

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050217.D
 Acq On : 31 Jul 2018 16:07
 Operator : MD\SY
 Sample : J4184-03DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

Quant Time: Jul 31 18:46:19 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	648220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1076179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	891488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	416509	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	453501	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	410189	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
50) Toluene-d8	10.09	98	1450082	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	
62) 4-Bromofluorobenzene	12.40	95	437582	41.14	ug/l	0.00
Spiked Amount			Recovery	=	82.28%	

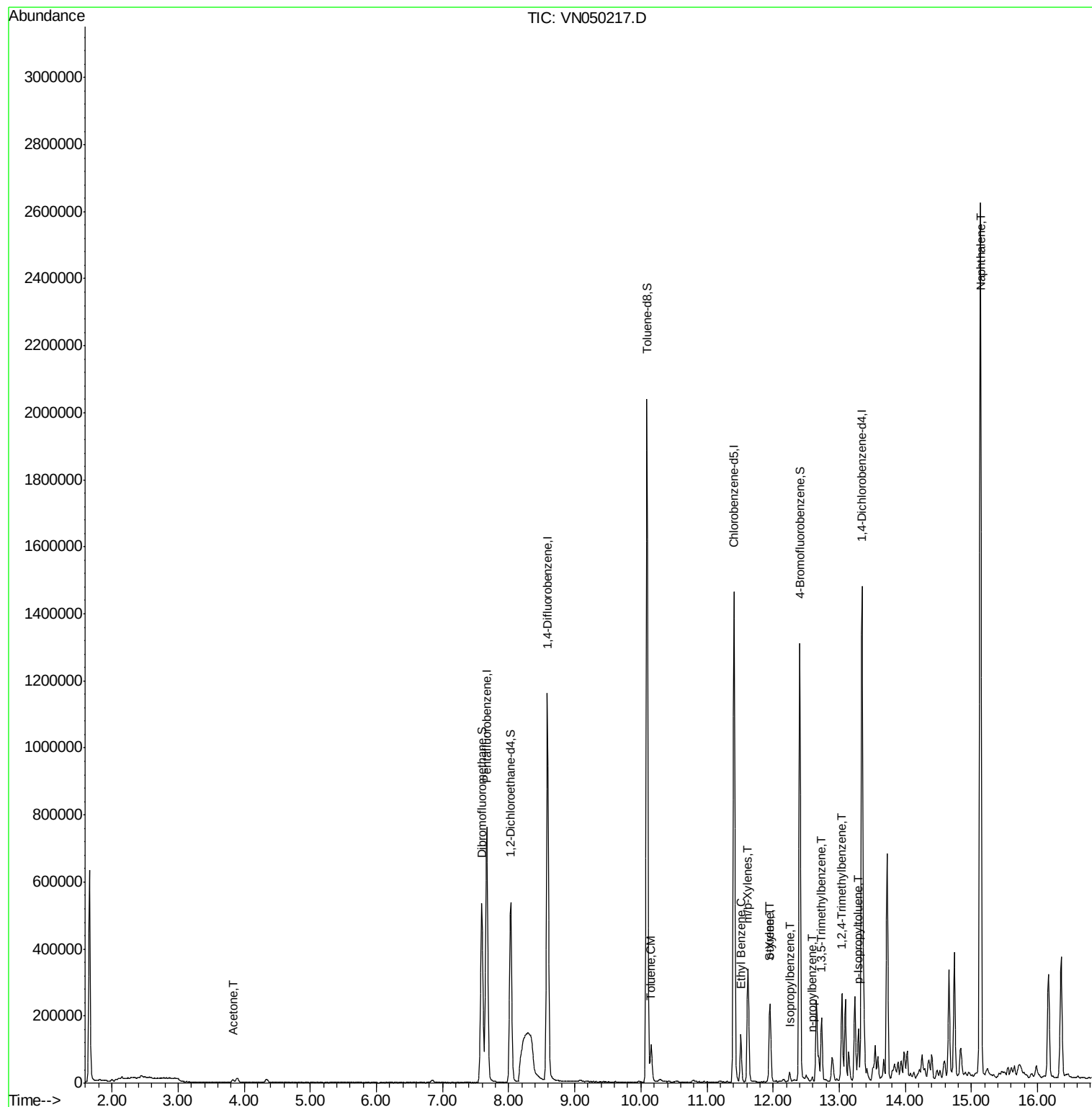
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	15733	3.097	ug/l	94
52) Toluene	10.16	92	44109	2.025	ug/l	99
67) Ethyl Benzene	11.51	91	99877	2.761	ug/l	98
68) m/p-Xylenes	11.62	106	104901	7.667	ug/l	100
69) o-Xylene	11.95	106	58915	4.517	ug/l	99
70) Styrene	11.96	104	34694	2.391	ug/l #	80
73) Isopropylbenzene	12.25	105	16270	0.504	ug/l	98
78) n-propylbenzene	12.59	91	10840	0.300	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	86646	3.410	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	146957	5.738	ug/l	99
86) p-Isopropyltoluene	13.29	119	80138	3.210	ug/l	100
95) Naphthalene	15.14	128	2245295	112.031	ug/l	100

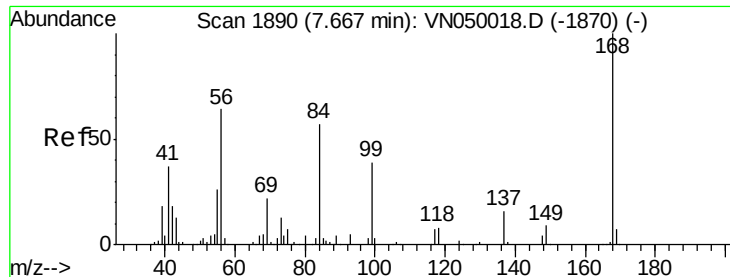
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050217.D

Acq: 31 Jul 2018 16:07

Instrument :

MSVOA_N

ClientSampled :

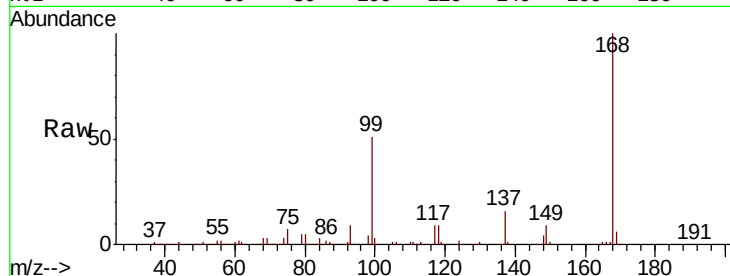
MW-6BDL

Tot Ion:168 Resp: 648220

Ion Ratio Lower Upper

168 100

99 50.5 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

250000

200000

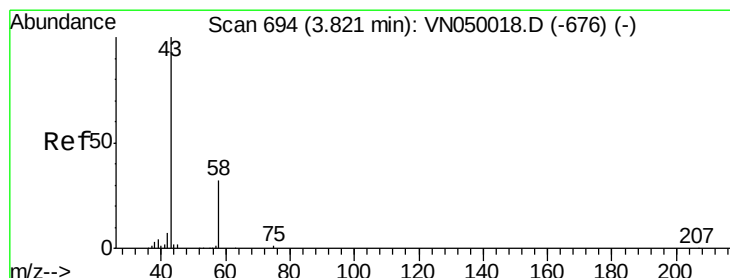
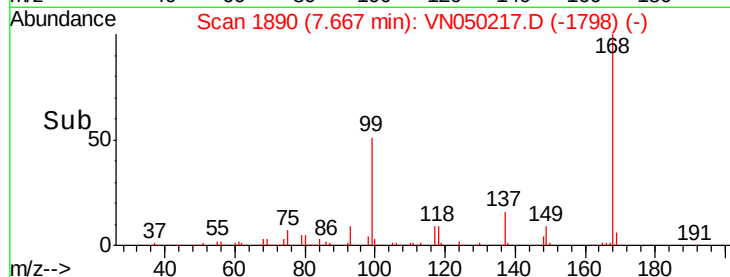
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.097 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050217.D

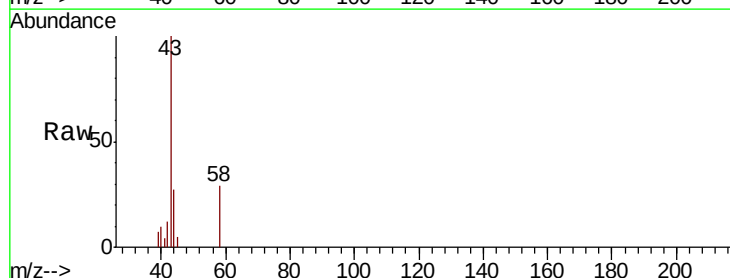
Acq: 31 Jul 2018 16:07

Tgt Ion: 43 Resp: 15733

Ion Ratio Lower Upper

43 100

58 28.9 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

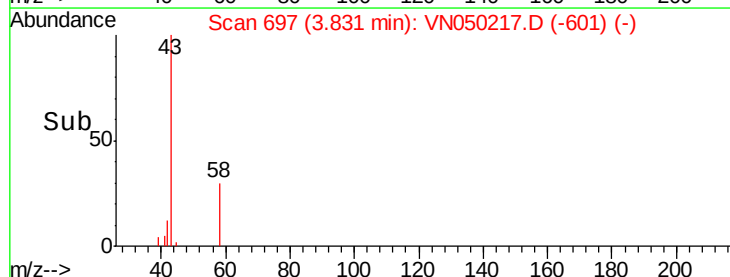
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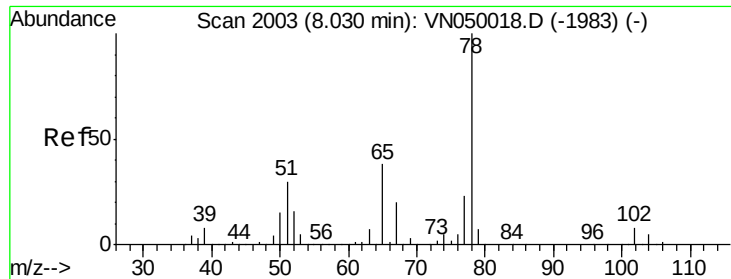
4000

2000

0

Time-->

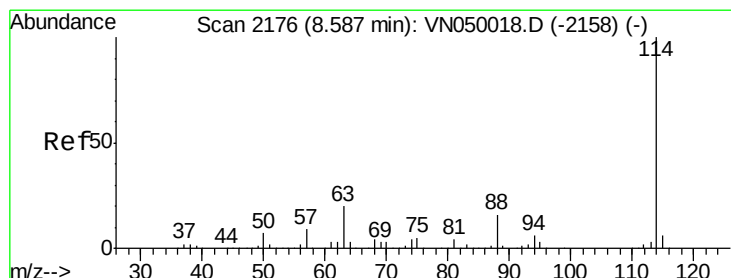
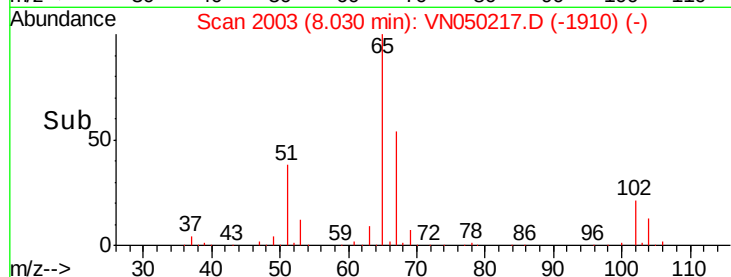
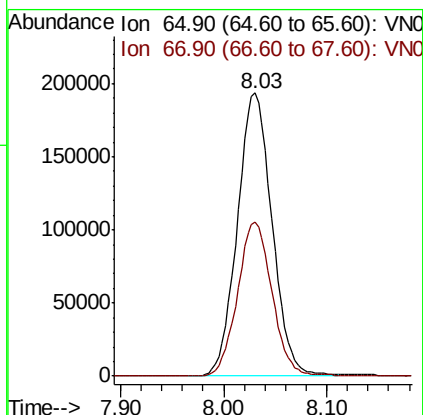
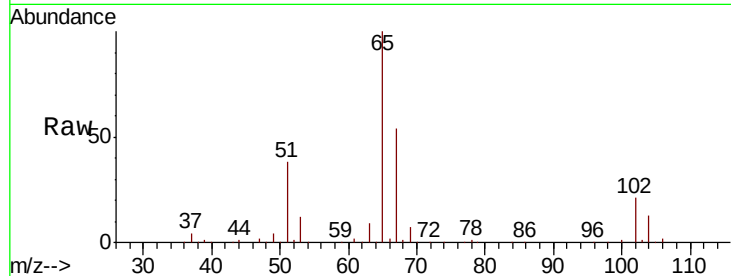




#33
 1,2-Dichloroethane-d4
 Concen: 50.143 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050217.D
 Acq: 31 Jul 2018 16:07

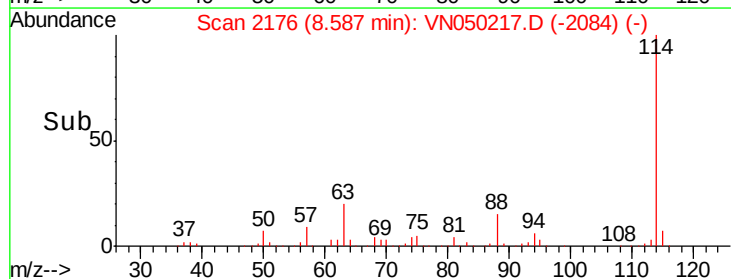
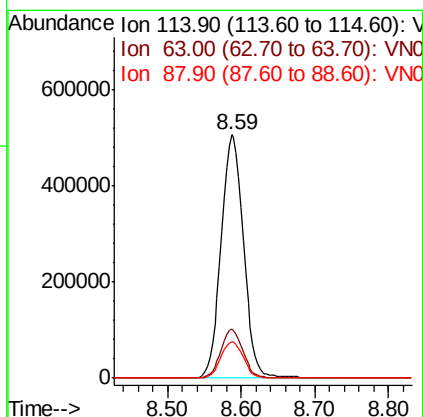
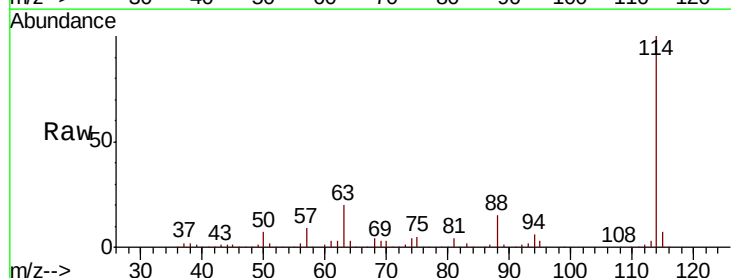
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

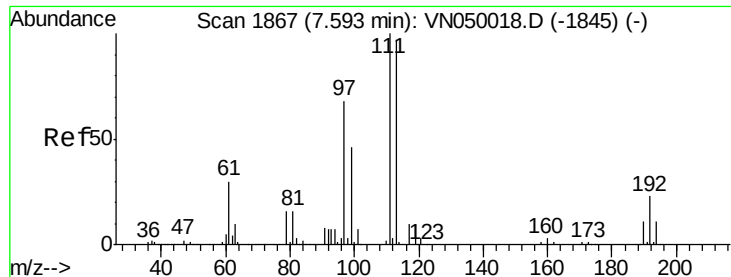
Tot Ion: 65 Resp: 453501
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050217.D
 Acq: 31 Jul 2018 16:07

Tgt Ion: 114 Resp: 1076179
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 14.9 0.0 31.2

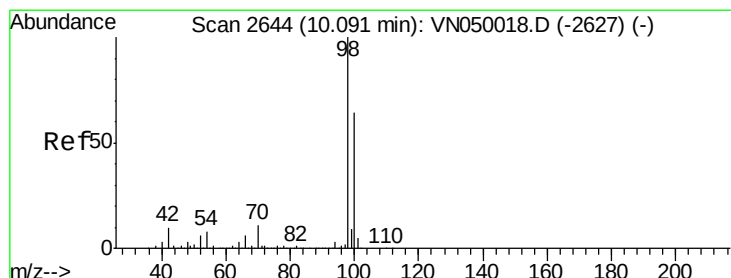
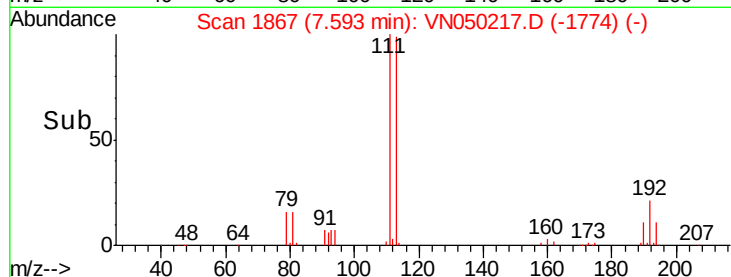
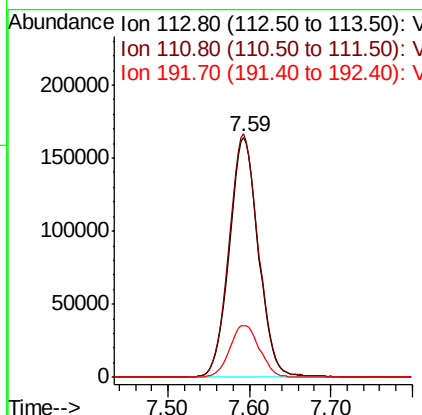
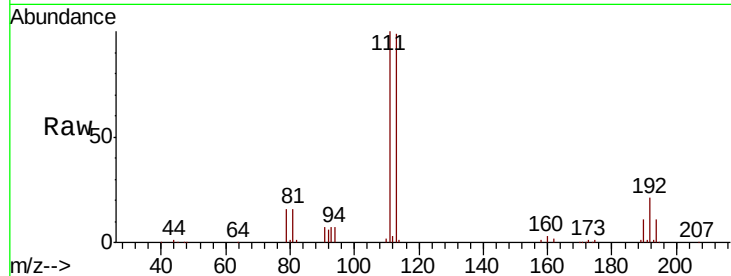




#35
 Dibromofluoromethane
 Concen: 46.683 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050217.D
 Acq: 31 Jul 2018 16:07

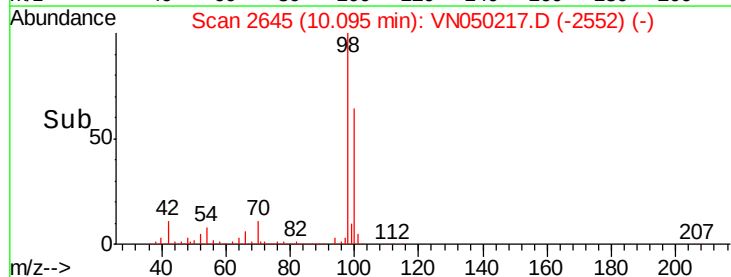
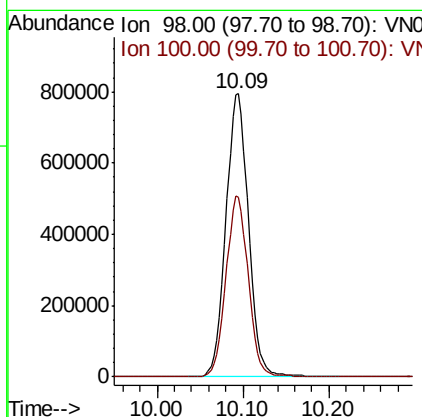
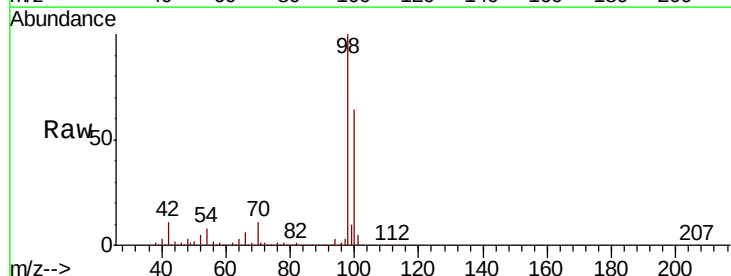
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

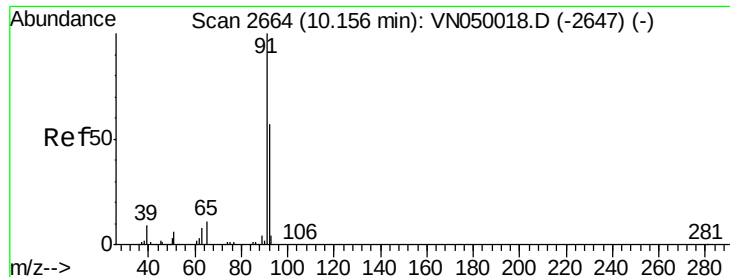
Tot Ion:113 Resp: 410189
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.7 121.1
 192 22.2 17.8 26.6



#50
 Toluene-d8
 Concen: 44.889 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050217.D
 Acq: 31 Jul 2018 16:07

Tgt Ion: 98 Resp: 1450082
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.7 76.1





#52

Toluene

Concen: 2.025 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050217.D

Acq: 31 Jul 2018 16:07

Instrument :

MSVOA_N

ClientSampleId :

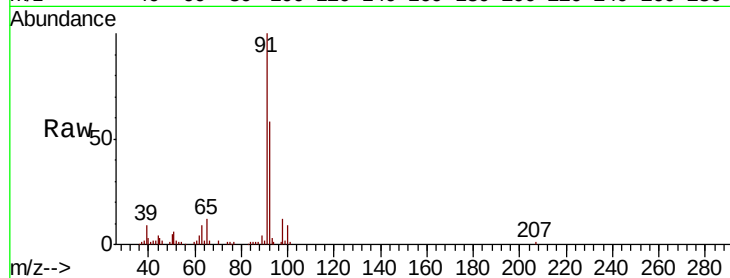
MW-6BDL

Tot Ion: 92 Resp: 44109

Ion Ratio Lower Upper

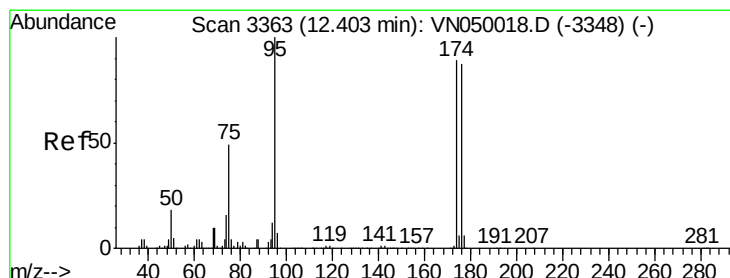
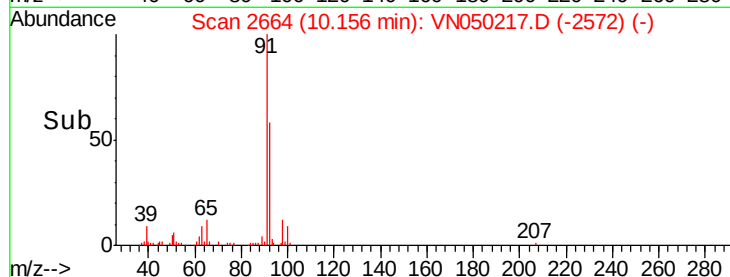
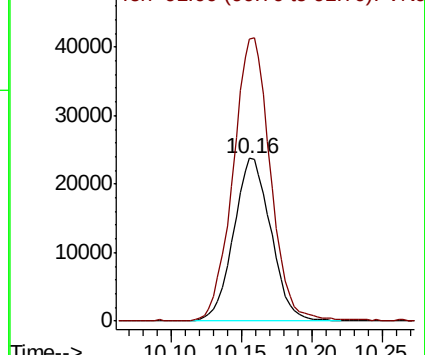
92 100

91 173.8 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 41.139 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050217.D

Acq: 31 Jul 2018 16:07

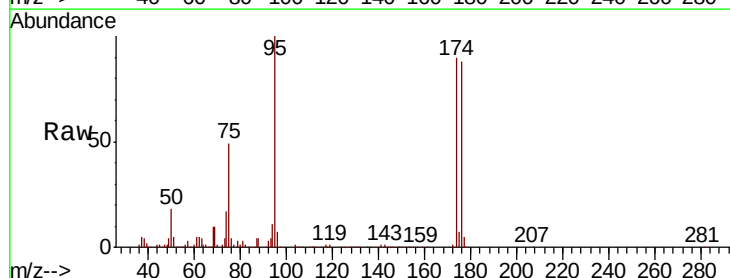
Tgt Ion: 95 Resp: 437582

Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.2

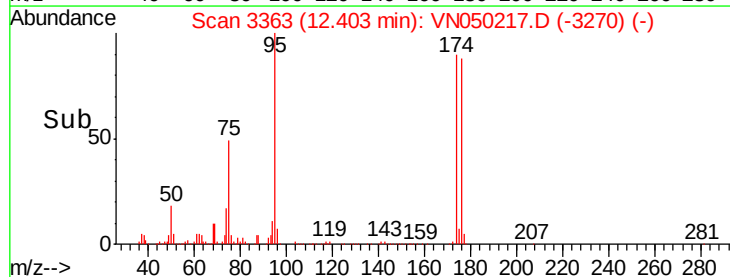
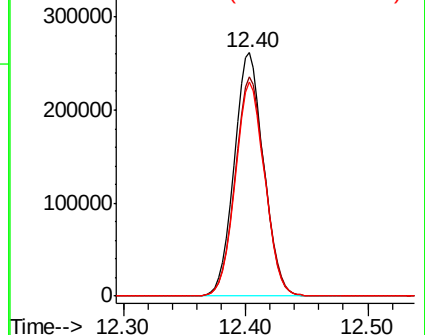
176 87.7 0.0 173.4

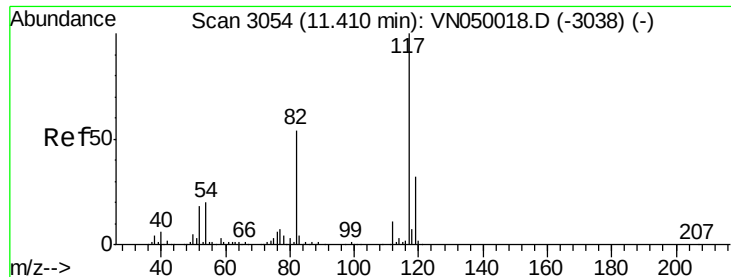


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

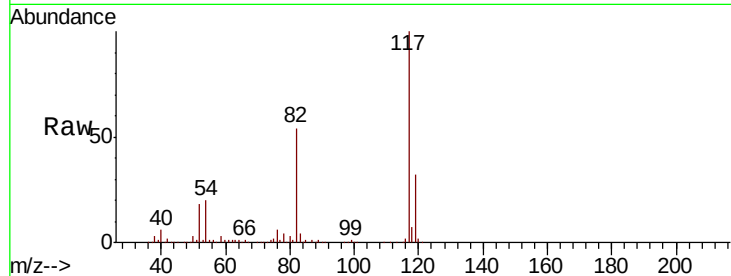




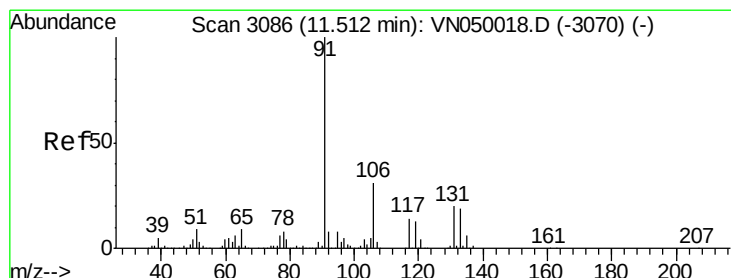
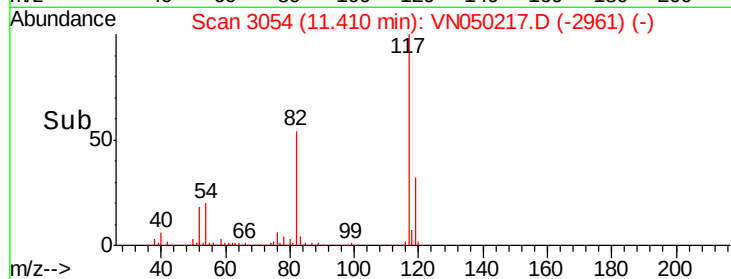
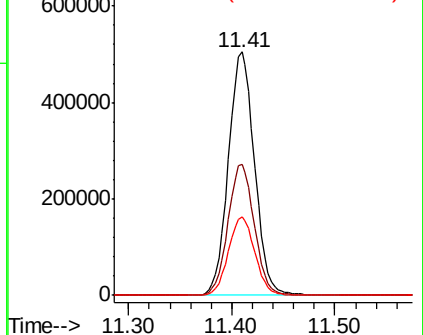
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050217.D
Acq: 31 Jul 2018 16:07

Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

Tot Ion:117 Resp: 891488
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 32.3 26.1 39.1

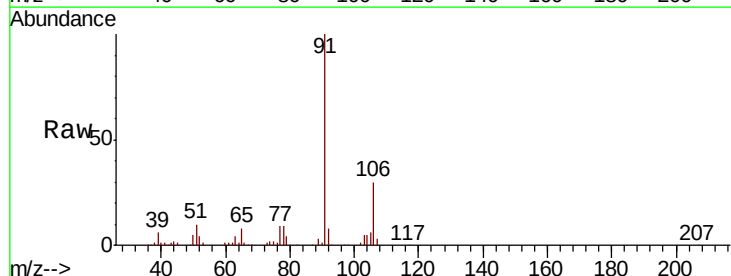


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

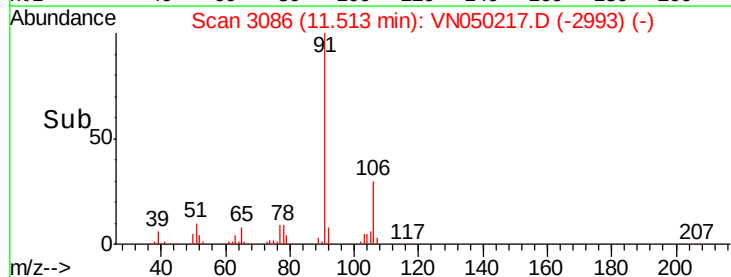
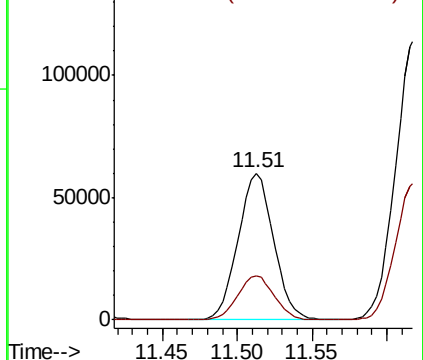


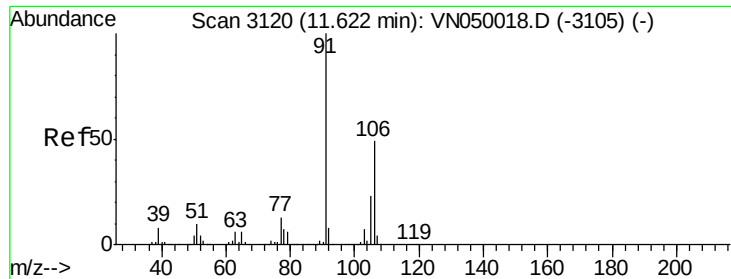
#67
Ethyl Benzene
Concen: 2.761 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050217.D
Acq: 31 Jul 2018 16:07

Tgt Ion: 91 Resp: 99877
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4



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

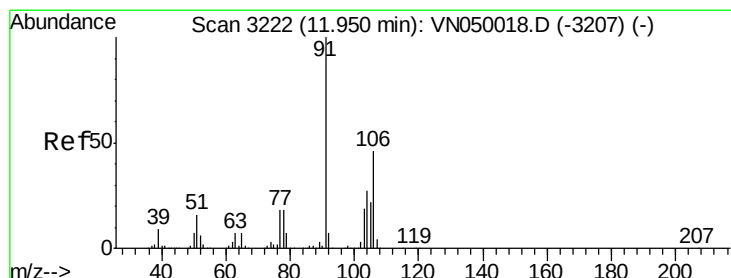
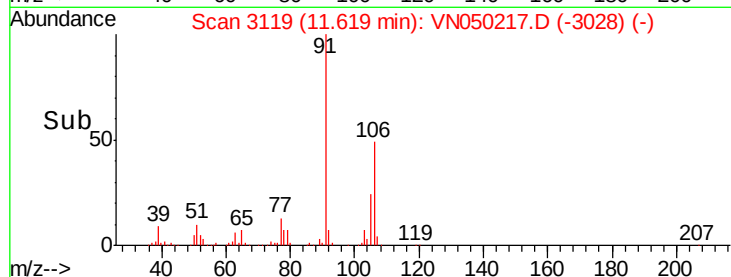
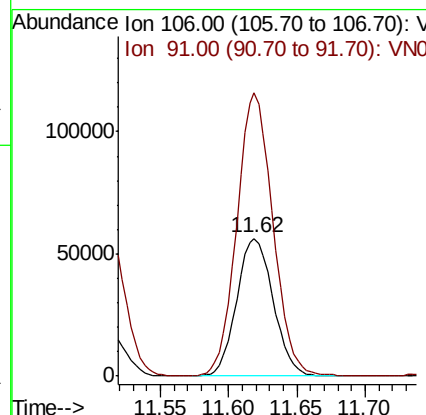
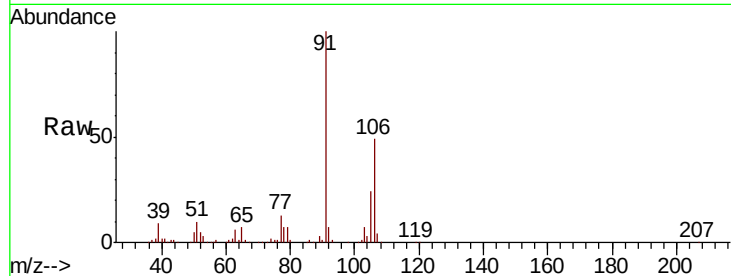




#68
m/p-Xylenes
Concen: 7.667 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050217.D
Acq: 31 Jul 2018 16:07

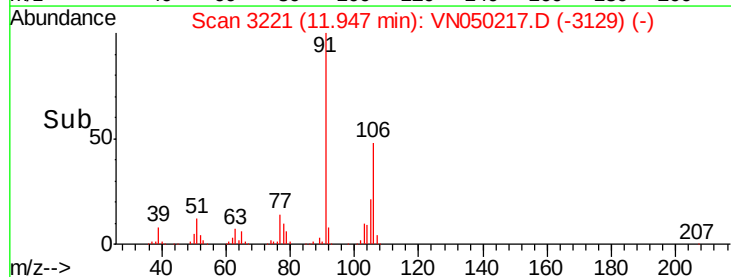
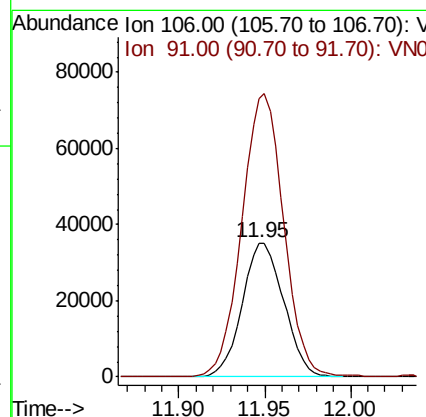
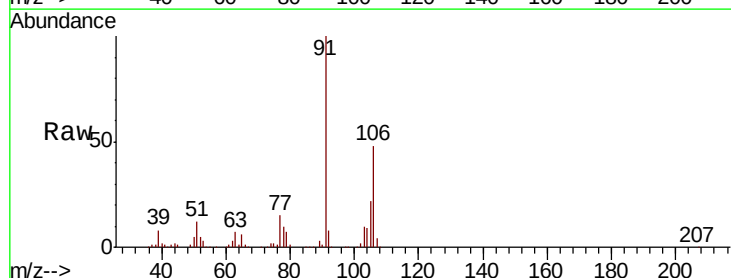
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

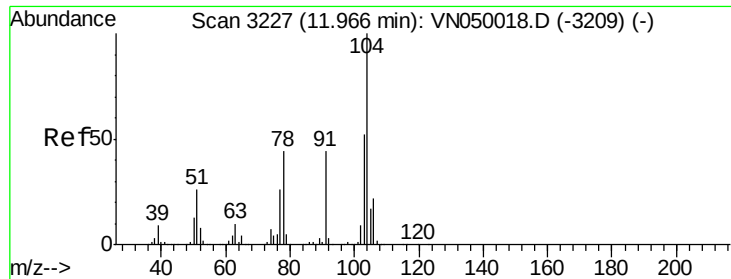
Tot Ion:106 Resp: 104901
Ion Ratio Lower Upper
106 100
91 202.0 162.2 243.2



#69
o-Xylene
Concen: 4.517 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050217.D
Acq: 31 Jul 2018 16:07

Tgt Ion:106 Resp: 58915
Ion Ratio Lower Upper
106 100
91 214.0 107.7 323.1

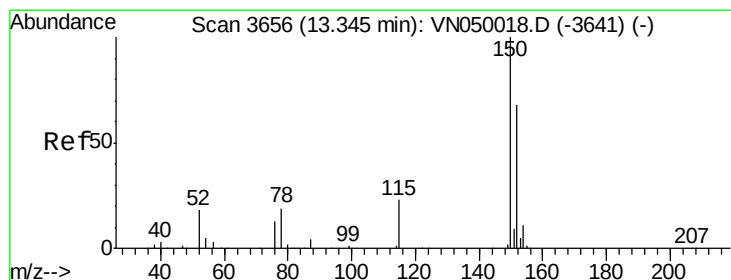
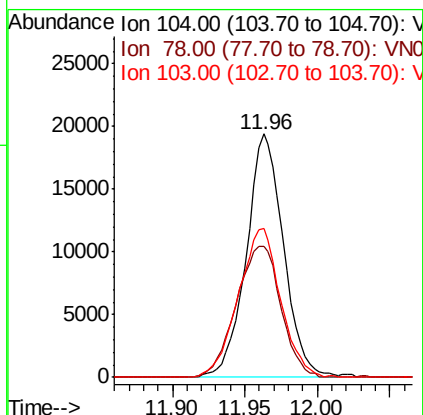
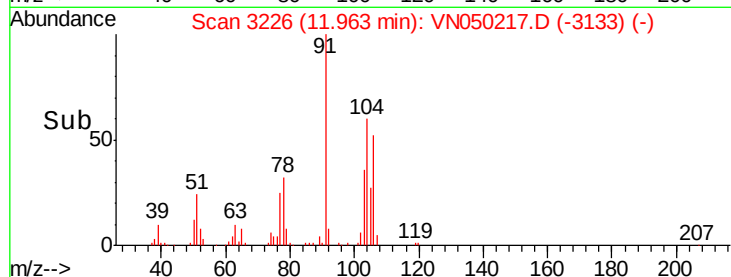
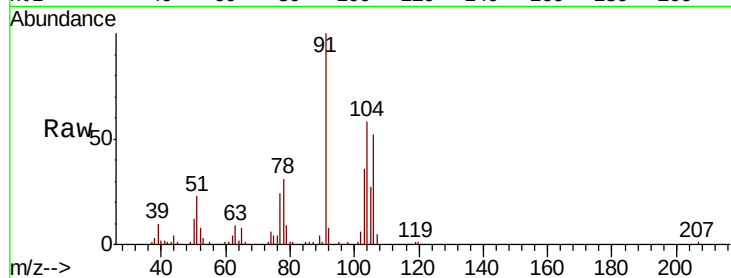




#70
Stvrene
Concen: 2.391 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050217.D
Acq: 31 Jul 2018 16:07

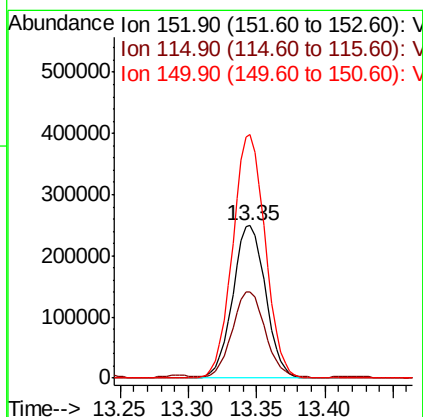
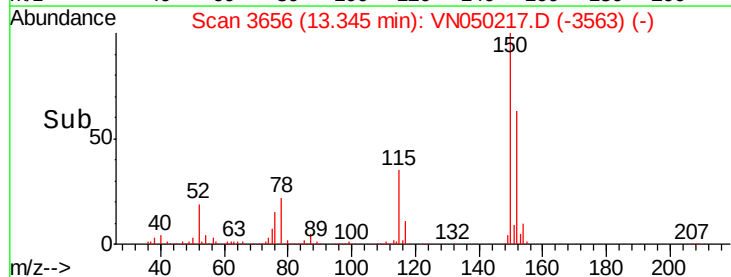
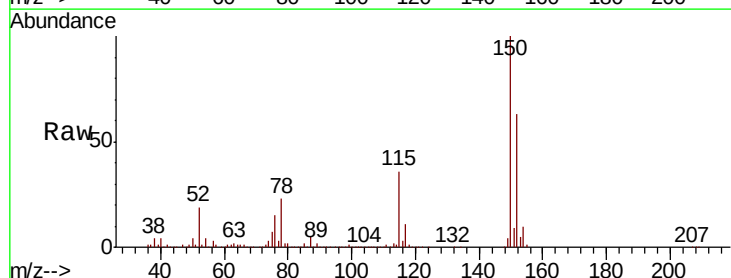
Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

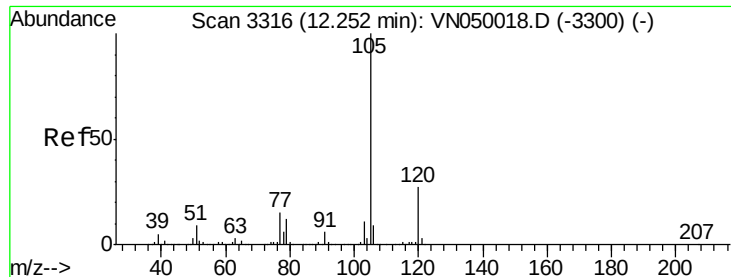
Tot Ion:104 Resp: 34694
Ion Ratio Lower Upper
104 100
78 64.3 39.3 58.9#
103 69.2 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050217.D
Acq: 31 Jul 2018 16:07

Tgt Ion:152 Resp: 416509
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.3
150 158.2 0.0 348.6





#73

Isopropylbenzene

Concen: 0.504 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050217.D

Acq: 31 Jul 2018 16:07

Instrument :

MSVOA_N

ClientSampled :

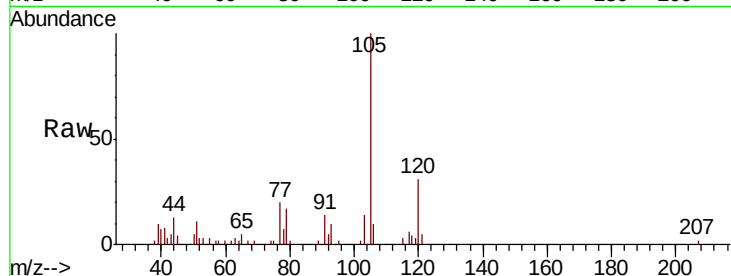
MW-6BDL

Tot Ion:105 Resp: 16270

Ion Ratio Lower Upper

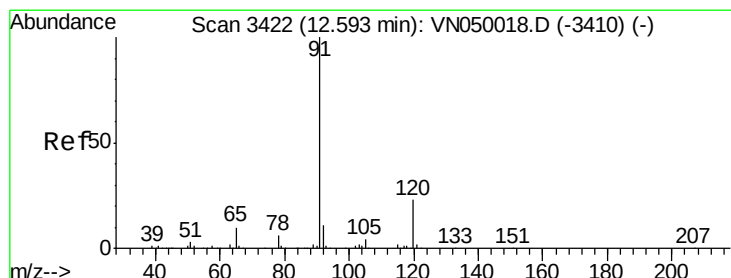
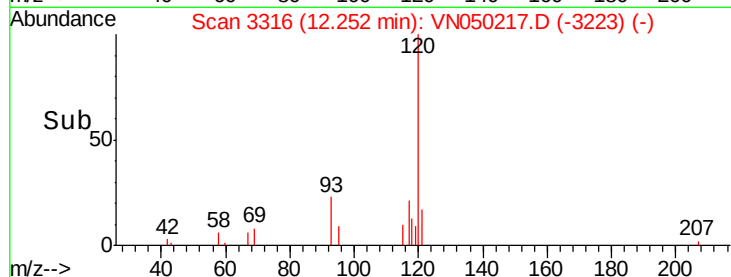
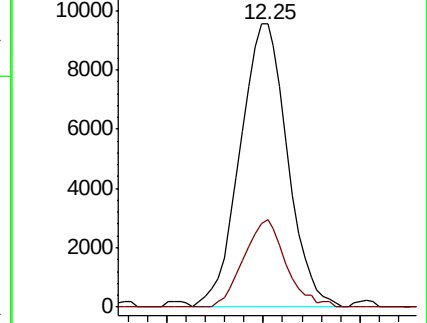
105 100

120 27.5 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: 0.300 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN050217.D

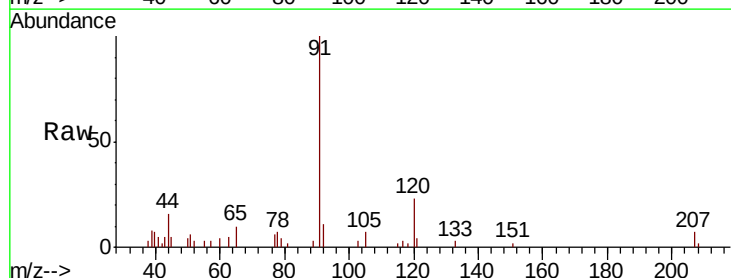
Acq: 31 Jul 2018 16:07

Tgt Ion: 91 Resp: 10840

Ion Ratio Lower Upper

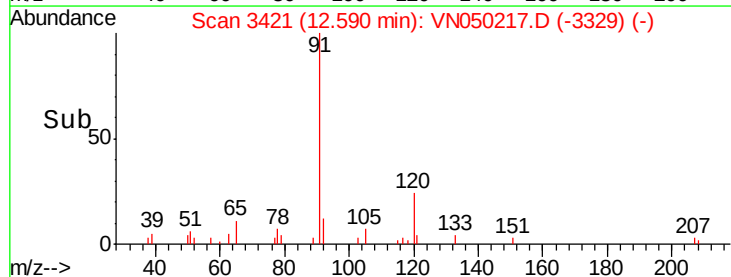
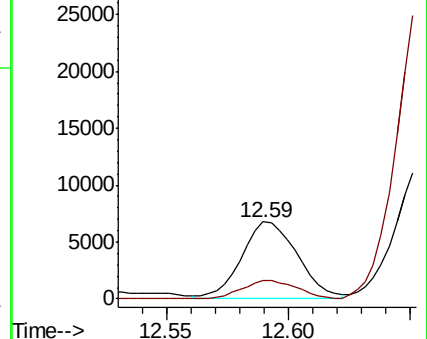
91 100

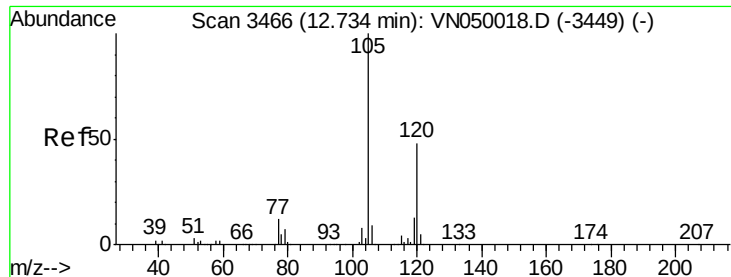
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 3.410 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050217.D

Acq: 31 Jul 2018 16:07

Instrument :

MSVOA_N

ClientSampled :

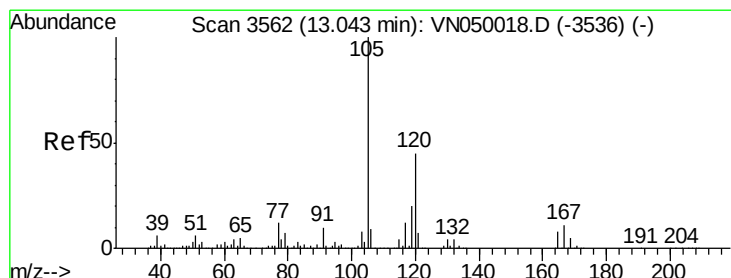
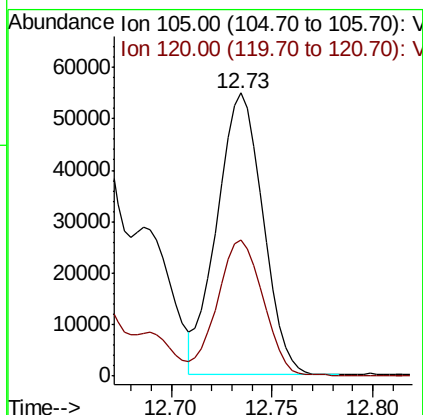
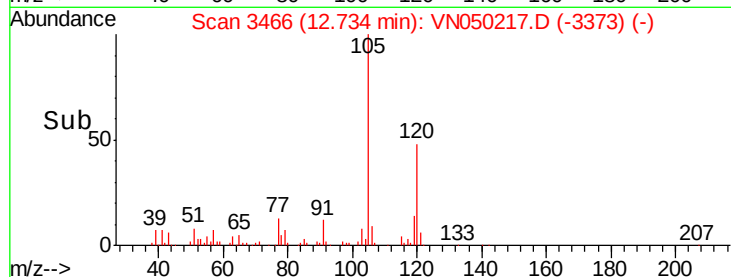
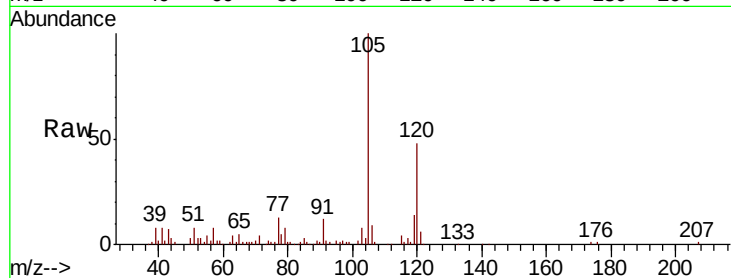
MW-6BDL

Tot Ion:105 Resp: 86646

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.2



#84

1,2,4-Trimethylbenzene

Concen: 5.738 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050217.D

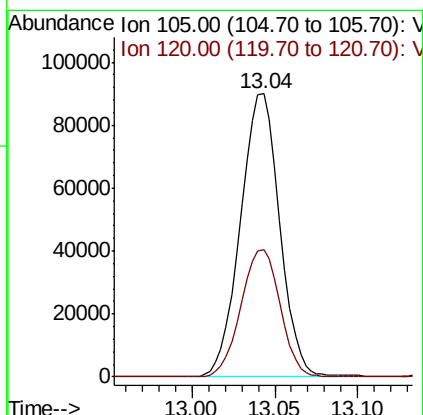
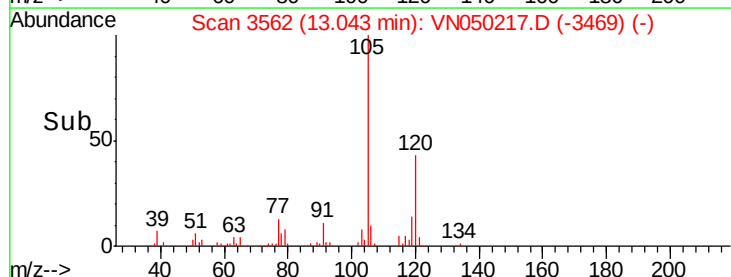
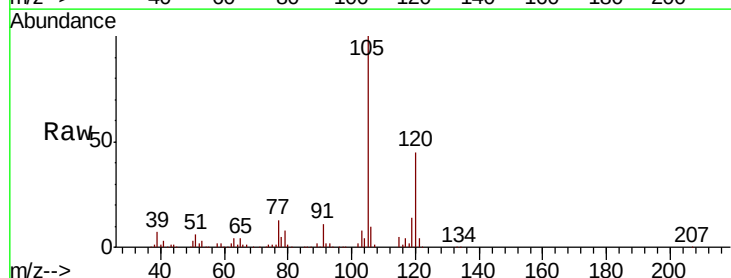
Acq: 31 Jul 2018 16:07

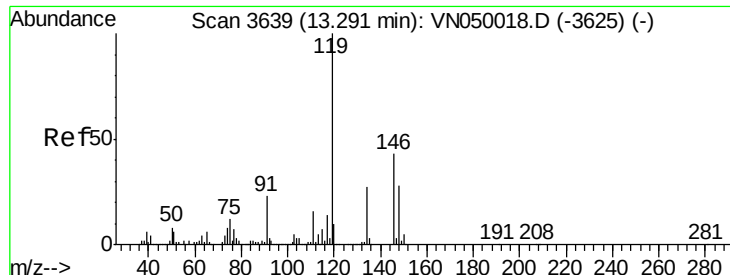
Tgt Ion:105 Resp: 146957

Ion Ratio Lower Upper

105 100

120 45.3 22.9 68.7

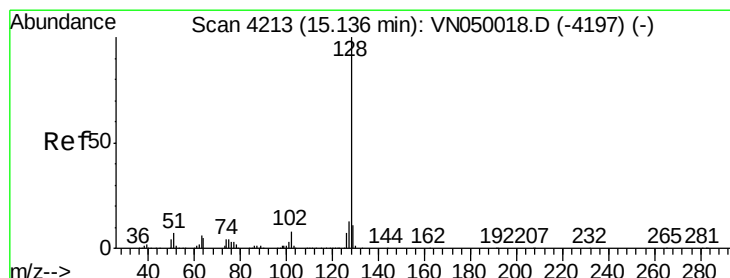
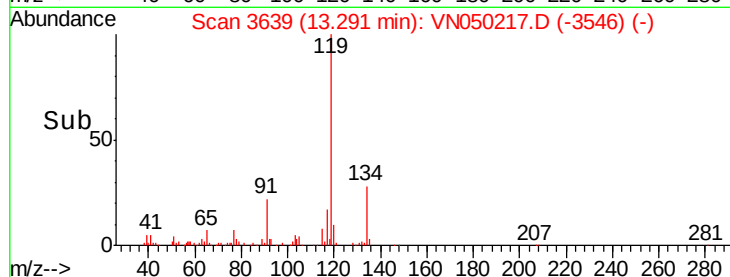
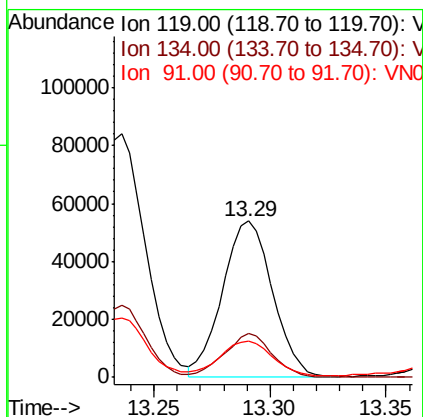
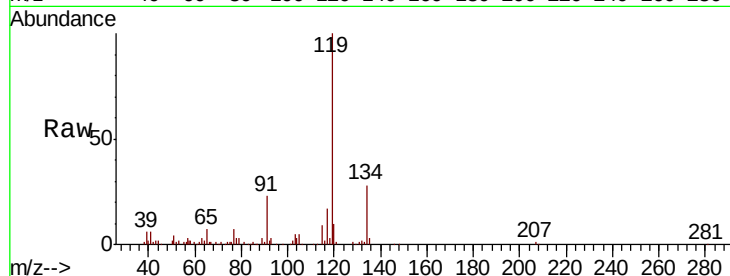




#86
 p-Isopropyltoluene
 Concen: 3.210 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050217.D
 Acq: 31 Jul 2018 16:07

Instrument :
 MSVOA_N
 ClientSampled :
 MW-6BDL

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.3	39.8
91	22.7	11.4	34.2



#95
 Naphthalene
 Concen: 112.031 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050217.D
 Acq: 31 Jul 2018 16:07

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.8	13.2

