

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050186.D
 Acq On : 30 Jul 2018 14:44
 Operator : MD\SY
 Sample : J4184-01DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3BDL

Quant Time: Jul 31 15:06:35 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	647599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1069290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	875849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	355456	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	449630	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	7.59	113	406669	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
50) Toluene-d8	10.09	98	1446652	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	
62) 4-Bromofluorobenzene	12.40	95	419500	39.69	ug/l	0.00
Spiked Amount			Recovery	=	79.38%	

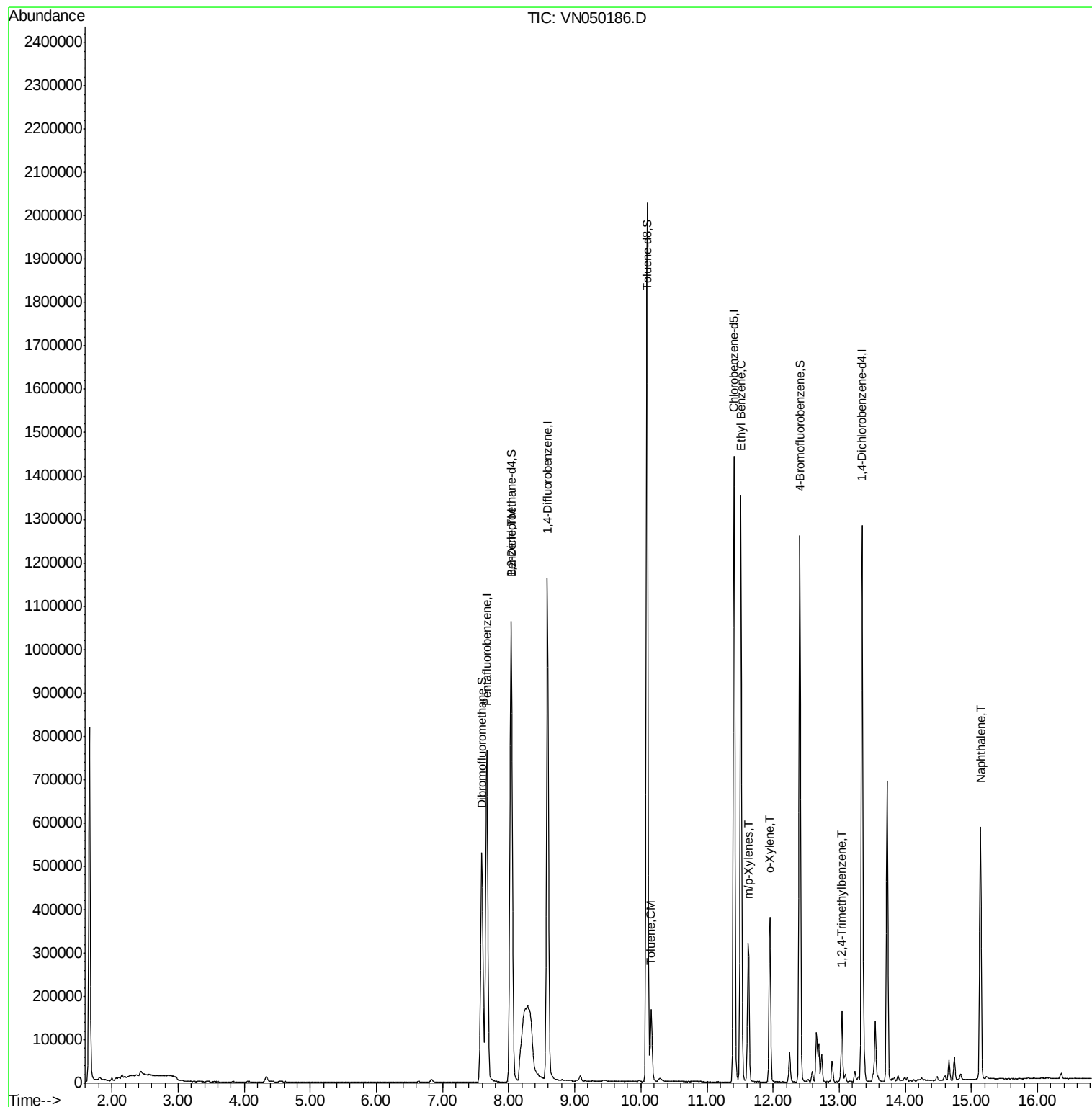
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	8.04	78	726215	19.81	ug/l	99
52) Toluene	10.16	92	67893	3.14	ug/l	98
67) Ethyl Benzene	11.51	91	968256	27.24	ug/l	100
68) m/p-Xylenes	11.63	106	102523	7.63	ug/l	99
69) o-Xylene	11.95	106	105010	8.19	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	90074	4.12	ug/l	98
95) Naphthalene	15.14	128	514071	33.29	ug/l	100

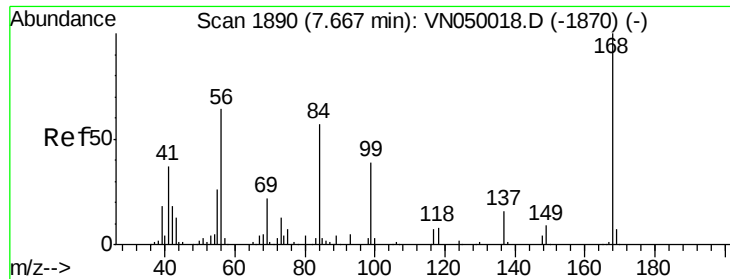
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050186.D

Acq: 30 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampleId :

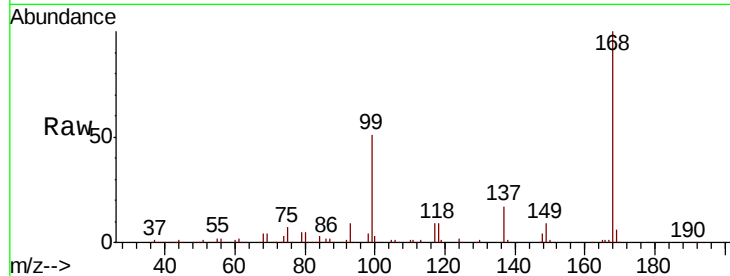
MW-3BDL

Tot Ion:168 Resp: 647599

Ion Ratio Lower Upper

168 100

99 50.9 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

250000

200000

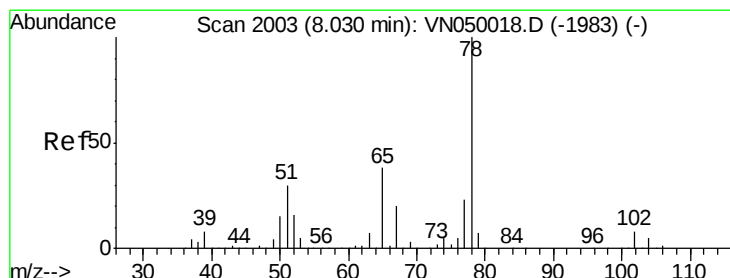
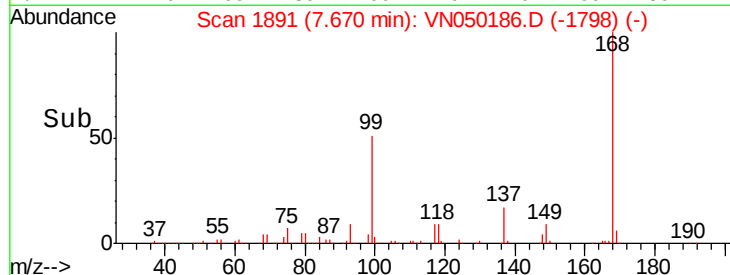
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.76 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050186.D

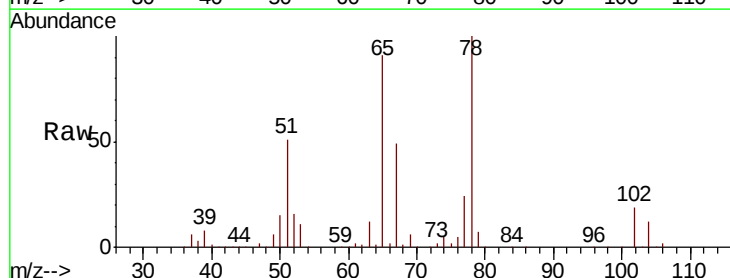
Acq: 30 Jul 2018 14:44

Tgt Ion: 65 Resp: 449630

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

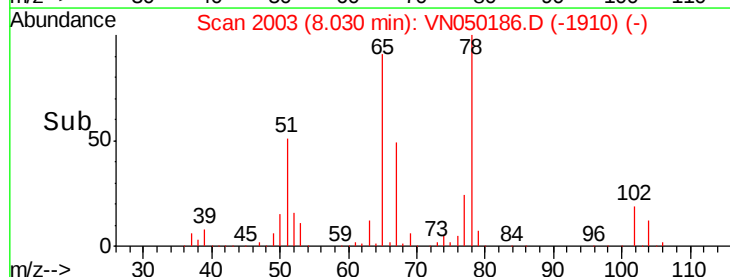
150000

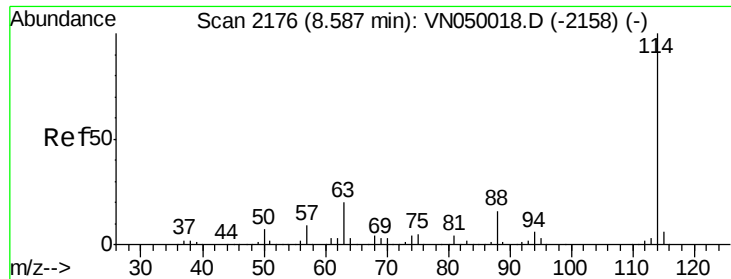
100000

50000

0

Time-->

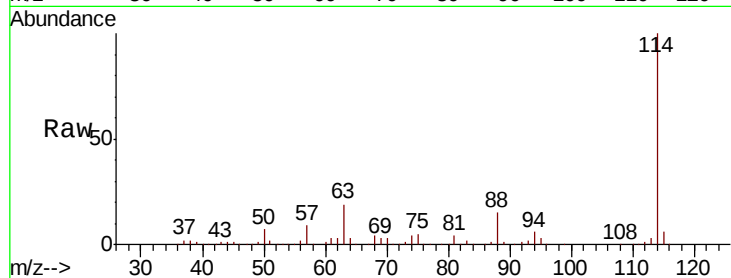




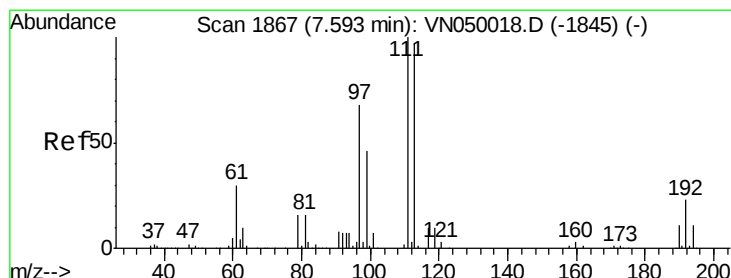
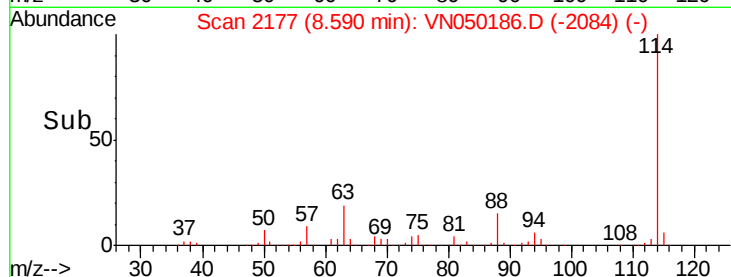
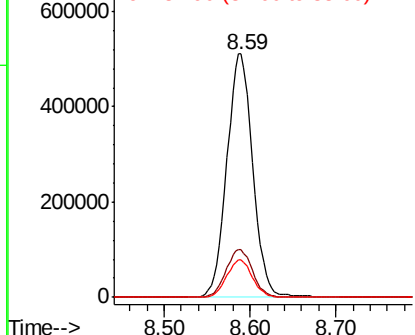
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050186.D
 Acq: 30 Jul 2018 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3BDL

Tot Ion:114 Resp: 1069290
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.3 0.0 31.2

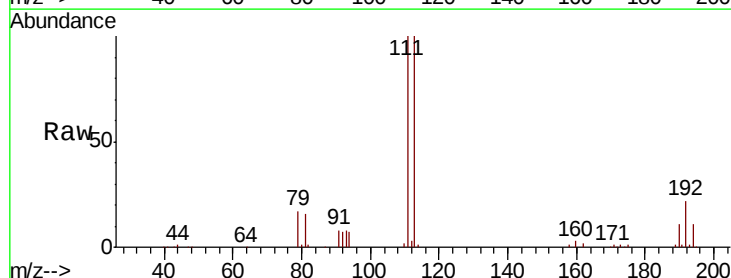


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

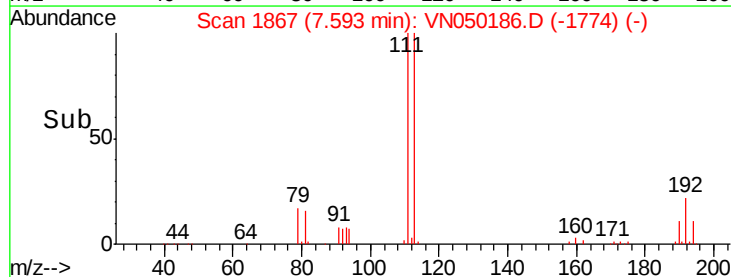
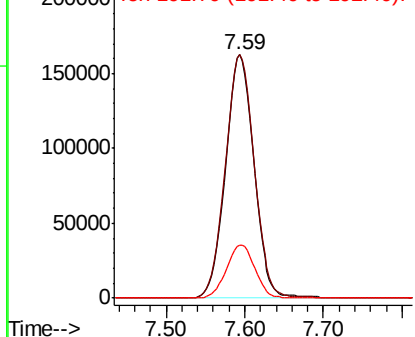


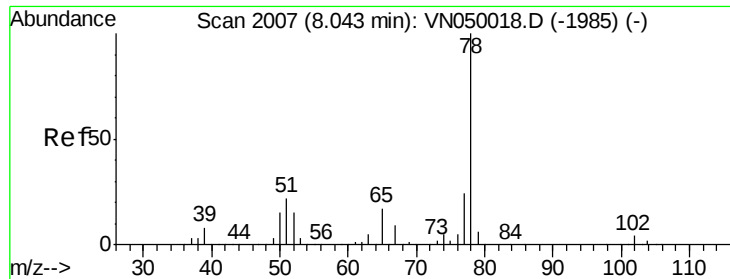
#35
 Dibromofluoromethane
 Concen: 46.58 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050186.D
 Acq: 30 Jul 2018 14:44

Tgt Ion:113 Resp: 406669
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 21.9 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: 19.81 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050186.D

Acq: 30 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampleId :

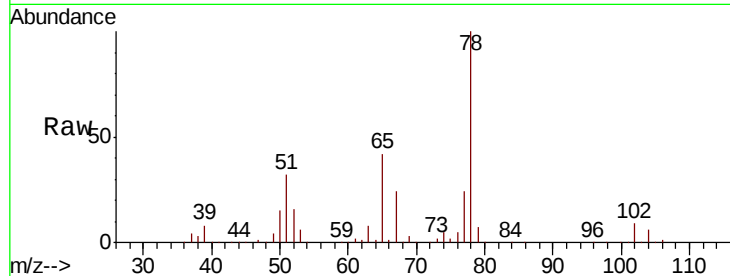
MW-3BDL

Tot Ion: 78 Resp: 726215

Ion Ratio Lower Upper

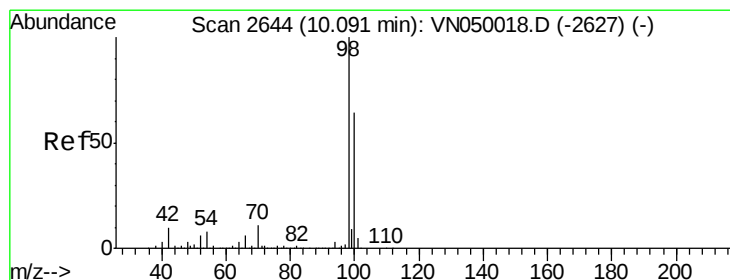
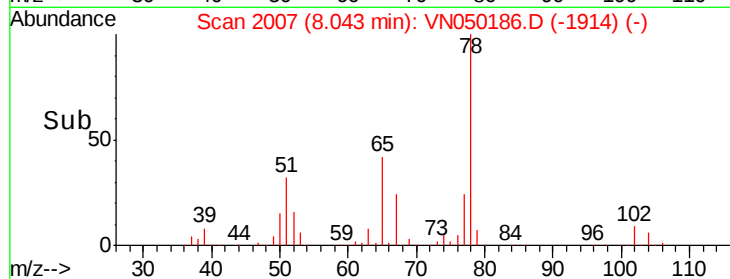
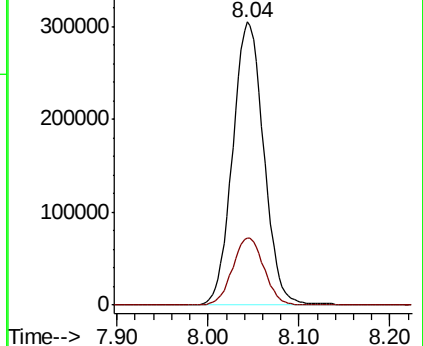
78 100

77 23.9 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 45.07 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050186.D

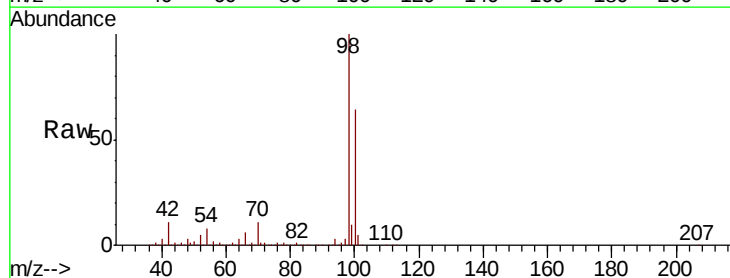
Acq: 30 Jul 2018 14:44

Tgt Ion: 98 Resp: 1446652

Ion Ratio Lower Upper

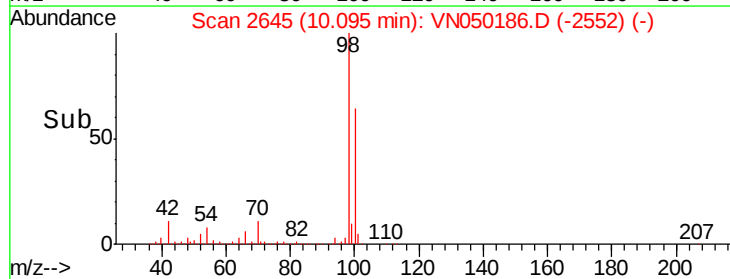
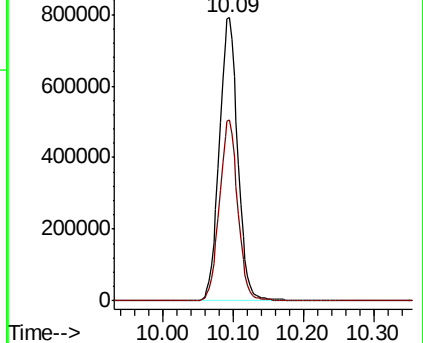
98 100

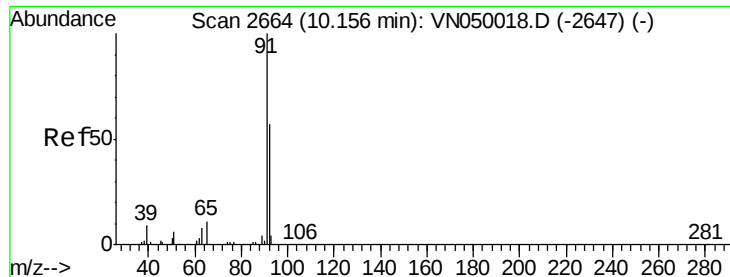
100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 3.14 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050186.D

Acq: 30 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampleId :

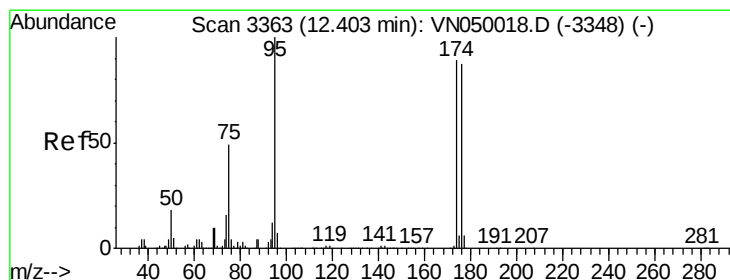
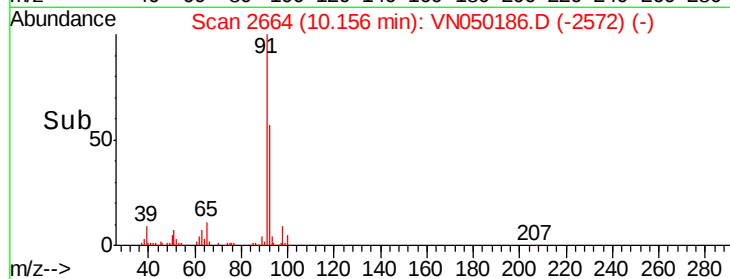
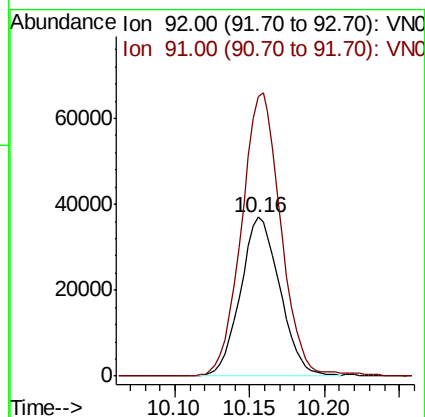
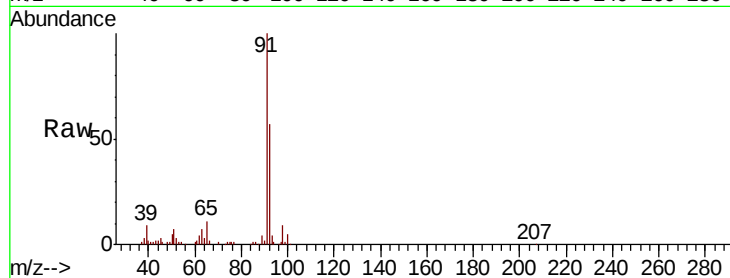
MW-3BDL

Tot Ion: 92 Resp: 67893

Ion Ratio Lower Upper

92 100

91 178.4 140.3 210.5



#62

4-Bromofluorobenzene

Concen: 39.69 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050186.D

Acq: 30 Jul 2018 14:44

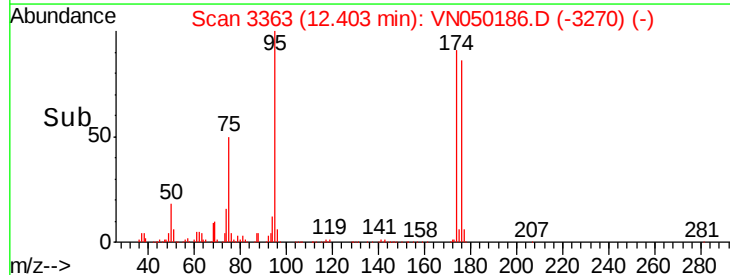
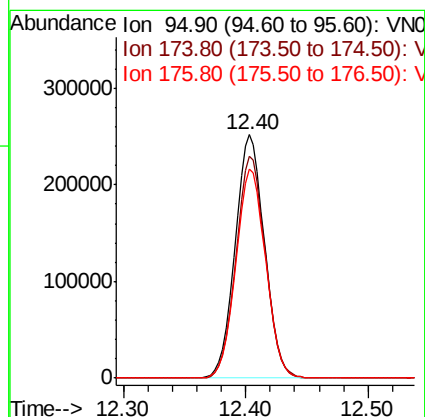
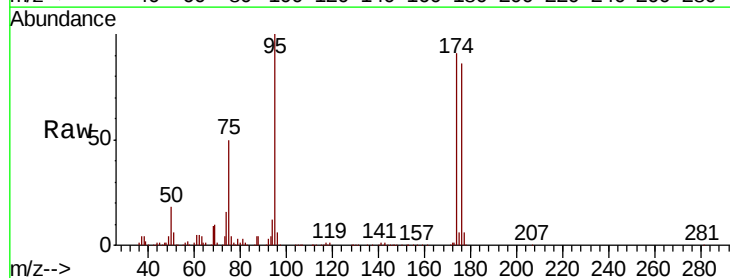
Tgt Ion: 95 Resp: 419500

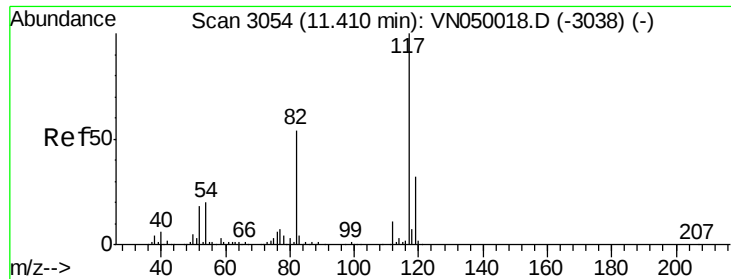
Ion Ratio Lower Upper

95 100

174 91.6 0.0 178.2

176 87.0 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: VN050186.D

Acq: 30 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampleId :

MW-3BDL

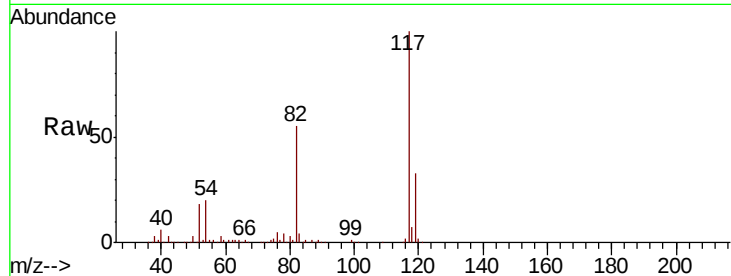
Tot Ion:117 Resp: 875849

Ion Ratio Lower Upper

117 100

82 54.6 43.7 65.5

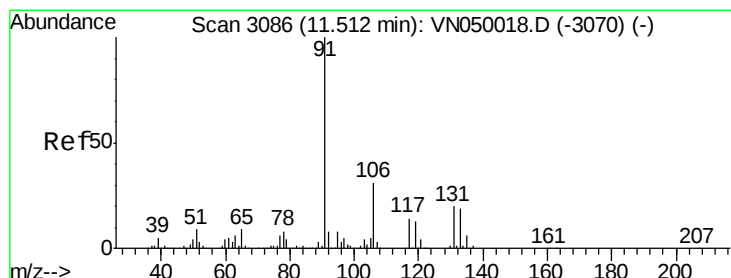
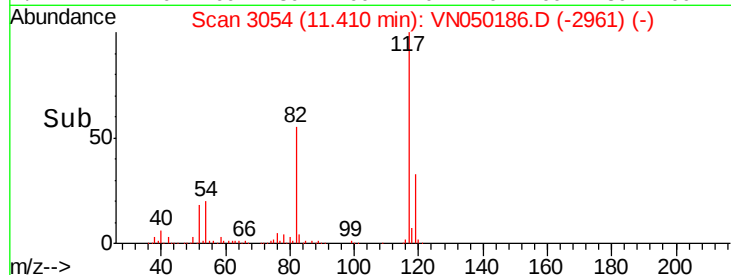
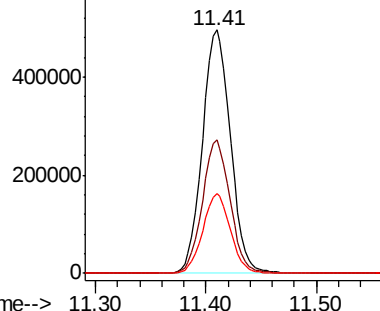
119 32.7 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 27.24 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050186.D

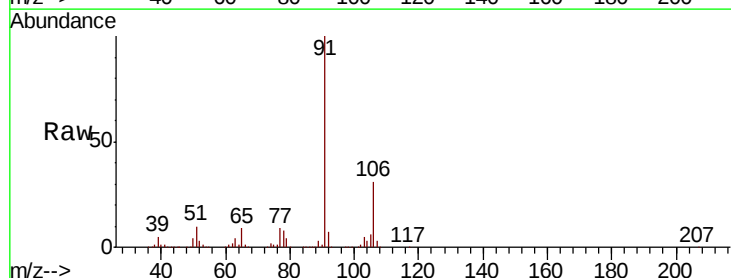
Acq: 30 Jul 2018 14:44

Tgt Ion: 91 Resp: 968256

Ion Ratio Lower Upper

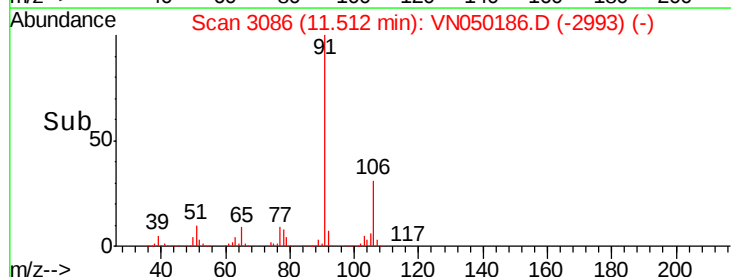
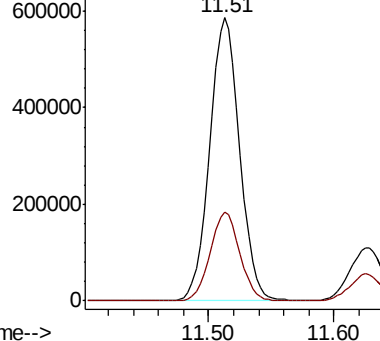
91 100

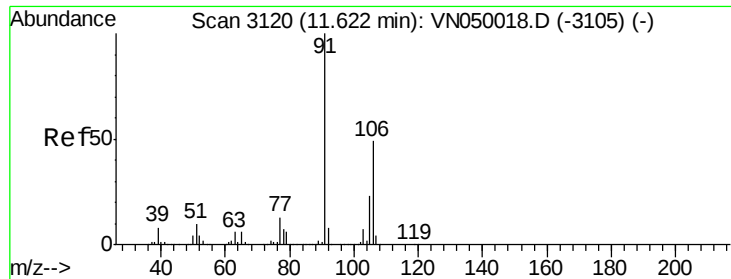
106 31.4 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

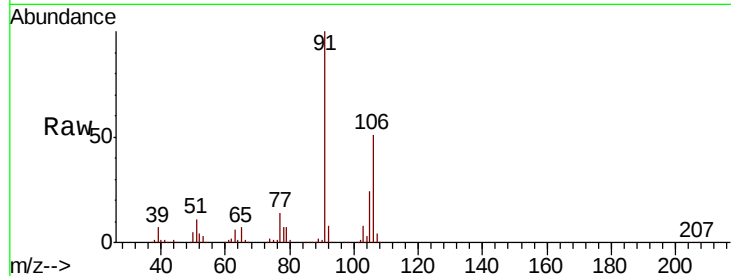




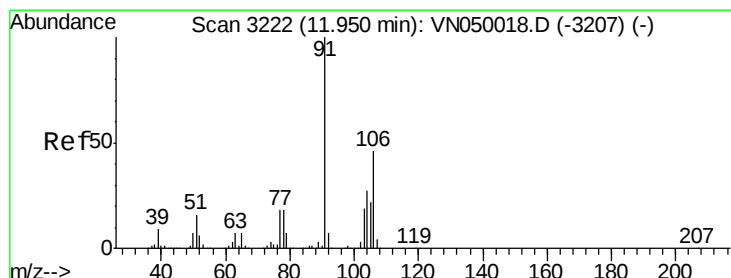
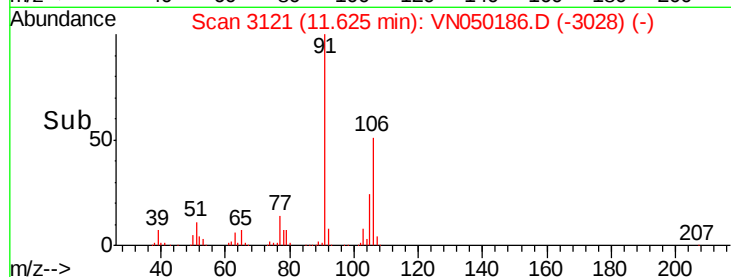
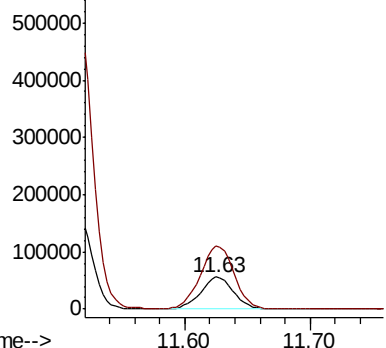
#68
m/p-Xylenes
Concen: 7.63 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Instrument :
MSVOA_N
ClientSampled :
MW-3BDL

Tot Ion:106 Resp: 102523
Ion Ratio Lower Upper
106 100
91 201.3 162.2 243.2

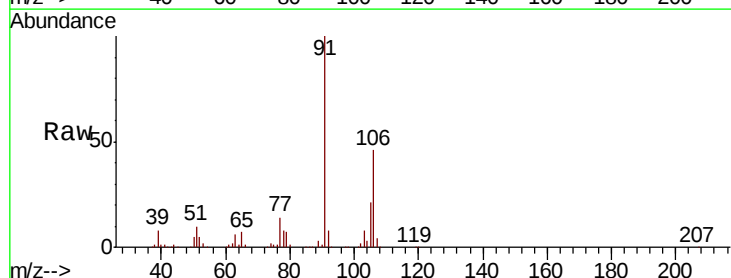


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

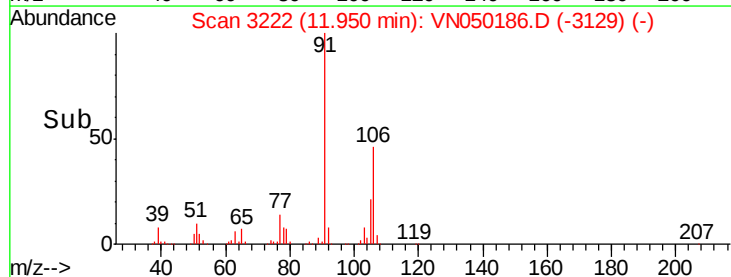
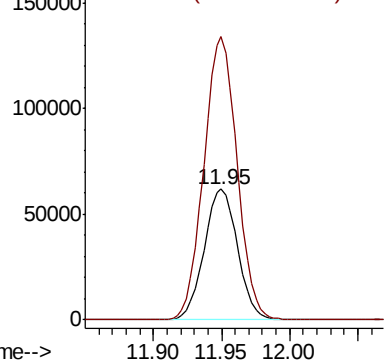


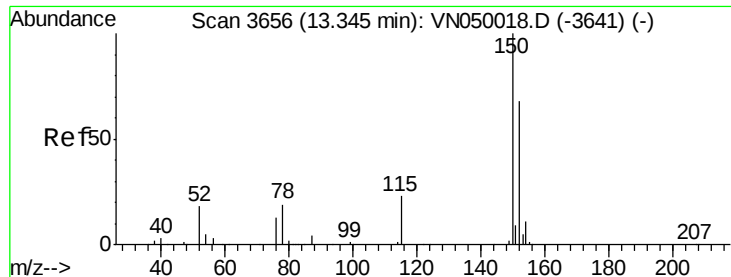
#69
o-Xylene
Concen: 8.19 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Tgt Ion:106 Resp: 105010
Ion Ratio Lower Upper
106 100
91 215.9 107.7 323.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050186.D

Acq: 30 Jul 2018 14:44

Instrument :

MSVOA_N

ClientSampled :

MW-3BDL

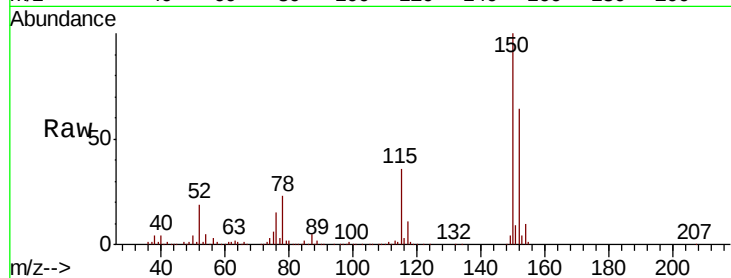
Tot Ion:152 Resp: 355456

Ion Ratio Lower Upper

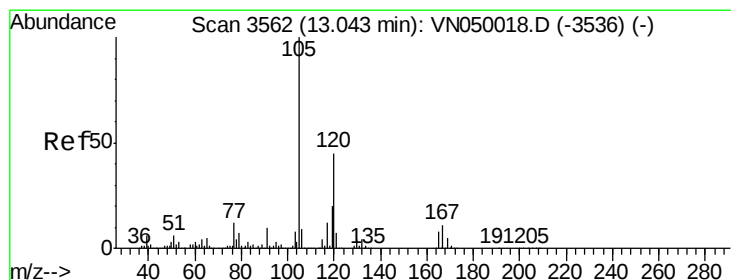
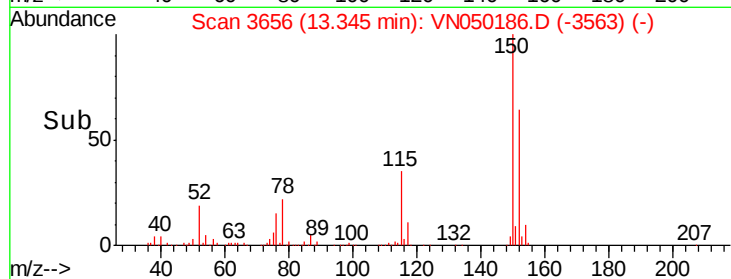
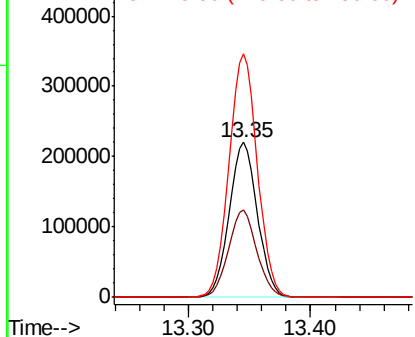
152 100

115 56.6 27.8 83.3

150 157.6 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



#84

1,2,4-Trimethylbenzene

Concen: 4.12 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN050186.D

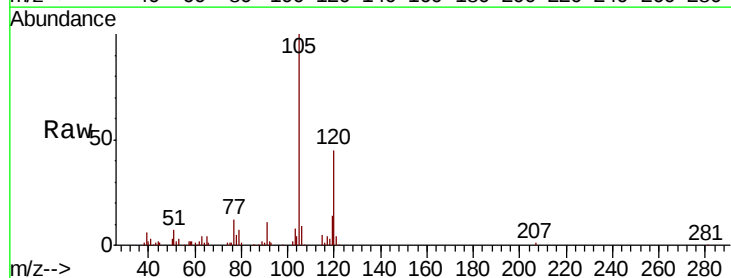
Acq: 30 Jul 2018 14:44

Tgt Ion:105 Resp: 90074

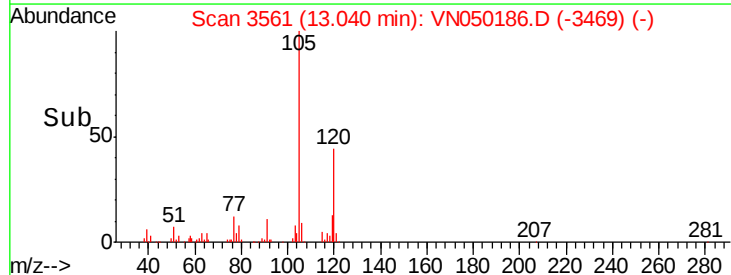
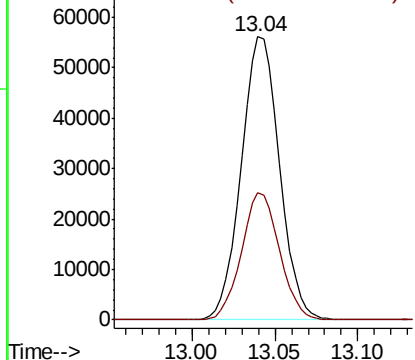
Ion Ratio Lower Upper

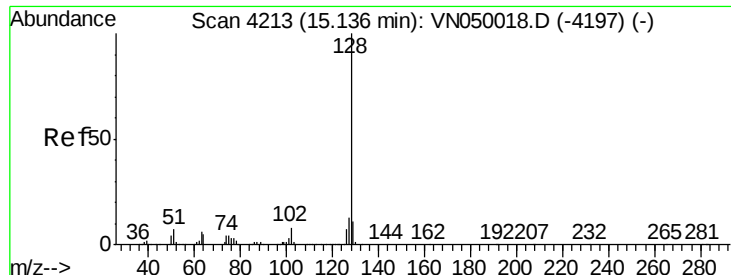
105 100

120 44.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

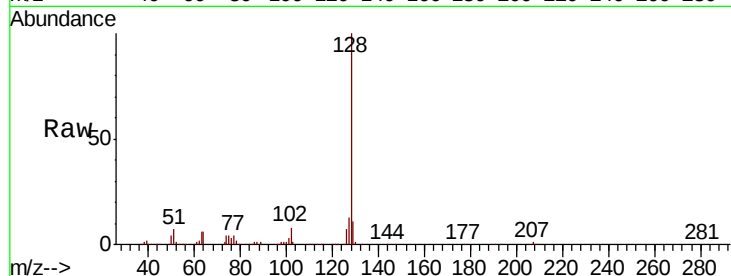




#95
Naphthalene
Concen: 33.29 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	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

