

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 30 09:37:22 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

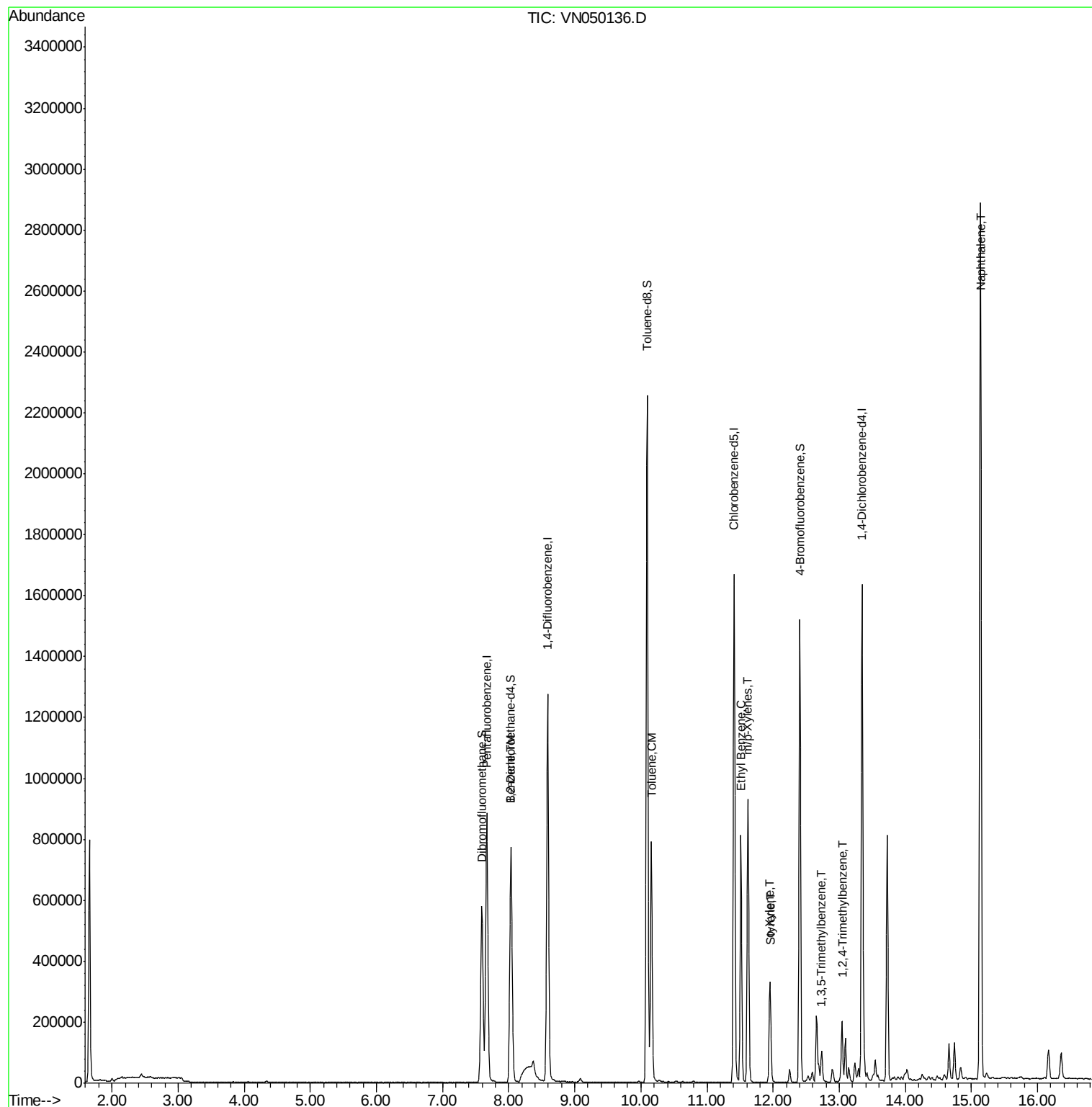
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	756673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1175276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1011562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	453237	50.00	ug/l	0.00
System Monitoring 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						
40) Benzene	8.04	78	276852	6.871	ug/l	99
52) Toluene	10.16	92	346069	14.550	ug/l	99
67) Ethyl Benzene	11.51	91	586215	14.282	ug/l	99
68) m/p-Xylenes	11.62	106	290818	18.732	ug/l	100
69) o-Xylene	11.95	106	86196	5.824	ug/l	96
70) Styrene	11.97	104	45556	2.622	ug/l #	82
80) 1,3,5-Trimethylbenzene	12.73	105	51871	1.876	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	115324	4.138	ug/l	98
95) Naphthalene	15.14	128	2520900	115.450	ug/l	100

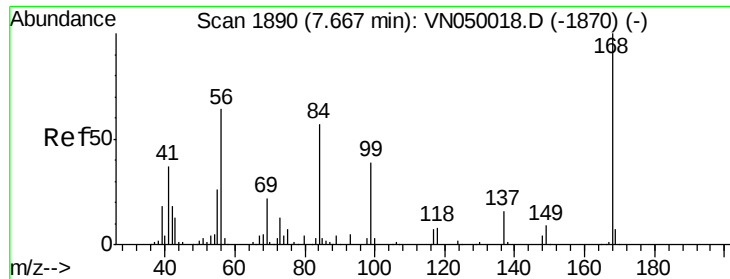
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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 30 09:37:22 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: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

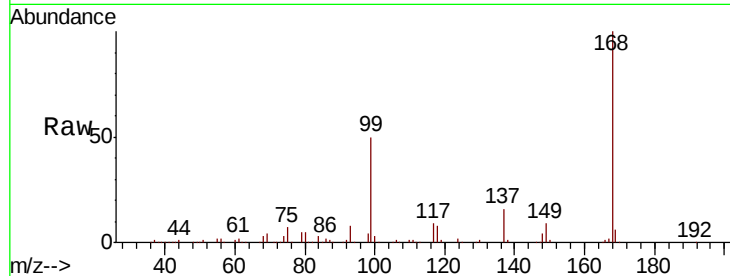
Instrument :
MSVOA_N
ClientSampled :
MW-2BDL

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): VN

7.67

300000

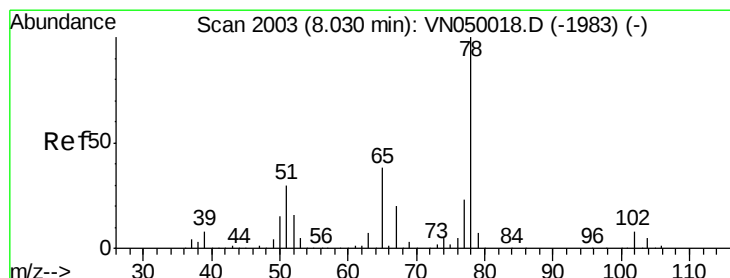
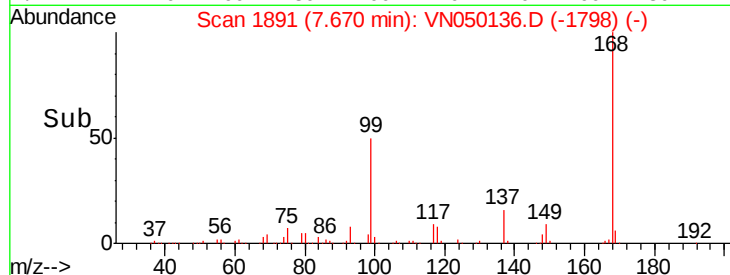
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.240 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050136.D

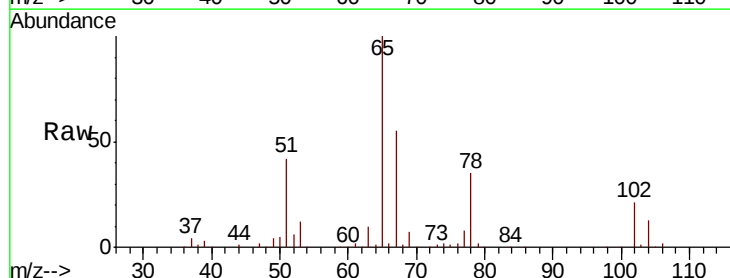
Acq: 27 Jul 2018 17:53

Tgt Ion: 65 Resp: 498729

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

250000

200000

150000

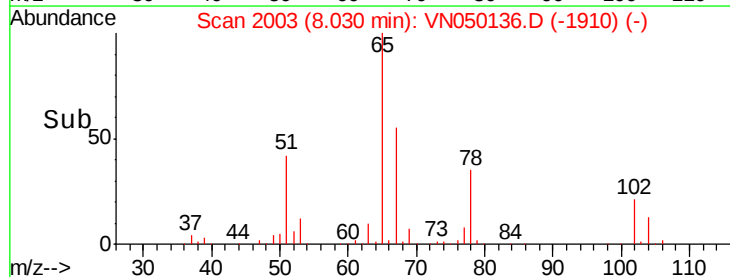
100000

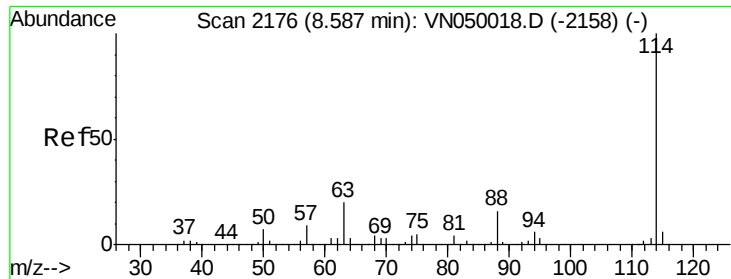
50000

0

7.90 8.00 8.10

Time-->

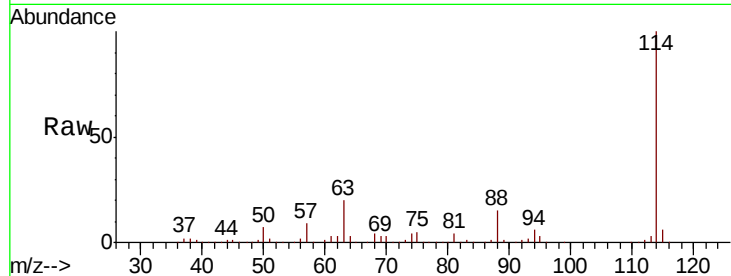




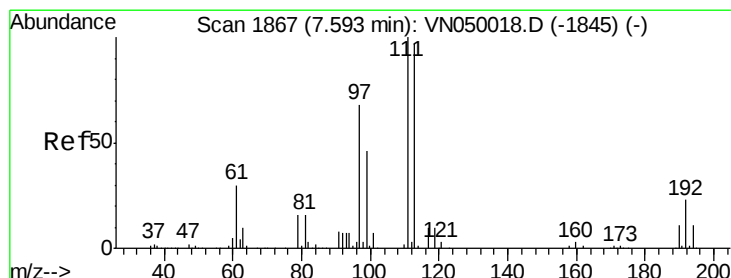
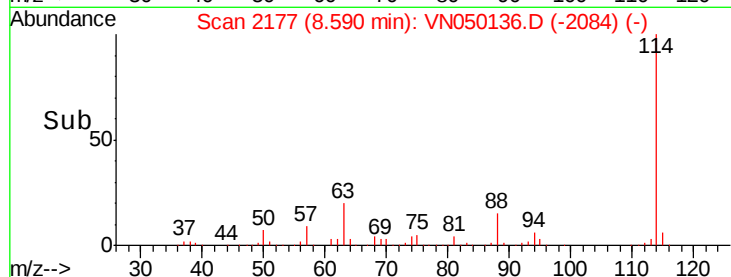
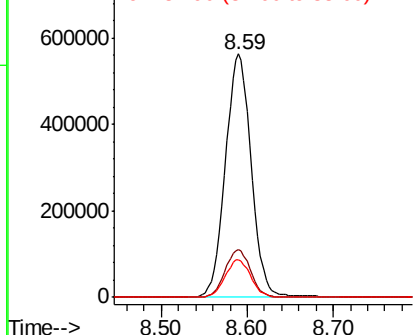
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050136.D
 Acq: 27 Jul 2018 17:53

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2BDL

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

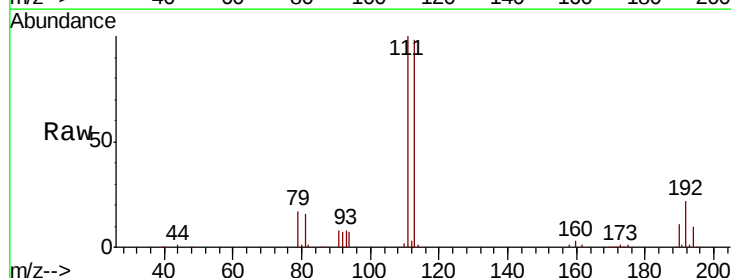


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

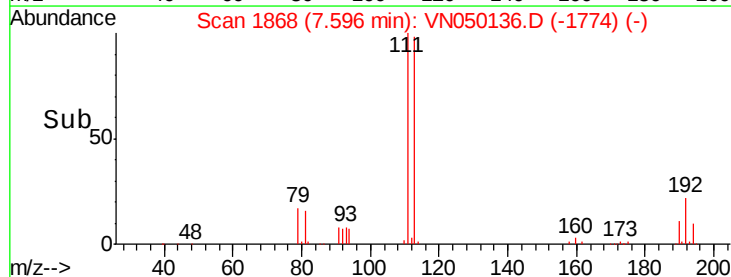
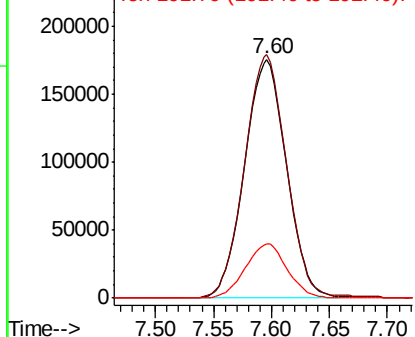


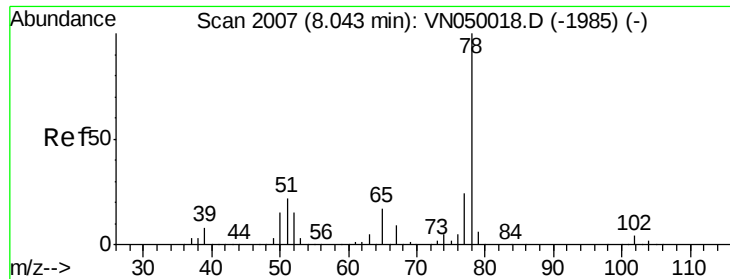
#35
 Dibromofluoromethane
 Concen: 46.120 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050136.D
 Acq: 27 Jul 2018 17:53

Tgt Ion:113 Resp: 442556
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.7 121.1
 192 22.6 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





#40

Benzene

Concen: 6.871 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

ClientSampleId :

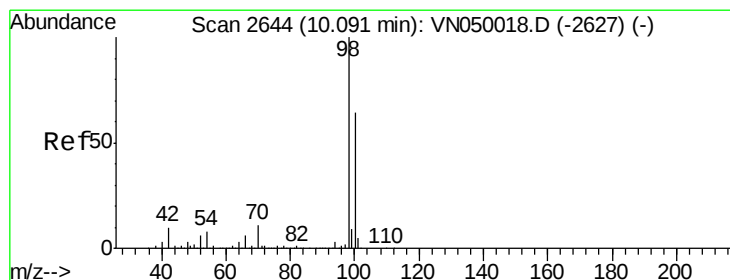
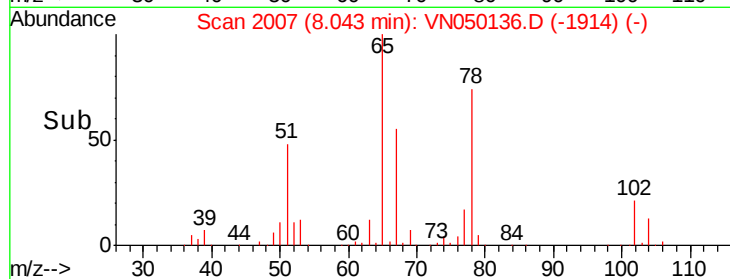
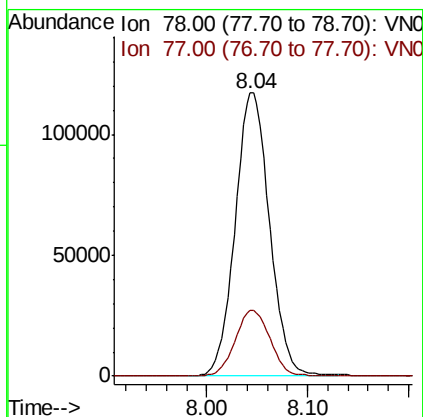
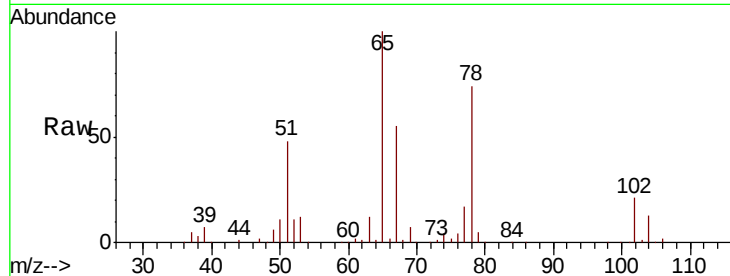
MW-2BDL

Tot Ion: 78 Resp: 276852

Ion Ratio Lower Upper

78 100

77 23.1 18.7 28.1



#50

Toluene-d8

Concen: 45.769 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050136.D

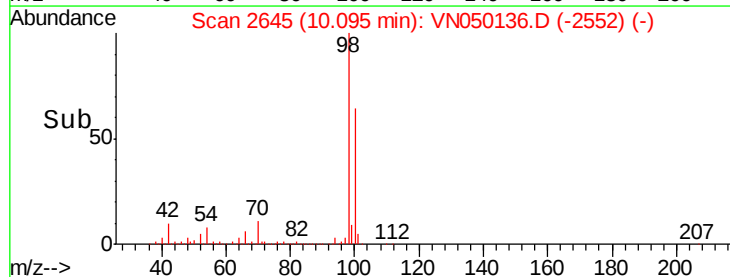
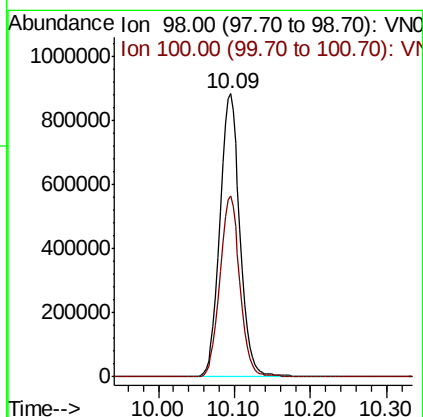
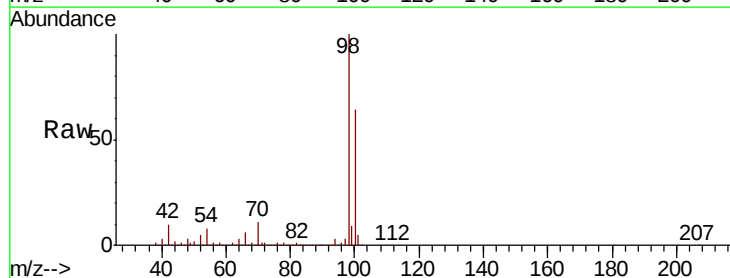
Acq: 27 Jul 2018 17:53

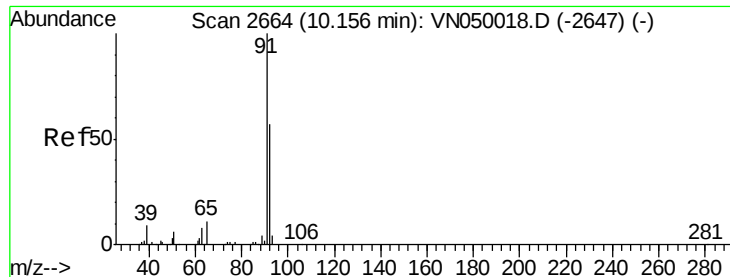
Tgt Ion: 98 Resp: 1614659

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1





#52

Toluene

Concen: 14.550 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

ClientSampleId :

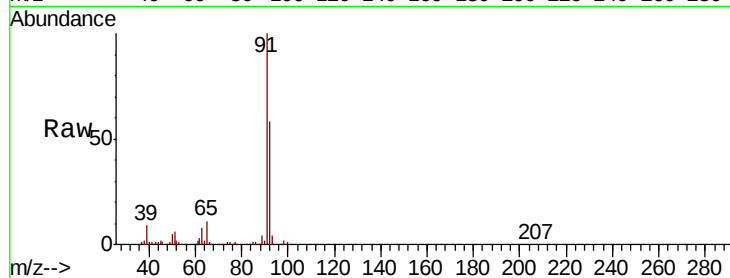
MW-2BDL

Tot Ion: 92 Resp: 346069

Ion Ratio Lower Upper

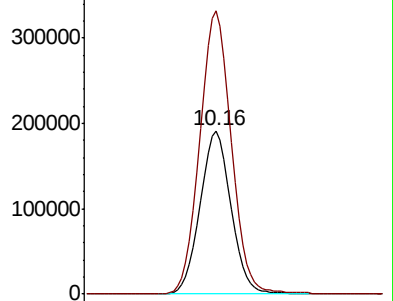
92 100

91 176.4 140.3 210.5

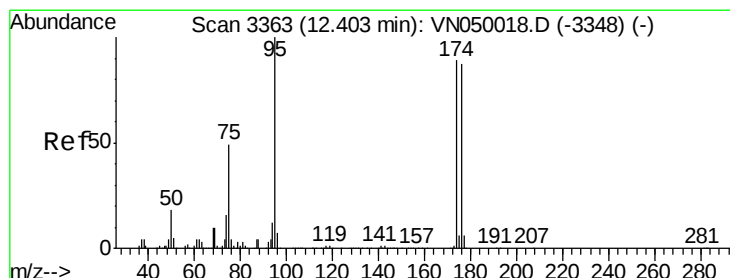
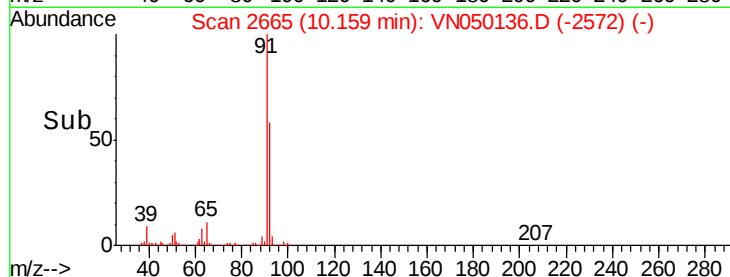


Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->



#62

4-Bromofluorobenzene

Concen: 43.805 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050136.D

Acq: 27 Jul 2018 17:53

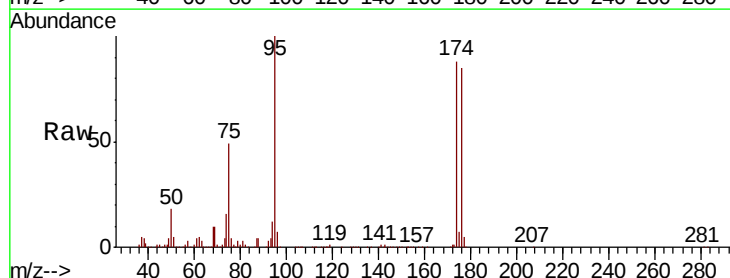
Tgt Ion: 95 Resp: 508845

Ion Ratio Lower Upper

95 100

174 89.4 0.0 178.2

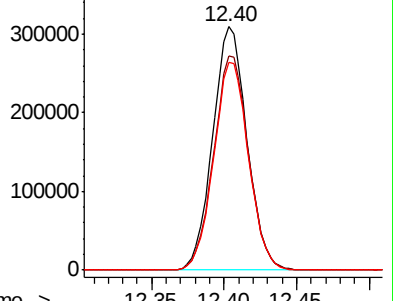
176 86.9 0.0 173.4



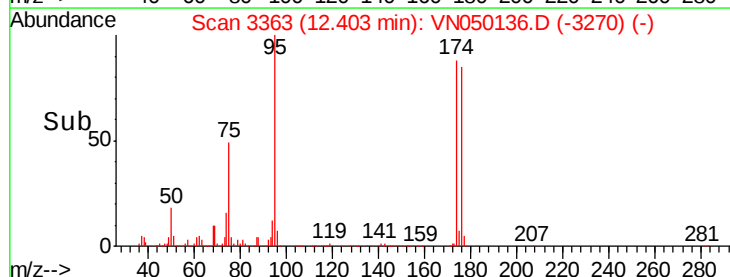
Abundance Ion 94.90 (94.60 to 95.60): VN0

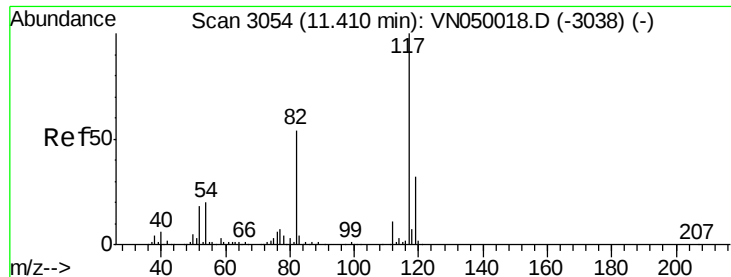
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

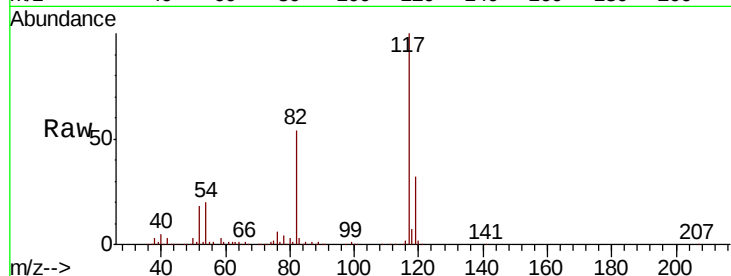




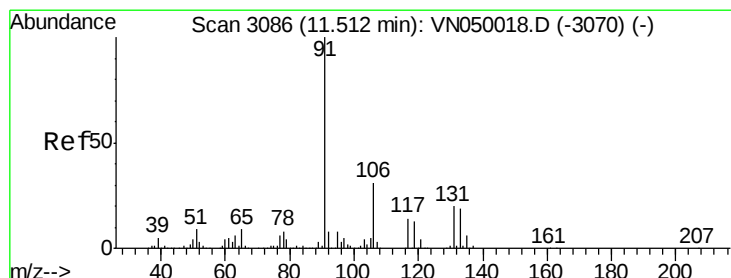
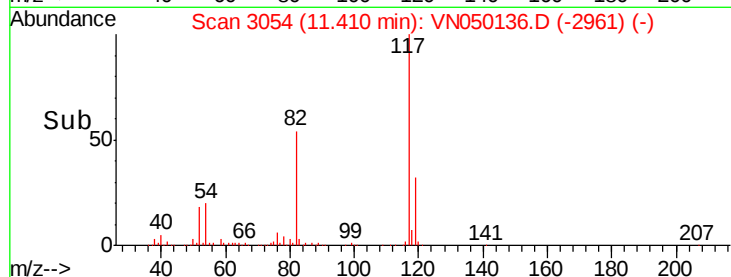
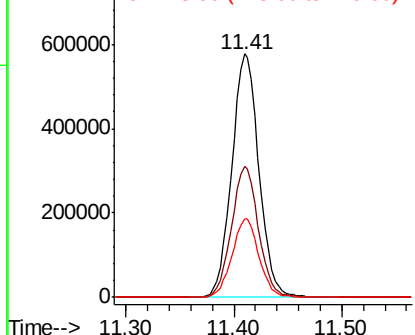
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Instrument :
MSVOA_N
ClientSampleId :
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

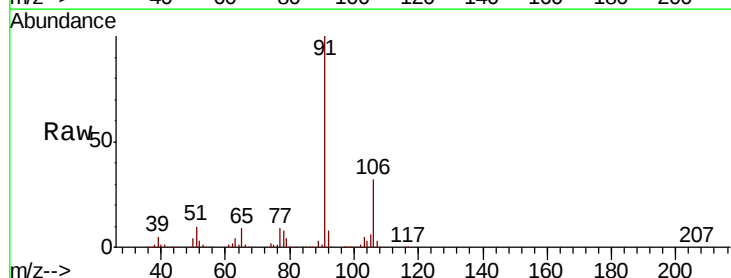


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

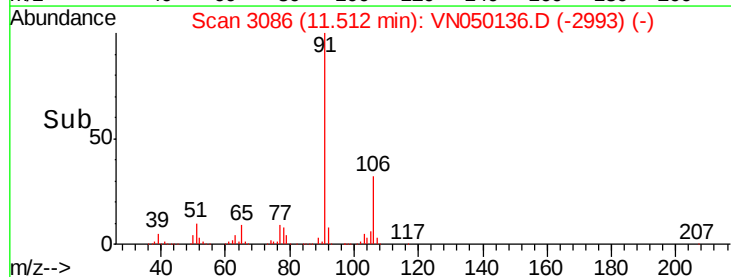
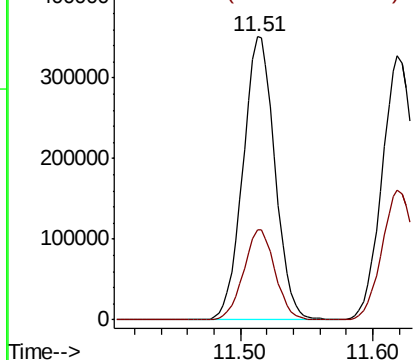


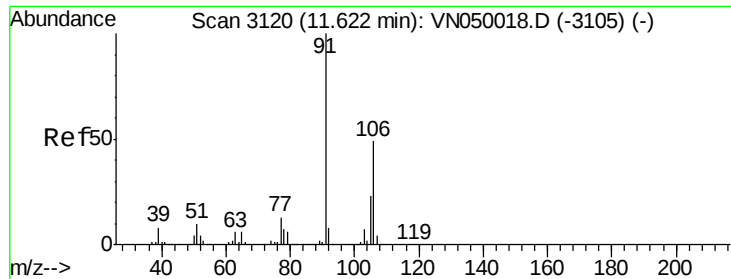
#67
Ethyl Benzene
Concen: 14.282 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

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

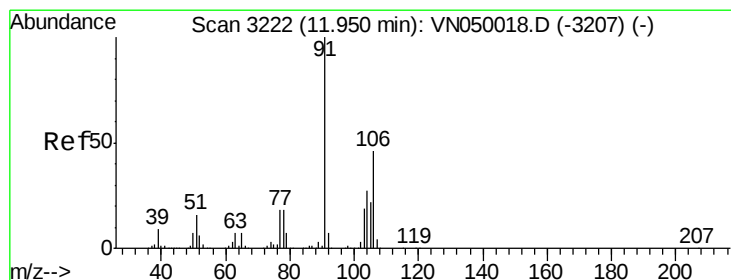
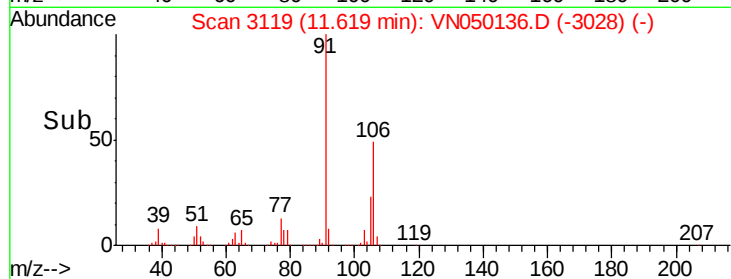
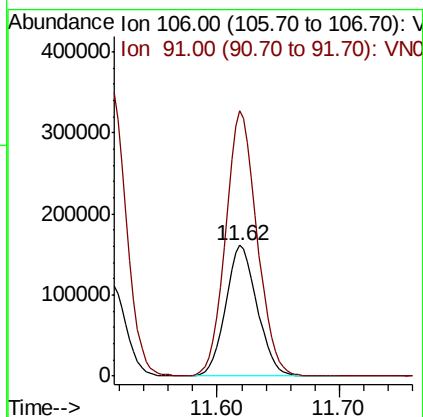
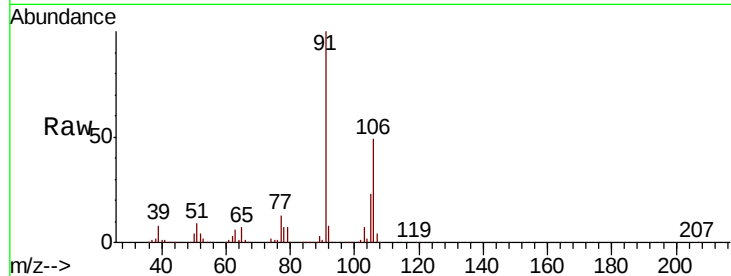




#68
m/p-Xylenes
Concen: 18.732 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

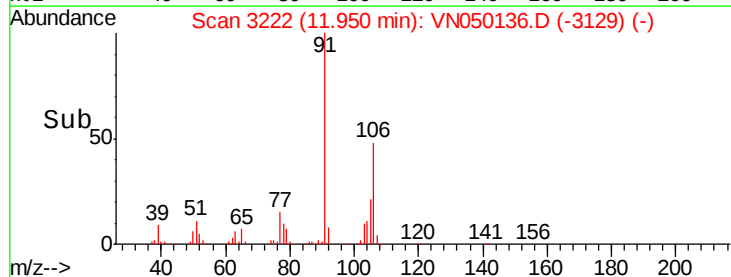
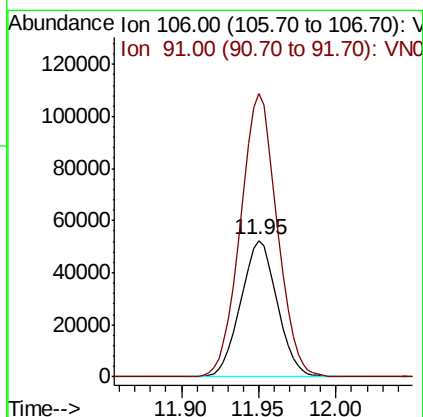
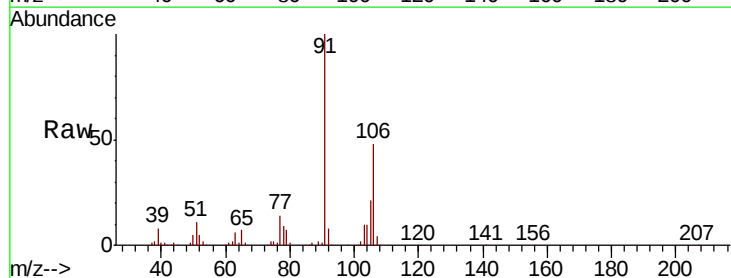
Instrument :
MSVOA_N
ClientSampleId :
MW-2BDL

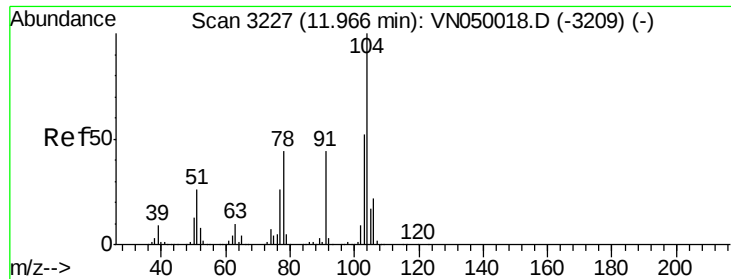
Tot Ion:106 Resp: 290818
Ion Ratio Lower Upper
106 100
91 202.2 162.2 243.2



#69
o-Xylene
Concen: 5.824 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

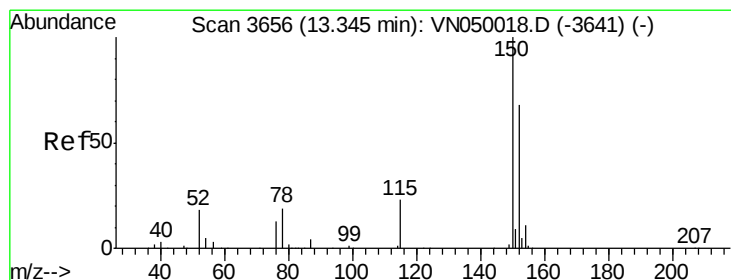
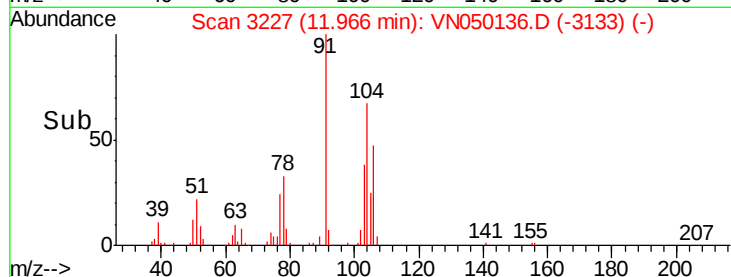
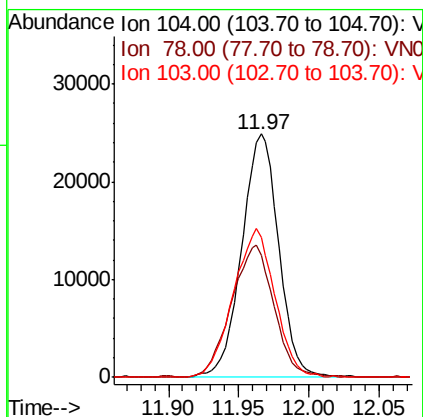
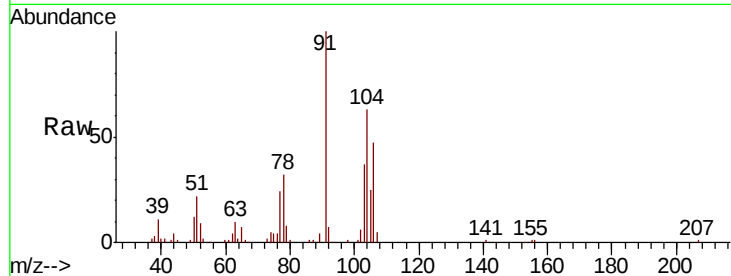




#70
Stvrene
Concen: 2.622 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

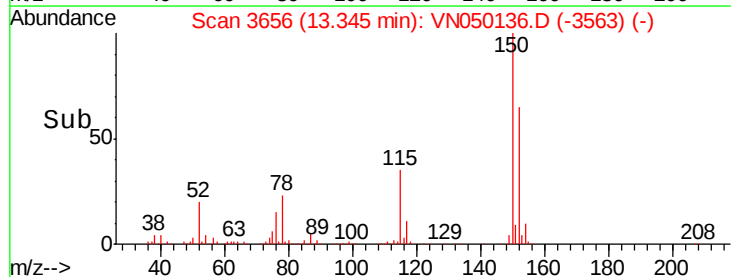
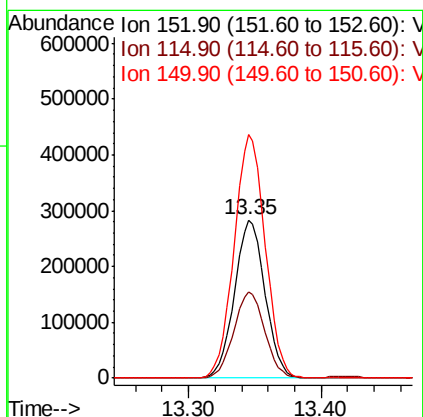
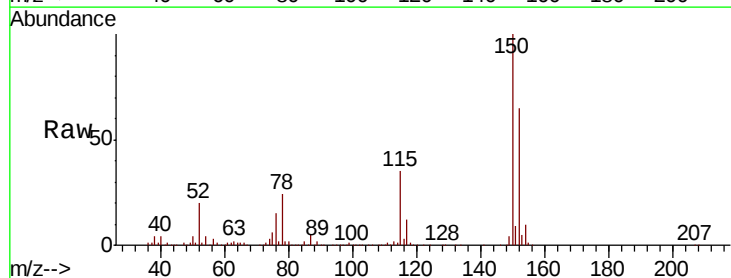
Instrument :
MSVOA_N
ClientSampleId :
MW-2BDL

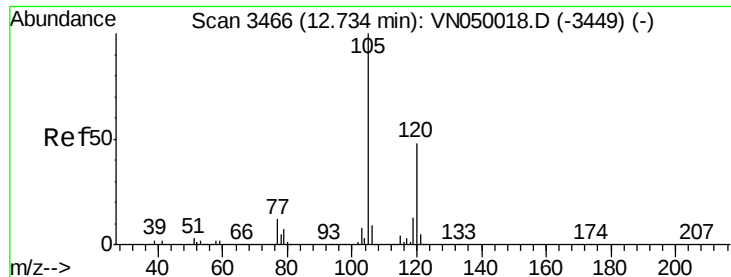
Tot Ion:104 Resp: 45556
Ion Ratio Lower Upper
104 100
78 62.5 39.3 58.9#
103 68.9 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Tgt Ion:152 Resp: 453237
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.3
150 156.0 0.0 348.6





#80

1,3,5-Trimethylbenzene

Concen: 1.876 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 :

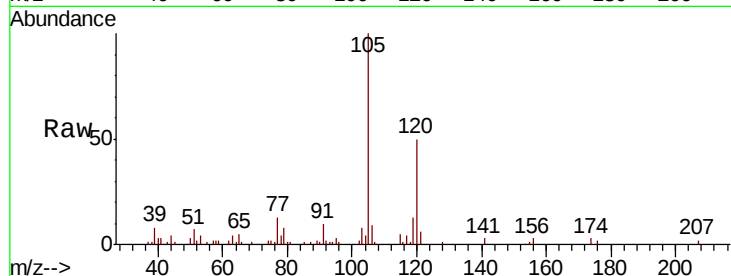
MW-2BDL

Tot Ion:105 Resp: 51871

Ion Ratio Lower Upper

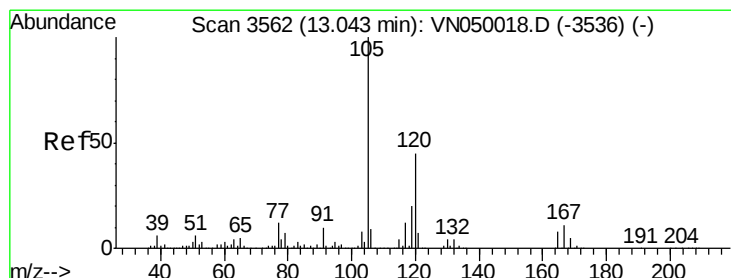
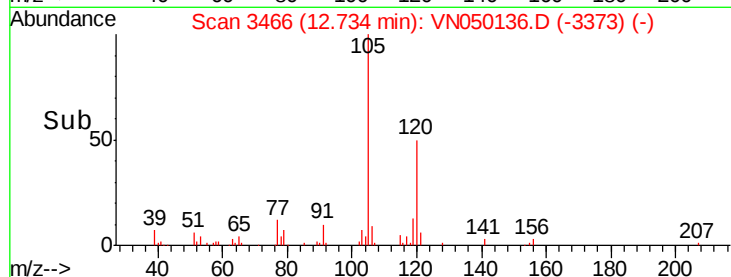
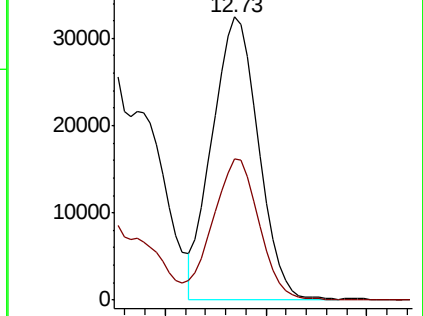
105 100

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



#84

1,2,4-Trimethylbenzene

Concen: 4.138 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050136.D

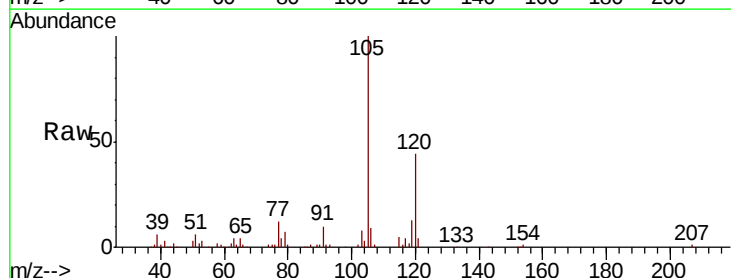
Acq: 27 Jul 2018 17:53

Tgt Ion:105 Resp: 115324

Ion Ratio Lower Upper

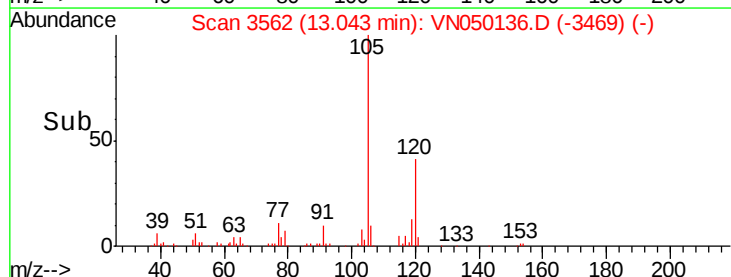
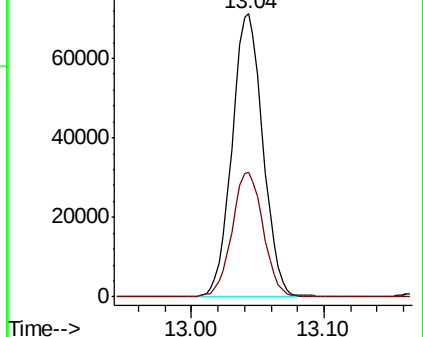
105 100

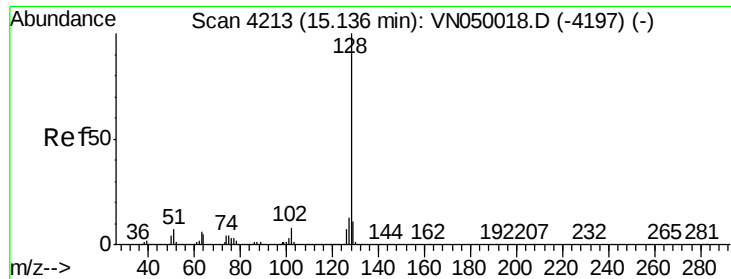
120 44.4 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 115.450 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050136.D
Acq: 27 Jul 2018 17:53

Instrument :
MSVOA_N
ClientSampleId :
MW-2BDL

Tot Ion:128 Resp: 2520900
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.8 13.2

