

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050104.D
 Acq On : 27 Jul 2018 1:10
 Operator : MD\SY
 Sample : J4184-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSA

Quant Time: Jul 27 09:43:40 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	693459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1115128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	943999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	418243	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	479794	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
35) Dibromofluoromethane	7.59	113	421487	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
50) Toluene-d8	10.09	98	1528420	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	
62) 4-Bromofluorobenzene	12.40	95	479166	43.47	ug/l	0.00
Spiked Amount			Recovery	=	86.94%	

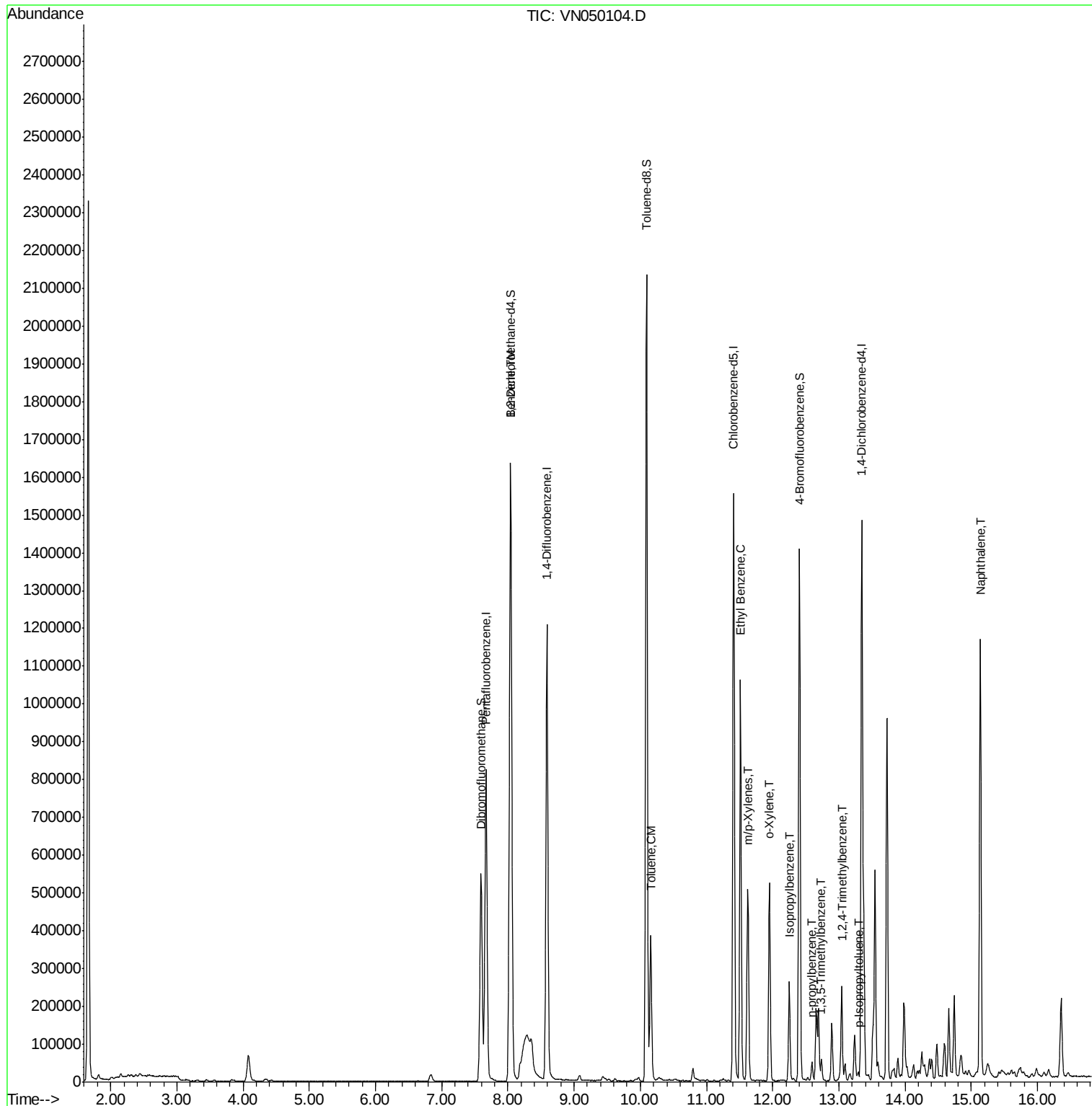
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	8.05	78	1357214	35.50	ug/l	100
52) Toluene	10.16	92	168523	7.47	ug/l	99
67) Ethyl Benzene	11.51	91	764037	19.95	ug/l	99
68) m/p-Xylenes	11.63	106	167551	11.56	ug/l	99
69) o-Xylene	11.95	106	143387	10.38	ug/l	99
73) Isopropylbenzene	12.25	105	172589	5.32	ug/l	99
78) n-propylbenzene	12.59	91	35971	0.99	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	27487	1.08	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	136966	5.33	ug/l	100
86) p-Isopropyltoluene	13.29	119	9062	0.36	ug/l	95
95) Naphthalene	15.14	128	981232	51.25	ug/l	100

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

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Quant Time: Jul 27 09:43:40 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

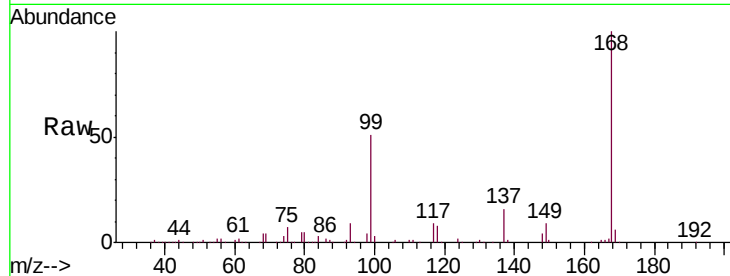
MW-7BSA

Tot Ion:168 Resp: 693459

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

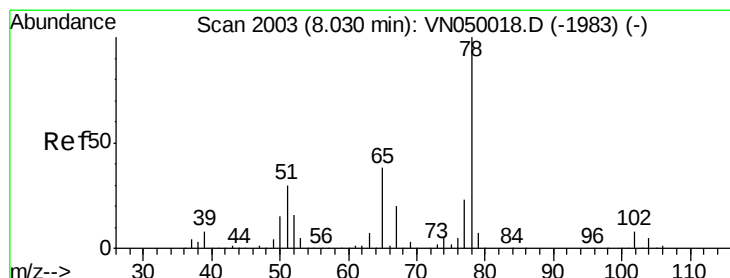
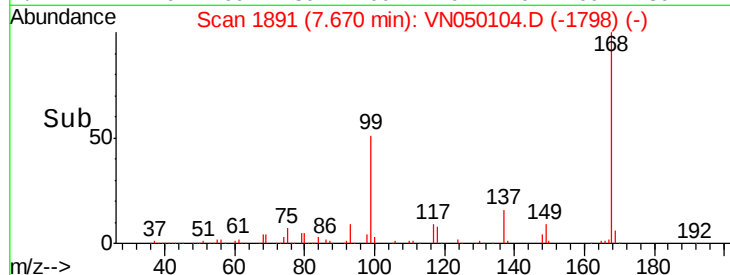
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.59 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050104.D

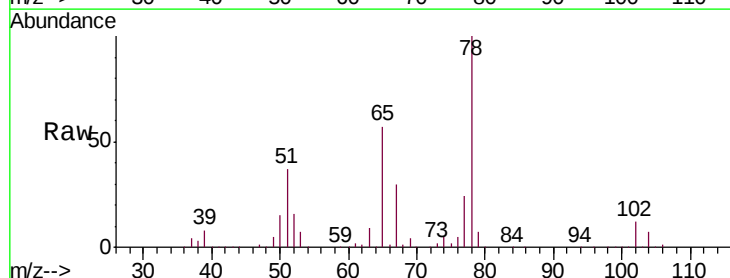
Acq: 27 Jul 2018 1:10

Tgt Ion: 65 Resp: 479794

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

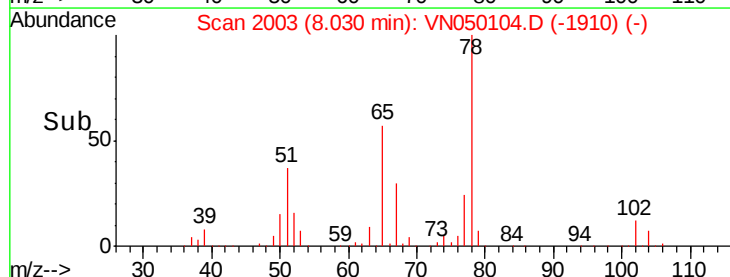
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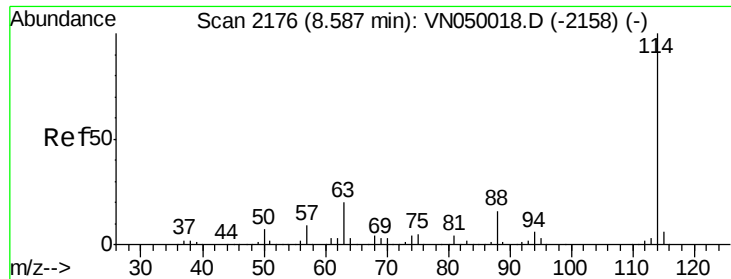
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50000

0

Time-->

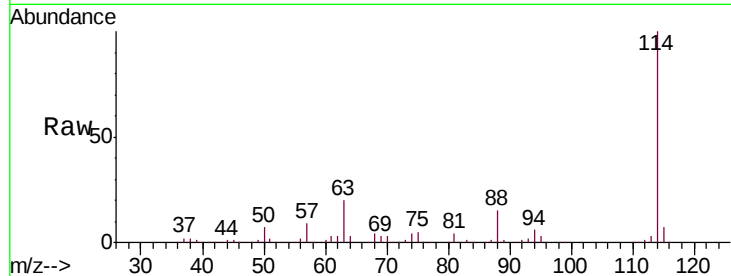




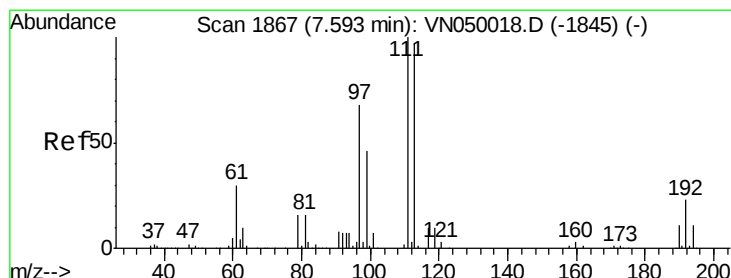
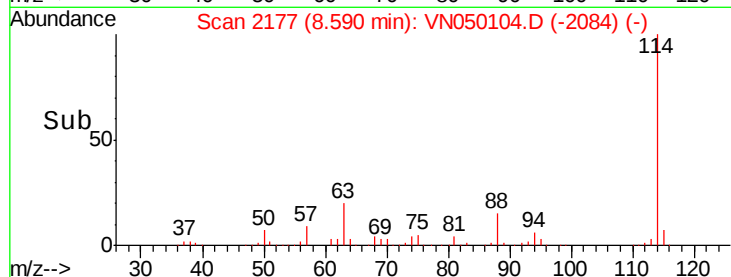
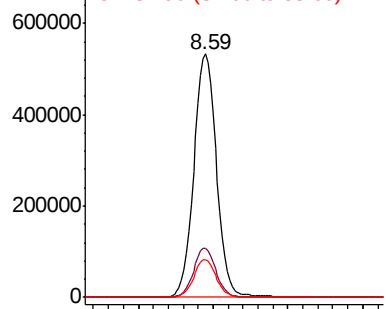
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tot Ion:114 Resp: 1115128
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 15.5 0.0 31.2

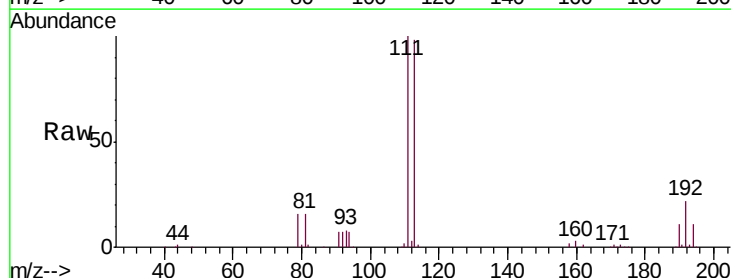


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

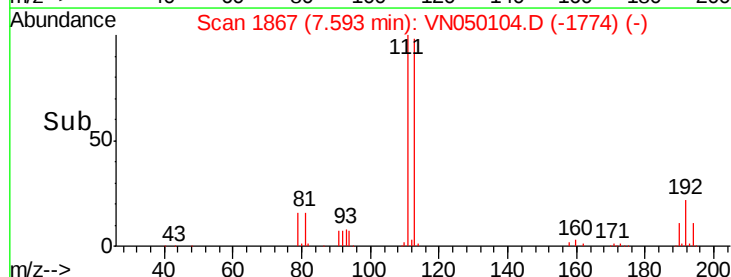
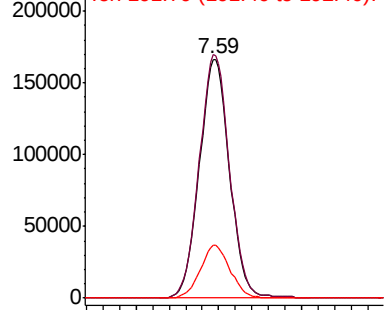


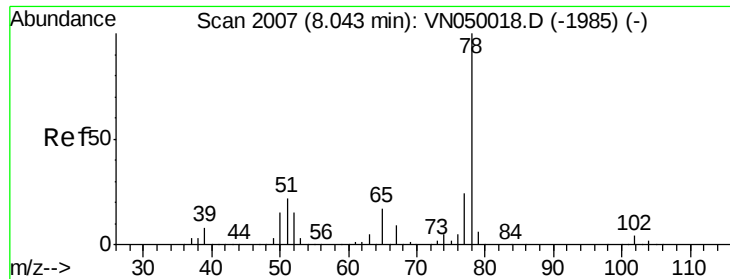
#35
Dibromofluoromethane
Concen: 46.29 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion:113 Resp: 421487
Ion Ratio Lower Upper
113 100
111 102.6 80.7 121.1
192 21.7 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: 35.50 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

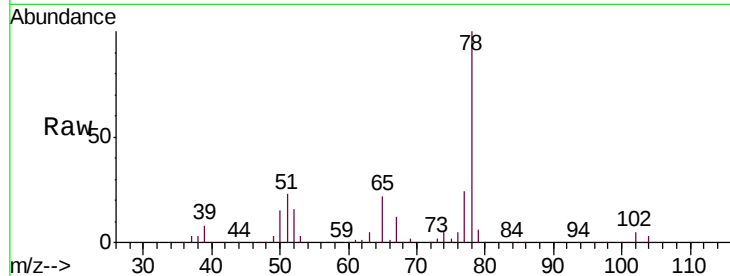
MW-7BSA

Tot Ion: 78 Resp: 1357214

Ion Ratio Lower Upper

78 100

77 23.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

8.05

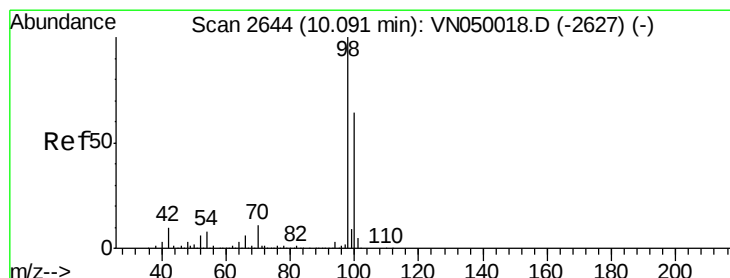
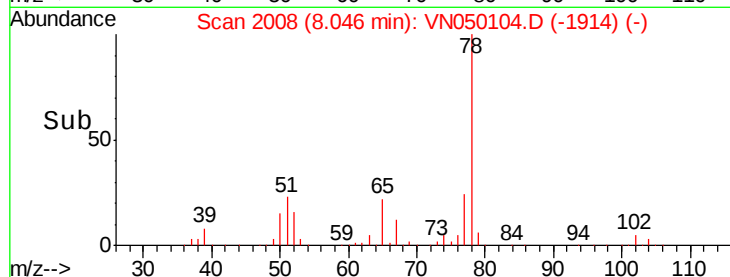
600000

400000

200000

0

Time-->



#50

Toluene-d8

Concen: 45.66 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050104.D

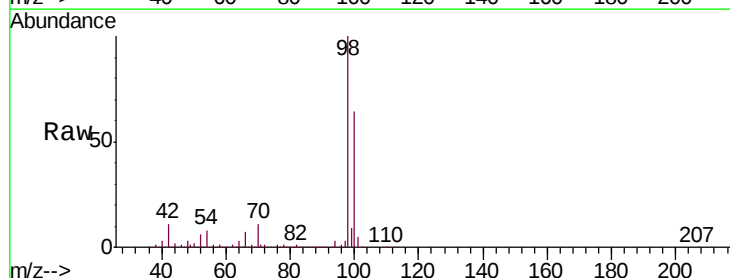
Acq: 27 Jul 2018 1:10

Tgt Ion: 98 Resp: 1528420

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

10.09

800000

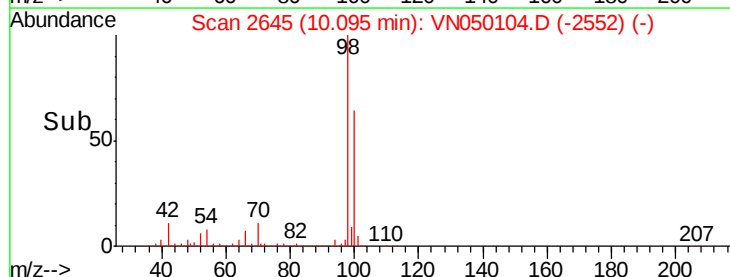
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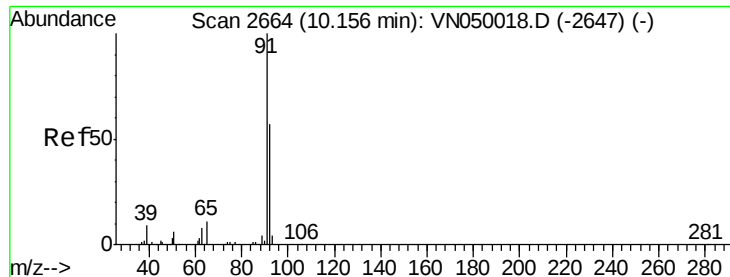
400000

200000

0

Time-->





#52

Toluene

Concen: 7.47 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

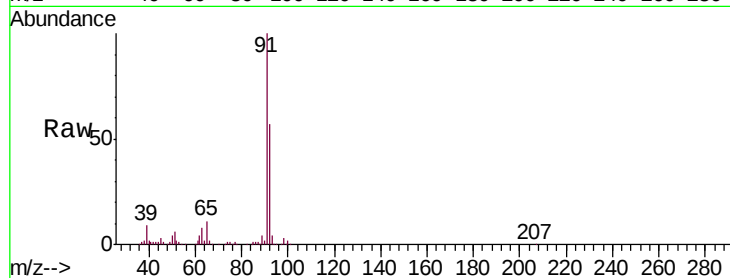
MW-7BSA

Tot Ion: 92 Resp: 168523

Ion Ratio Lower Upper

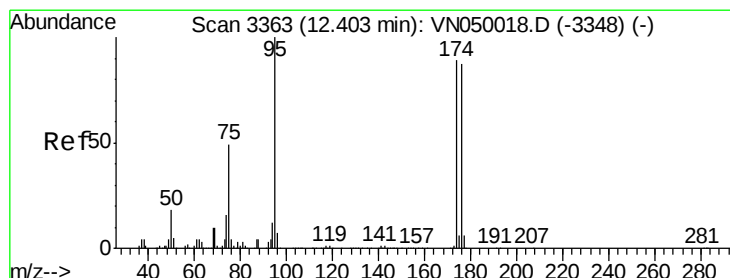
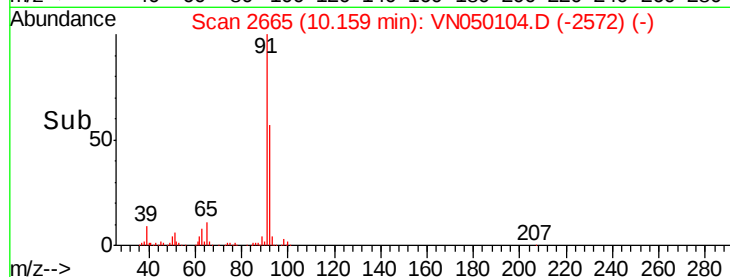
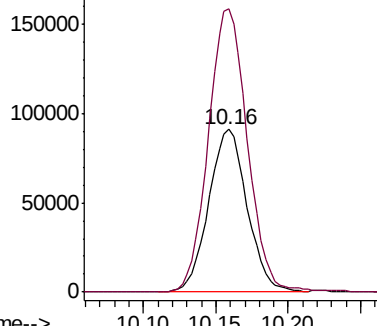
92 100

91 177.1 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 43.47 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

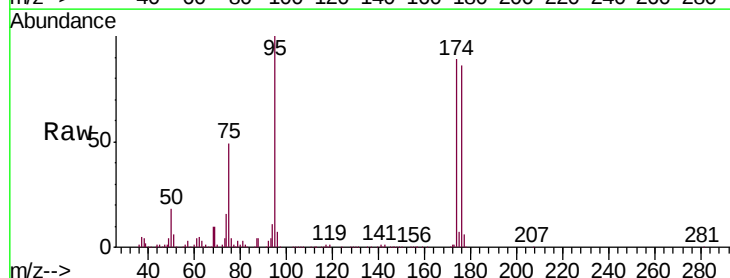
Tgt Ion: 95 Resp: 479166

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.2

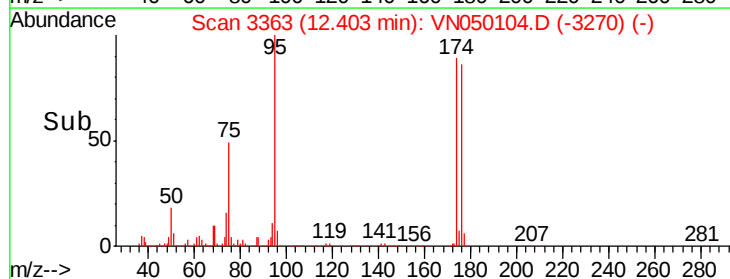
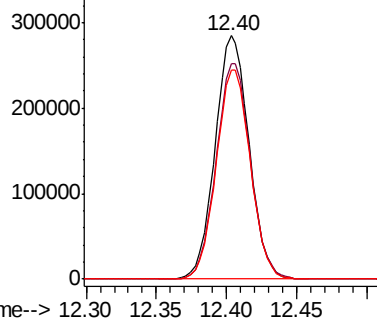
176 86.5 0.0 173.4

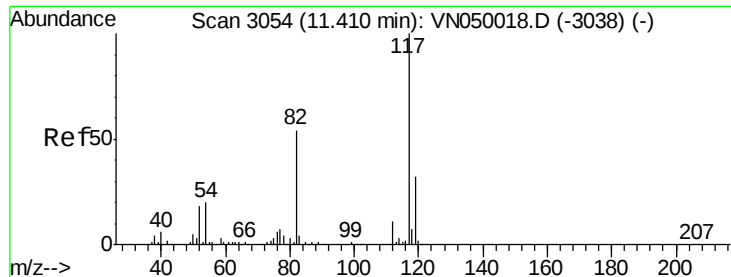


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

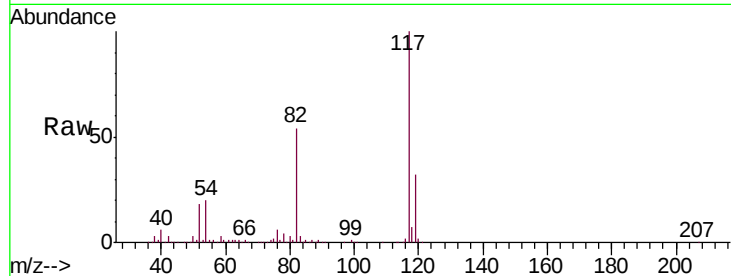




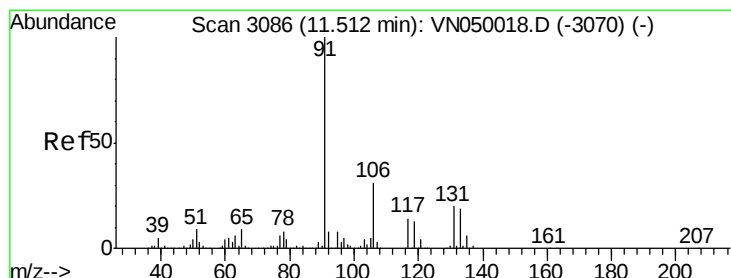
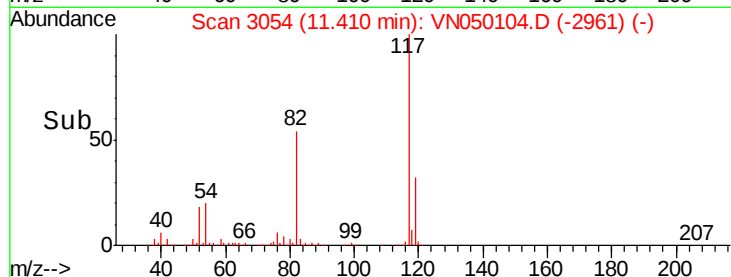
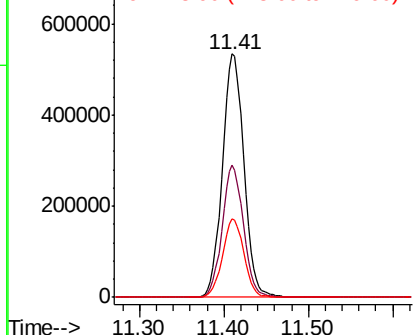
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tot Ion:117 Resp: 943999
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 32.1 26.1 39.1

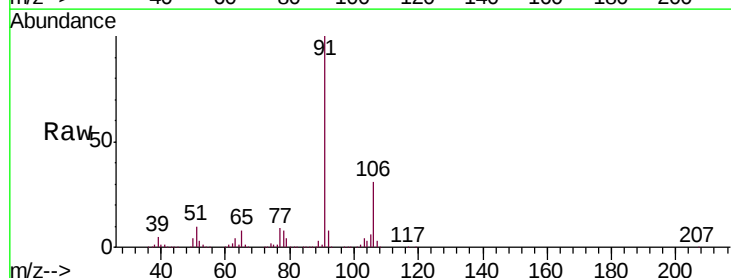


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

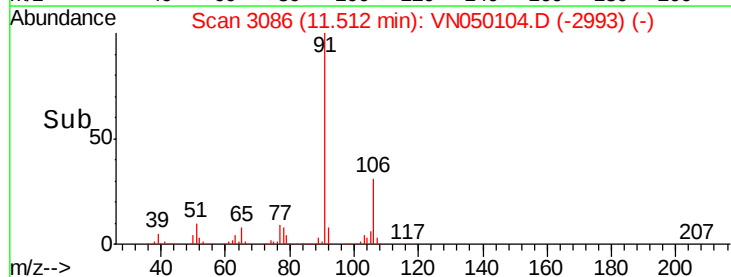
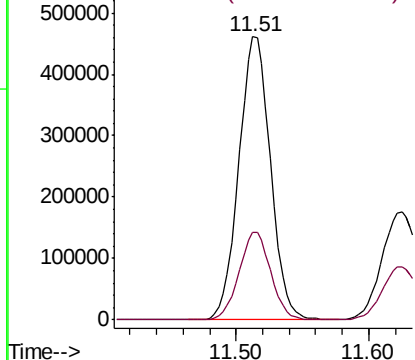


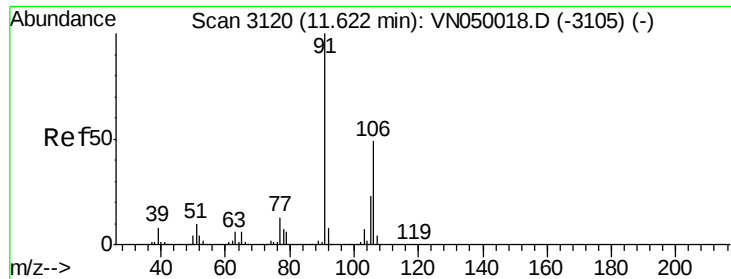
#67
Ethyl Benzene
Concen: 19.95 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 91 Resp: 764037
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4



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

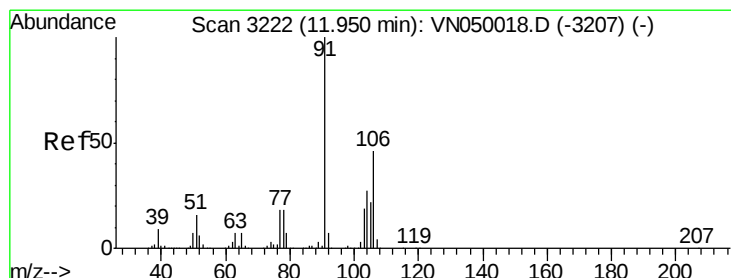
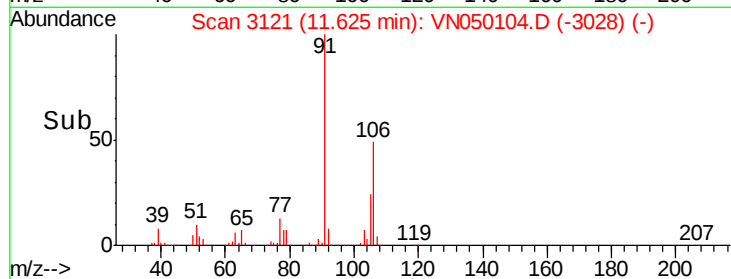
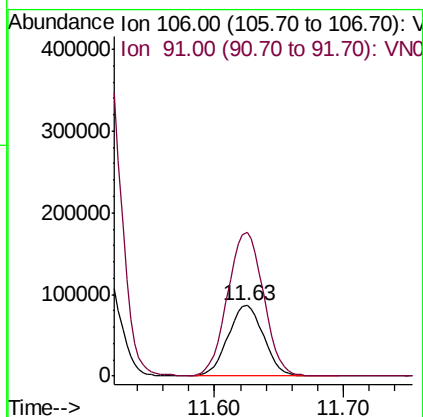
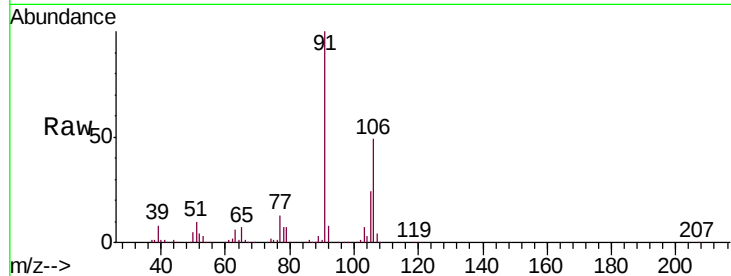




#68
m/p-Xylenes
Concen: 11.56 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

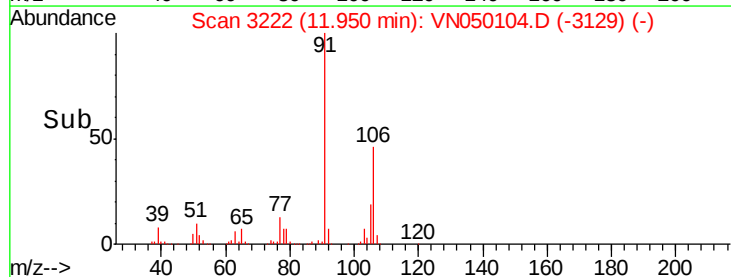
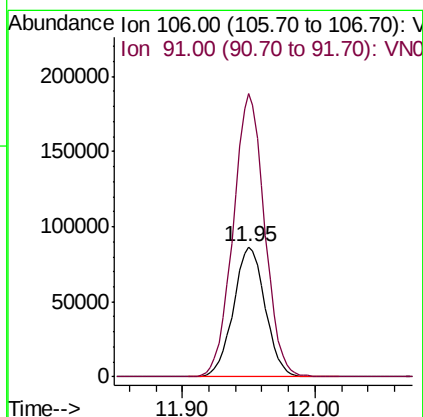
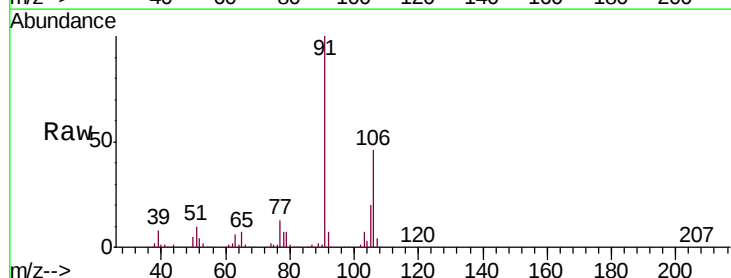
Instrument :
MSVOA_N
ClientSampled :
MW-7BSA

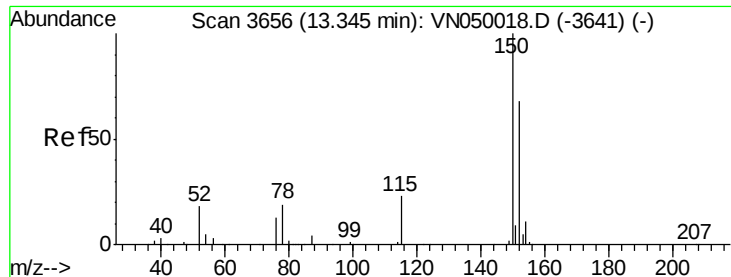
Tot Ion:106 Resp: 167551
Ion Ratio Lower Upper
106 100
91 204.3 162.2 243.2



#69
o-Xylene
Concen: 10.38 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion:106 Resp: 143387
Ion Ratio Lower Upper
106 100
91 216.3 107.7 323.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050104.D

Acq: 27 Jul 2018 1:10

Instrument :

MSVOA_N

ClientSampleId :

MW-7BSA

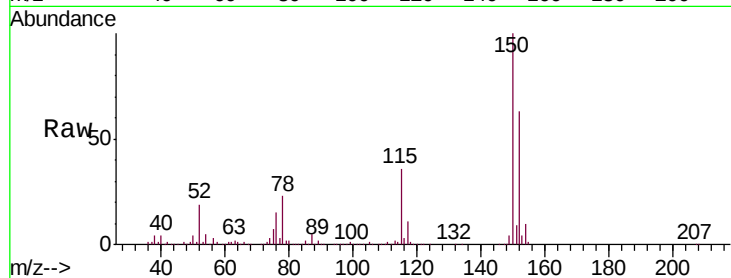
Tot Ion:152 Resp: 418243

Ion Ratio Lower Upper

152 100

115 58.2 27.8 83.3

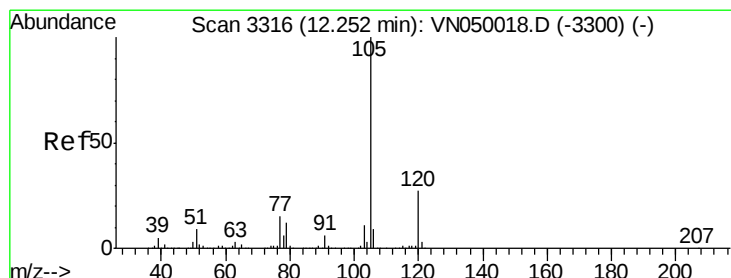
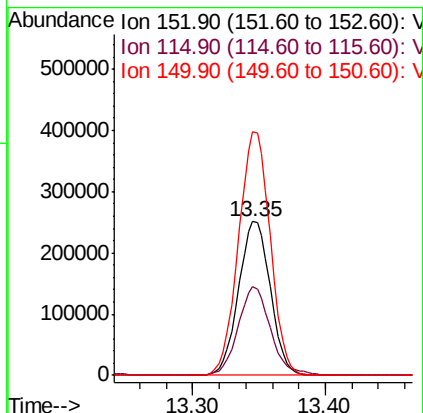
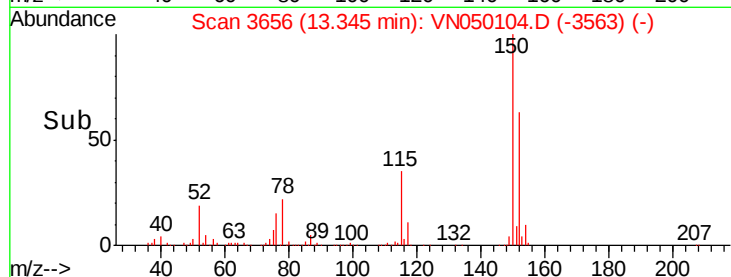
150 157.7 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 5.32 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050104.D

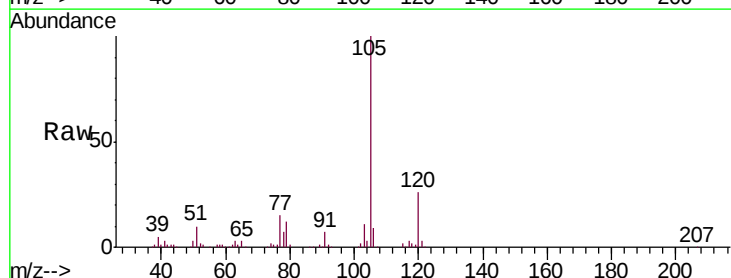
Acq: 27 Jul 2018 1:10

Tgt Ion:105 Resp: 172589

Ion Ratio Lower Upper

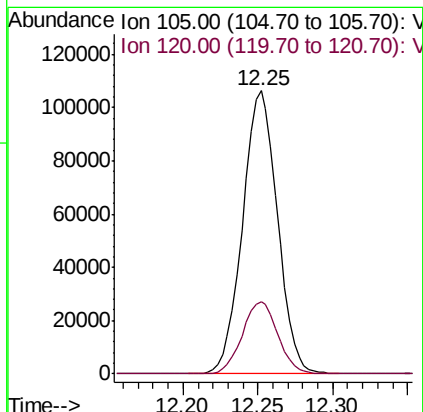
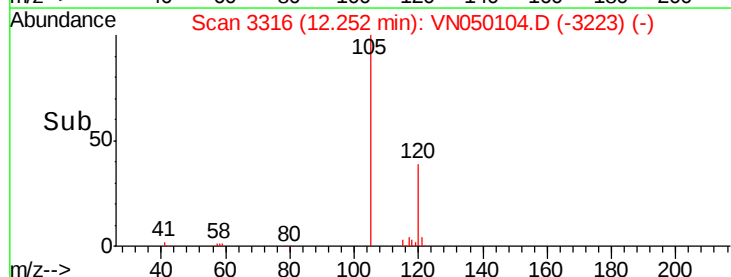
105 100

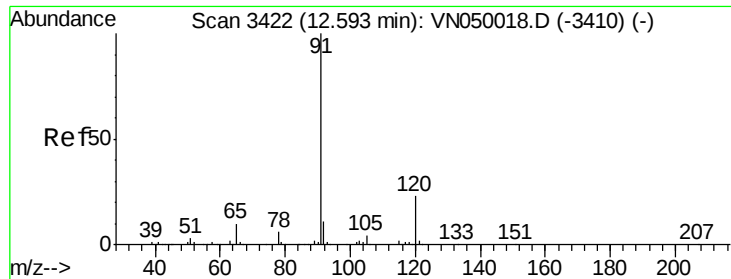
120 26.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

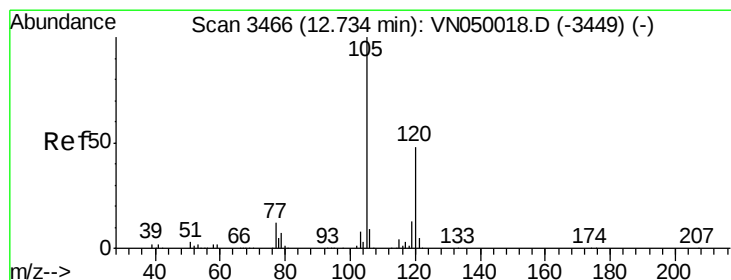
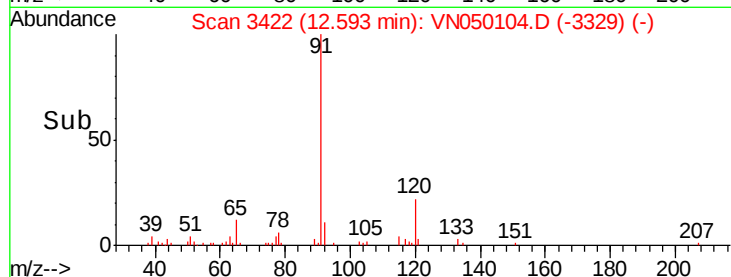
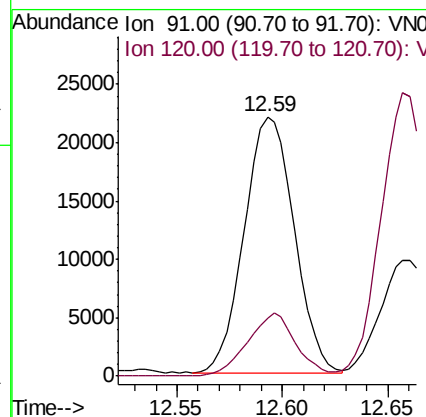
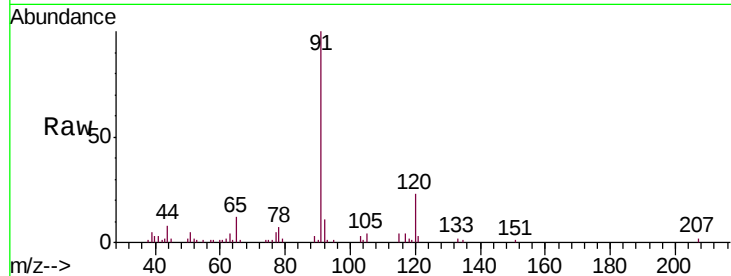




#78
n-propylbenzene
Concen: 0.99 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

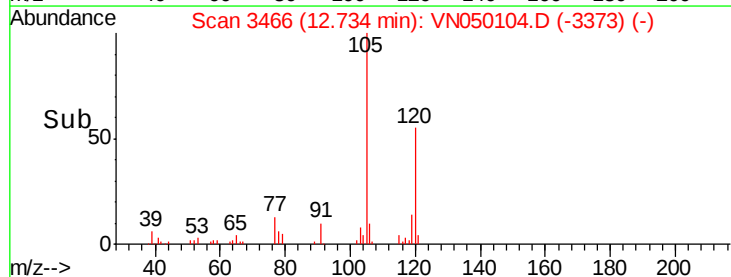
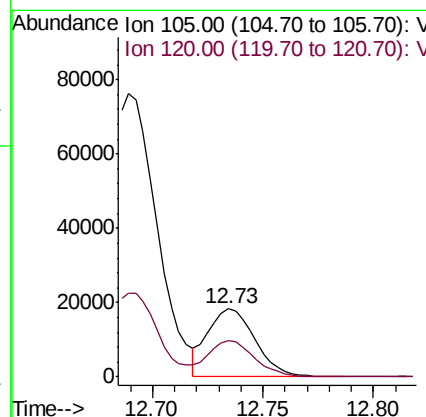
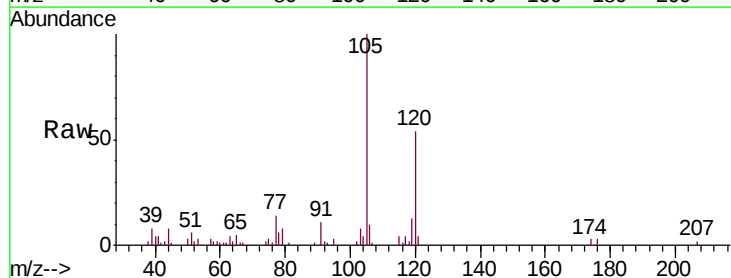
Instrument :
MSVOA_N
ClientSampled :
MW-7BSA

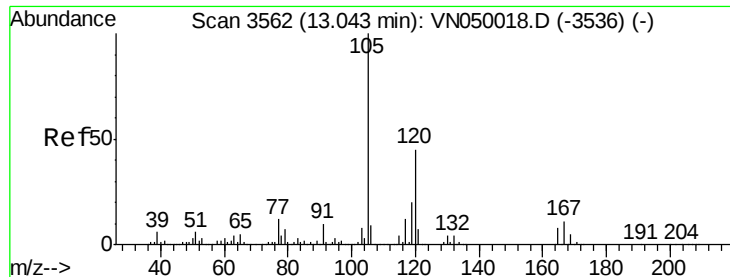
Tot Ion: 91 Resp: 35971
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 1.08 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 105 Resp: 27487
Ion Ratio Lower Upper
105 100
120 53.5 24.4 73.2

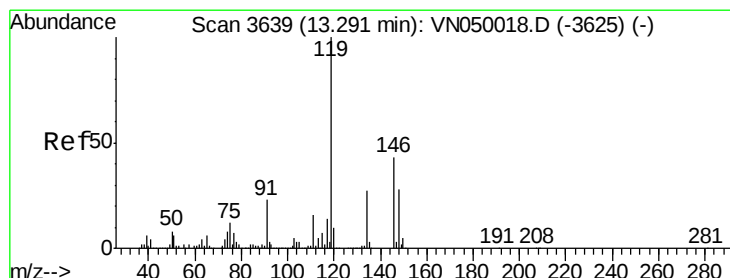
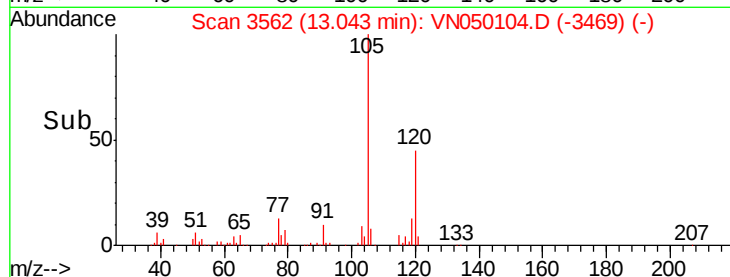
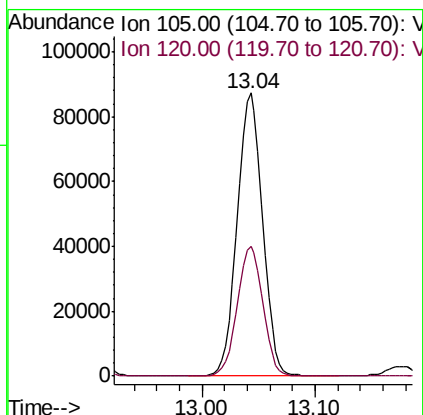
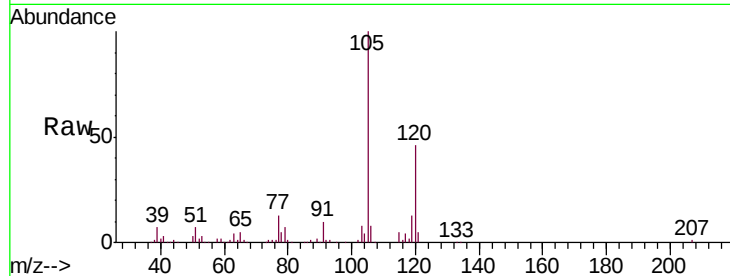




#84
 1,2,4-Trimethylbenzene
 Concen: 5.33 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050104.D
 Acq: 27 Jul 2018 1:10

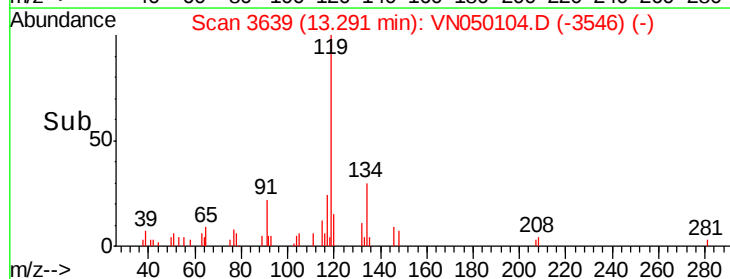
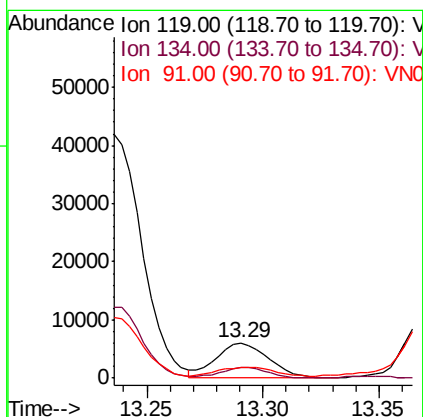
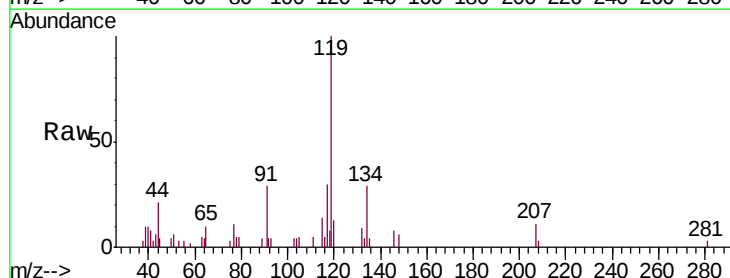
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7BSA

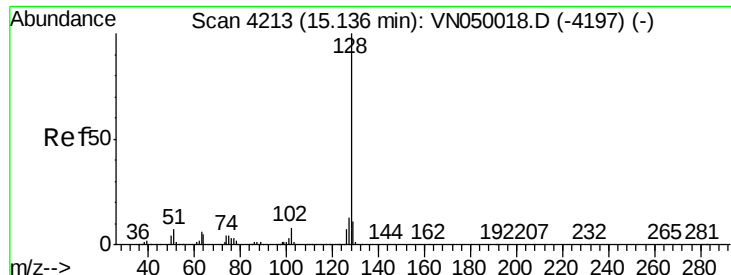
Tot Ion:105 Resp: 136966
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.7



#86
 p-Isopropyltoluene
 Concen: 0.36 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050104.D
 Acq: 27 Jul 2018 1:10

Tgt Ion:119 Resp: 9062
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.3 39.8
 91 26.3 11.4 34.2

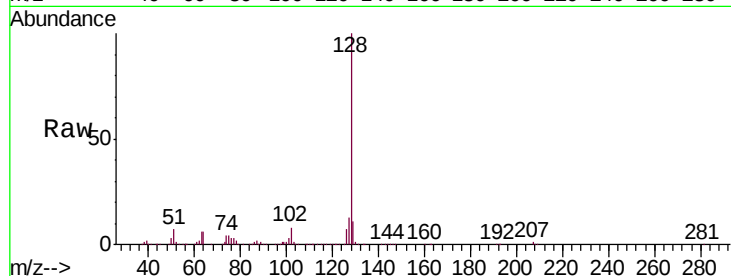




#95
Naphthalene
Concen: 51.25 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

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
800000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

