

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050137.D
 Acq On : 27 Jul 2018 18:18
 Operator : MD\SY
 Sample : J4184-02 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BD

Quant Time: Jul 30 09:43:09 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	760771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1165629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1006057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	478842	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	500956	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	
35) Dibromofluoromethane	7.60	113	442417	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
50) Toluene-d8	10.09	98	1592474	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	
62) 4-Bromofluorobenzene	12.41	95	523751	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	

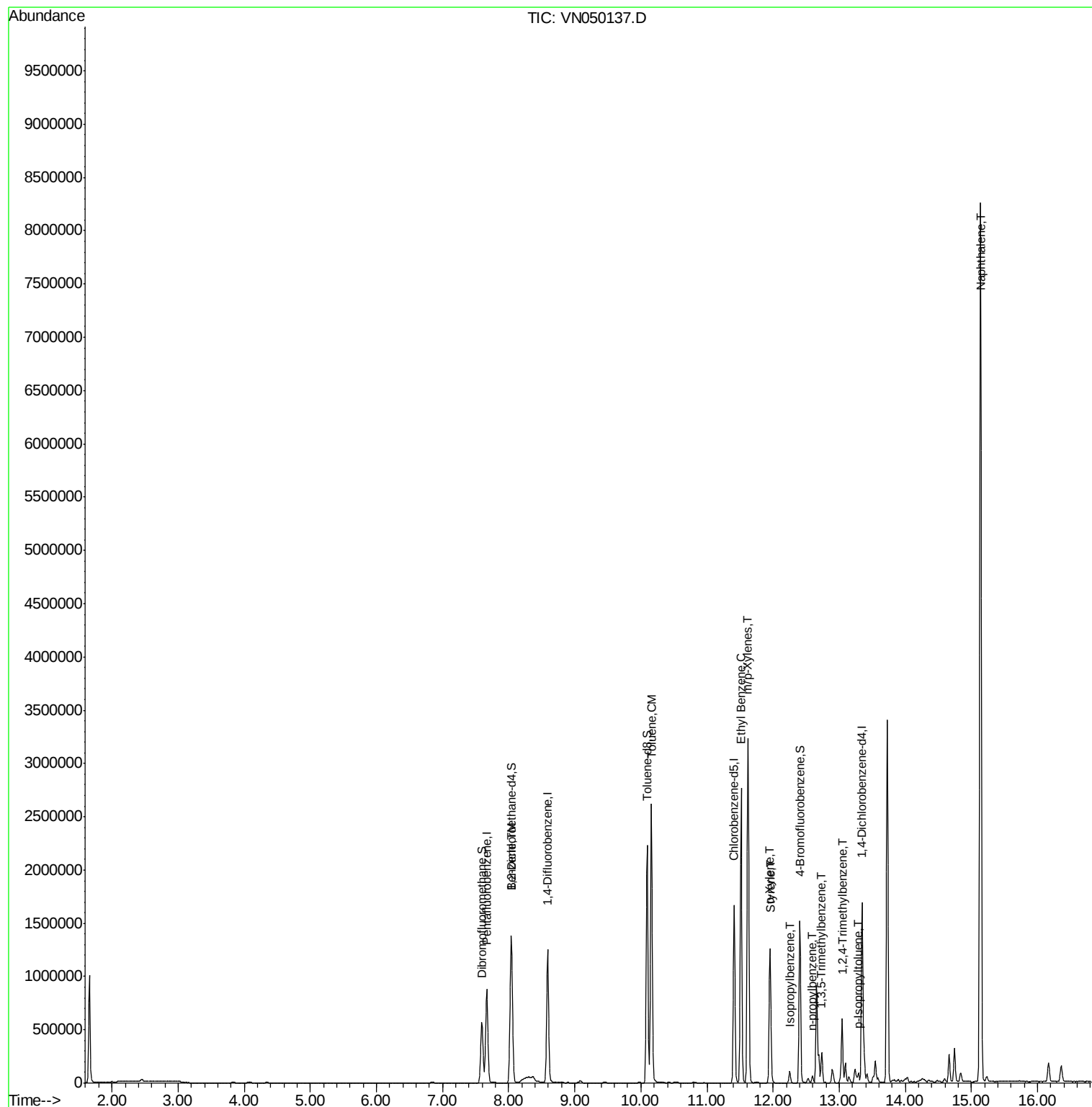
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	8.05	78	1051115	26.303	ug/l	100
52) Toluene	10.16	92	1173767	49.760	ug/l	100
67) Ethyl Benzene	11.52	91	2003825	49.087	ug/l	99
68) m/p-Xylenes	11.62	106	1035944	67.092	ug/l	100
69) o-Xylene	11.95	106	328653	22.328	ug/l	99
70) Styrene	11.97	104	145220	6.368	ug/l #	72
73) Isopropylbenzene	12.25	105	71371	1.922	ug/l	100
78) n-propylbenzene	12.59	91	50715	1.222	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	154279	5.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	344155	11.689	ug/l	99
86) p-Isopropyltoluene	13.29	119	46011	1.603	ug/l	97
95) Naphthalene	15.14	128	7118381	301.183	ug/l	100

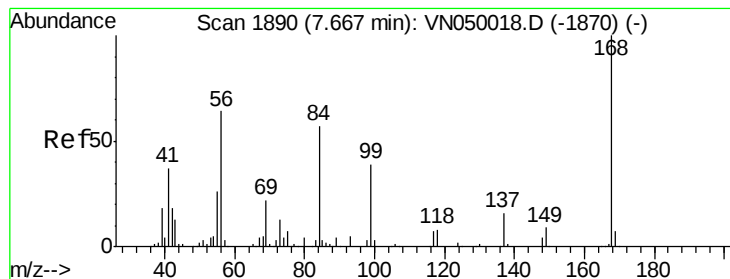
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.00 min

Lab File: VN050137.D

Acq: 27 Jul 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

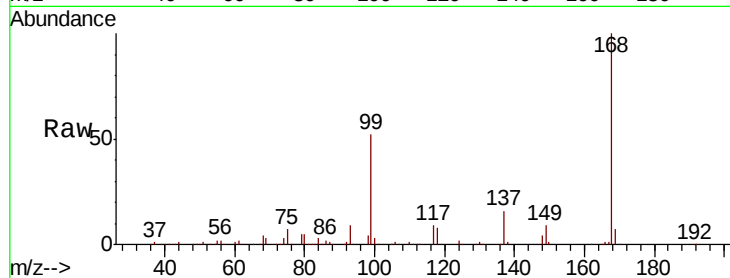
MW-7BD

Tot Ion:168 Resp: 760771

Ion Ratio Lower Upper

168 100

99 51.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

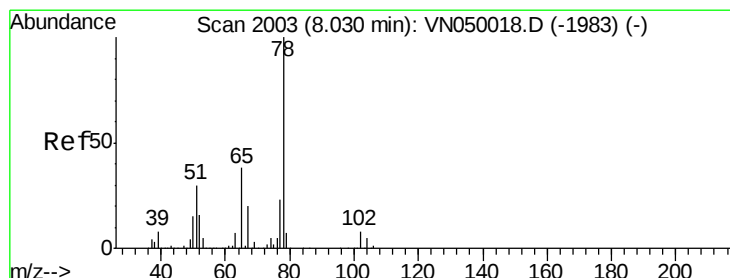
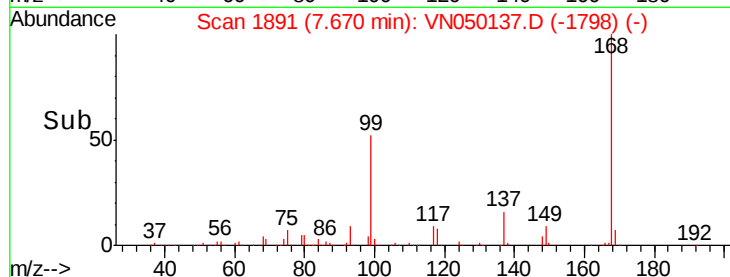
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 47.195 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050137.D

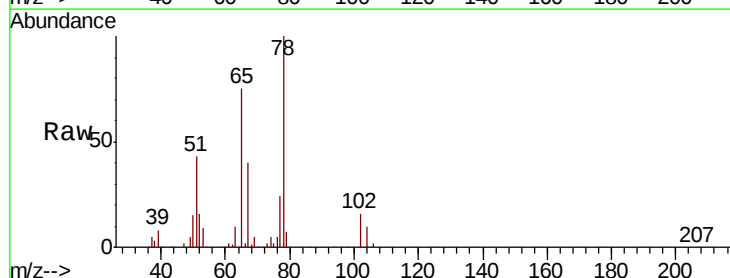
Acq: 27 Jul 2018 18:18

Tgt Ion: 65 Resp: 500956

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

250000

200000

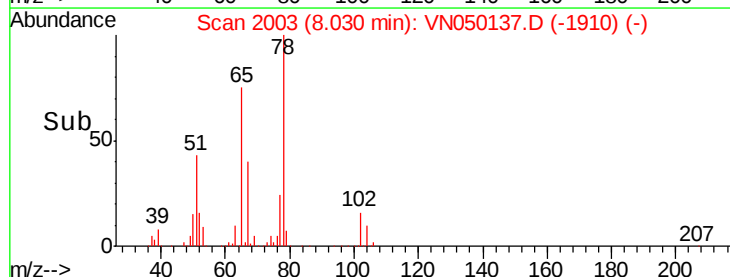
150000

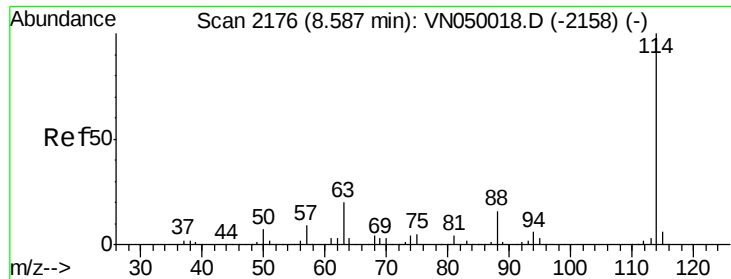
100000

50000

0

Time--> 7.90 8.00 8.10

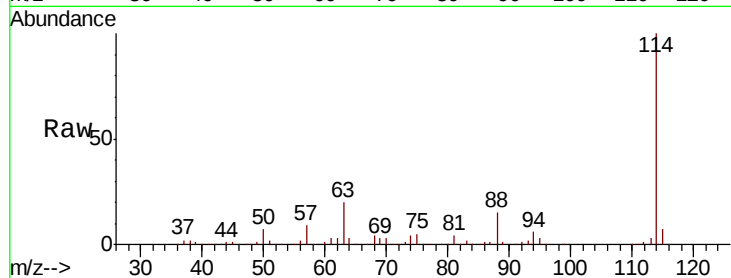




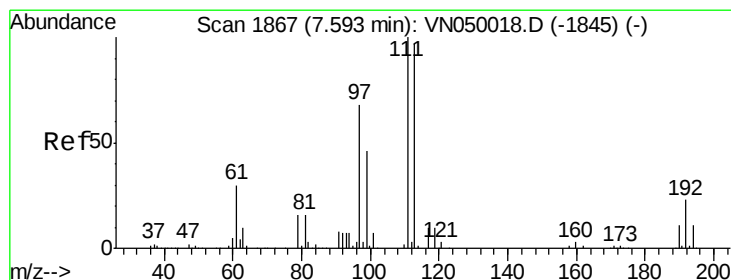
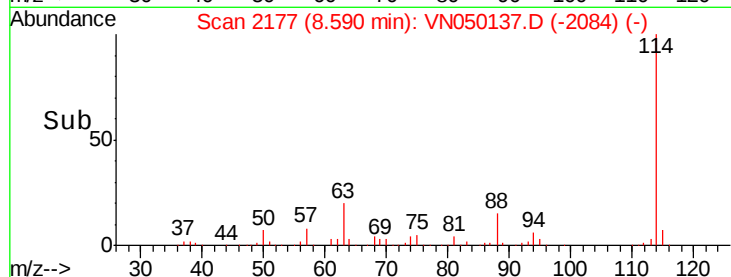
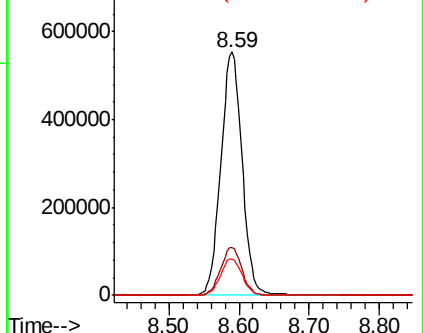
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VN050137.D
Acq: 27 Jul 2018 18:18

Instrument :
MSVOA_N
ClientSampleId :
MW-7BD

Tot Ion:114 Resp: 1165629
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.0
88 15.1 0.0 31.2

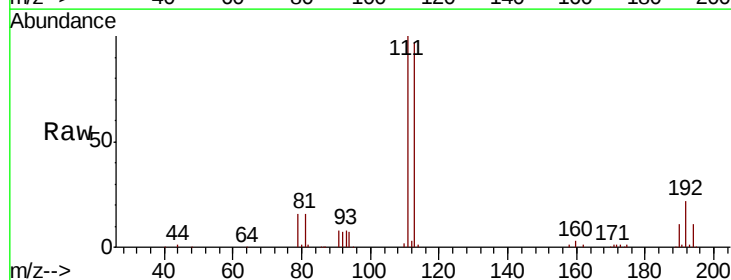


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

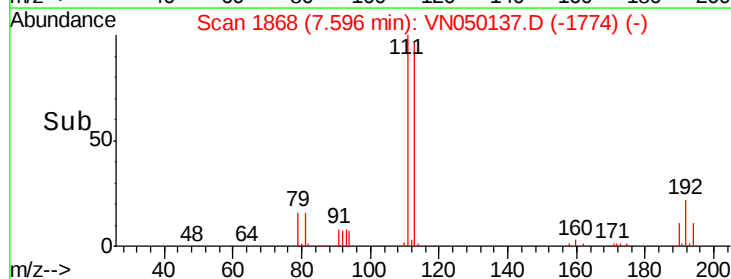
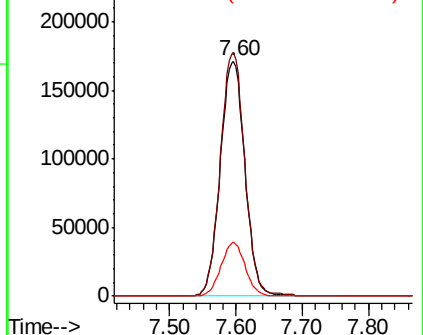


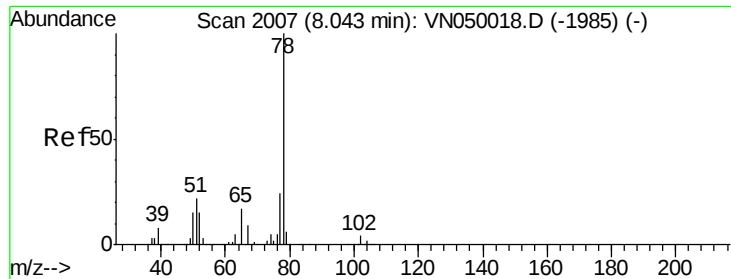
#35
Dibromofluoromethane
Concen: 46.487 ug/l
RT: 7.60 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VN050137.D
Acq: 27 Jul 2018 18:18

Tgt Ion:113 Resp: 442417
Ion Ratio Lower Upper
113 100
111 102.7 80.7 121.1
192 22.4 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: 26.303 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN050137.D

Acq: 27 Jul 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

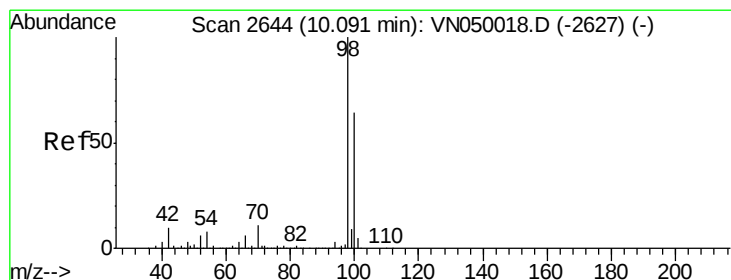
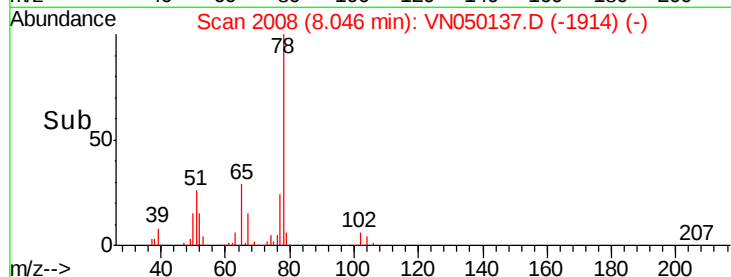
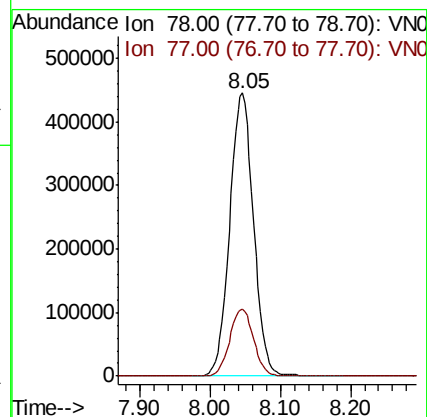
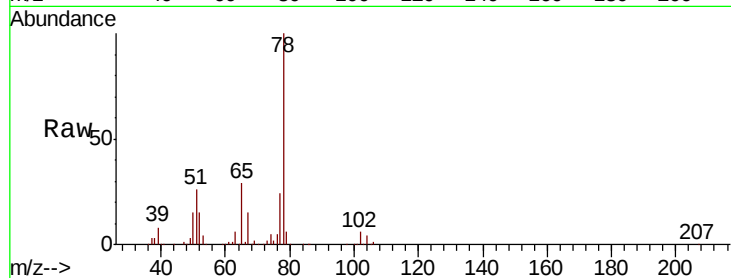
MW-7BD

Tot Ion: 78 Resp: 1051115

Ion Ratio Lower Upper

78 100

77 23.6 18.7 28.1



#50

Toluene-d8

Concen: 45.514 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VN050137.D

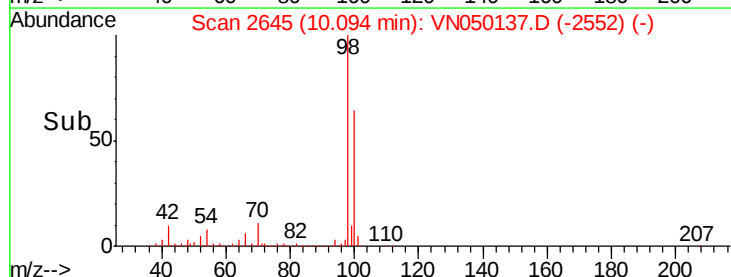
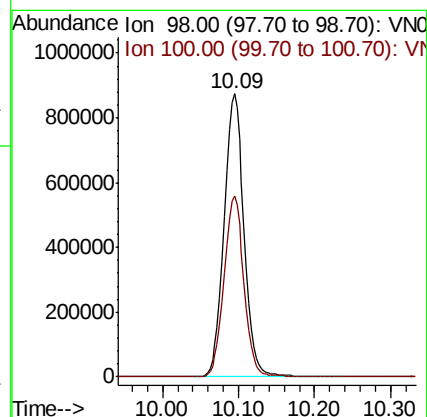
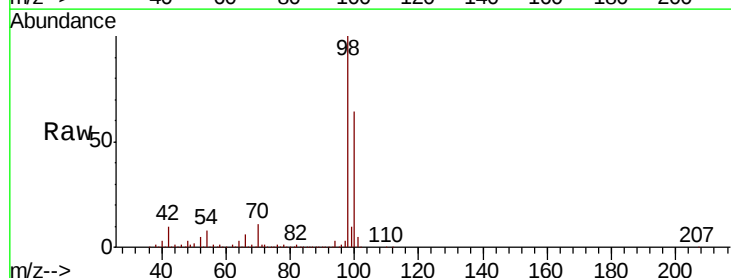
Acq: 27 Jul 2018 18:18

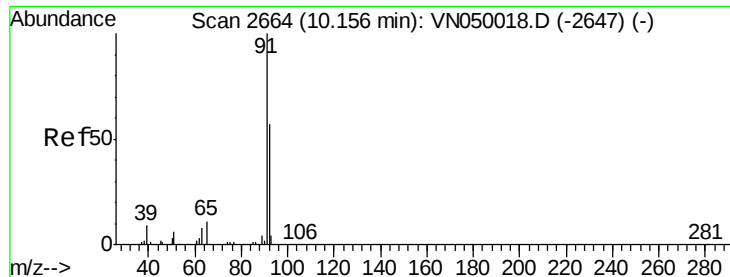
Tgt Ion: 98 Resp: 1592474

Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1





#52

Toluene

Concen: 49.760 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. -0.00 min

Lab File: VN050137.D

Acq: 27 Jul 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

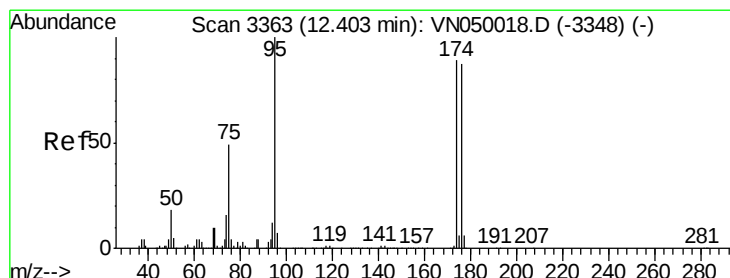
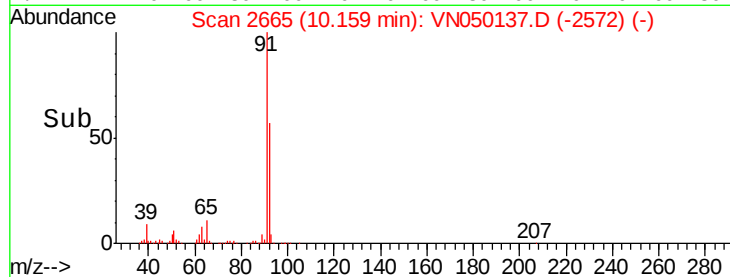
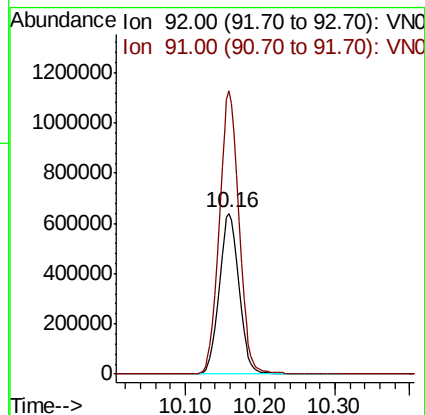
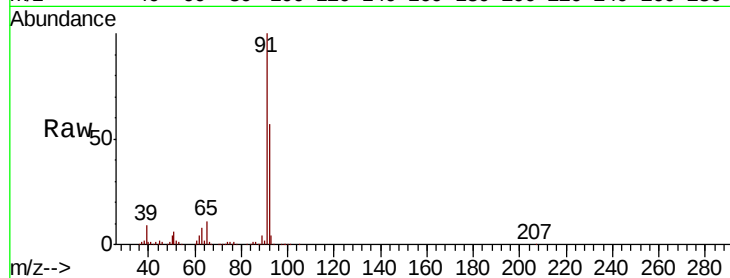
MW-7BD

Tot Ion: 92 Resp: 1173767

Ion Ratio Lower Upper

92 100

91 175.3 140.3 210.5



#62

4-Bromofluorobenzene

Concen: 45.461 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN050137.D

Acq: 27 Jul 2018 18:18

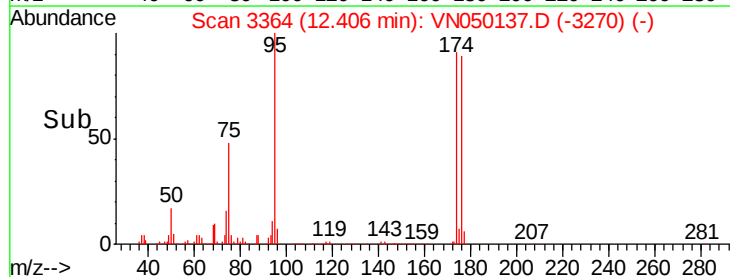
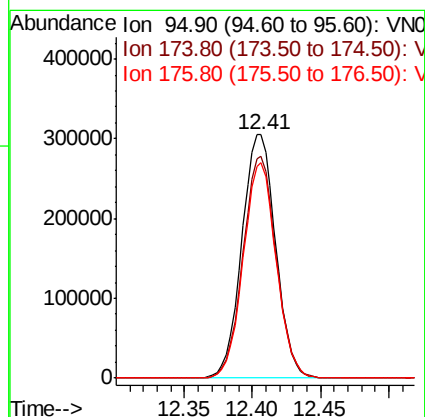
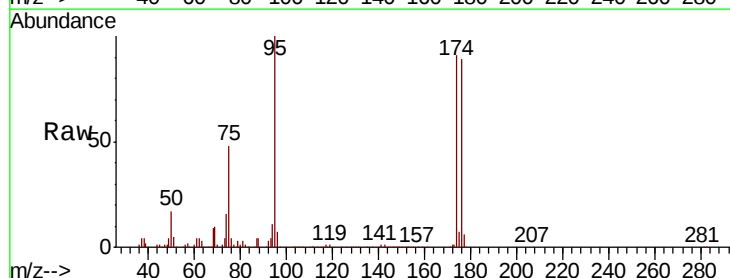
Tgt Ion: 95 Resp: 523751

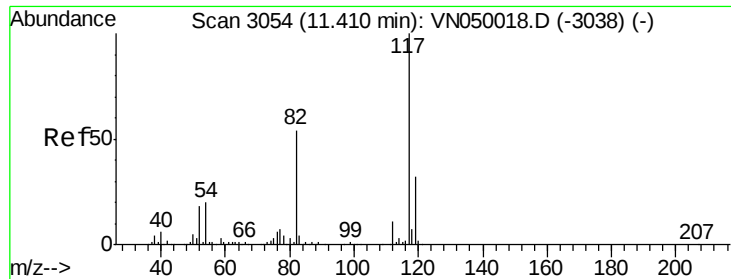
Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.2

176 86.4 0.0 173.4

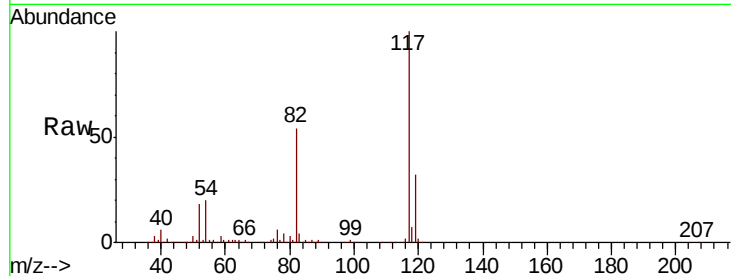




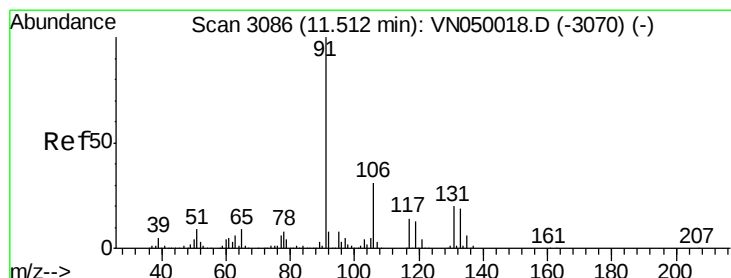
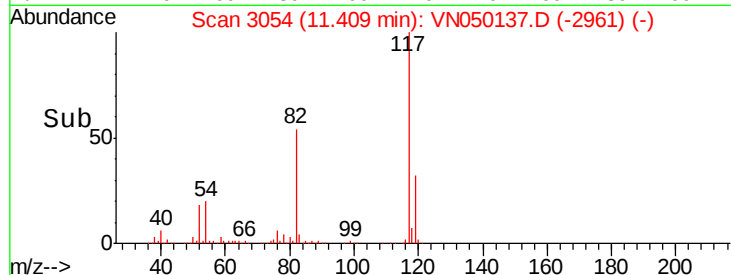
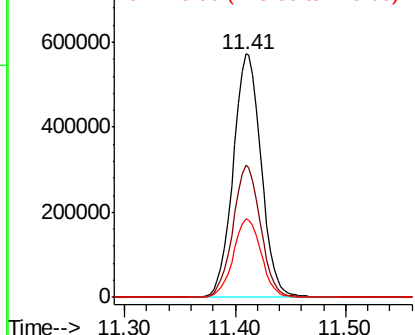
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050137.D
Acq: 27 Jul 2018 18:18

Instrument :
MSVOA_N
ClientSampleId :
MW-7BD

Tot Ion:117 Resp: 1006057
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.0 26.1 39.1

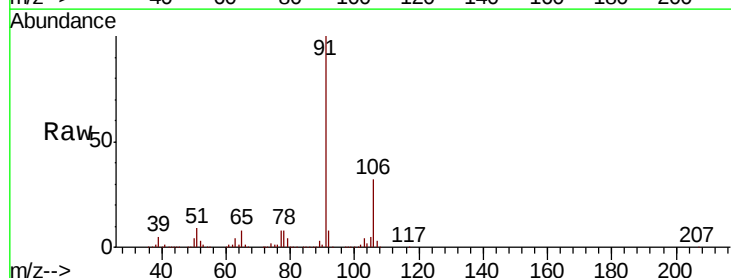


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

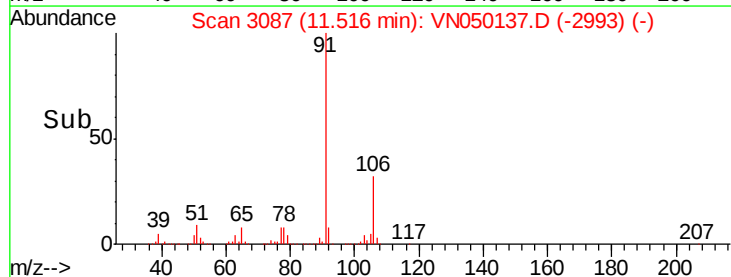
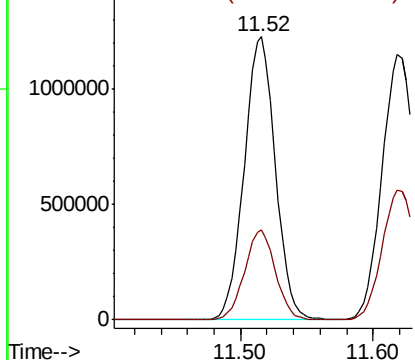


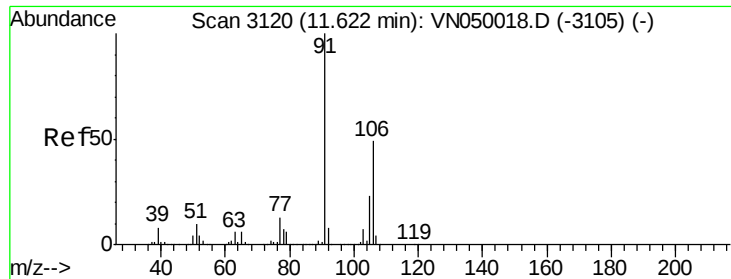
#67
Ethyl Benzene
Concen: 49.087 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN050137.D
Acq: 27 Jul 2018 18:18

Tgt Ion: 91 Resp: 2003825
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.4



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

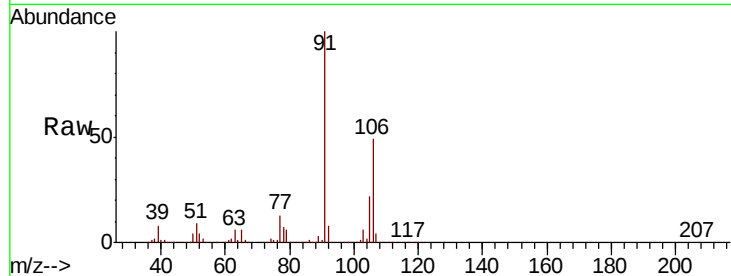




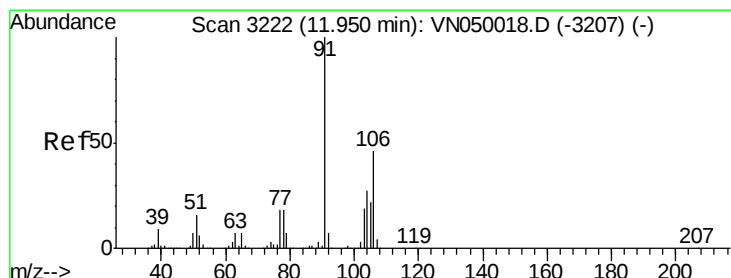
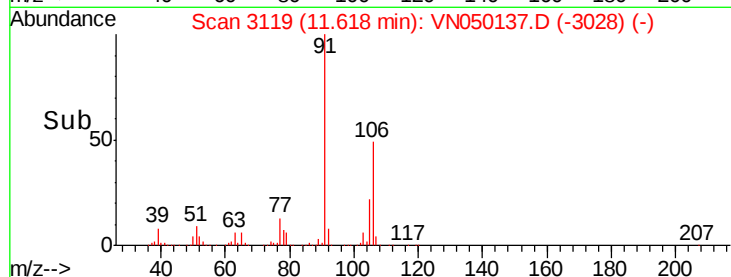
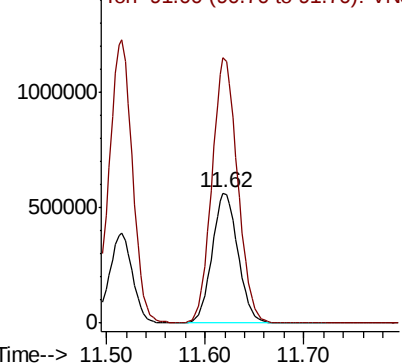
#68
m/p-Xylenes
Concen: 67.092 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050137.D
Acq: 27 Jul 2018 18:18

Instrument :
MSVOA_N
ClientSampleId :
MW-7BD

Tot Ion:106 Resp: 1035944
Ion Ratio Lower Upper
106 100
91 202.0 162.2 243.2

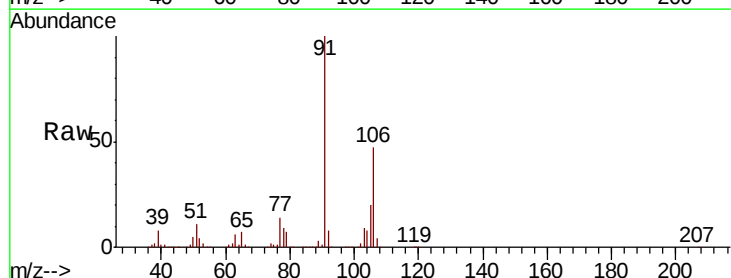


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

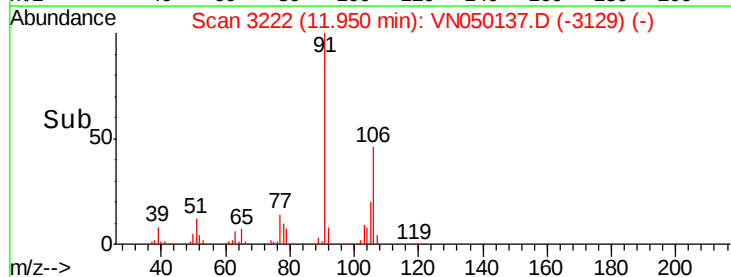
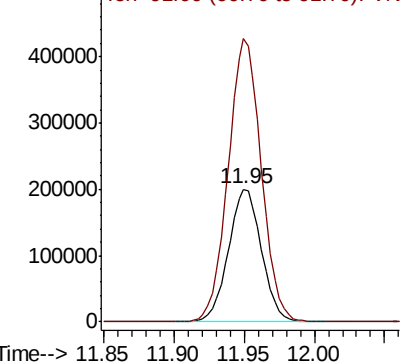


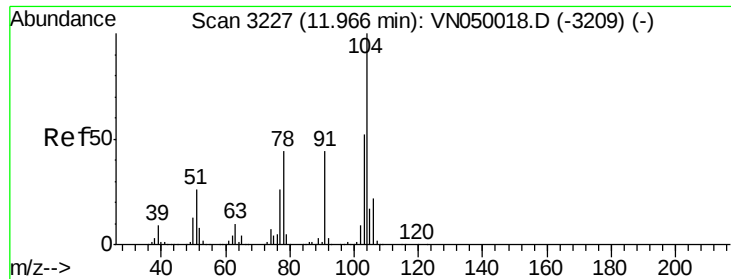
#69
o-Xylene
Concen: 22.328 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050137.D
Acq: 27 Jul 2018 18:18

Tgt Ion:106 Resp: 328653
Ion Ratio Lower Upper
106 100
91 214.1 107.7 323.1



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

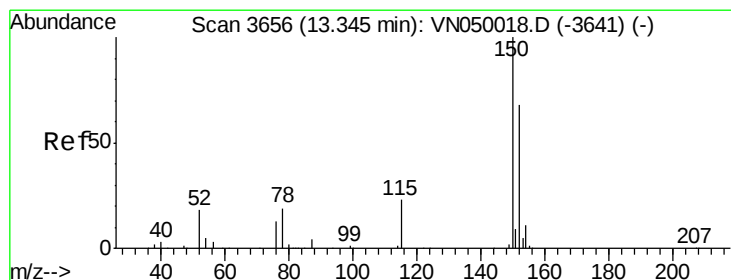
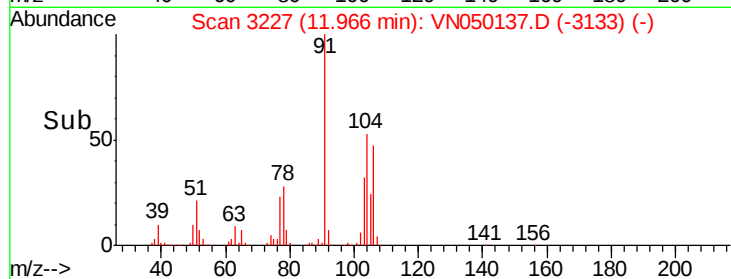
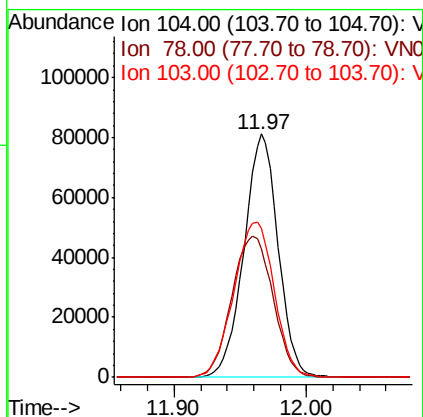
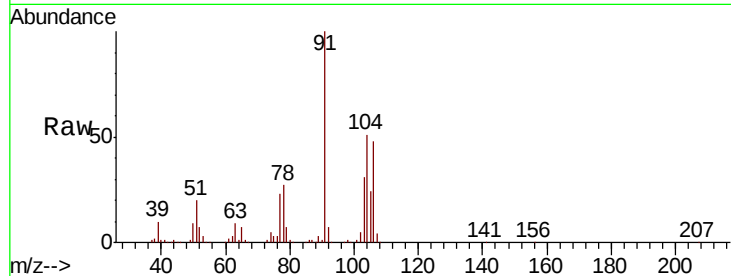




#70
Stvrene
Concen: 6.368 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050137.D
Acq: 27 Jul 2018 18:18

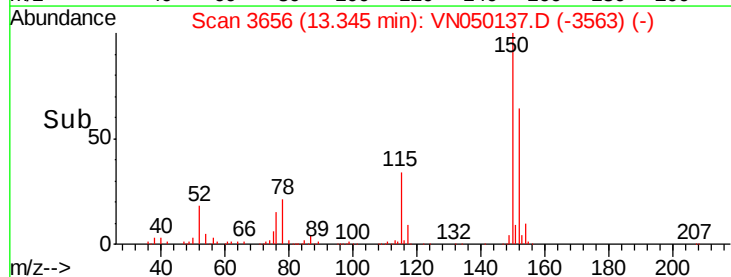
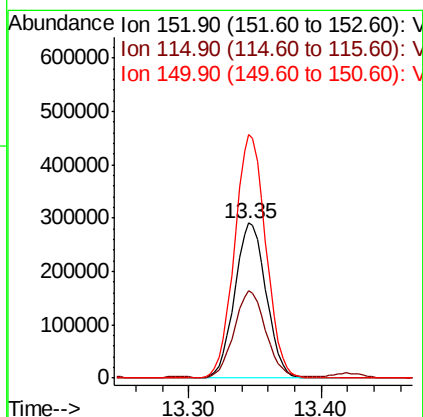
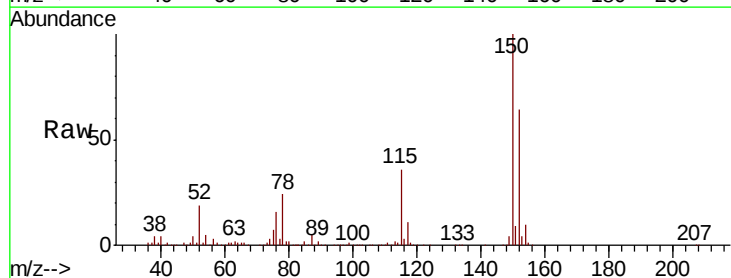
Instrument :
MSVOA_N
ClientSampled :
MW-7BD

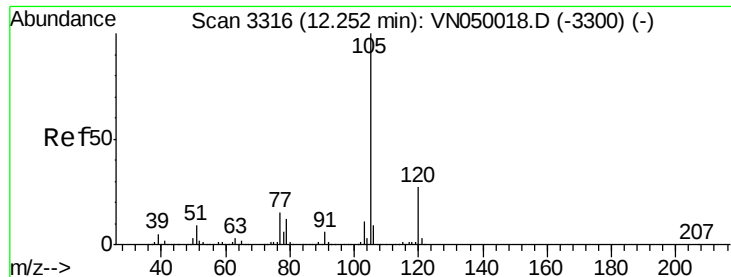
Tot Ion:104 Resp: 145220
Ion Ratio Lower Upper
104 100
78 70.3 39.3 58.9#
103 75.5 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050137.D
Acq: 27 Jul 2018 18:18

Tgt Ion:152 Resp: 478842
Ion Ratio Lower Upper
152 100
115 56.2 27.8 83.3
150 155.9 0.0 348.6





#73

Isopropylbenzene

Concen: 1.922 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN050137.D

Acq: 27 Jul 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

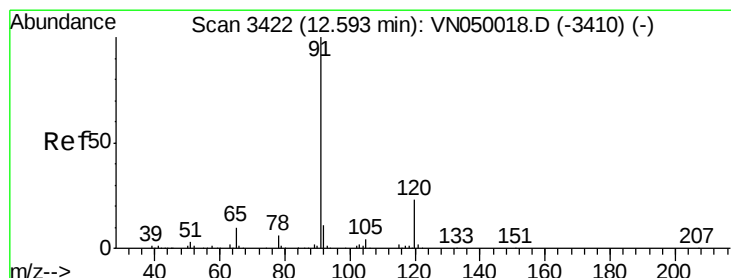
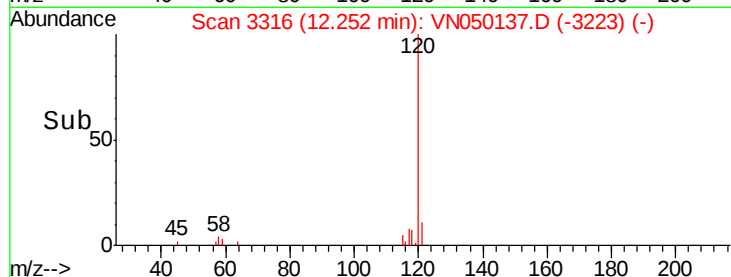
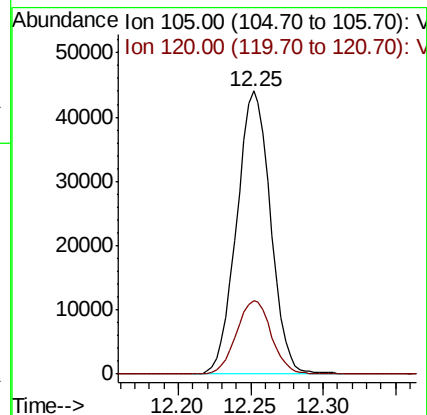
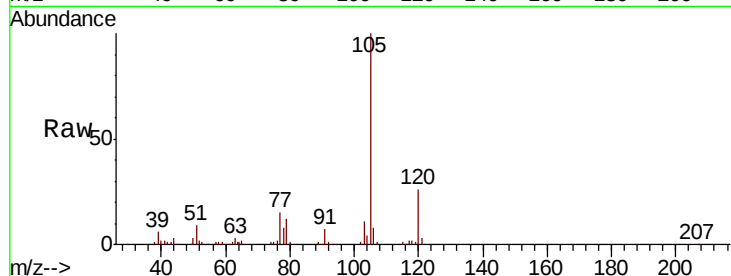
MW-7BD

Tot Ion:105 Resp: 71371

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#78

n-propylbenzene

Concen: 1.222 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050137.D

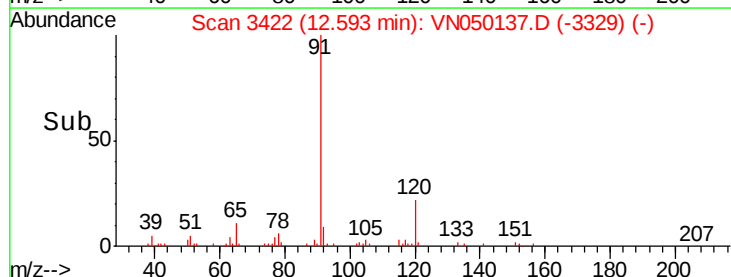
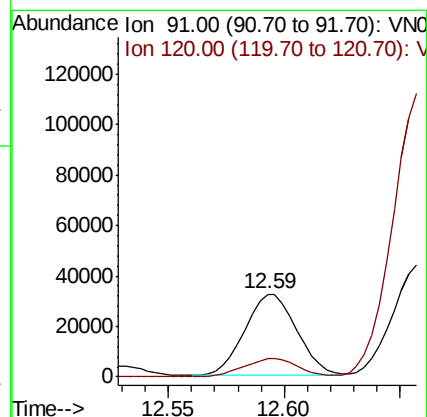
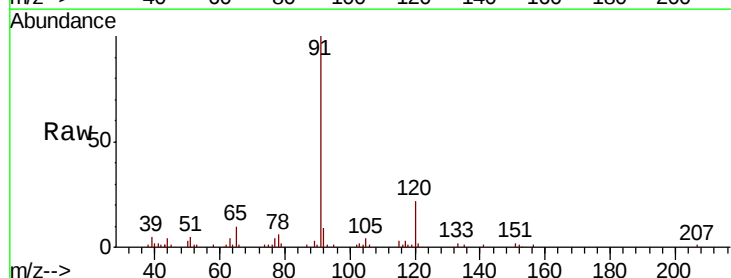
Acq: 27 Jul 2018 18:18

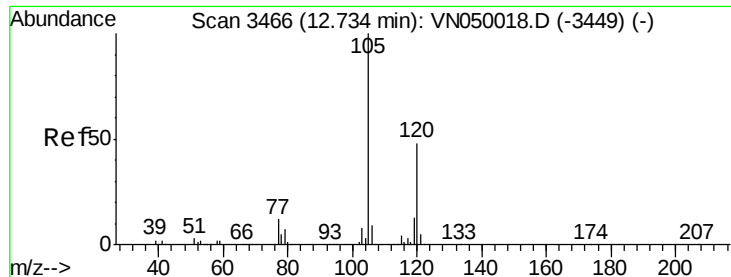
Tgt Ion: 91 Resp: 50715

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.7





#80

1,3,5-Trimethylbenzene

Concen: 5.281 ug/l

RT: 12.74 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VN050137.D

Acq: 27 Jul 2018 18:18

Instrument :

MSVOA_N

ClientSampleId :

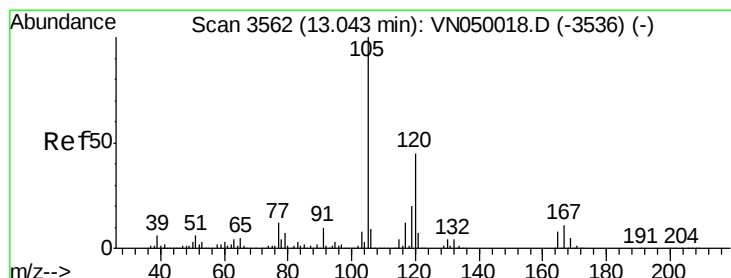
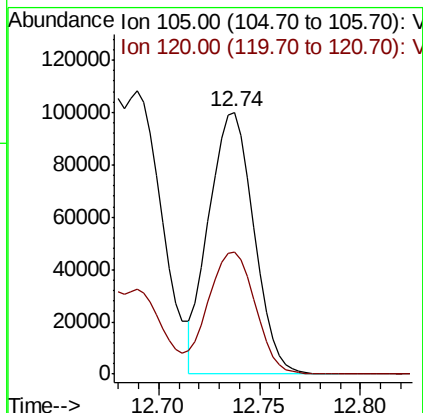
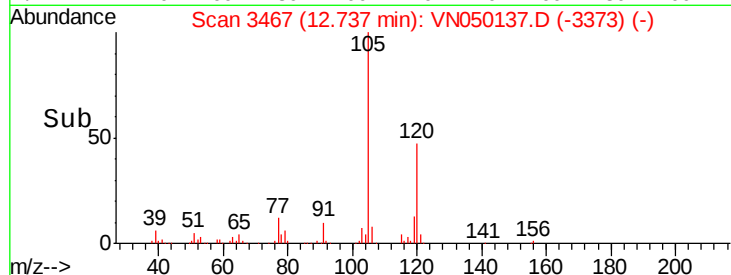
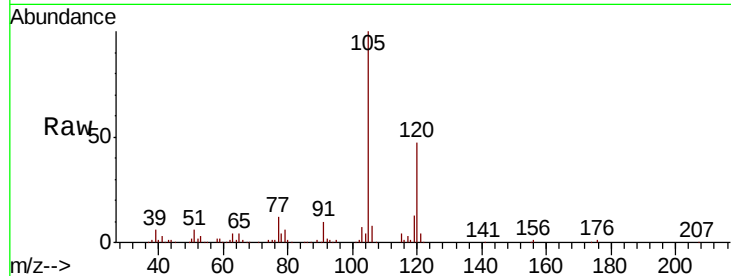
MW-7BD

Tot Ion:105 Resp: 154279

Ion Ratio Lower Upper

105 100

120 49.7 24.4 73.2



#84

1,2,4-Trimethylbenzene

Concen: 11.689 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN050137.D

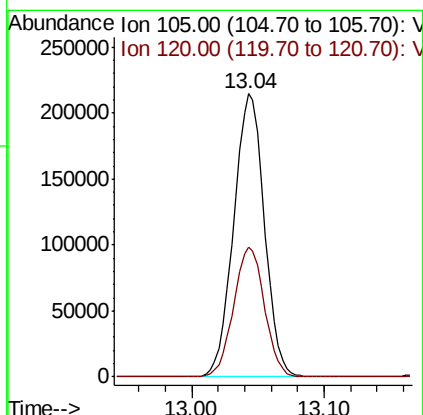
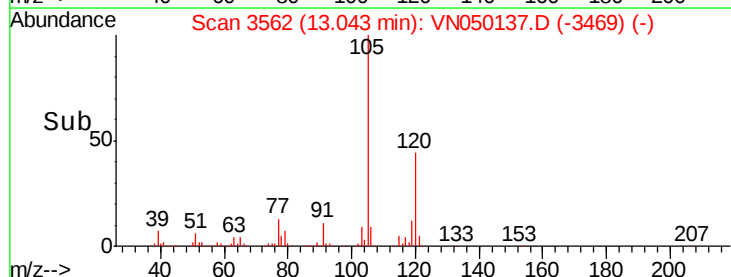
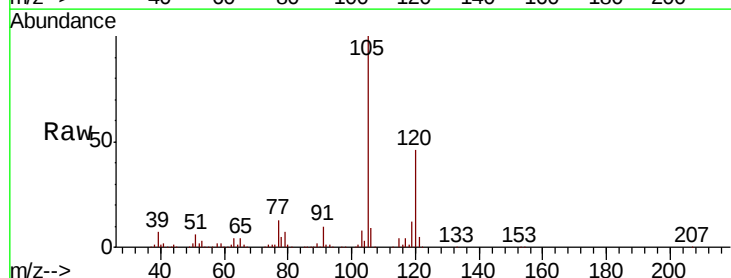
Acq: 27 Jul 2018 18:18

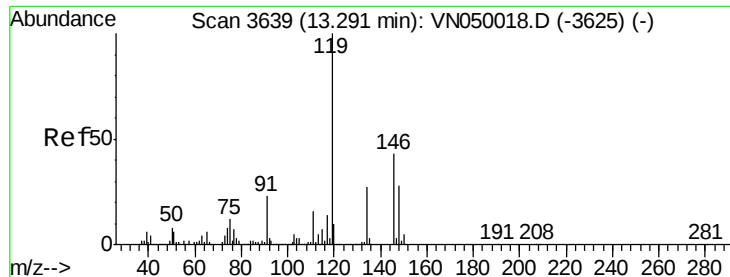
Tgt Ion:105 Resp: 344155

Ion Ratio Lower Upper

105 100

120 46.1 22.9 68.7

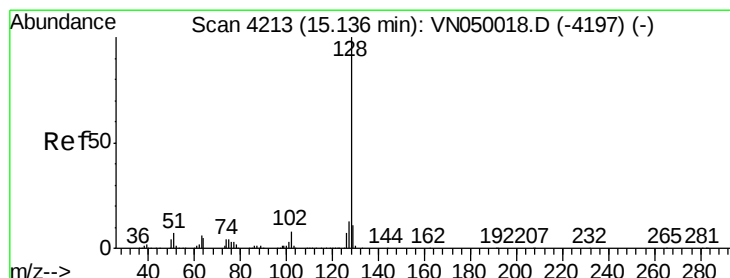
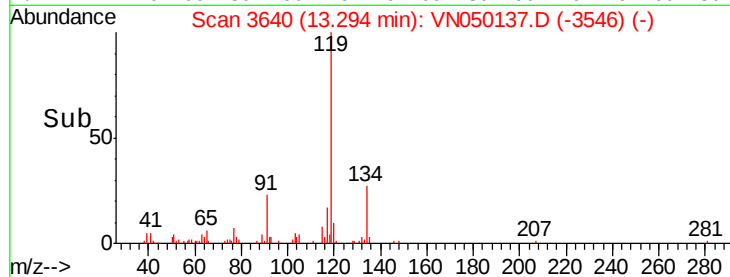
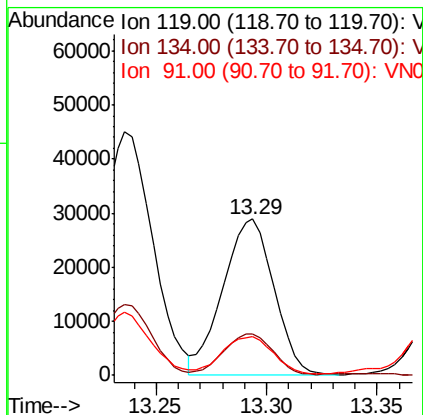
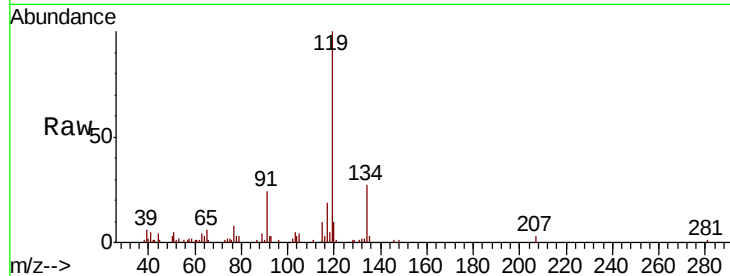




#86
p-Isopropyltoluene
Concen: 1.603 ug/l
RT: 13.29 min Scan# 3640
Delta R.T. 0.00 min
Lab File: VN050137.D
Acq: 27 Jul 2018 18:18

Instrument :
MSVOA_N
ClientSampled :
MW-7BD

Tot Ion:119 Resp: 46011
Ion Ratio Lower Upper
119 100
134 25.2 13.3 39.8
91 24.1 11.4 34.2



#95
Naphthalene
Concen: 301.183 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050137.D
Acq: 27 Jul 2018 18:18

Tgt Ion:128 Resp: 7118381
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.8 13.2

