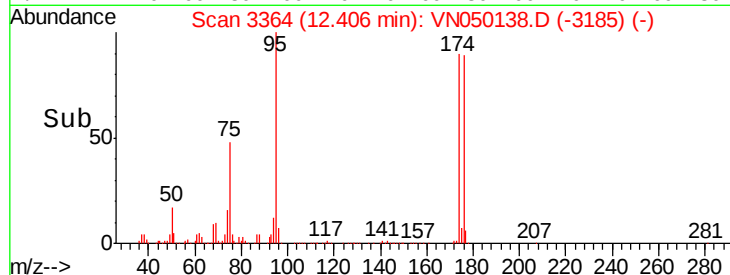
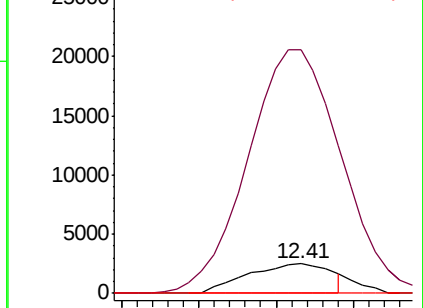
254 0.0 0.2 0.2#



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: VN050138.D

Acq: 27 Jul 2018 18:43

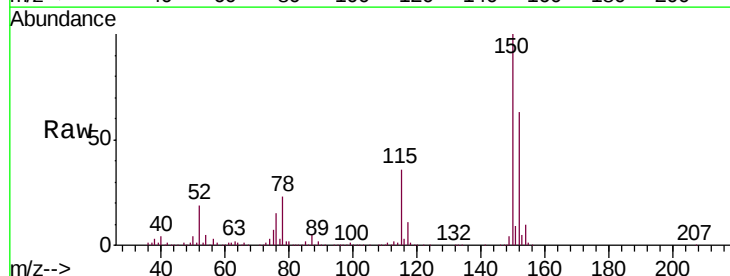
Tgt Ion:152 Resp: 455749

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.3

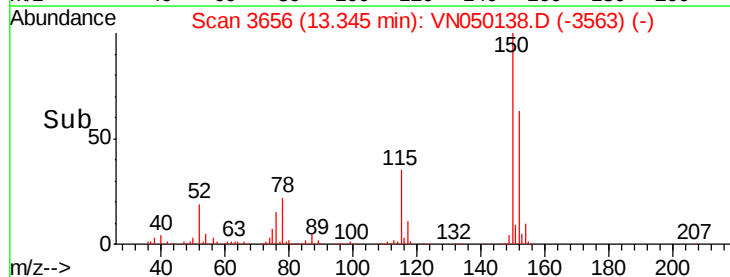
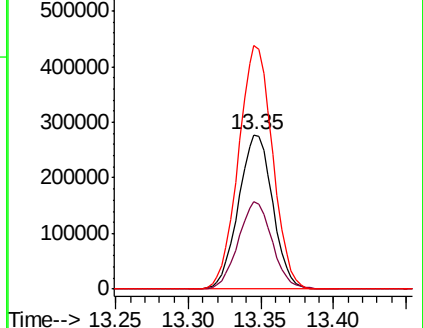
150 157.1 0.0 348.6

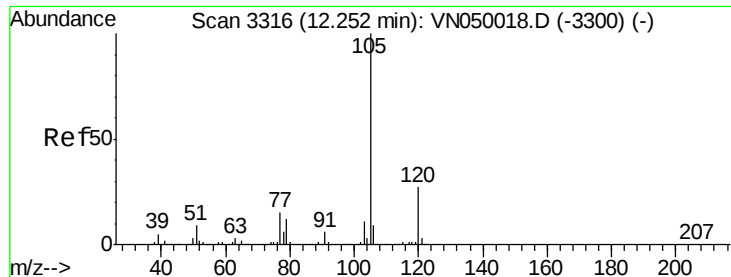


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.56 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampleId :

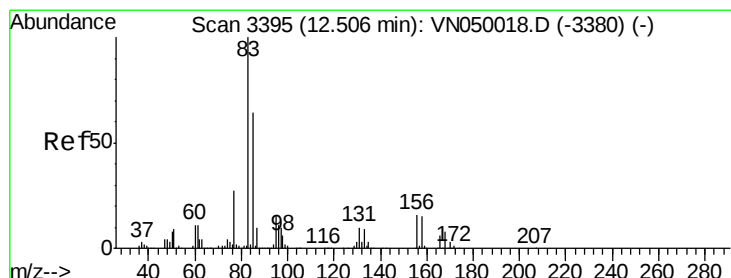
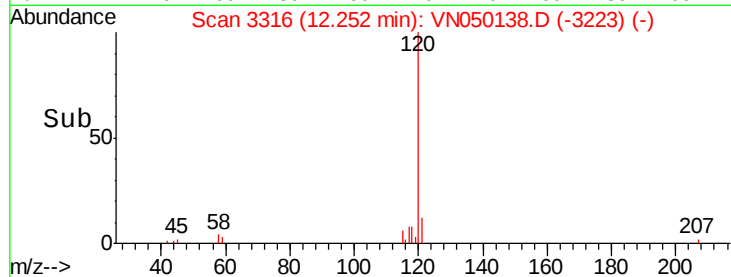
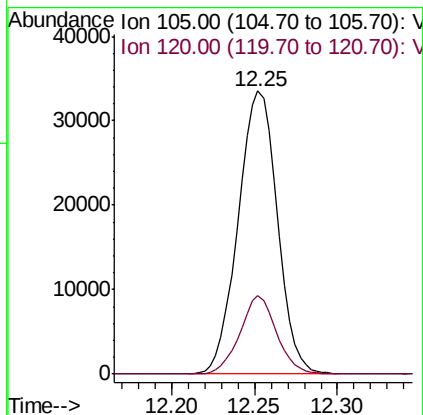
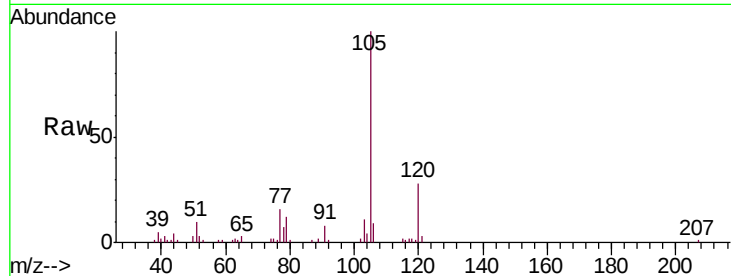
MW-3BDL

Tot Ion:105 Resp: 55222

Ion Ratio Lower Upper

105 100

120 25.7 13.3 39.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

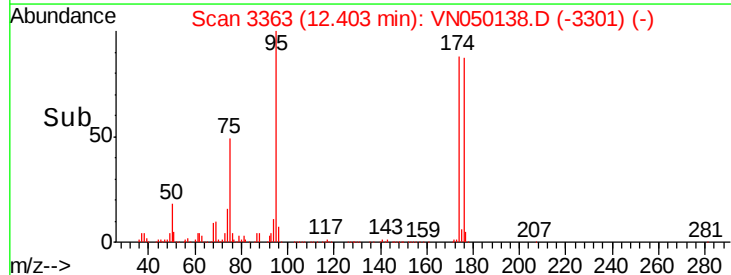
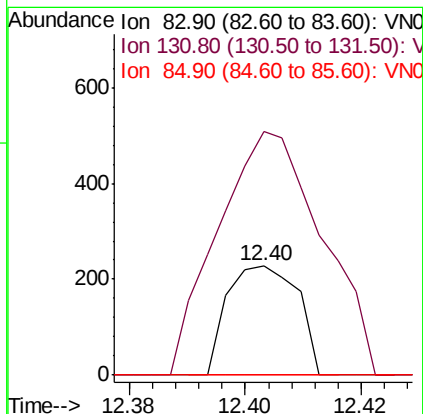
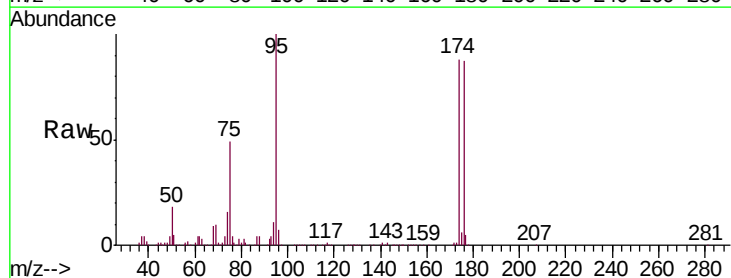
Tgt Ion: 83 Resp: 191

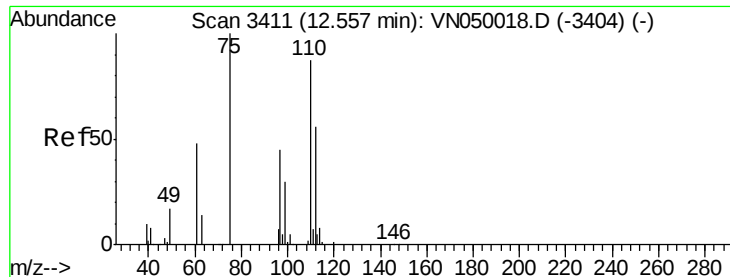
Ion Ratio Lower Upper

83 100

131 331.9 5.1 15.3#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 30.78 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampleId :

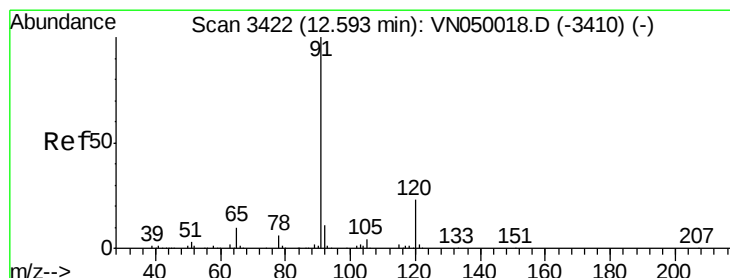
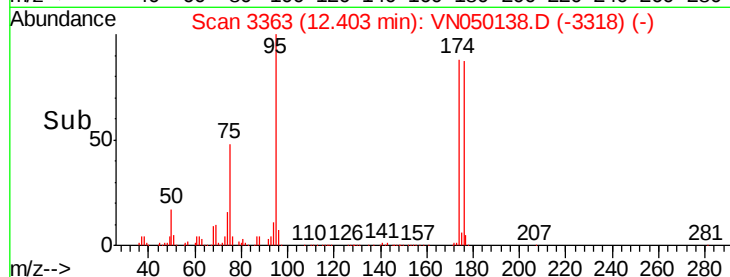
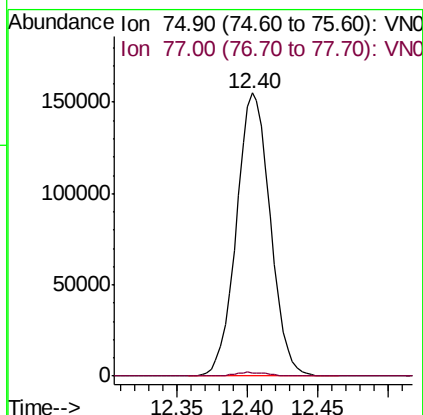
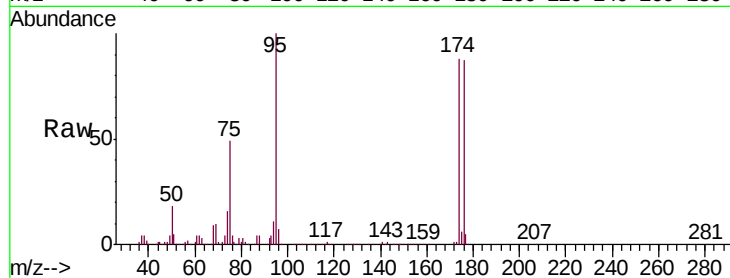
MW-3BDL

Tot Ion: 75 Resp: 260674

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#78

n-propylbenzene

Concen: 0.62 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN050138.D

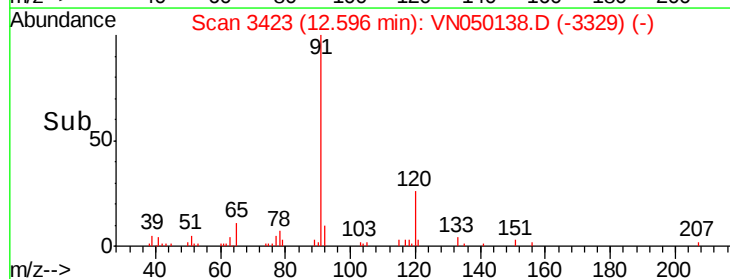
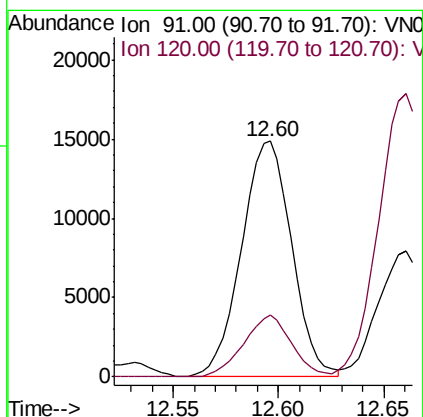
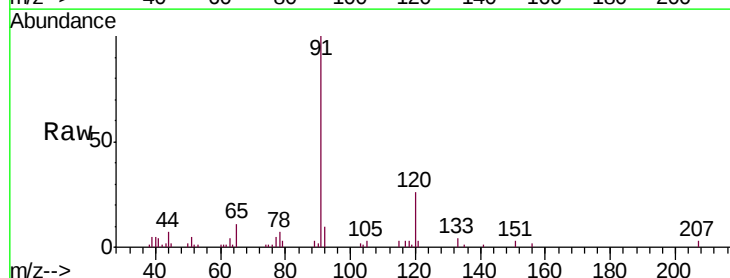
Acq: 27 Jul 2018 18:43

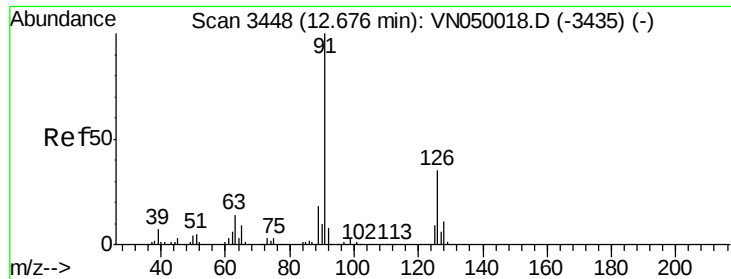
Tgt Ion: 91 Resp: 24619

Ion Ratio Lower Upper

91 100

120 25.0 11.6 34.7





#79

2-Chlorotoluene

Concen: 0.34 ug/l

RT: 12.69 min Scan# 3451

Delta R.T. 0.01 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampled :

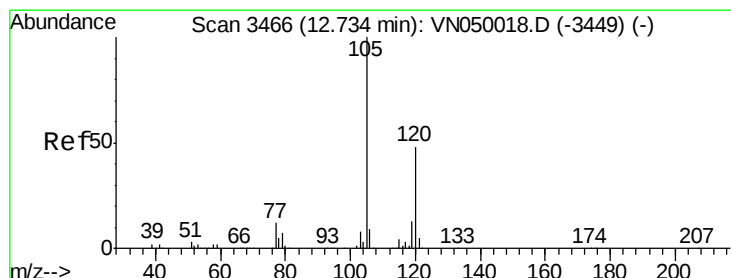
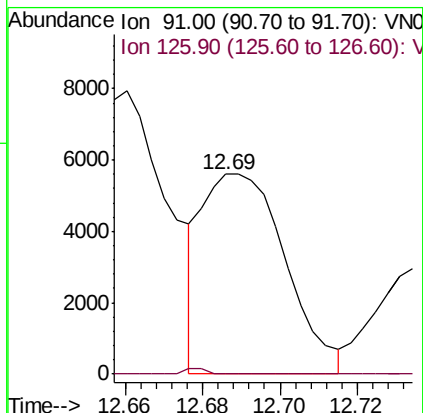
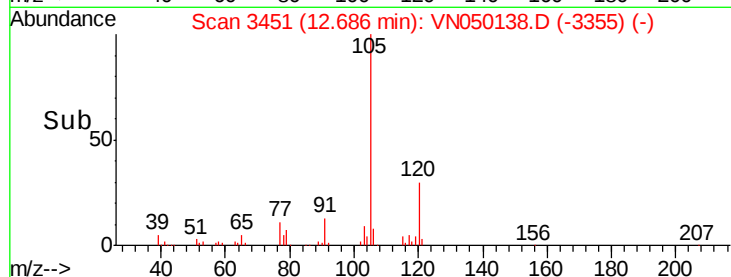
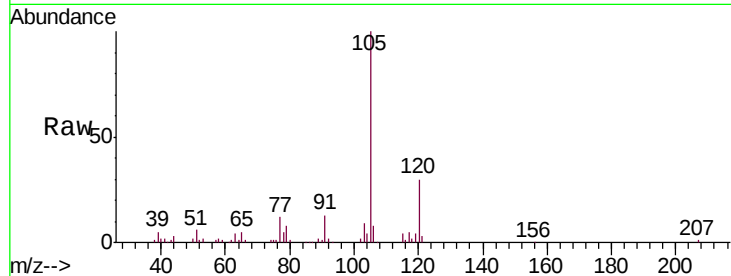
MW-3BDL

Tot Ion: 91 Resp: 8352

Ion Ratio Lower Upper

91 100

126 0.8 17.6 52.8#



#80

1,3,5-Trimethylbenzene

Concen: 1.52 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN050138.D

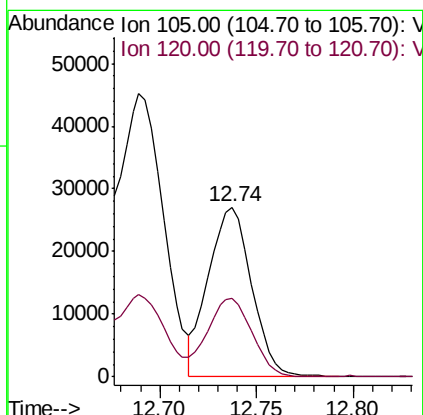
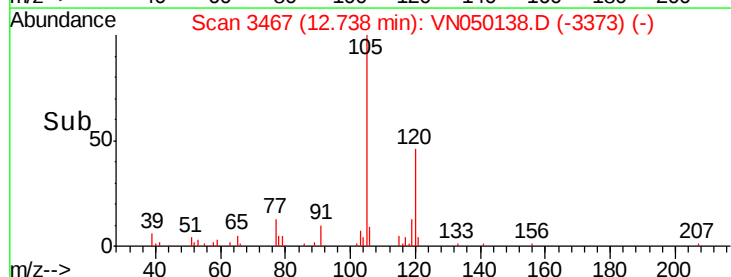
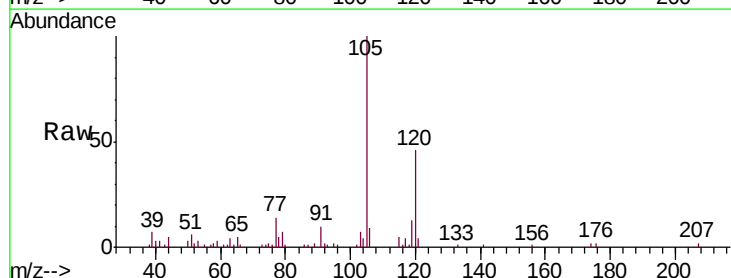
Acq: 27 Jul 2018 18:43

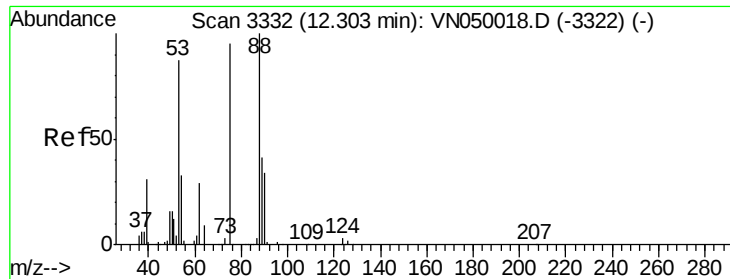
Tgt Ion: 105 Resp: 42316

Ion Ratio Lower Upper

105 100

120 47.1 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 97.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampleId :

MW-3BDL

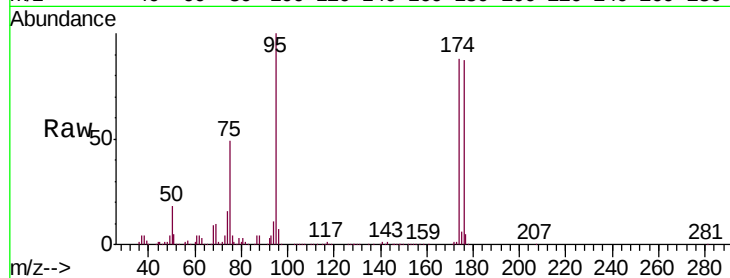
Tot Ion: 75 Resp: 260674

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

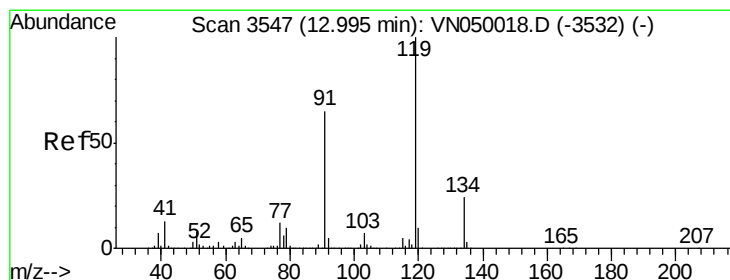
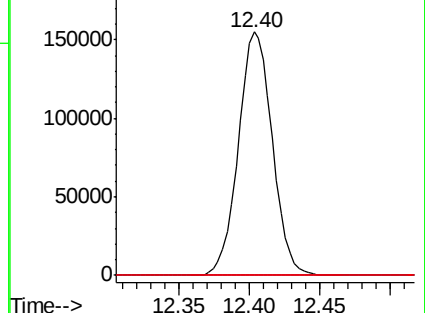
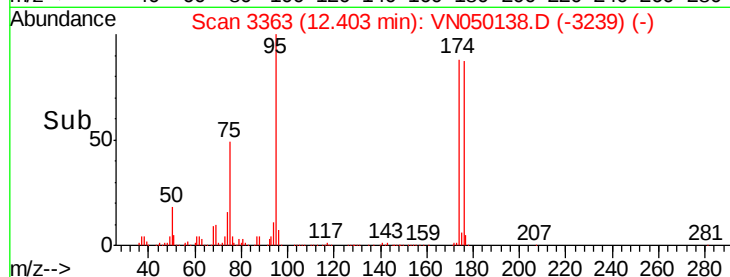
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: 0.70 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.05 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

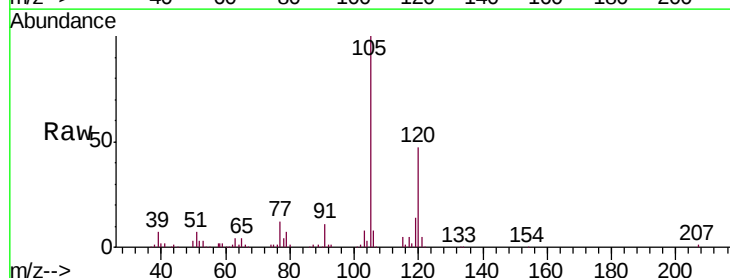
Tgt Ion: 119 Resp: 16897

Ion Ratio Lower Upper

119 100

91 89.0 32.1 96.3

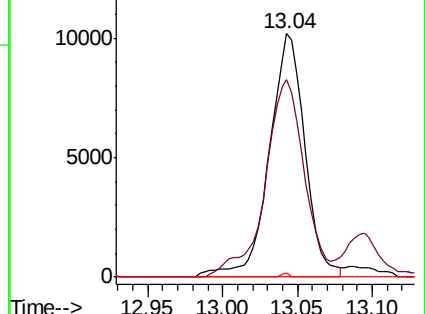
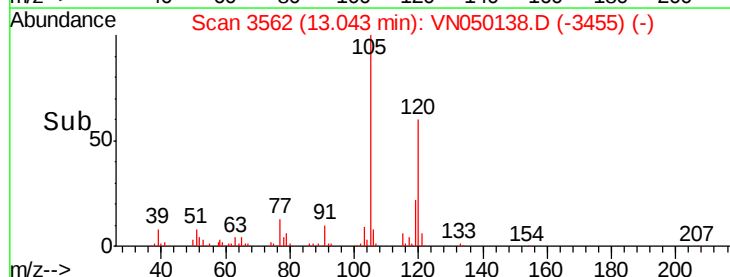
134 0.0 13.2 39.5#

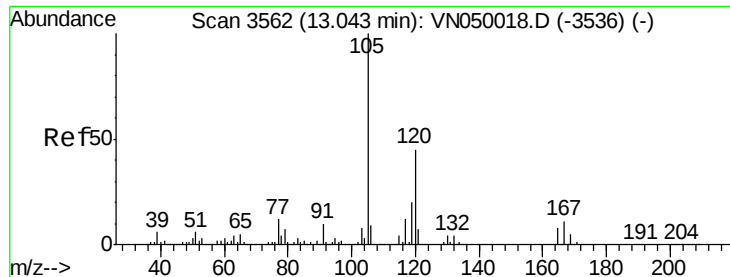


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

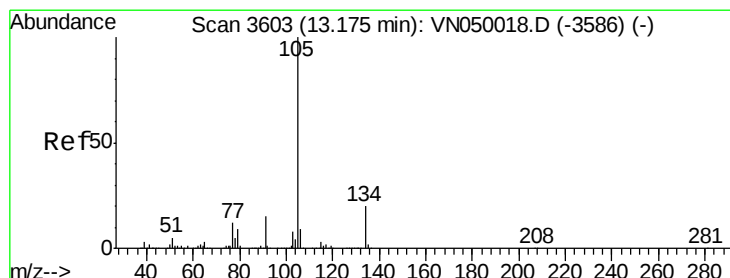
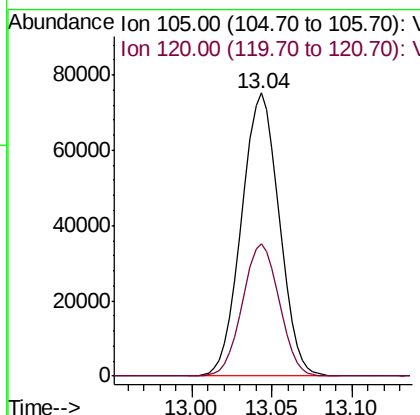
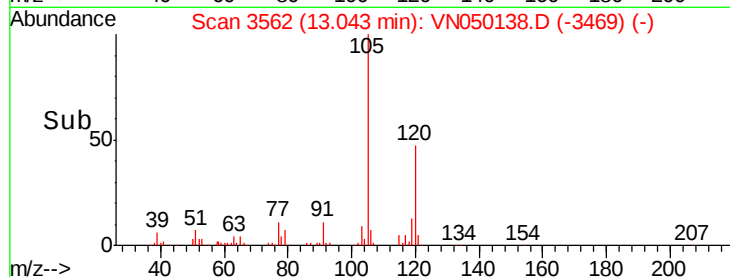
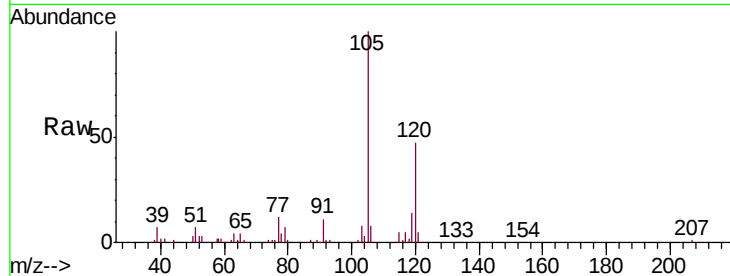




#84
 1,2,4-Trimethylbenzene
 Concen: 4.31 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050138.D
 Acq: 27 Jul 2018 18:43

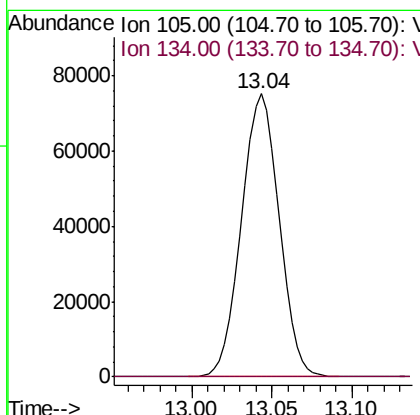
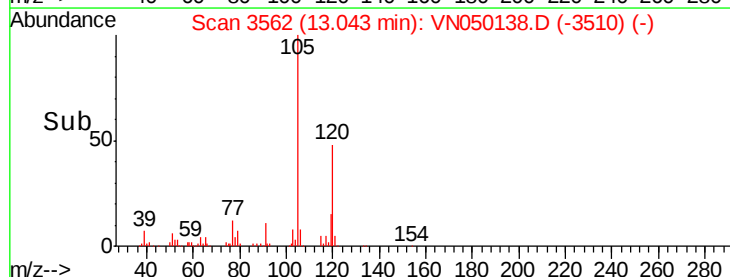
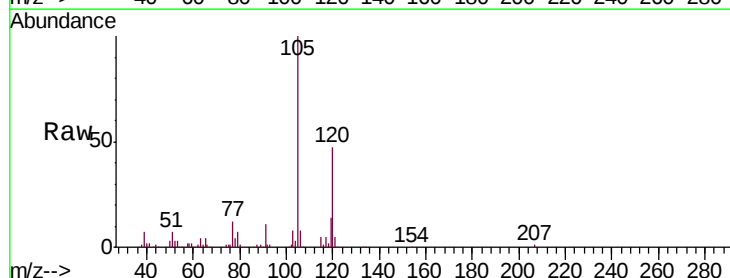
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3BDL

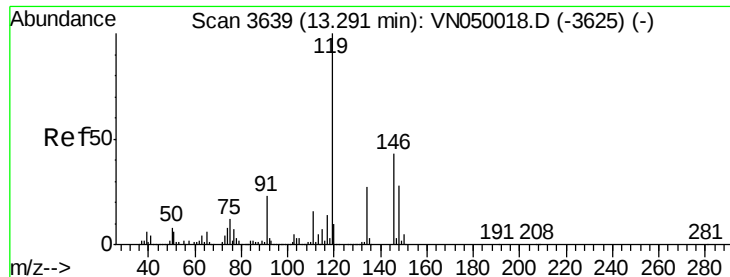
Tot Ion:105 Resp: 120818
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 3.73 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.13 min
 Lab File: VN050138.D
 Acq: 27 Jul 2018 18:43

Tgt Ion:105 Resp: 120818
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1#

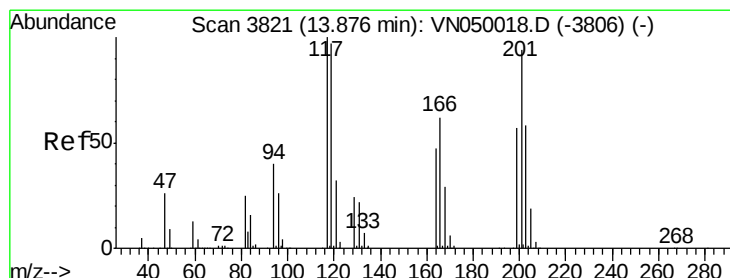
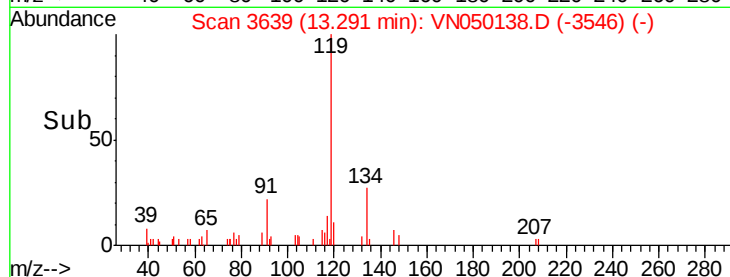
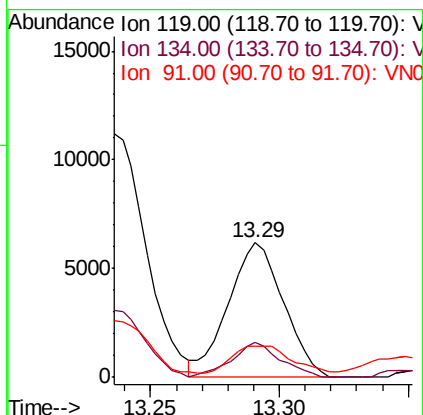
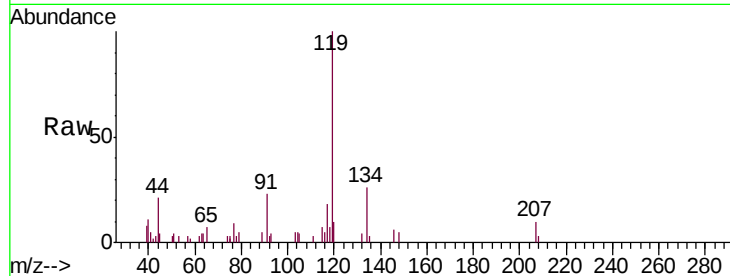




#86
p-Isopropyltoluene
Concen: 0.34 ug/l
RT: 13.29 min Scan# 3639
Delta R.T. 0.00 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

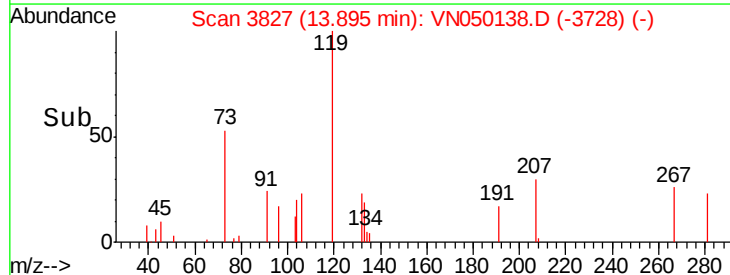
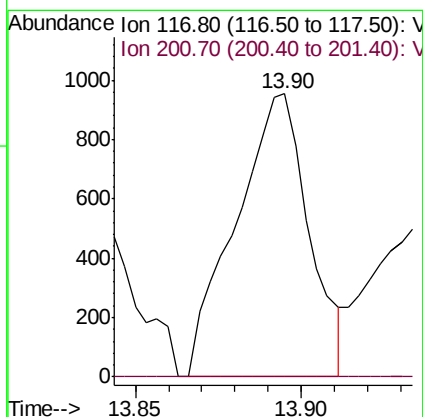
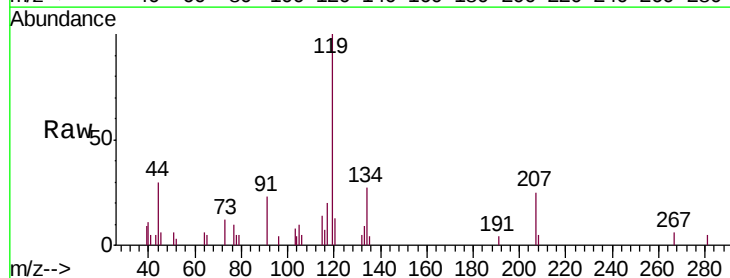
Instrument :
MSVOA_N
ClientSampled :
MW-3BDL

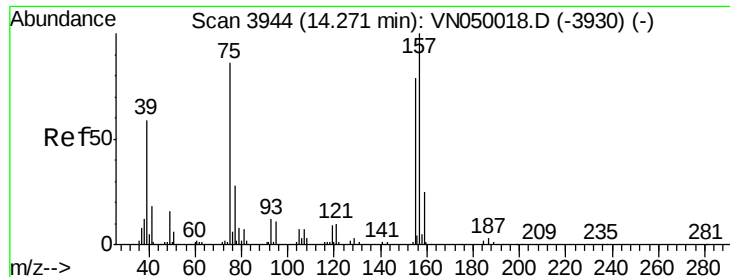
Tot Ion	Ratio	Lower	Upper
119	100		
134	23.1	13.3	39.8
91	20.4	11.4	34.2



#90
Hexachloroethane
Concen: 0.24 ug/l
RT: 13.90 min Scan# 3827
Delta R.T. 0.02 min
Lab File: VN050138.D
Acq: 27 Jul 2018 18:43

Tgt 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: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampleId :

MW-3BDL

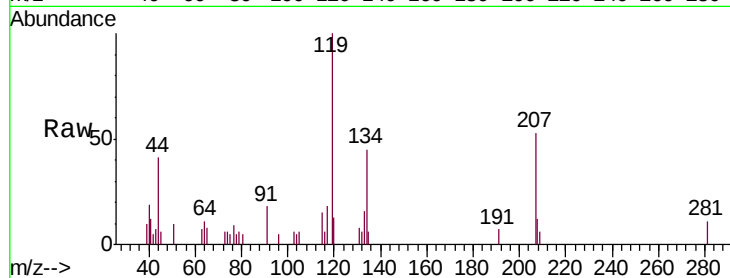
Tot Ion: 75 Resp: 31

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

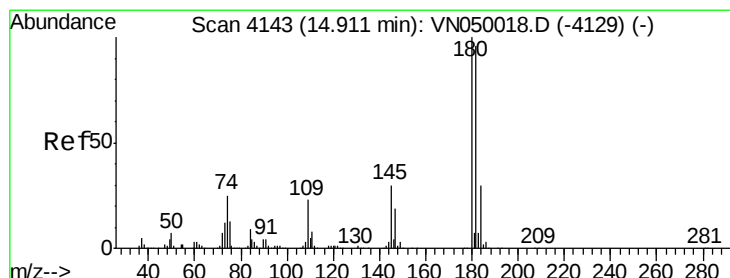
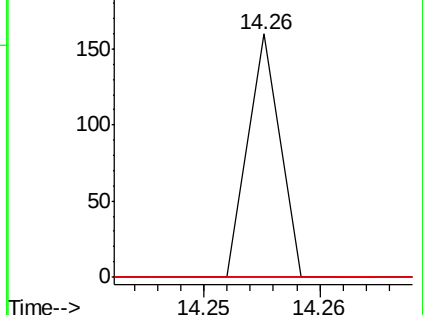
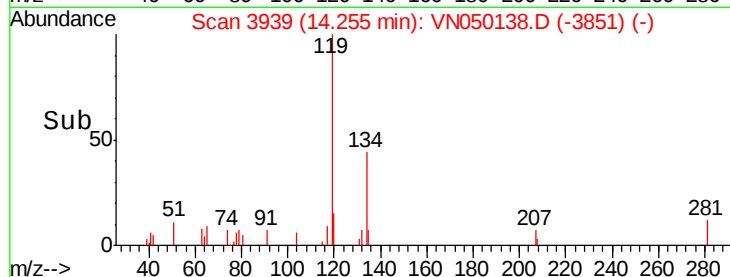
157 0.0 57.2 171.6#



Abundance Ion 74.90 (74.60 to 75.60): VN050138.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050138.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050138.D (-3930) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.11 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

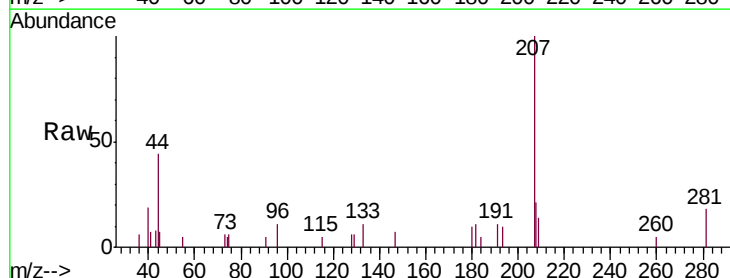
Tgt Ion: 180 Resp: 252

Ion Ratio Lower Upper

180 100

182 147.2 46.7 140.1#

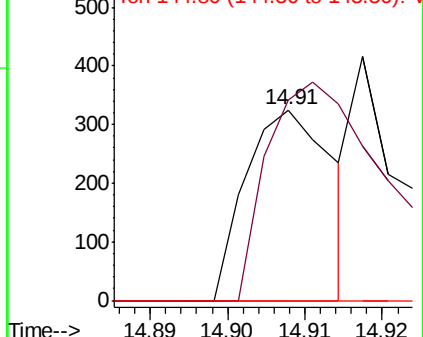
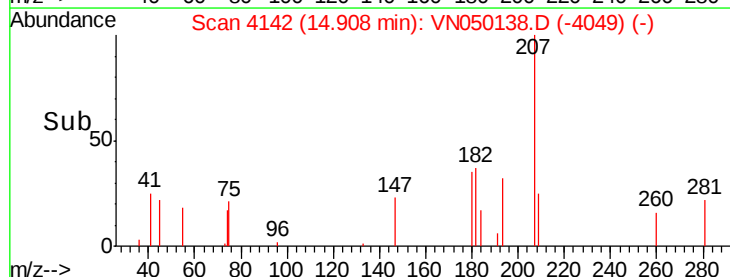
145 0.0 13.8 41.4#

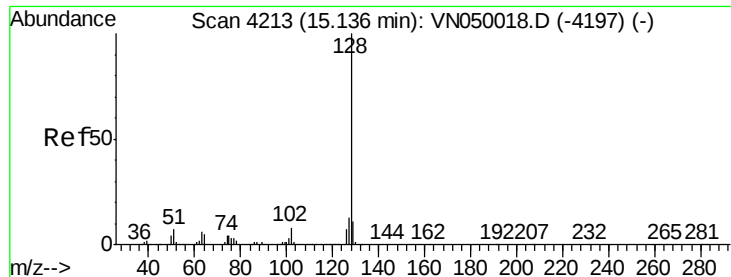


Abundance Ion 179.80 (179.50 to 180.50): VN050138.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN050138.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN050138.D (-4129) (-)





#95

Naphthalene

Concen: 46.99 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

Instrument :

MSVOA_N

ClientSampleId :

MW-3BDL

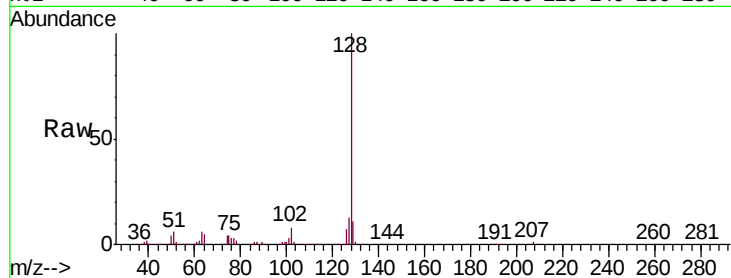
Tot Ion:128 Resp: 971925

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

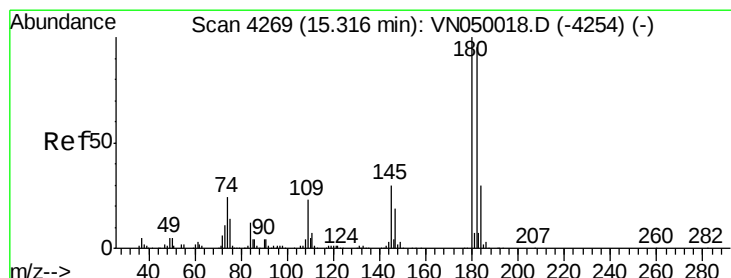
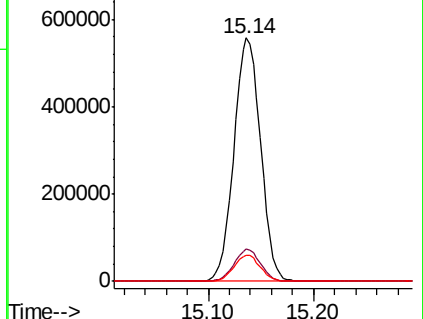
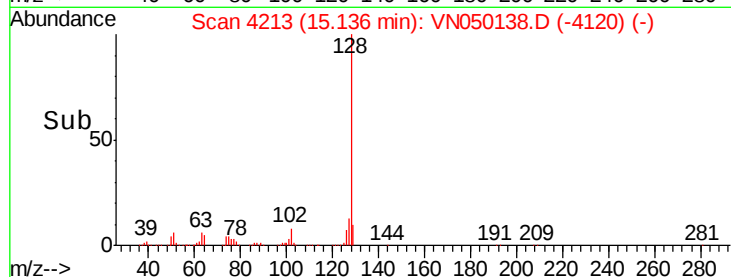
129 10.7 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 2.26 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN050138.D

Acq: 27 Jul 2018 18:43

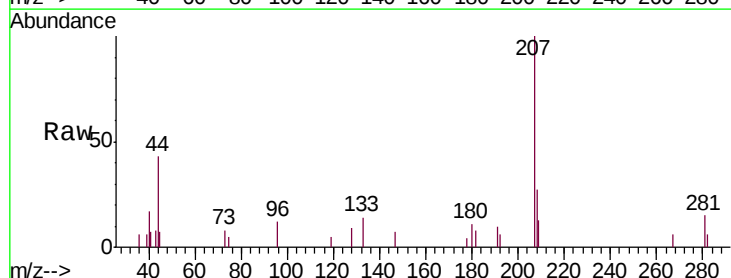
Tgt Ion:180 Resp: 506

Ion Ratio Lower Upper

180 100

182 61.7 48.1 144.4

145 0.0 15.3 45.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

