

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050136.D
 Acq On : 27 Jul 2018 17:53
 Operator : MD\SY
 Sample : J4184-07DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2BDL

Quant Time: Jul 27 23:32:29 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	756673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1175276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1011562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	453237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	498729	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
35) Dibromofluoromethane	7.60	113	442556	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
50) Toluene-d8	10.09	98	1614659	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
62) 4-Bromofluorobenzene	12.40	95	508845	43.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.60%	

Target Compounds

						Qvalue
5) Bromomethane	2.56	94	1828	Below Cal		91
16) Acetone	3.84	43	4555	Below Cal		98
18) Methyl Acetate	4.34	43	7718	Below Cal	#	88
20) Methylene Chloride	4.55	84	946	Below Cal	#	49
31) Cyclohexane	7.67	56	16249	1.05	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	53496	4.04	ug/l #	48
38) Carbon Tetrachloride	7.67	117	66717	4.75	ug/l #	16
39) Methylcyclohexane	9.08	83	4597	0.34	ug/l	96
40) Benzene	8.04	78	276852	6.87	ug/l	99
41) Methacrylonitrile	7.23	41	353	2.82	ug/l #	17
43) Isopropyl Acetate	8.25	43	55969	2.13	ug/l #	61
52) Toluene	10.16	92	346069	14.55	ug/l	99
56) Ethyl methacrylate	10.43	69	161	2.04	ug/l #	1
59) 2-Hexanone	10.76	43	909	5.31	ug/l #	58
67) Ethyl Benzene	11.51	91	586215	14.28	ug/l	99
68) m/p-Xylenes	11.62	106	290818	18.73	ug/l	100
69) o-Xylene	11.95	106	86196	5.82	ug/l	96
70) Styrene	11.97	104	45556	2.62	ug/l #	82
71) Bromoform	12.40	173	3459	0.48	ug/l #	1
73) Isopropylbenzene	12.25	105	28035	0.80	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.41	83	209	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	244836	29.07	ug/l #	100
77) Bromobenzene	12.54	156	2588	0.27	ug/l #	1
78) n-propylbenzene	12.59	91	20836	0.53	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	51871	1.88	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	244836	92.20	ug/l #	13
83) tert-Butylbenzene	13.04	119	14371	0.60	ug/l #	52
84) 1,2,4-Trimethylbenzene	13.04	105	115324	4.14	ug/l	98
85) sec-Butylbenzene	13.04	105	115324	3.58	ug/l #	56
86) p-Isopropyltoluene	13.29	119	20623	0.76	ug/l	92
90) Hexachloroethane	13.83	117	2323	0.39	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	75	Below Cal	#	48
93) 1,2,4-Trichlorobenzene	14.91	180	1820	3.28	ug/l #	91
95) Naphthalene	15.14	128	2520900	115.45	ug/l	100

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

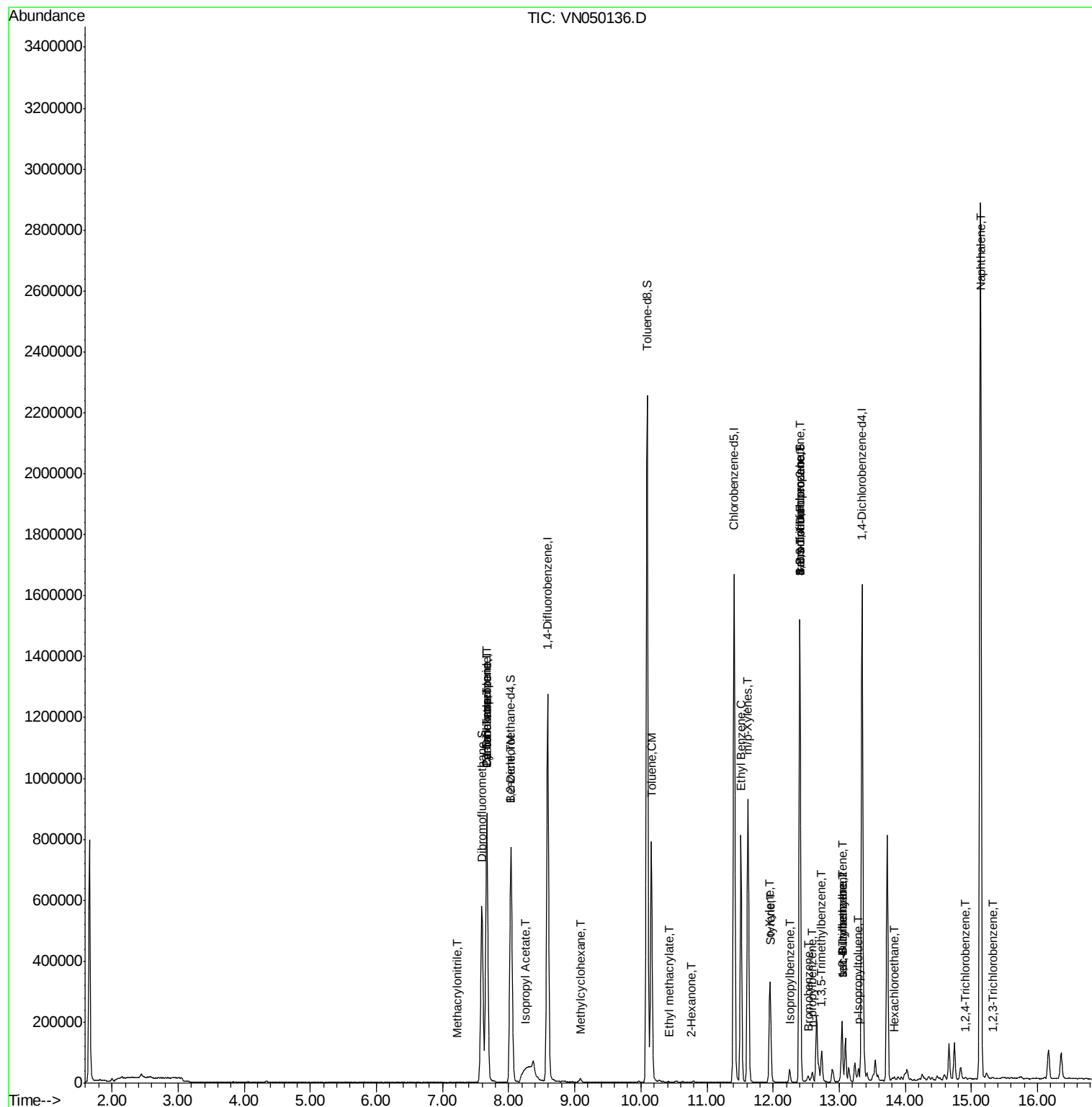
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	1834	2.41	ug/l	83

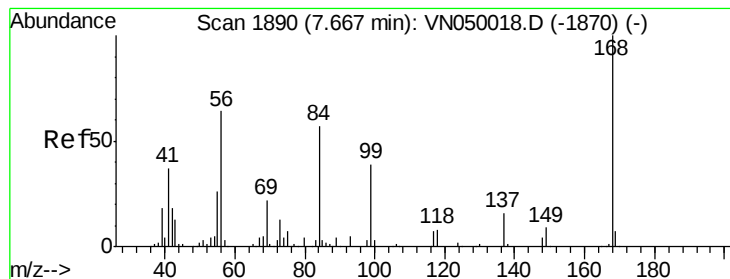
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Instrument :

MSVOA_N

ClientSampleId :

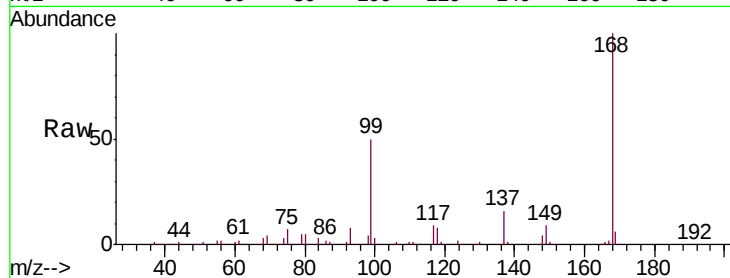
MW-2BDL

Tot Ion:168 Resp: 756673

Ion Ratio Lower Upper

168 100

99 50.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

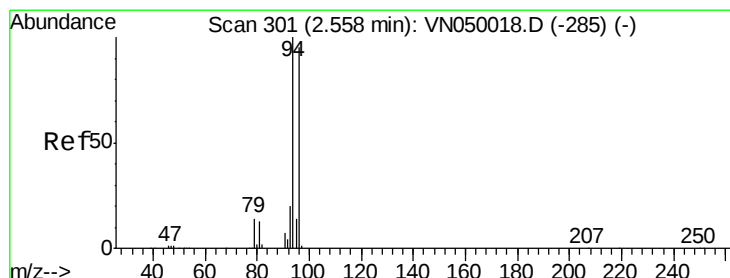
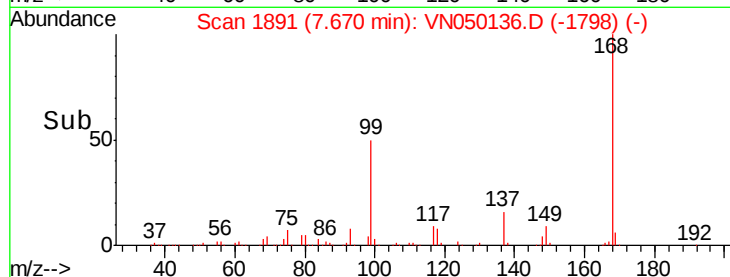
200000

100000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050136.D

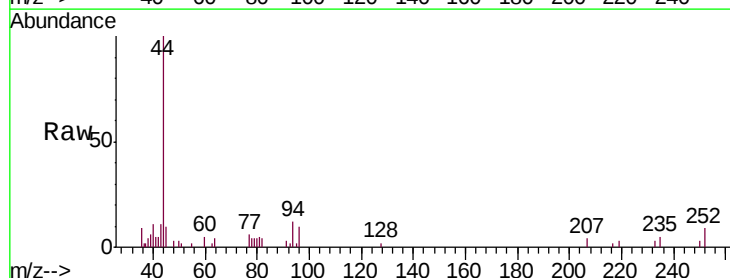
Acq: 27 Jul 2018 17:53

Tgt Ion: 94 Resp: 1828

Ion Ratio Lower Upper

94 100

96 84.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

1000

800

600

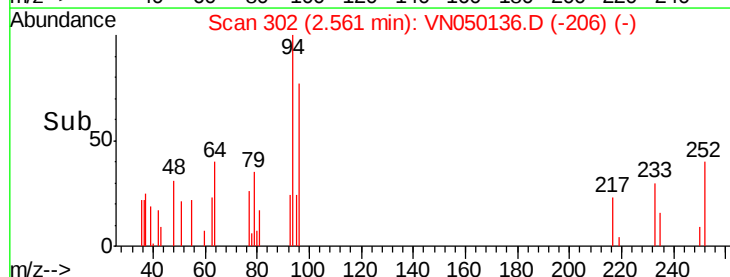
400

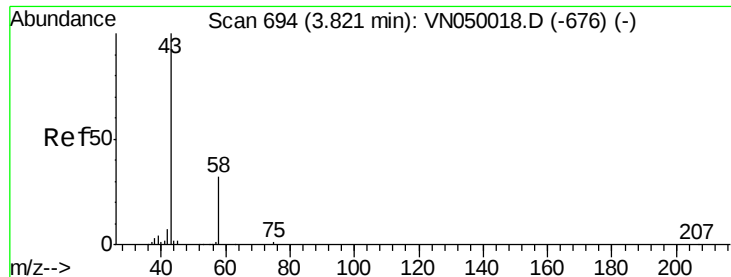
200

0

2.55 2.60

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.84 min Scan# 699

Delta R.T. 0.01 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Instrument :

MSVOA_N

ClientSampled :

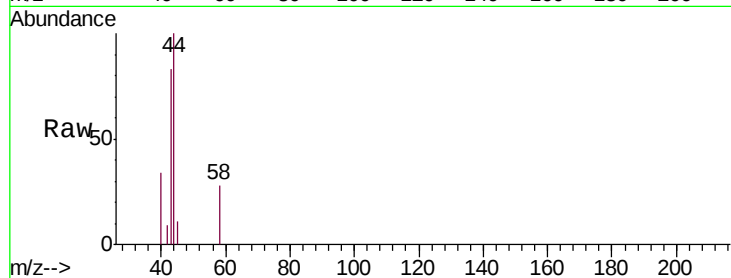
MW-2BDL

Tot Ion: 43 Resp: 4555

Ion Ratio Lower Upper

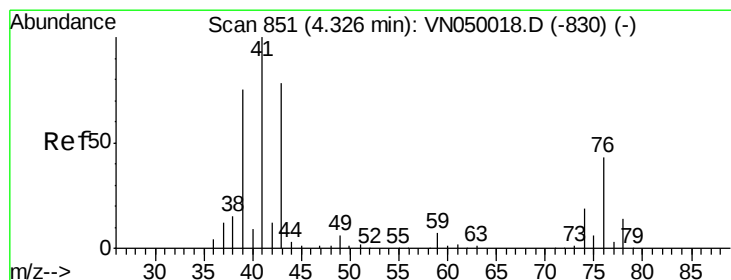
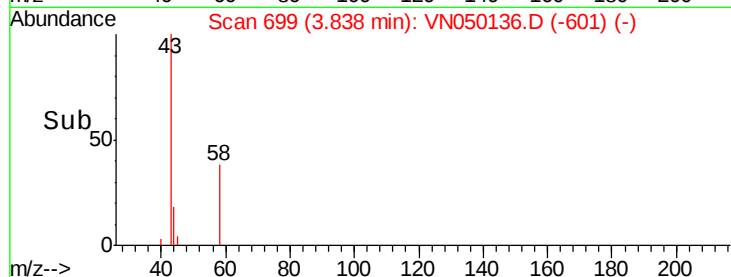
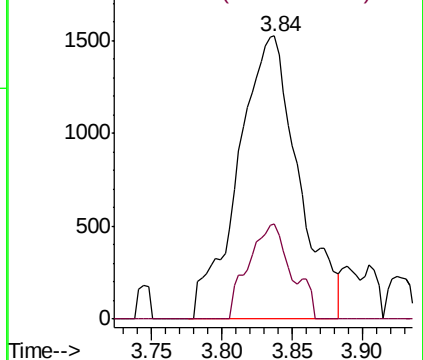
43 100

58 33.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050136.D

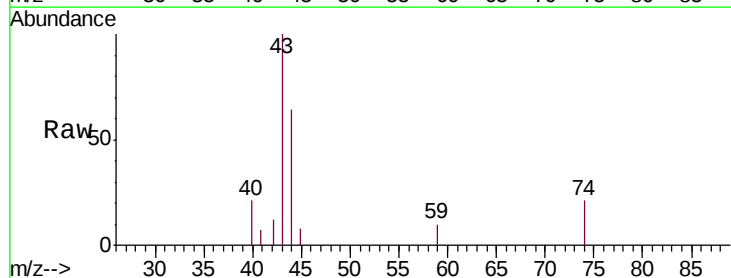
Acq: 27 Jul 2018 17:53

Tgt Ion: 43 Resp: 7718

Ion Ratio Lower Upper

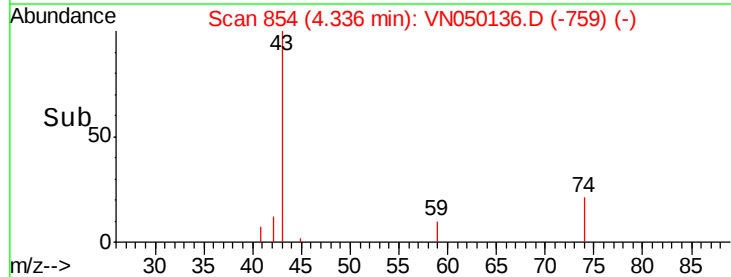
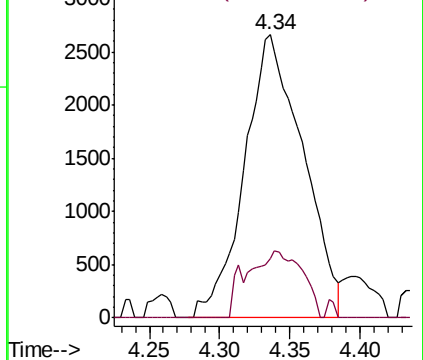
43 100

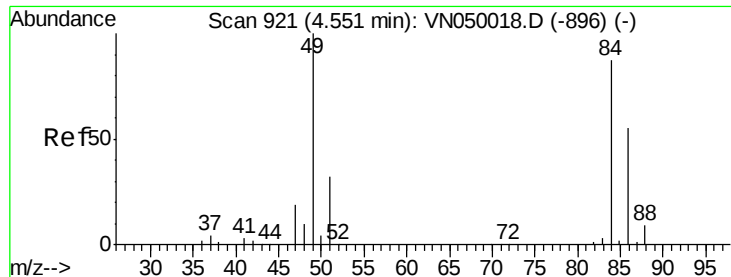
74 18.1 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

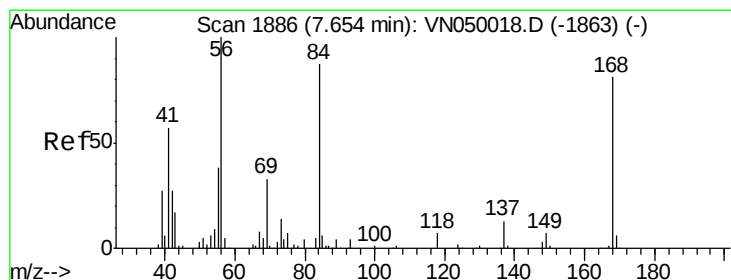
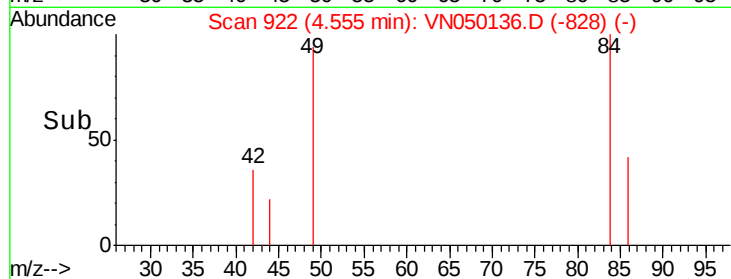
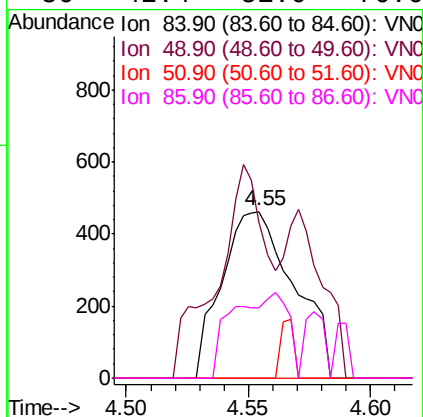
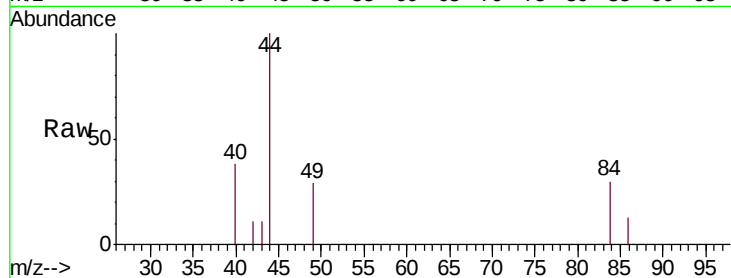




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

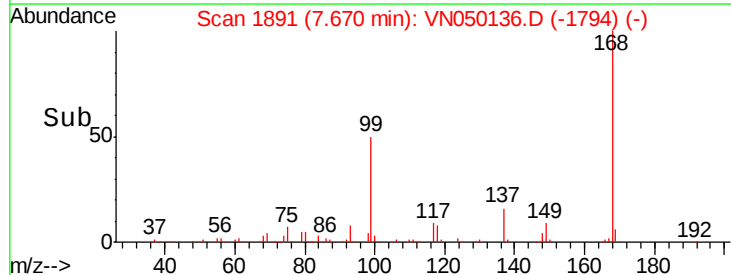
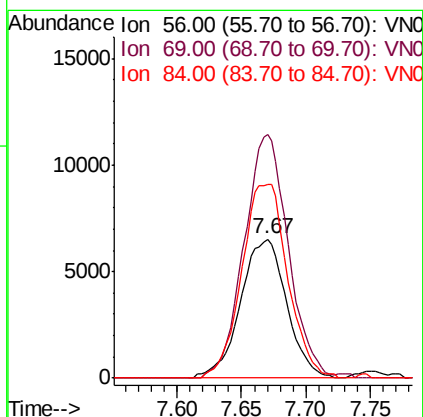
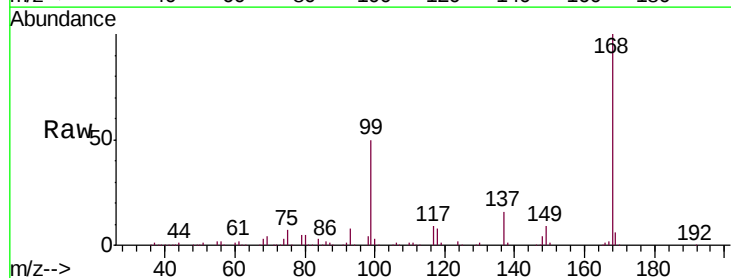
Instrument :
MSVOA_N
ClientSampleId :
MW-2BDL

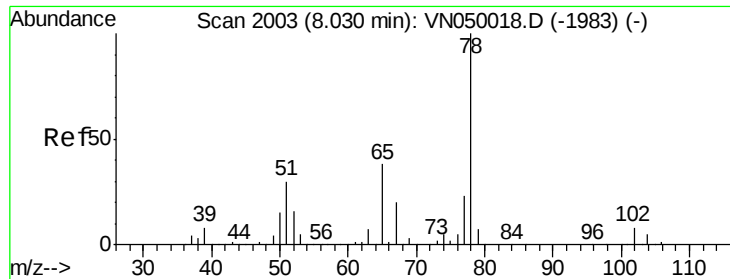
Tot Ion: 84 Resp: 946
Ion Ratio Lower Upper
84 100
49 51.3 94.8 142.2#
51 0.0 28.3 42.5#
86 42.4 51.0 76.6#



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Tgt Ion: 56 Resp: 16249
Ion Ratio Lower Upper
56 100
69 175.0 26.2 39.4#
84 138.8 67.4 101.0#

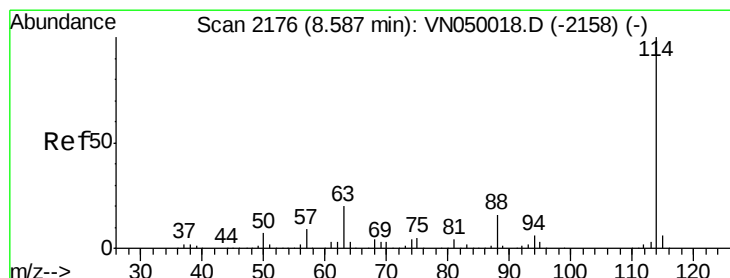
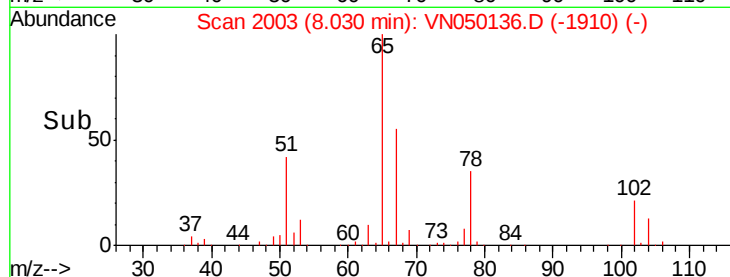
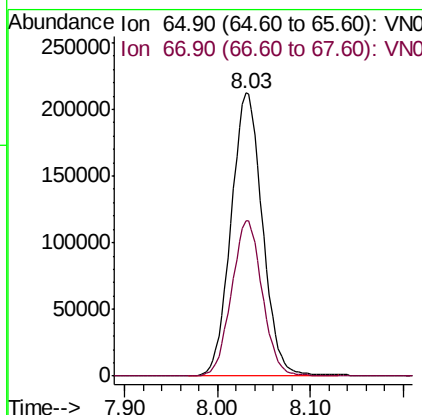
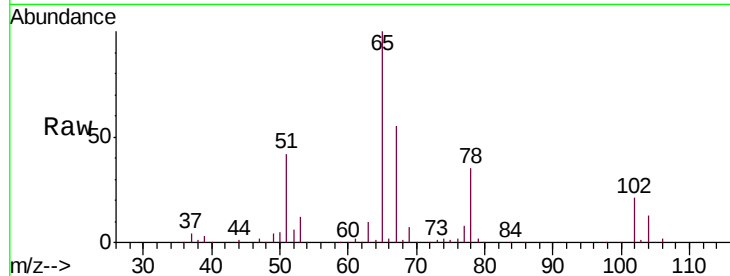




#33
 1,2-Dichloroethane-d4
 Concen: 47.24 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050136.D
 Acq: 27 Jul 2018 17:53

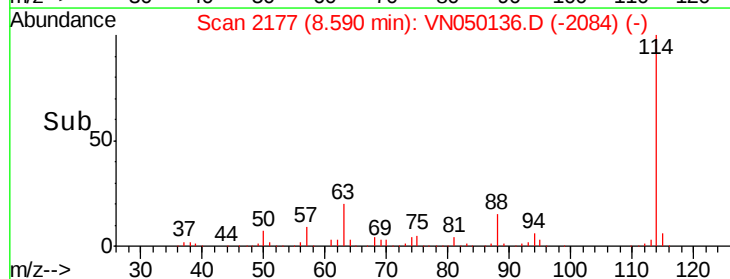
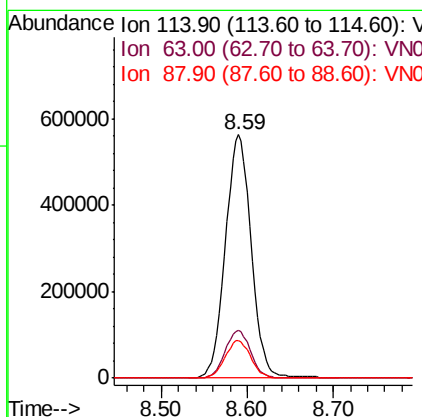
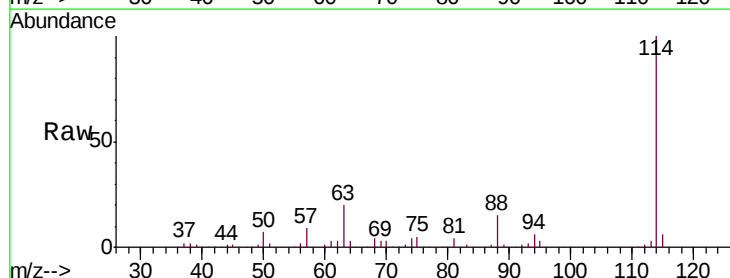
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2BDL

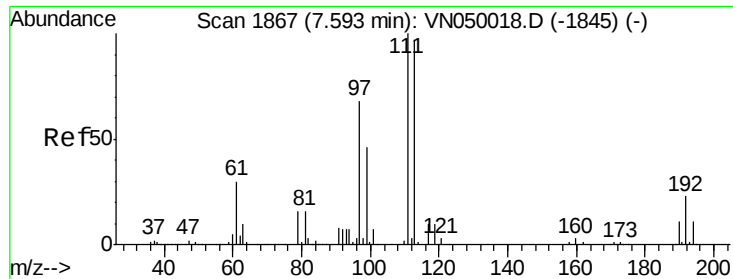
Tot Ion: 65 Resp: 498729
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050136.D
 Acq: 27 Jul 2018 17:53

Tgt Ion: 114 Resp: 1175276
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.4 0.0 31.2

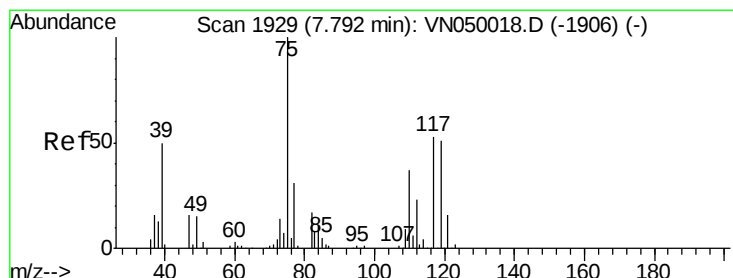
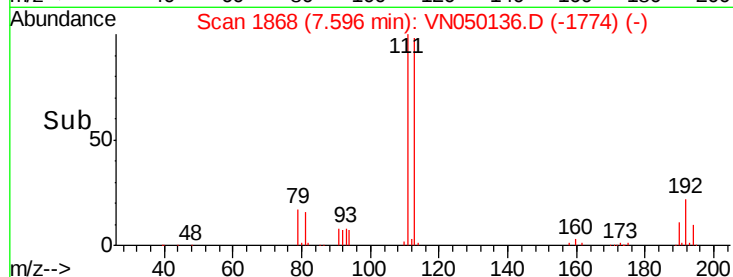
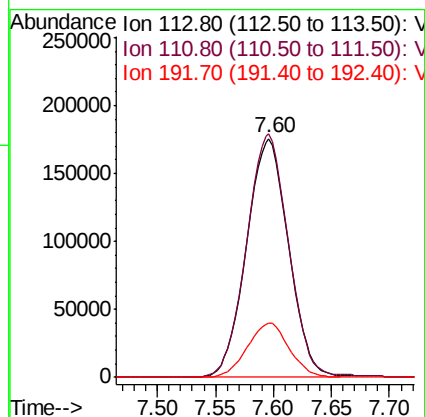
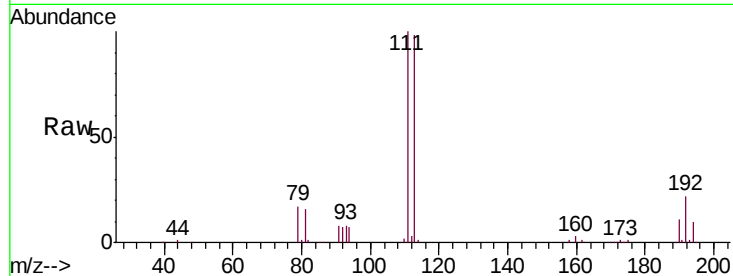




#35
Dibromofluoromethane
Concen: 46.12 ug/l
RT: 7.60 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

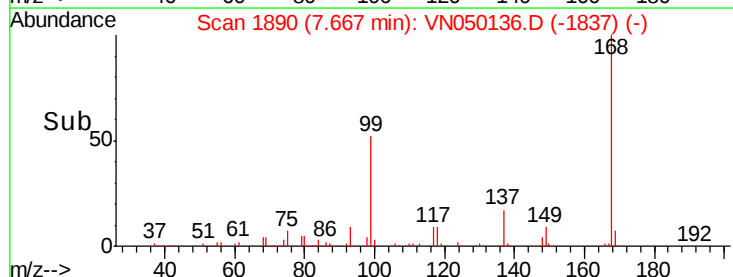
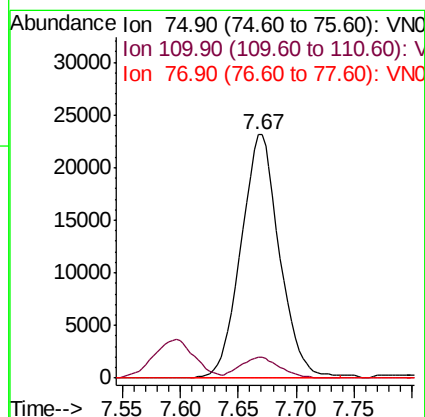
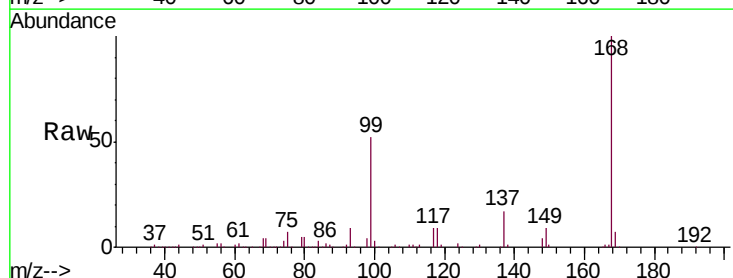
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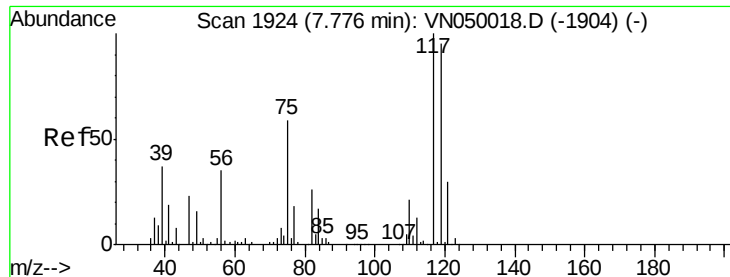
Tot Ion:113 Resp: 442556
Ion Ratio Lower Upper
113 100
111 102.3 80.7 121.1
192 22.6 17.8 26.6



#36
1,1-Dichloropropene
Concen: 4.04 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Tgt Ion: 75 Resp: 53496
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 25.3 37.9#

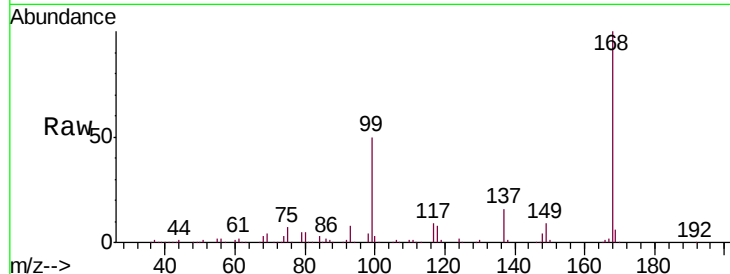




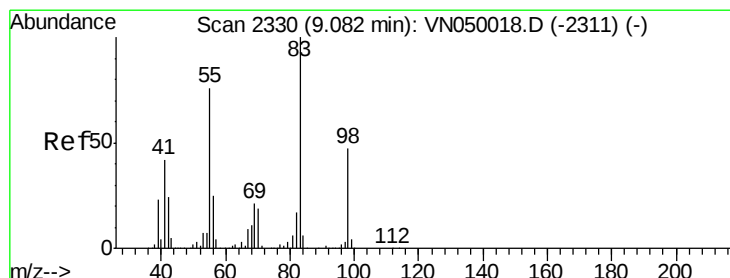
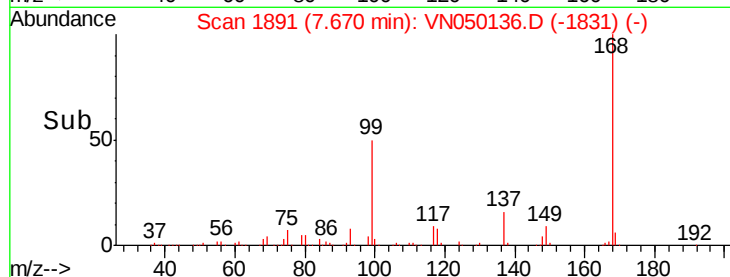
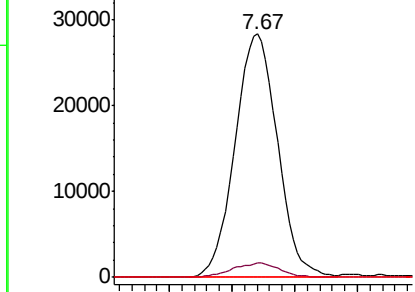
#38
Carbon Tetrachloride
Concen: 4.75 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Instrument :
MSVOA_N
ClientSampled :
MW-2BDL

Tot Ion:117 Resp: 66717
Ion Ratio Lower Upper
117 100
119 5.9 77.4 116.0#
121 0.0 23.9 35.9#

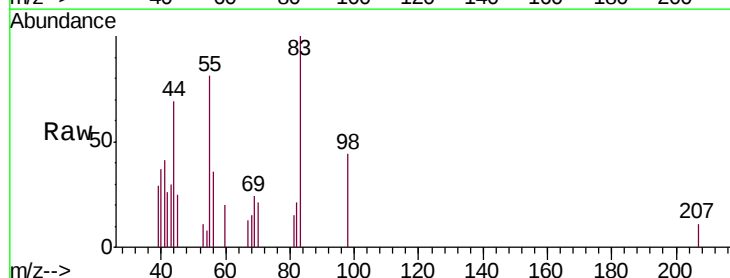


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

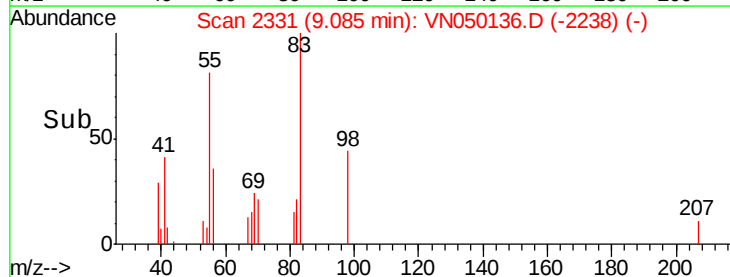
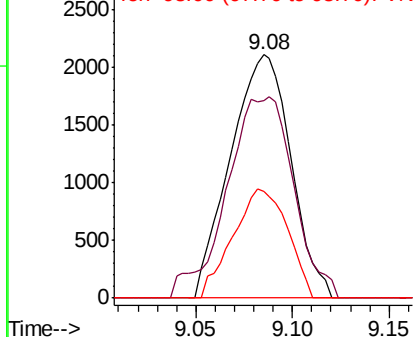


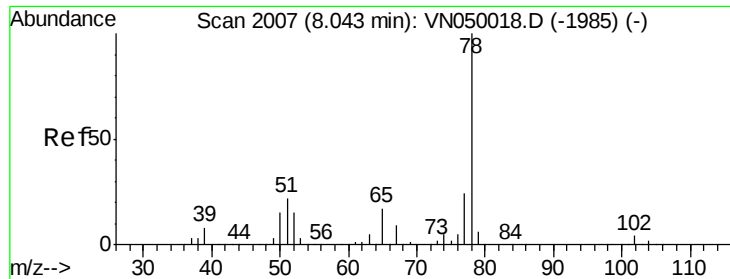
#39
Methylcyclohexane
Concen: 0.34 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Tgt Ion: 83 Resp: 4597
Ion Ratio Lower Upper
83 100
55 81.0 61.8 92.8
98 43.8 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





#40

Benzene

Concen: 6.87 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Instrument :

MSVOA_N

ClientSampled :

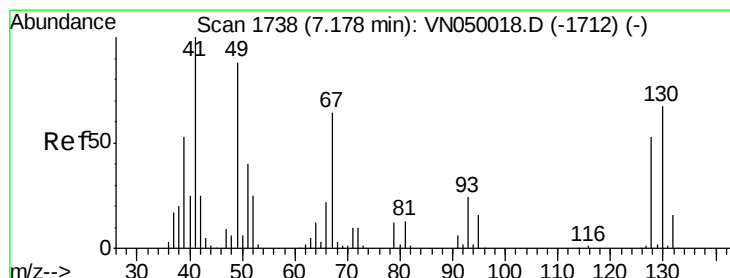
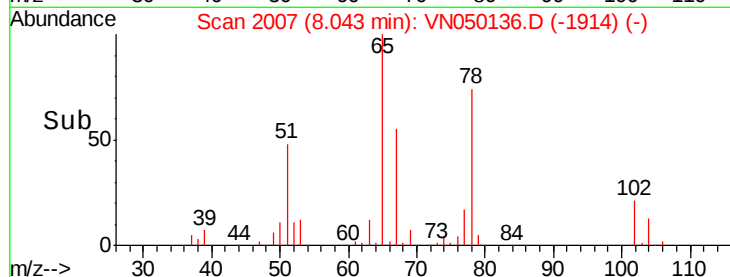
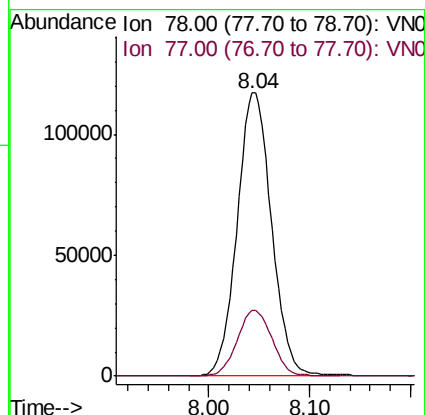
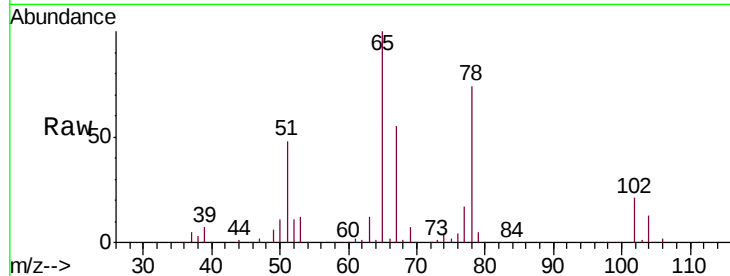
MW-2BDL

Tot Ion: 78 Resp: 276852

Ion Ratio Lower Upper

78 100

77 23.1 18.7 28.1



#41

Methacrylonitrile

Concen: 2.82 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.06 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Tgt Ion: 41 Resp: 353

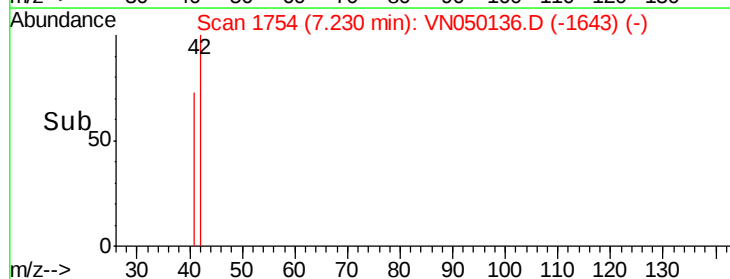
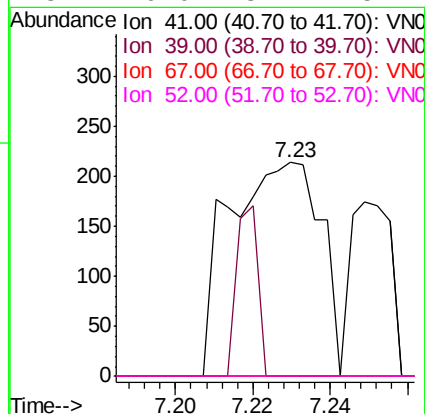
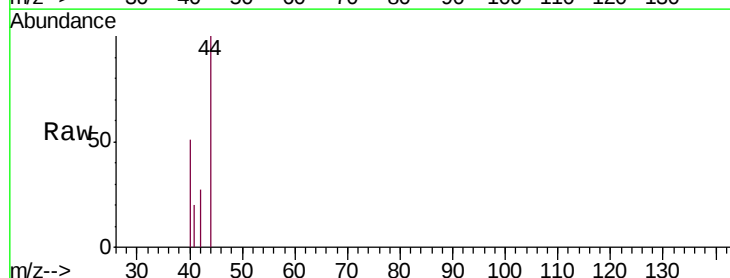
Ion Ratio Lower Upper

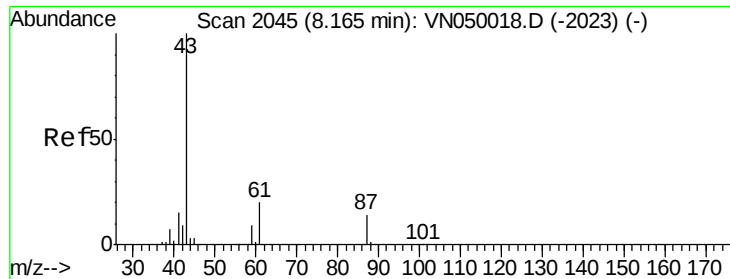
41 100

39 17.8 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#





#43

Isopropyl Acetate

Concen: 2.13 ug/l

RT: 8.25 min Scan# 2071

Delta R.T. 0.08 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Instrument :

MSVOA_N

ClientSampleId :

MW-2BDL

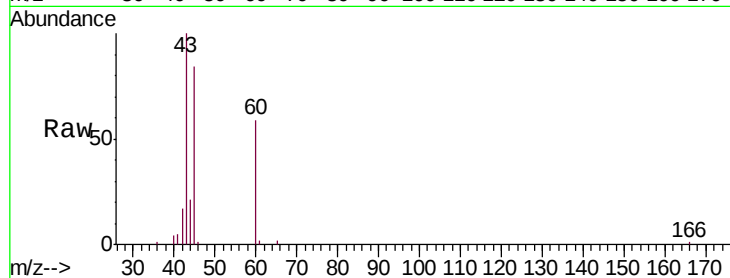
Tot Ion: 43 Resp: 55969

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.6#

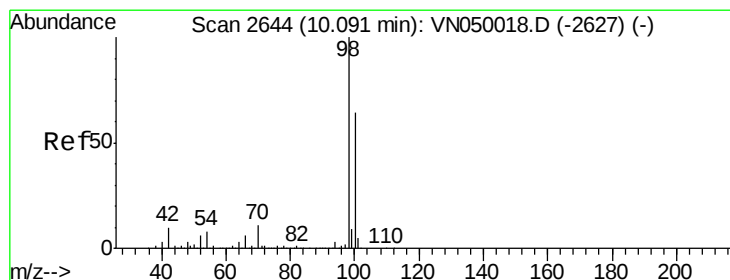
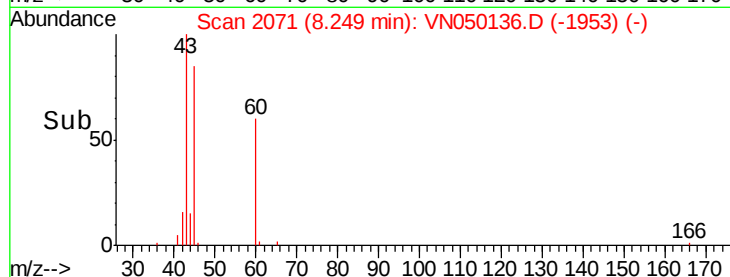
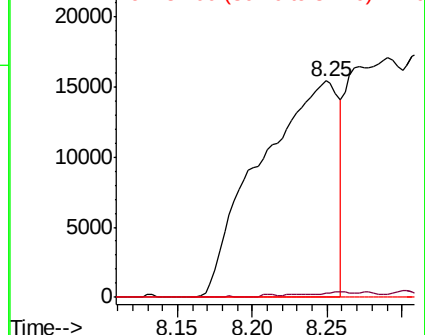
87 0.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 45.77 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050136.D

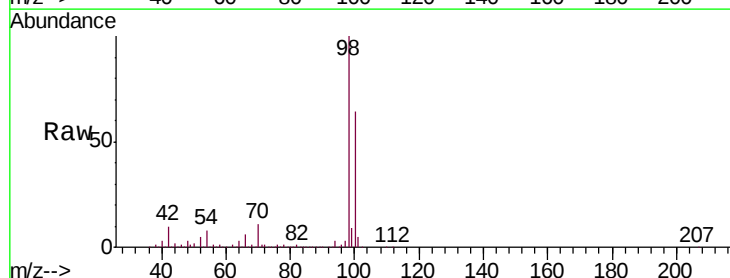
Acq: 27 Jul 2018 17:53

Tgt Ion: 98 Resp: 1614659

Ion Ratio Lower Upper

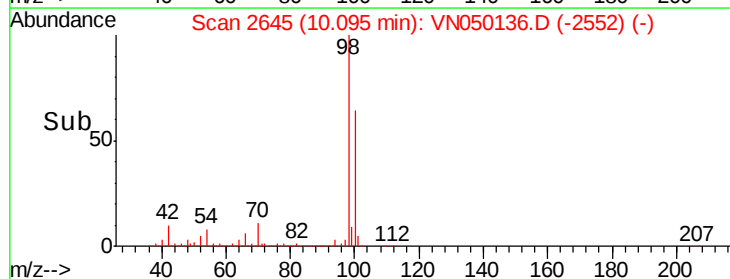
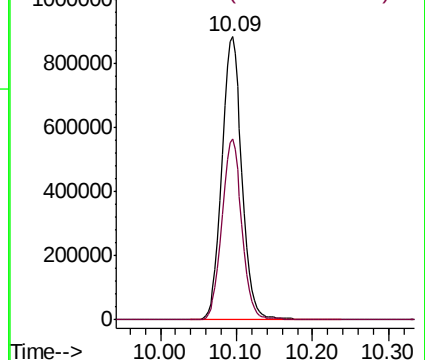
98 100

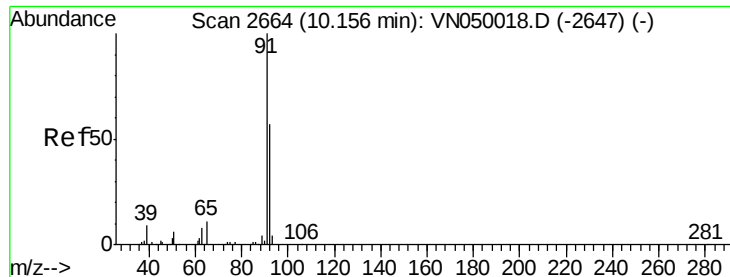
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 14.55 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Instrument :

MSVOA_N

ClientSampled :

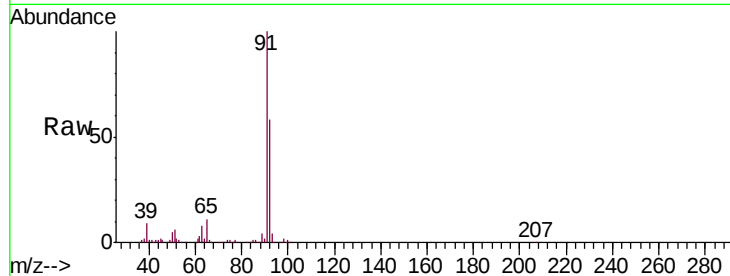
MW-2BDL

Tot Ion: 92 Resp: 346069

Ion Ratio Lower Upper

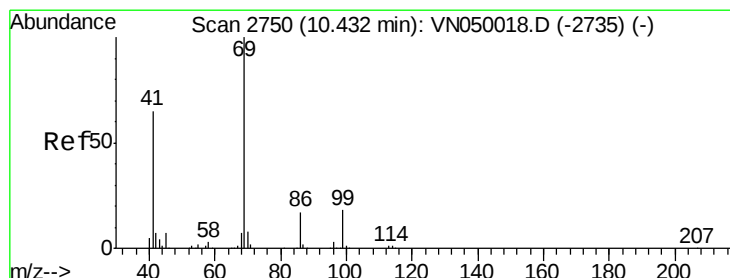
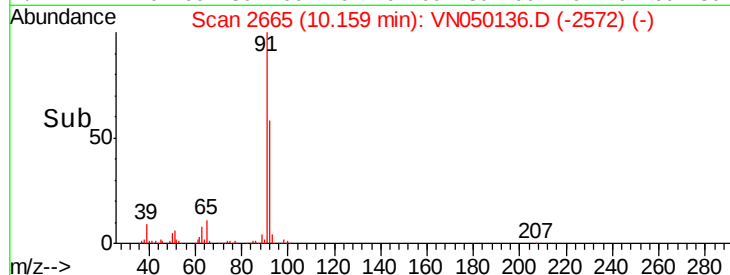
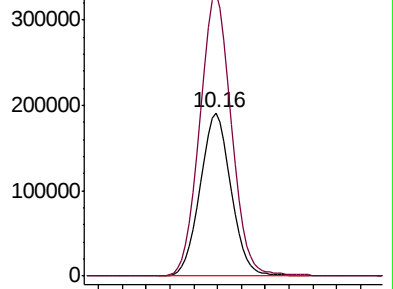
92 100

91 176.4 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#56

Ethyl methacrylate

Concen: 2.04 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

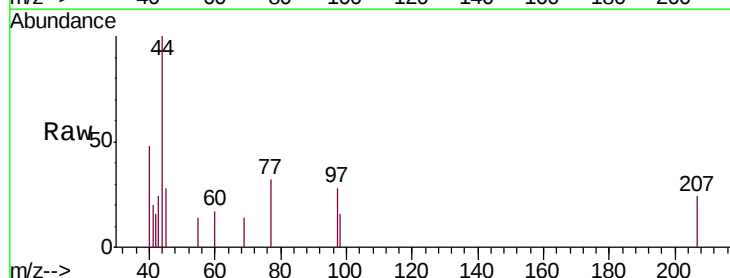
Tgt Ion: 69 Resp: 161

Ion Ratio Lower Upper

69 100

41 210.6 51.0 76.4#

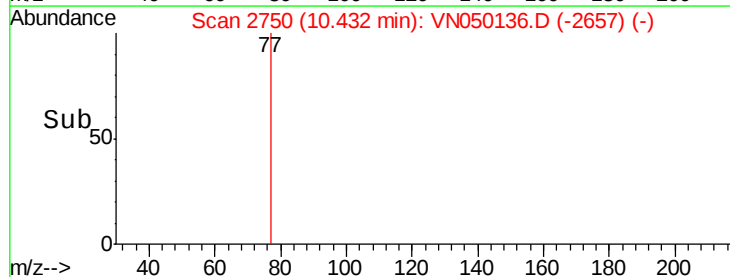
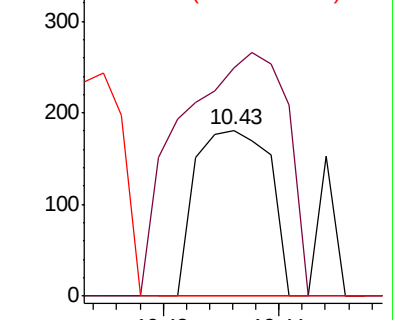
39 0.0 26.6 40.0#

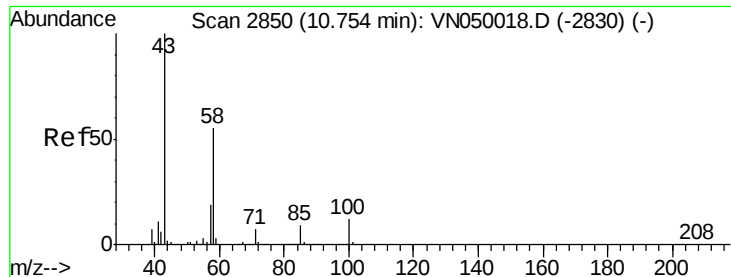


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#59

2-Hexanone

Concen: 5.31 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Instrument :

MSVOA_N

ClientSampled :

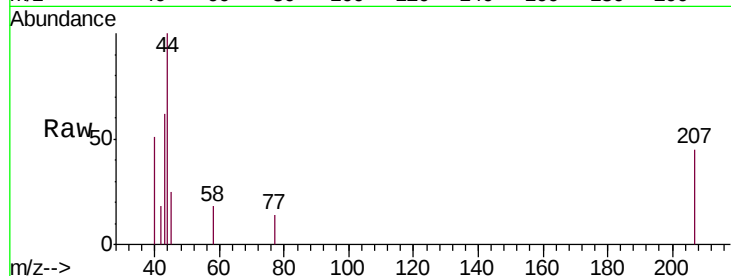
MW-2BDL

Tot Ion: 43 Resp: 909

Ion Ratio Lower Upper

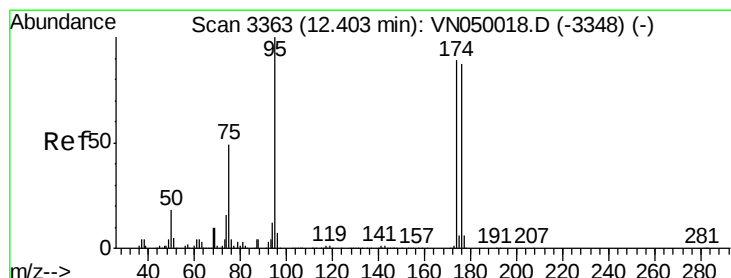
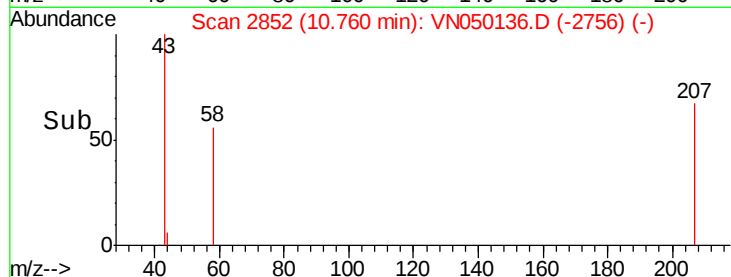
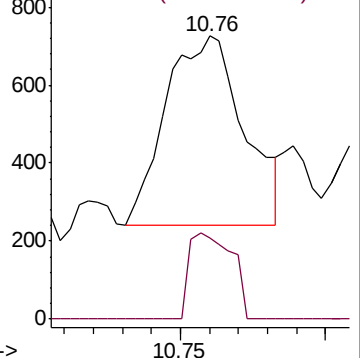
43 100

58 24.8 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 43.80 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

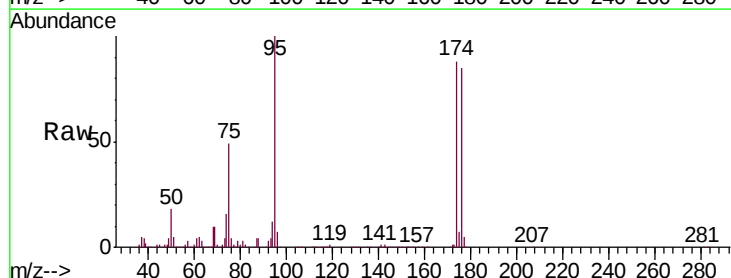
Tgt Ion: 95 Resp: 508845

Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.2

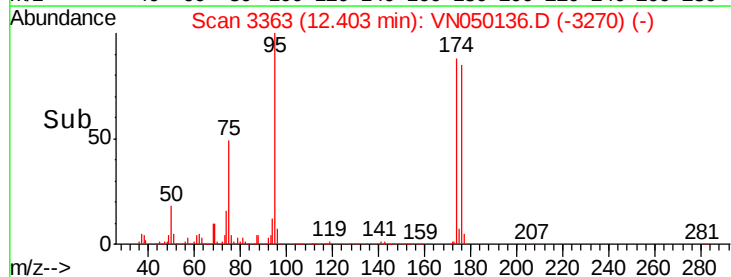
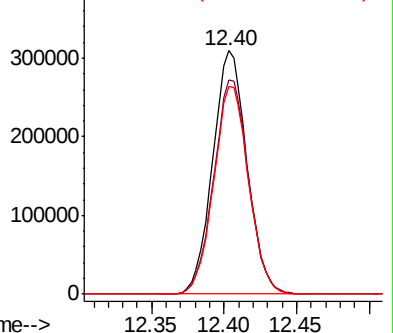
176 86.9 0.0 173.4

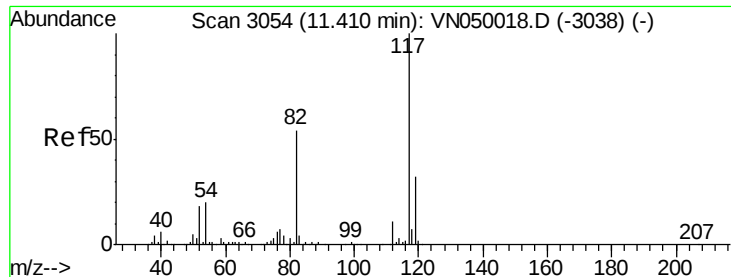


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

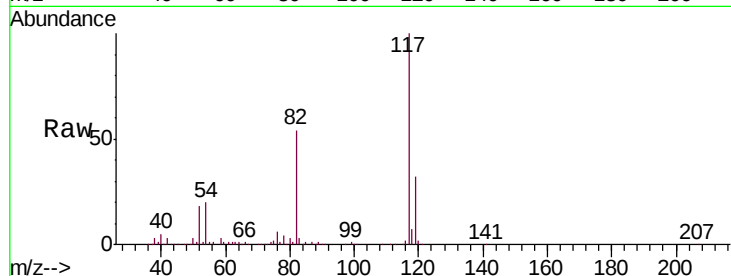




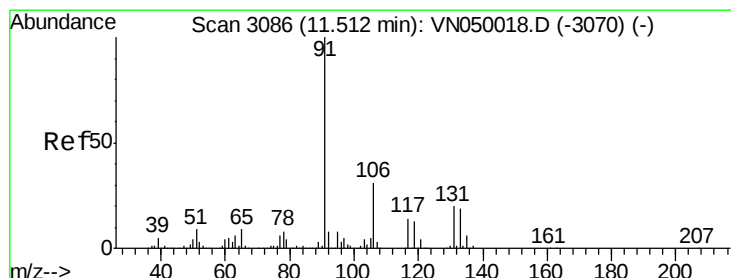
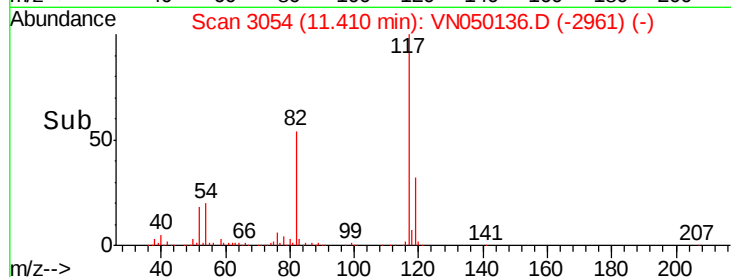
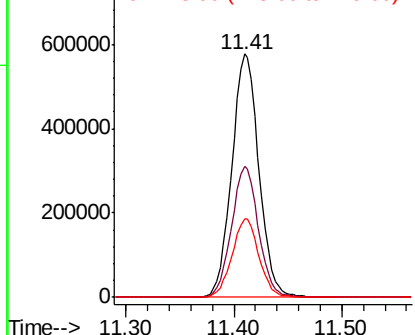
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Instrument :
MSVOA_N
ClientSampled :
MW-2BDL

Tot Ion:117 Resp: 1011562
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.2 26.1 39.1

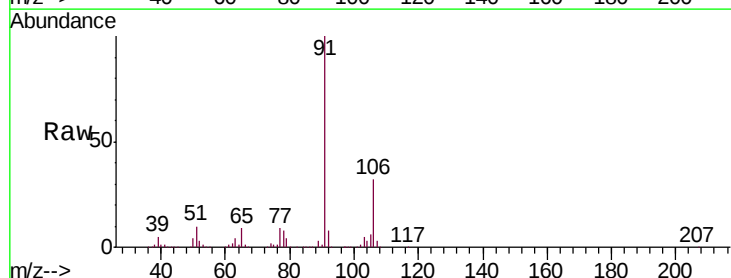


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

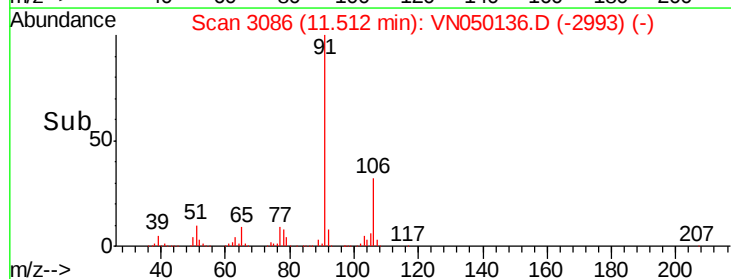
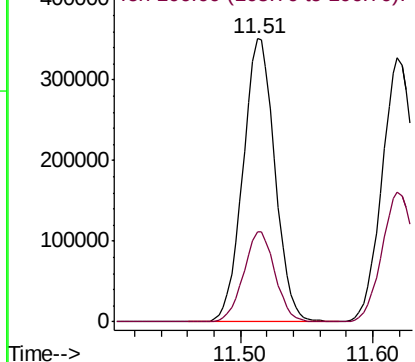


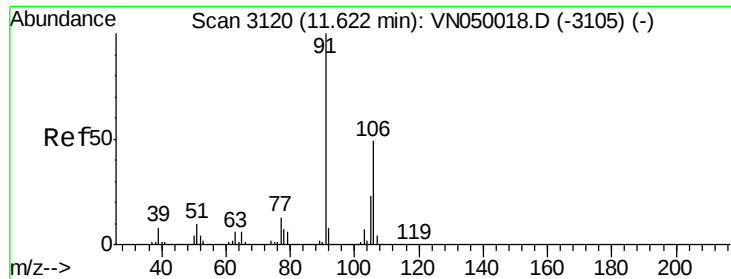
#67
Ethyl Benzene
Concen: 14.28 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Tgt Ion: 91 Resp: 586215
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



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

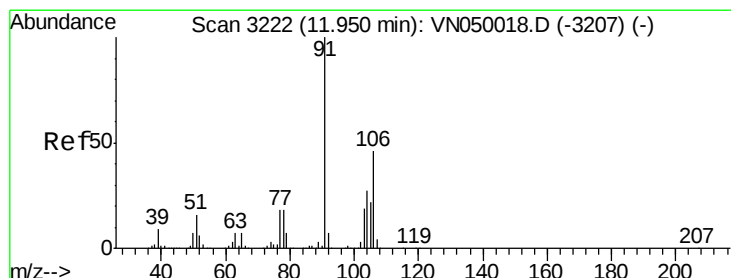
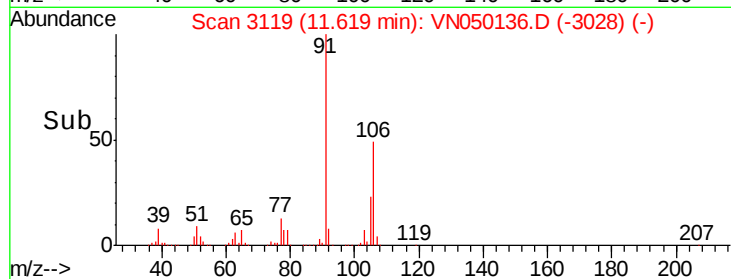
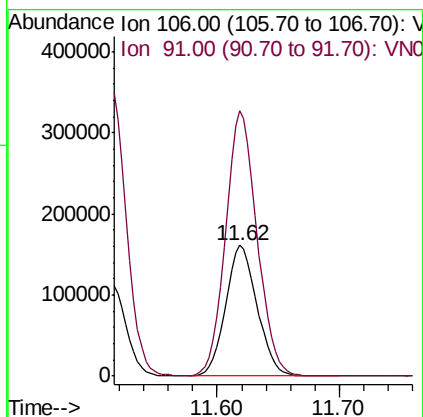
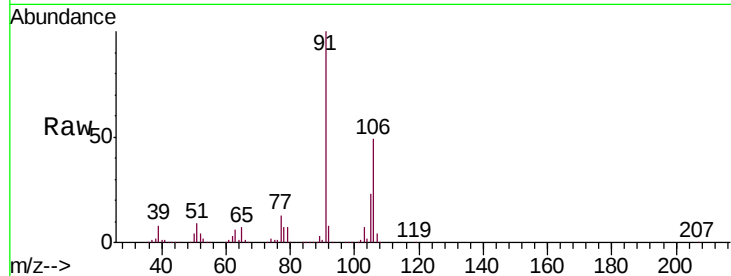




#68
m/p-Xylenes
Concen: 18.73 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

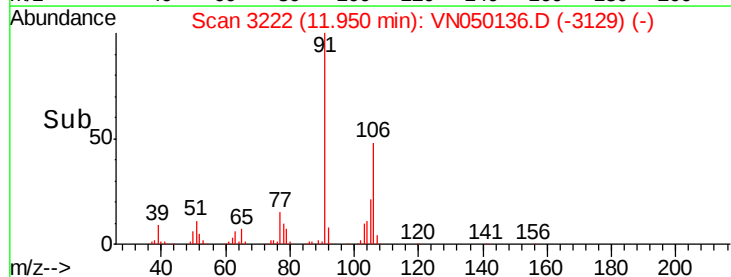
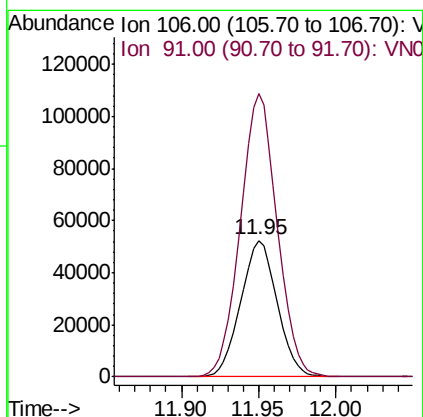
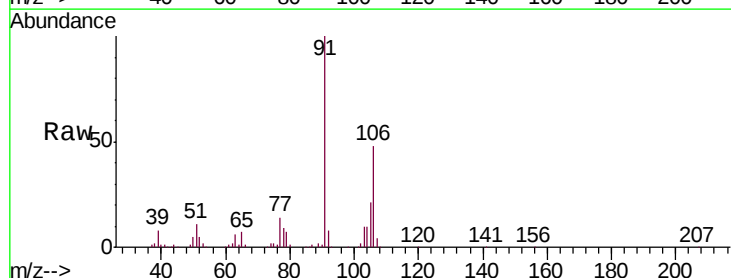
Instrument :
MSVOA_N
ClientSampleId :
MW-2BDL

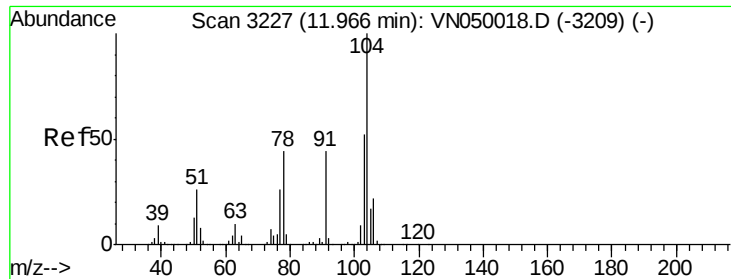
Tot Ion:106 Resp: 290818
Ion Ratio Lower Upper
106 100
91 202.2 162.2 243.2



#69
o-Xylene
Concen: 5.82 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Tgt Ion:106 Resp: 86196
Ion Ratio Lower Upper
106 100
91 208.8 107.7 323.1

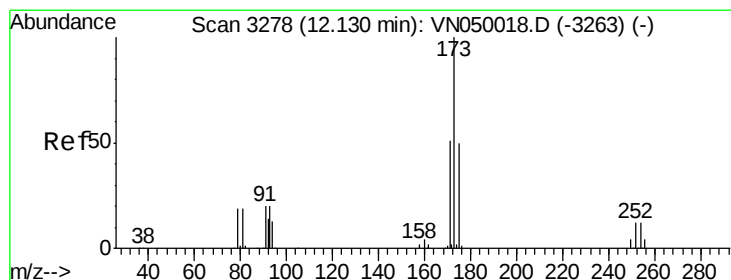
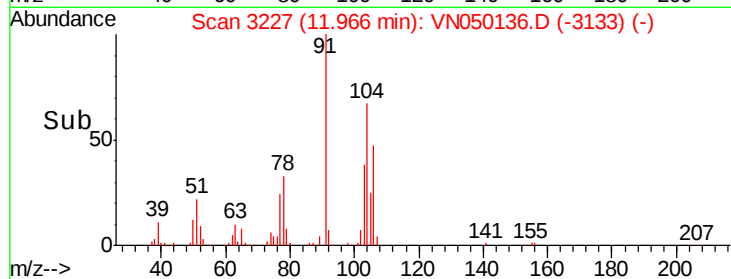
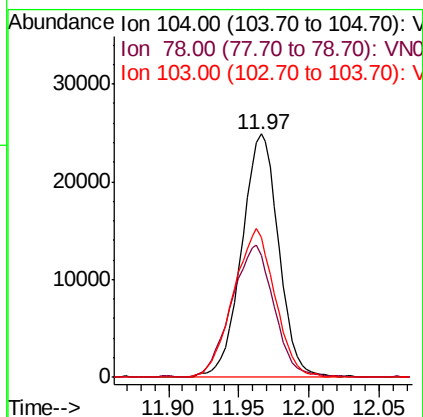
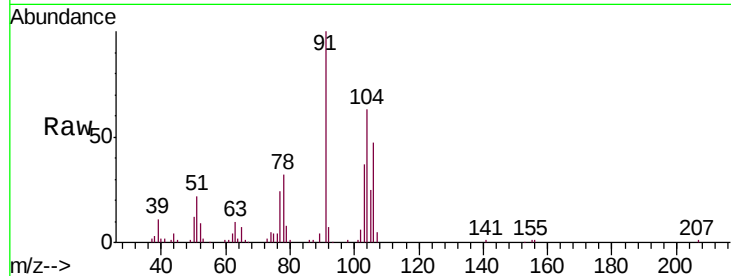




#70
Stvrene
Concen: 2.62 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

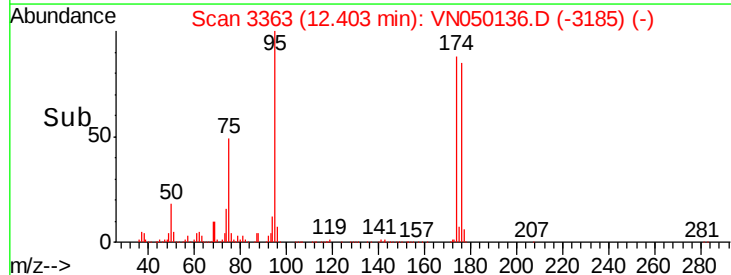
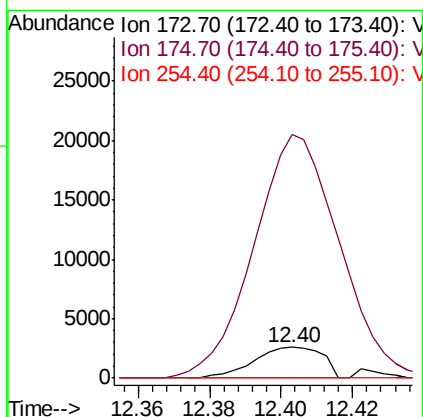
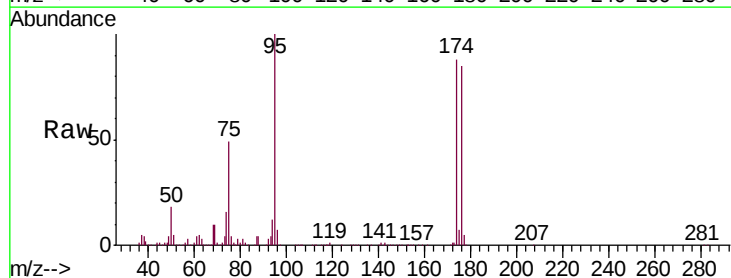
Instrument :
MSVOA_N
ClientSampleId :
MW-2BDL

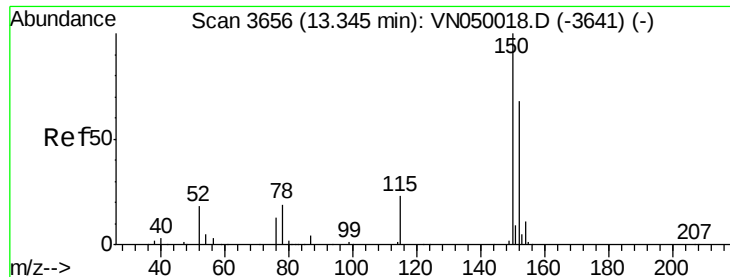
Tot Ion:104 Resp: 45556
Ion Ratio Lower Upper
104 100
78 62.5 39.3 58.9#
103 68.9 45.0 67.6#



#71
Bromoform
Concen: 0.48 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Tgt Ion:173 Resp: 3459
Ion Ratio Lower Upper
173 100
175 858.9 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Instrument :

MSVOA_N

ClientSampleId :

MW-2BDL

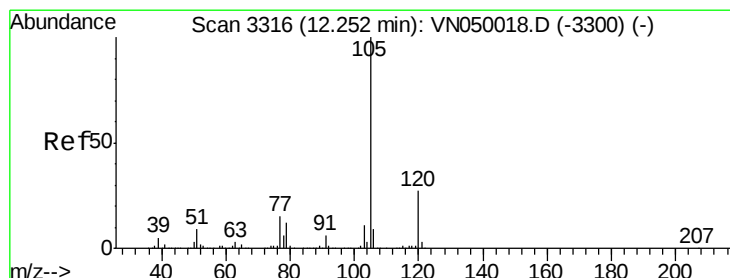
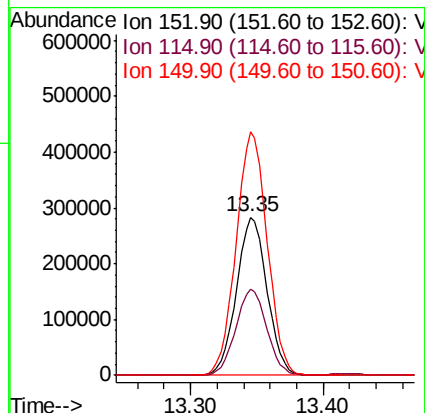
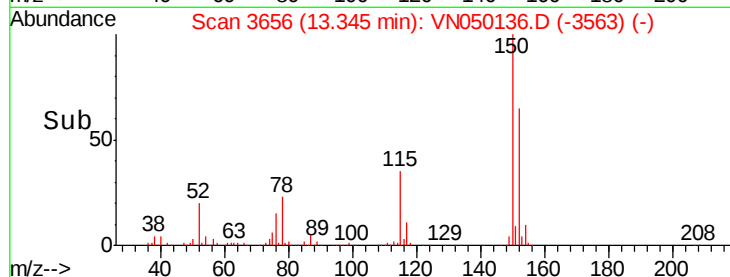
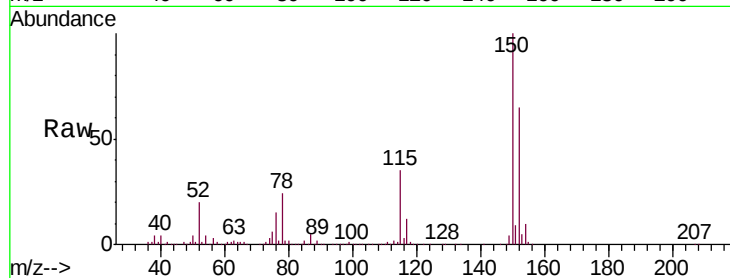
Tot Ion:152 Resp: 453237

Ion Ratio Lower Upper

152 100

115 54.6 27.8 83.3

150 156.0 0.0 348.6



#73

Isopropylbenzene

Concen: 0.80 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050136.D

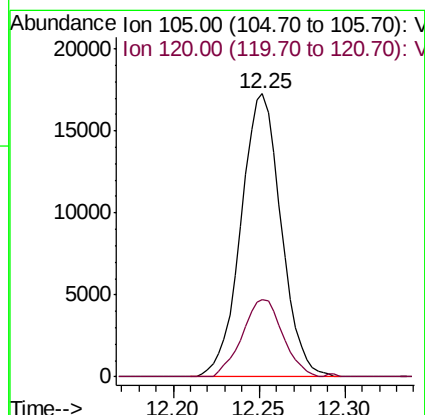
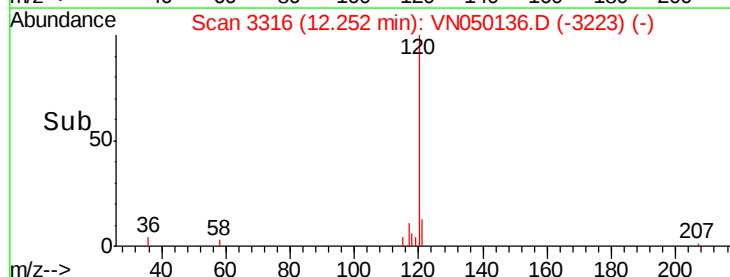
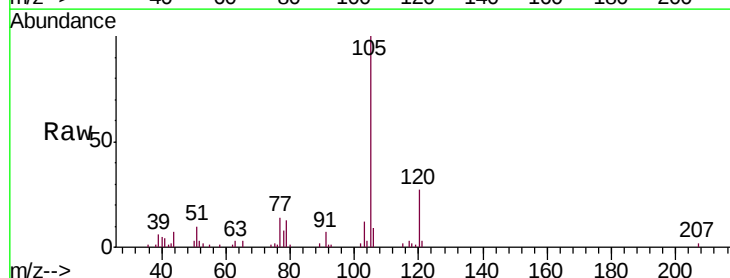
Acq: 27 Jul 2018 17:53

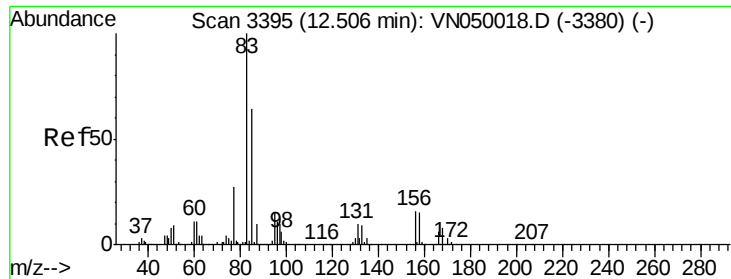
Tgt Ion:105 Resp: 28035

Ion Ratio Lower Upper

105 100

120 27.6 13.3 39.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3365

Delta R.T. -0.10 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Instrument :

MSVOA_N

ClientSampleId :

MW-2BDL

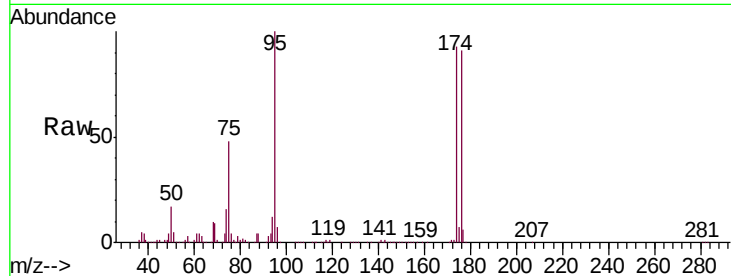
Tot Ion: 83 Resp: 209

Ion Ratio Lower Upper

83 100

131 291.4 5.1 15.3#

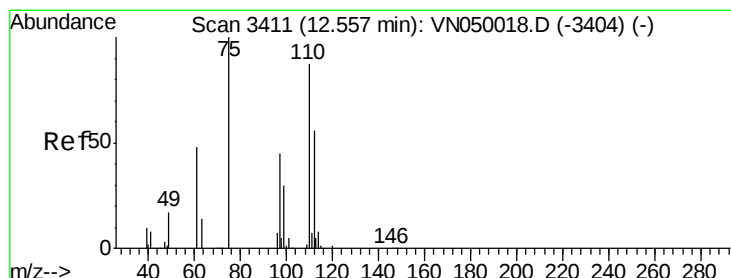
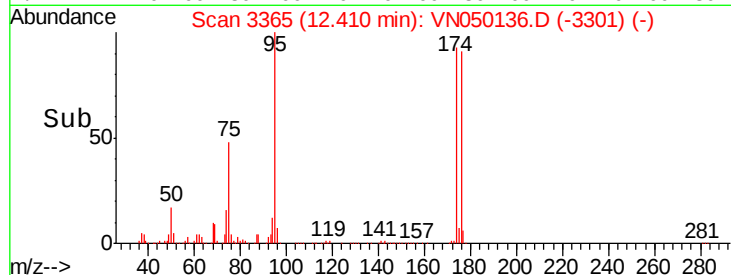
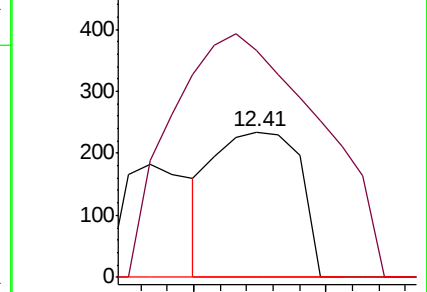
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 29.07 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050136.D

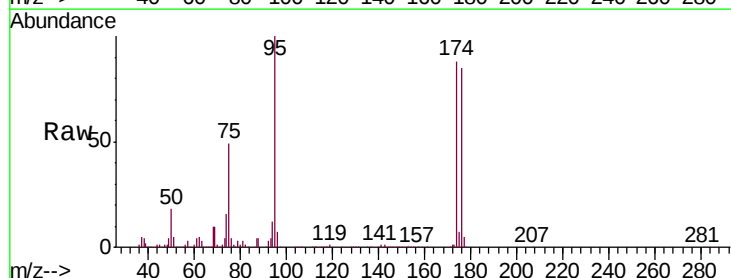
Acq: 27 Jul 2018 17:53

Tgt Ion: 75 Resp: 244836

Ion Ratio Lower Upper

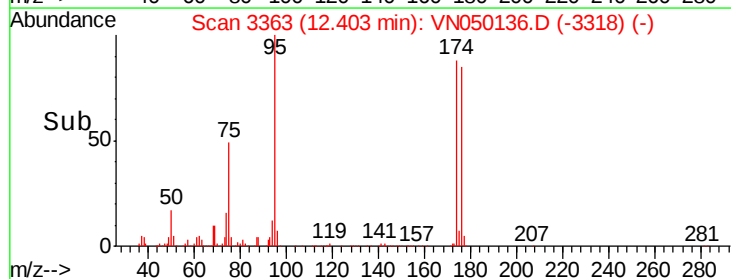
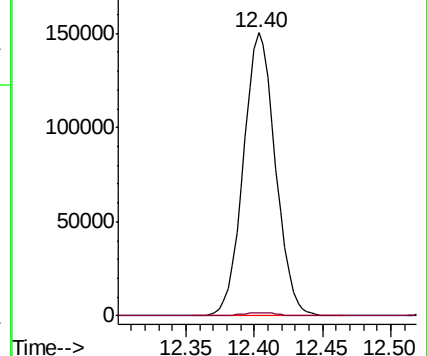
75 100

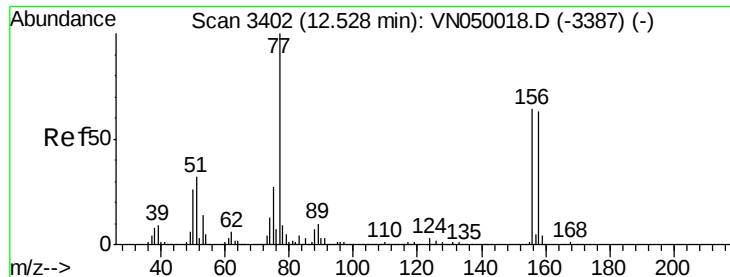
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

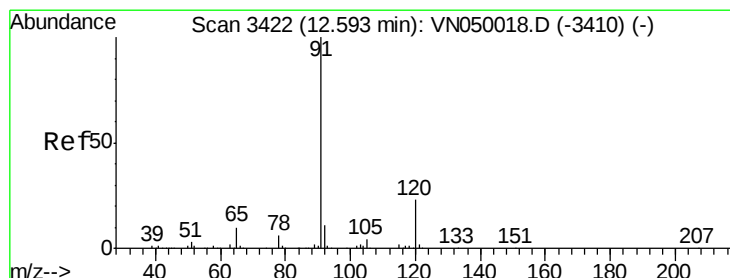
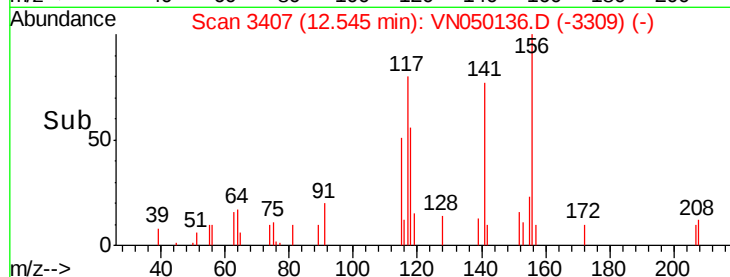
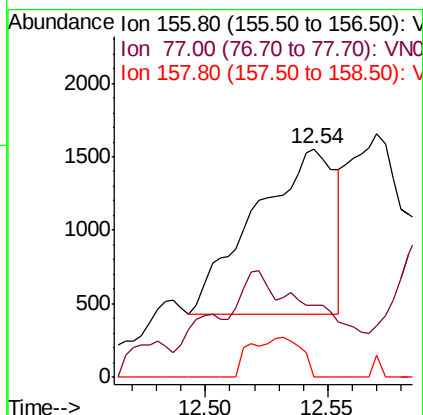
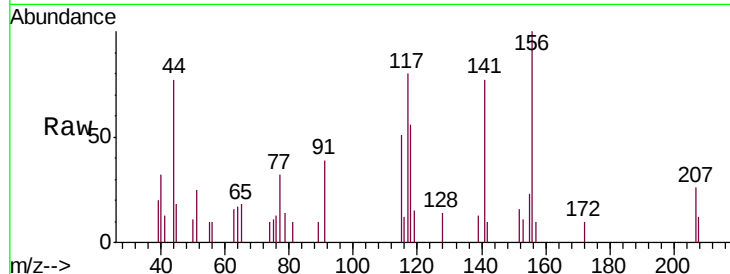




#77
Bromobenzene
Concen: 0.27 ug/l
RT: 12.54 min Scan# 3407
Delta R.T. 0.02 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

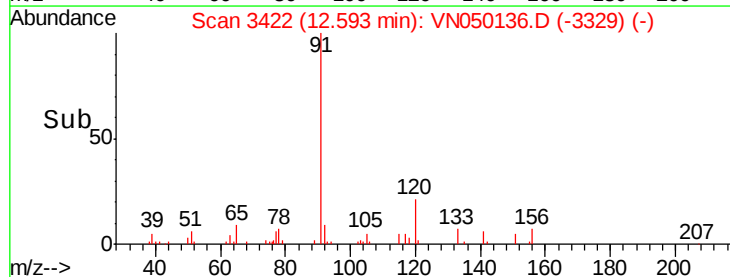
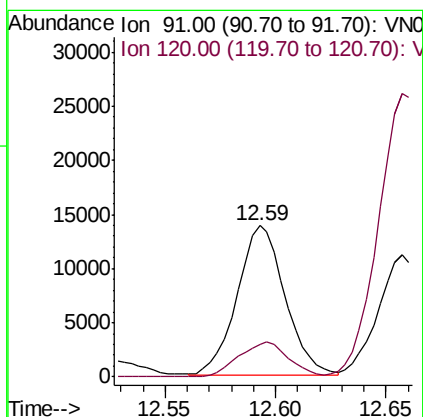
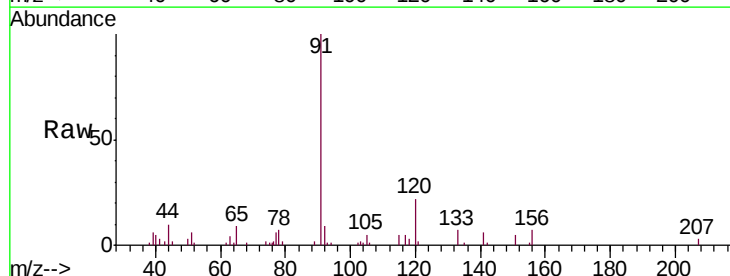
Instrument :
MSVOA_N
ClientSampled :
MW-2BDL

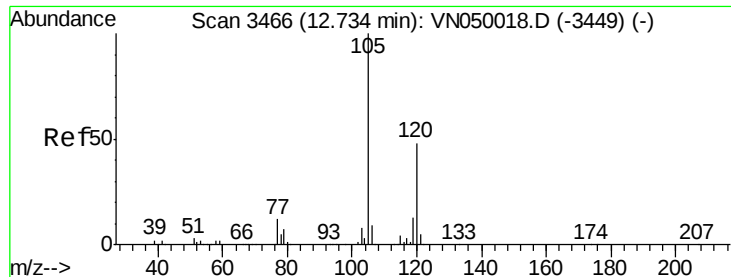
Tot Ion:156 Resp: 2588
Ion Ratio Lower Upper
156 100
77 0.0 91.7 275.1#
158 0.0 48.9 146.6#



#78
n-propylbenzene
Concen: 0.53 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Tgt Ion: 91 Resp: 20836
Ion Ratio Lower Upper
91 100
120 24.4 11.6 34.7





#80

1,3,5-Trimethylbenzene

Concen: 1.88 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Instrument :

MSVOA_N

ClientSampled :

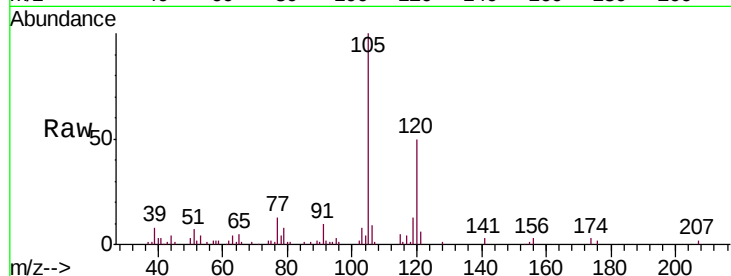
MW-2BDL

Tot Ion:105 Resp: 51871

Ion Ratio Lower Upper

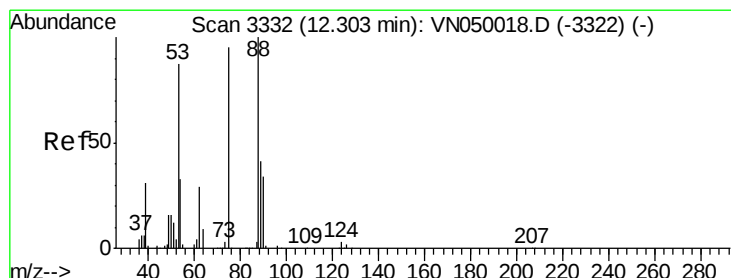
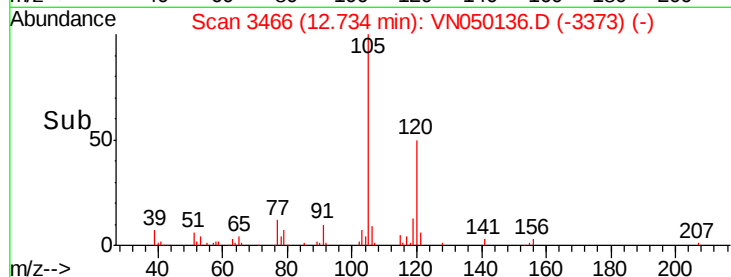
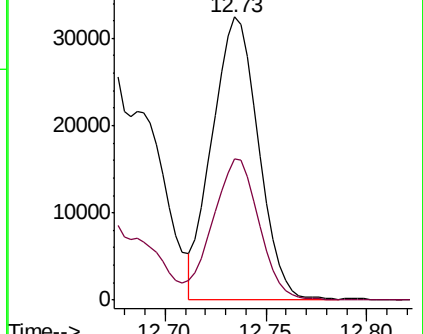
105 100

120 50.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 92.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

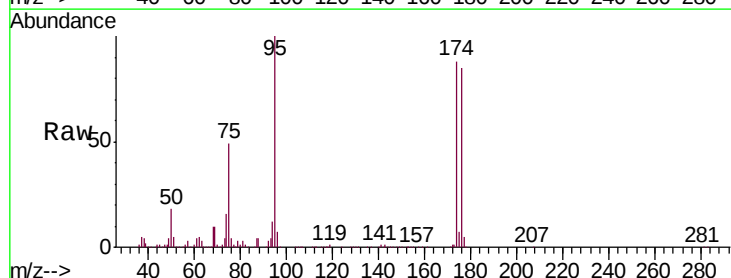
Tgt Ion: 75 Resp: 244836

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

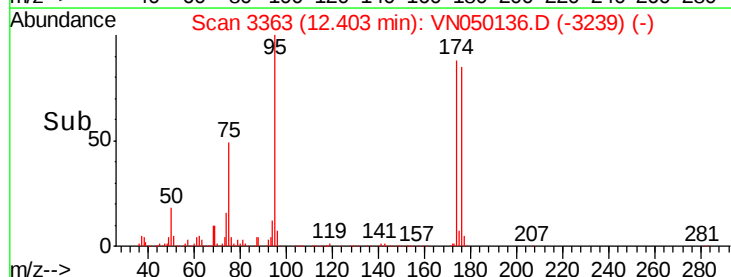
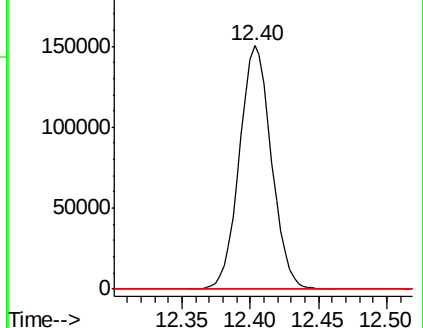
89 0.0 36.0 54.0#

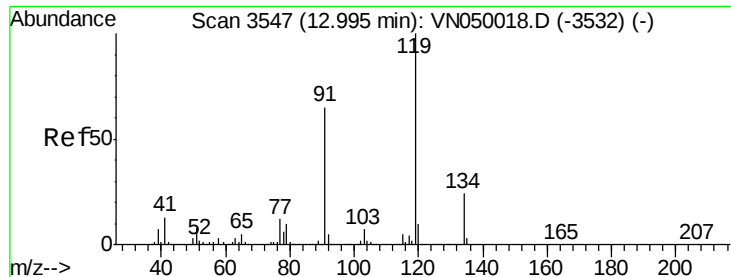


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

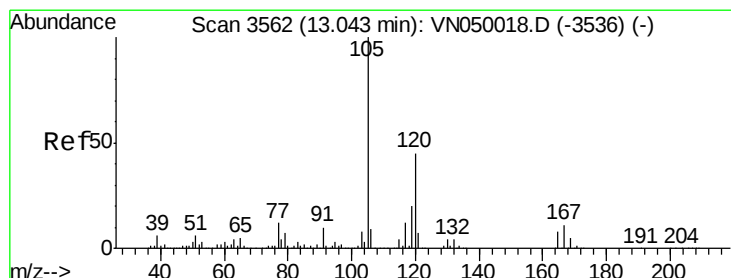
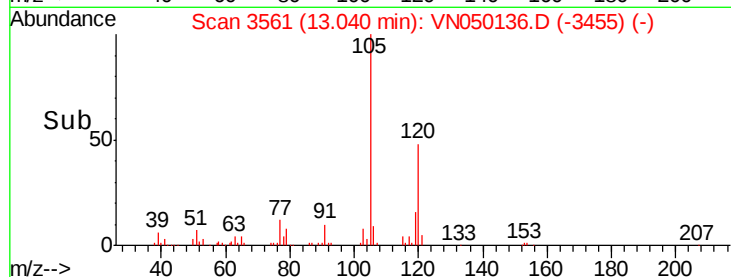
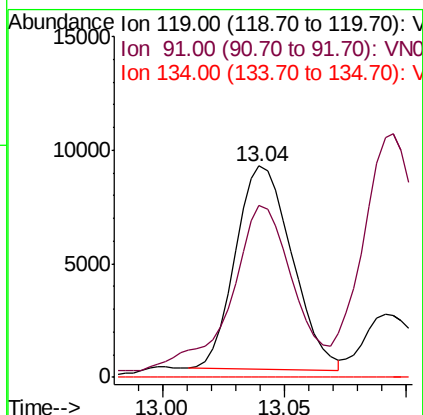
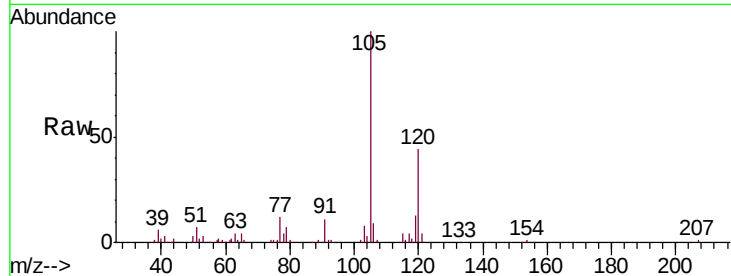




#83
tert-Butylbenzene
Concen: 0.60 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. 0.04 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

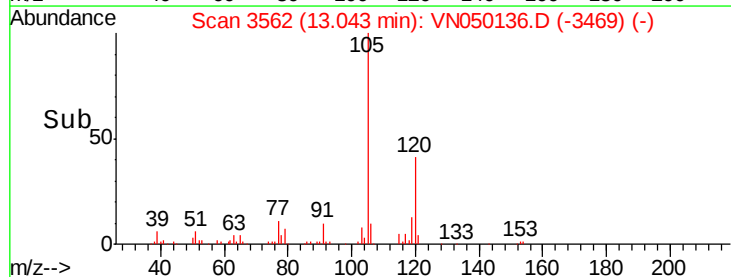
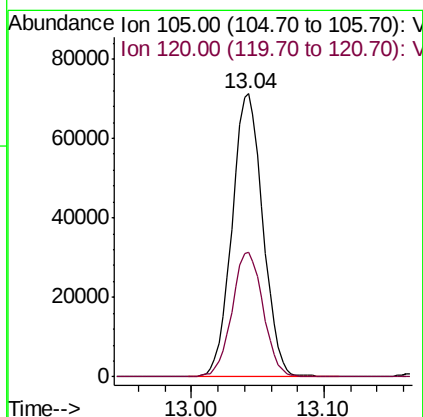
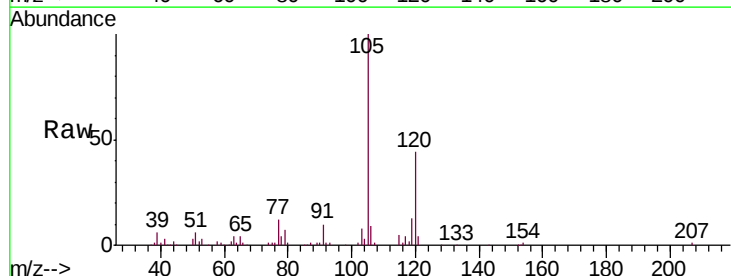
Instrument :
MSVOA_N
ClientSampled :
MW-2BDL

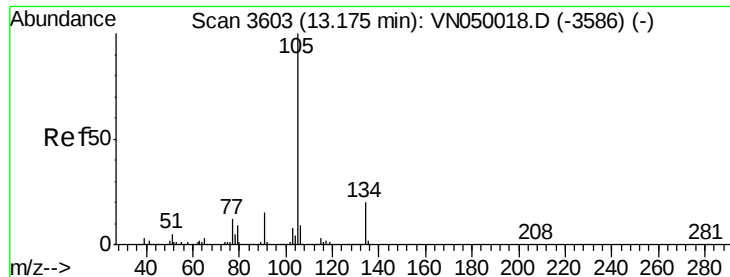
Tot Ion:119 Resp: 14371
Ion Ratio Lower Upper
119 100
91 100.4 32.1 96.3#
134 0.0 13.2 39.5#



#84
1,2,4-Trimethylbenzene
Concen: 4.14 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Tgt Ion:105 Resp: 115324
Ion Ratio Lower Upper
105 100
120 44.4 22.9 68.7





#85

sec-Butylbenzene

Concen: 3.58 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.13 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Instrument :

MSVOA_N

ClientSampleId :

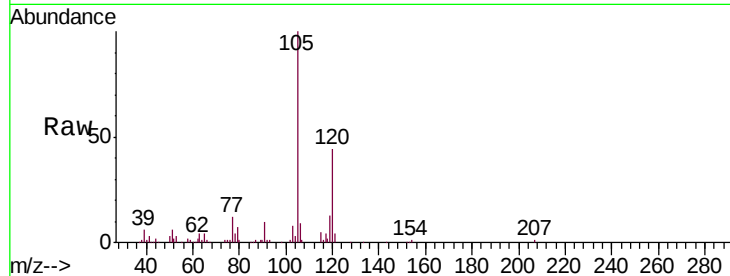
MW-2BDL

Tot Ion:105 Resp: 115324

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.04

80000

60000

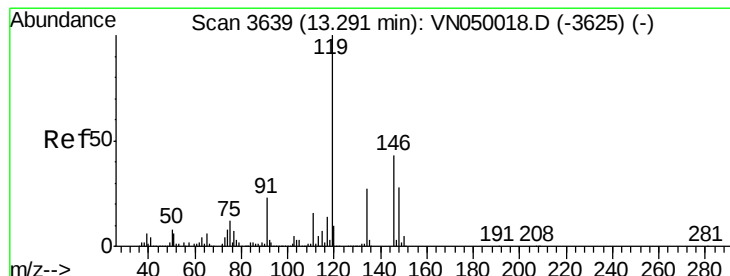
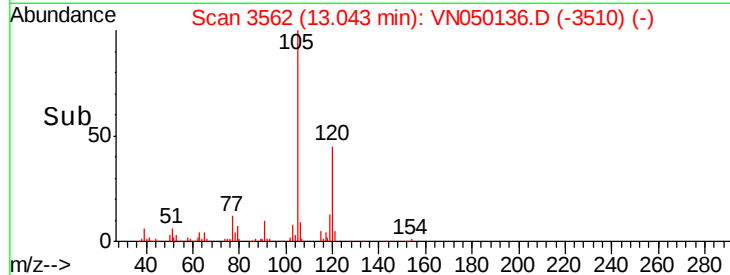
40000

20000

0

Time-->

13.00 13.10



#86

p-Isopropyltoluene

Concen: 0.76 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

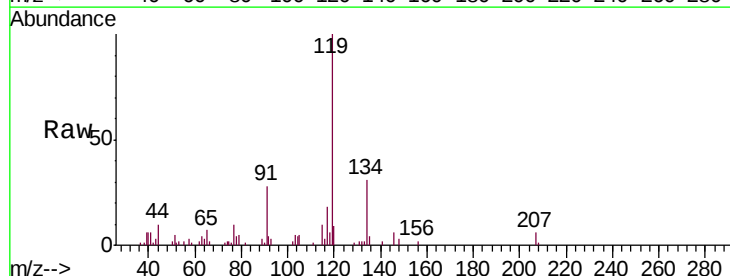
Tgt Ion:119 Resp: 20623

Ion Ratio Lower Upper

119 100

134 31.7 13.3 39.8

91 26.0 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

25000

20000

15000

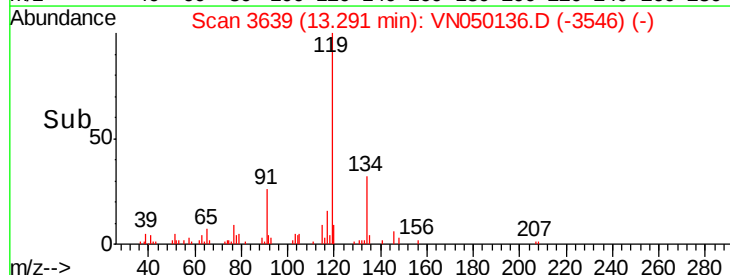
10000

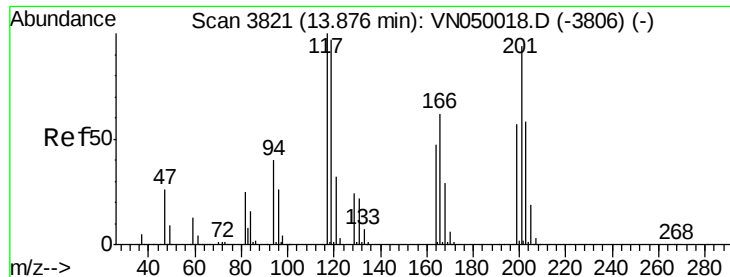
5000

0

Time-->

13.25 13.30 13.35





#90

Hexachloroethane

Concen: 0.39 ug/l

RT: 13.83 min Scan# 3806

Delta R.T. -0.05 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

Instrument :

MSVOA_N

ClientSampled :

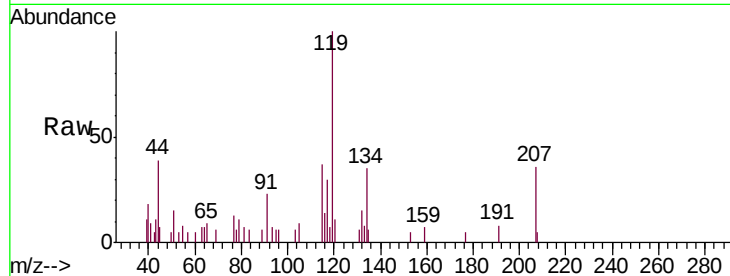
MW-2BDL

Tot Ion:117 Resp: 2323

Ion Ratio Lower Upper

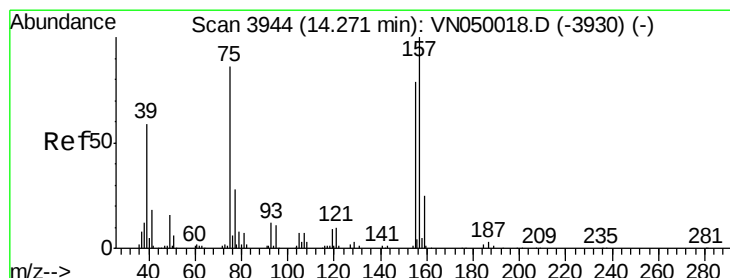
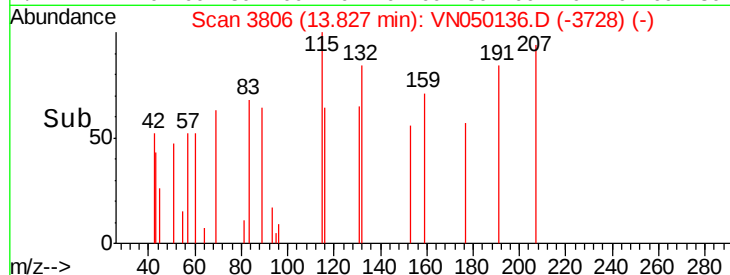
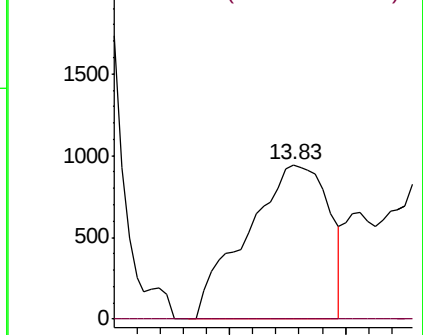
117 100

201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

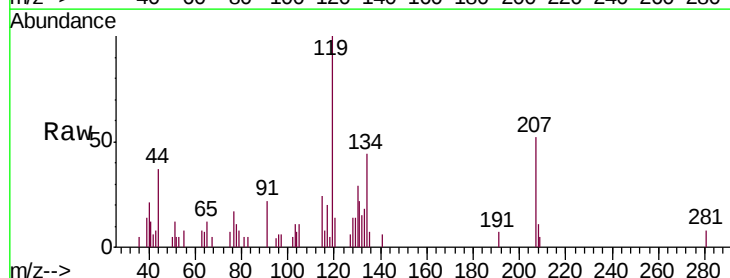
Tgt Ion: 75 Resp: 75

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

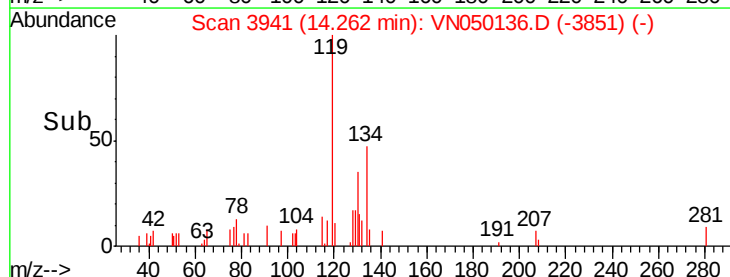
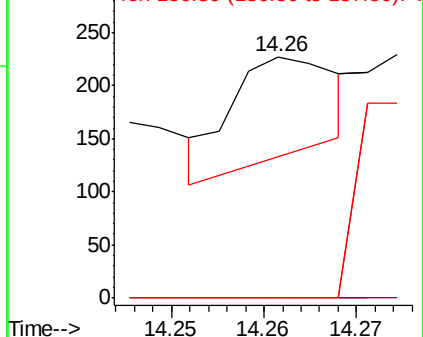
157 94.7 57.2 171.6

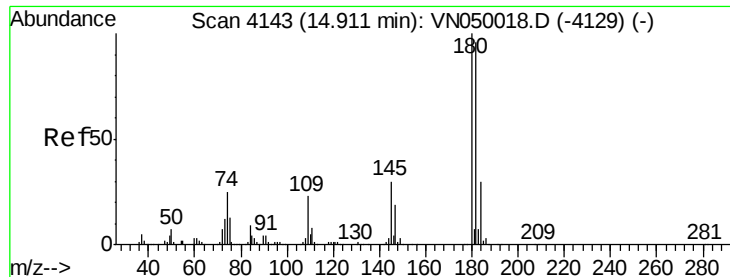


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

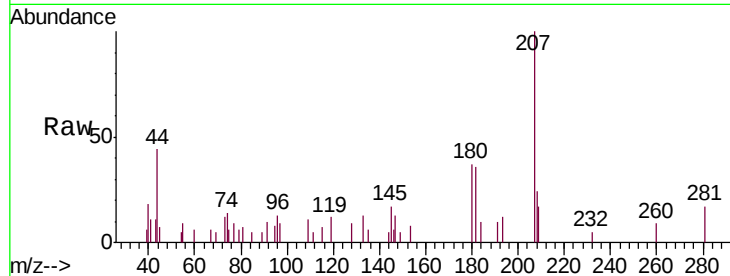




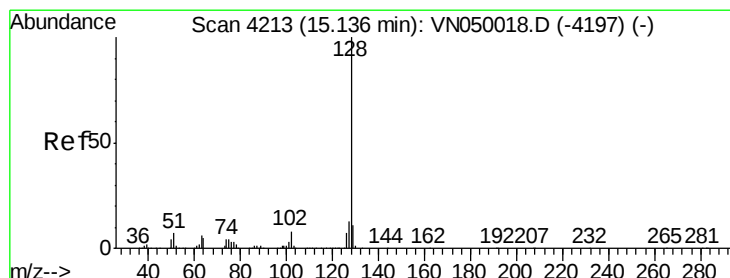
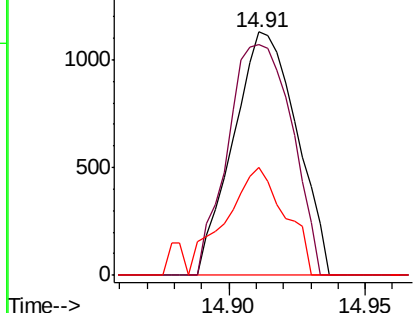
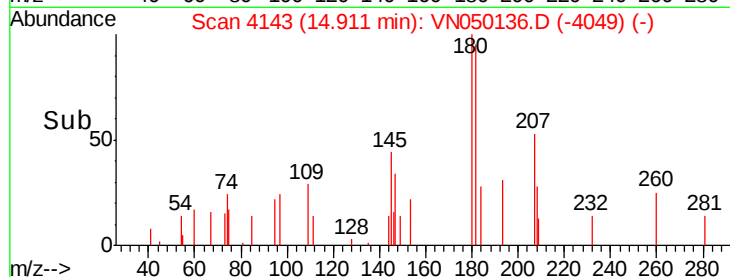
#93
 1,2,4-Trichlorobenzene
 Concen: 3.28 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050136.D
 Acq: 27 Jul 2018 17:53

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2BDL

Tot Ion:180 Resp: 1820
 Ion Ratio Lower Upper
 180 100
 182 96.6 46.7 140.1
 145 41.6 13.8 41.4#

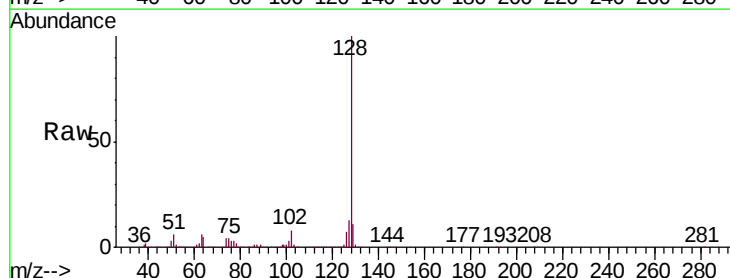


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

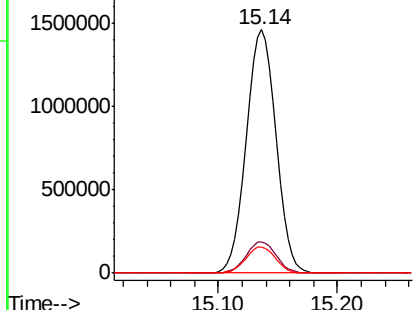
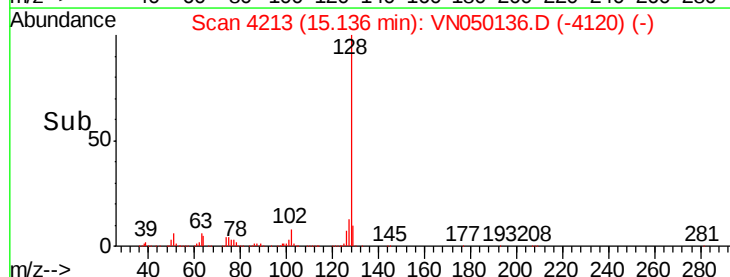


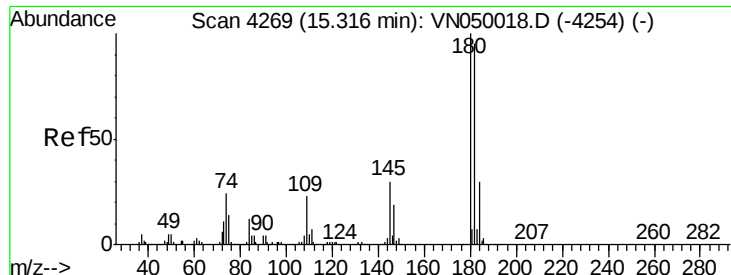
#95
 Naphthalene
 Concen: 115.45 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050136.D
 Acq: 27 Jul 2018 17:53

Tgt Ion:128 Resp: 2520900
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.4 15.6
 129 10.9 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

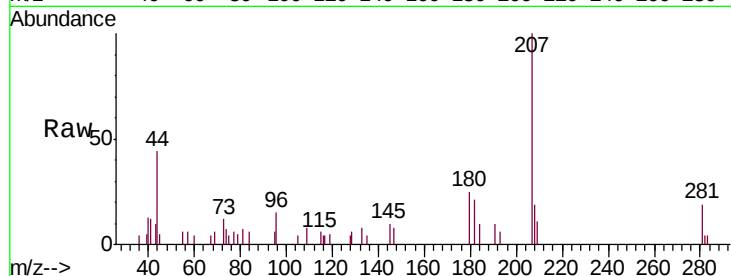




#96
 1,2,3-Trichlorobenzene
 Concen: 2.41 ug/l
 RT: 15.31 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: VN050136.D
 Acq: 27 Jul 2018 17:53

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2BDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	82.6	48.1	144.4
145	44.8	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

