

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050219.D
 Acq On : 31 Jul 2018 16:56
 Operator : MD\SY
 Sample : J4184-03DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

Quant Time: Aug 01 09:15:44 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	681614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1101256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	913333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404991	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	463910	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	7.59	113	417701	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
50) Toluene-d8	10.09	98	1499142	45.35	ug/l	0.00
Spiked Amount			Recovery	=	90.70%	
62) 4-Bromofluorobenzene	12.40	95	448961	41.25	ug/l	0.00
Spiked Amount			Recovery	=	82.50%	

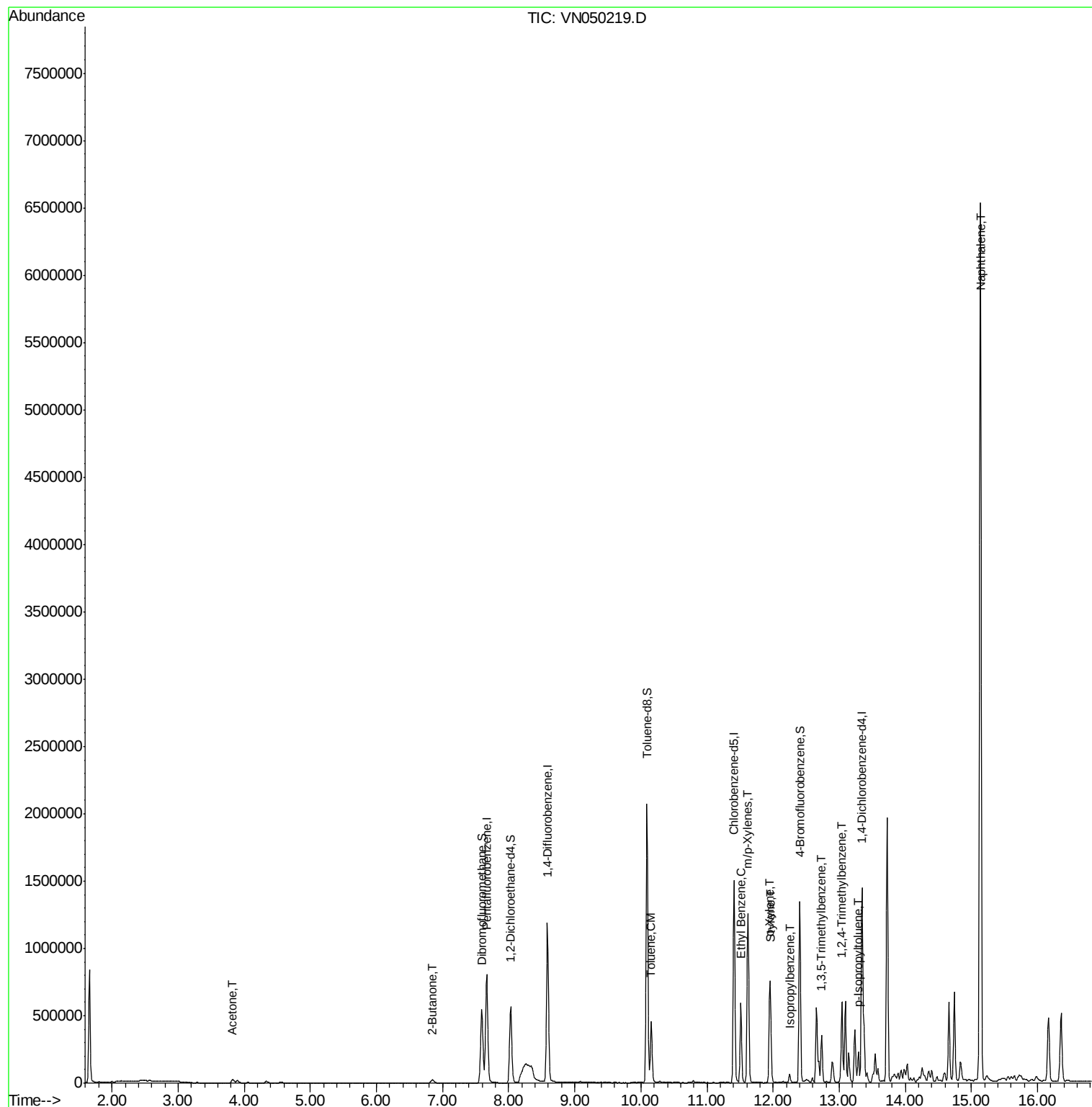
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	45864	16.417	ug/l	96
25) 2-Butanone	6.85	43	41932	11.560	ug/l	100
52) Toluene	10.16	92	199840	8.967	ug/l	100
67) Ethyl Benzene	11.51	91	420431	11.345	ug/l	100
68) m/p-Xylenes	11.62	106	404384	28.848	ug/l	98
69) o-Xylene	11.95	106	187287	14.015	ug/l	99
70) Styrene	11.97	104	139273	6.675	ug/l	88
73) Isopropylbenzene	12.25	105	40104	1.277	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	184261	7.458	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	345032	13.855	ug/l	99
86) p-Isopropyltoluene	13.29	119	124985	5.149	ug/l	100
95) Naphthalene	15.14	128	5667951	283.804	ug/l	100

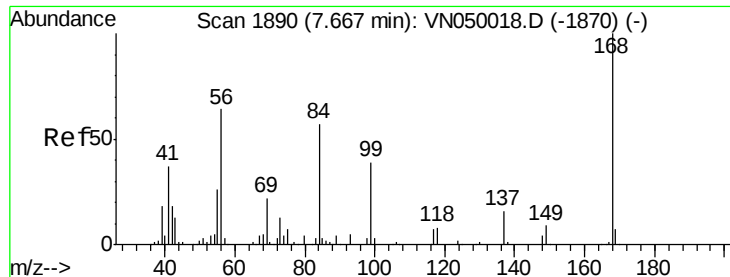
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

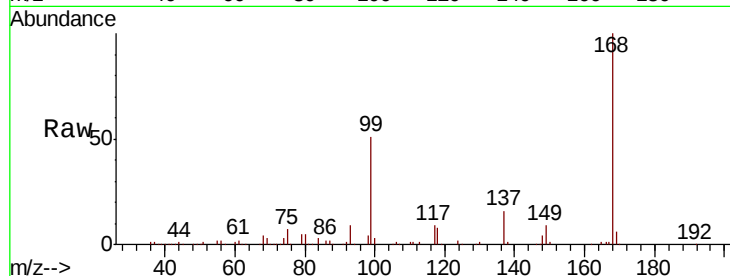
MW-6BDL

Tot Ion:168 Resp: 681614

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): VN0

7.67

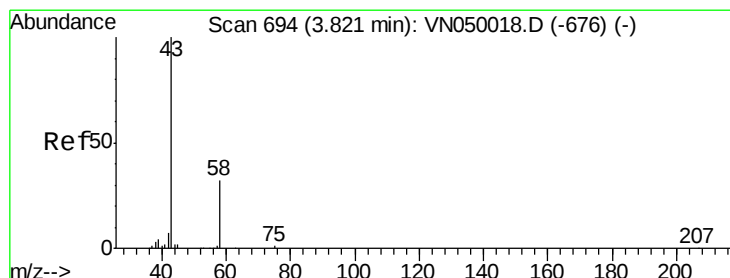
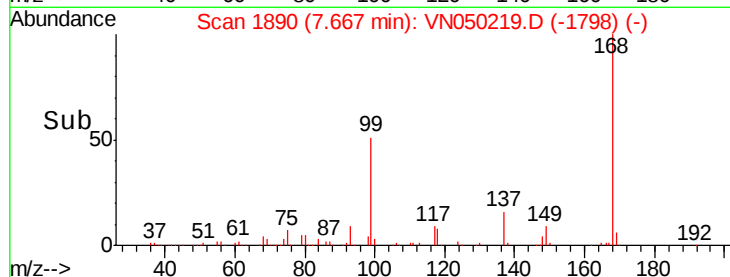
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 16.417 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050219.D

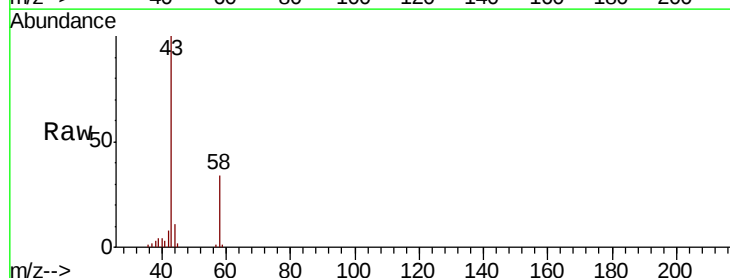
Acq: 31 Jul 2018 16:56

Tgt Ion: 43 Resp: 45864

Ion Ratio Lower Upper

43 100

58 34.5 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

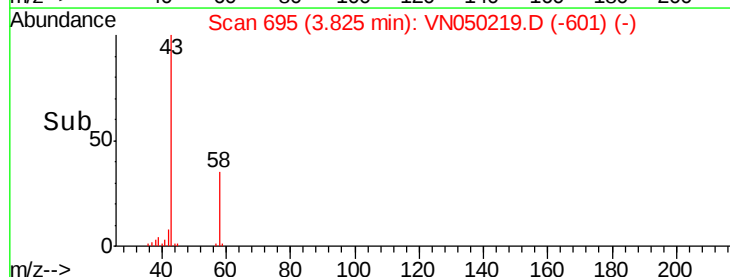
15000

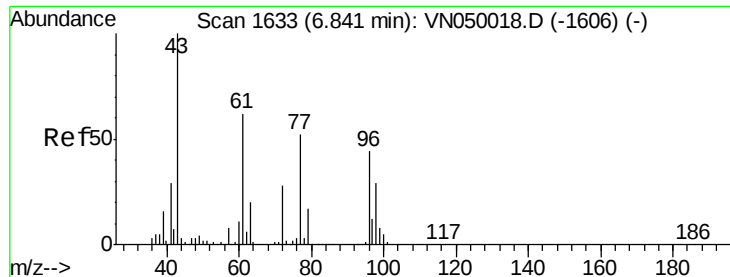
10000

5000

0

Time-->

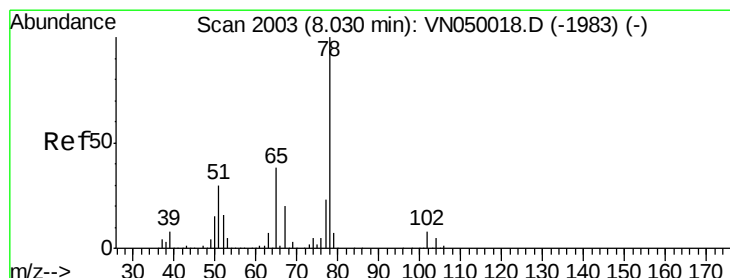
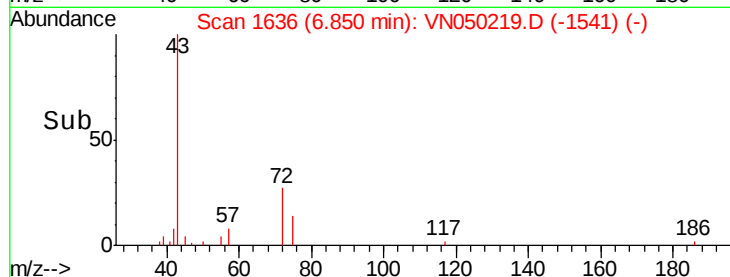
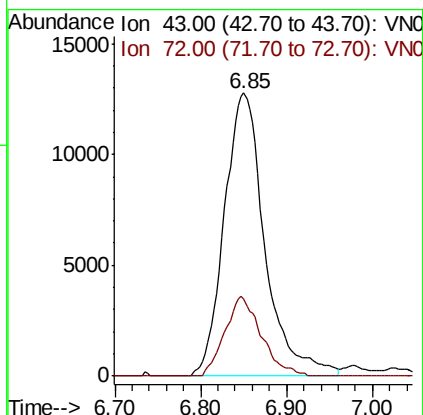
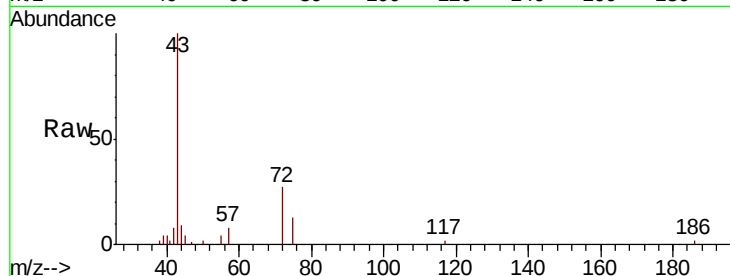




#25
2-Butanone
Concen: 11.560 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

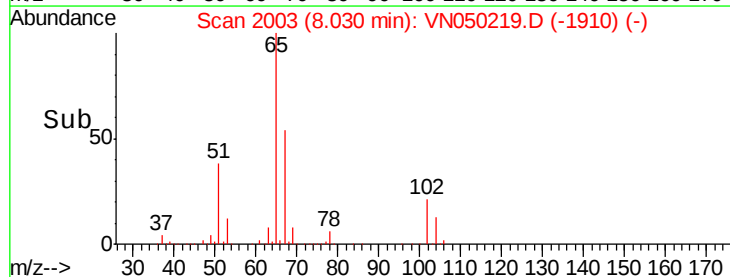
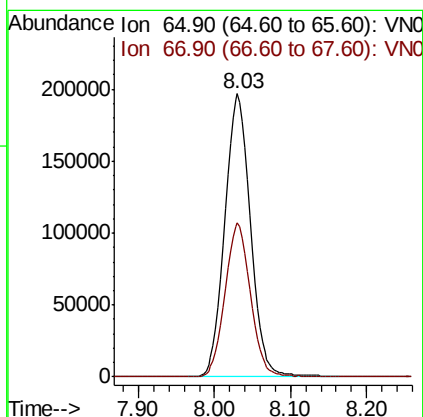
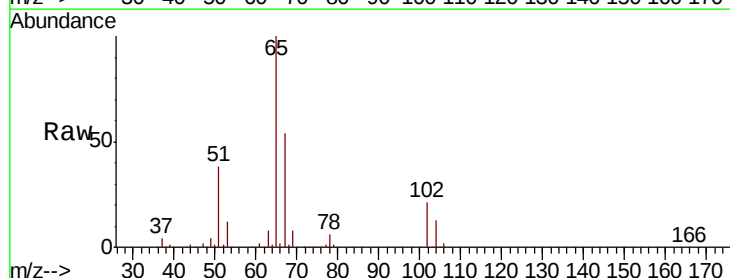
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

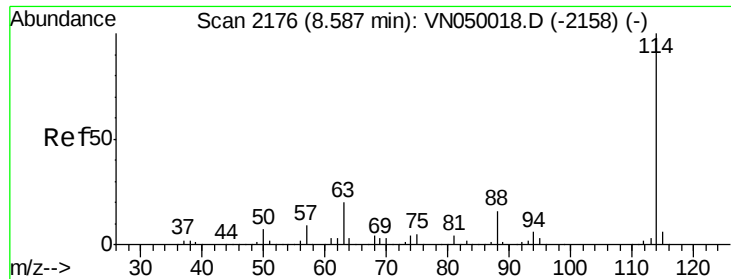
Tot Ion: 43 Resp: 41932
Ion Ratio Lower Upper
43 100
72 27.1 21.5 32.3



#33
1,2-Dichloroethane-d4
Concen: 48.781 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

Tgt Ion: 65 Resp: 463910
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.4

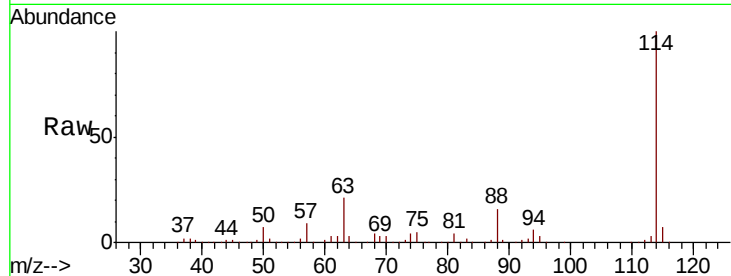




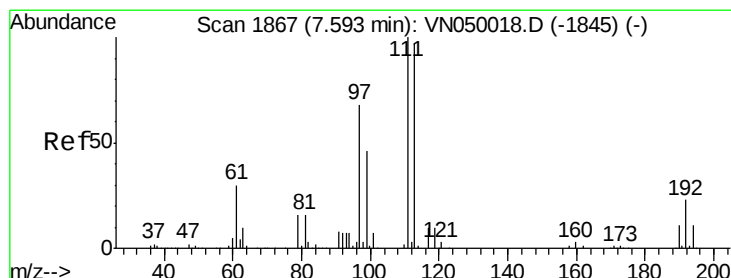
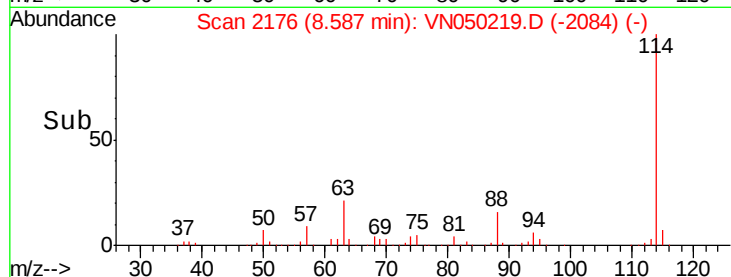
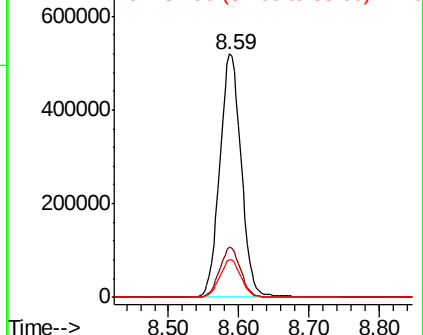
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

Tot Ion:114 Resp: 1101256
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 15.5 0.0 31.2

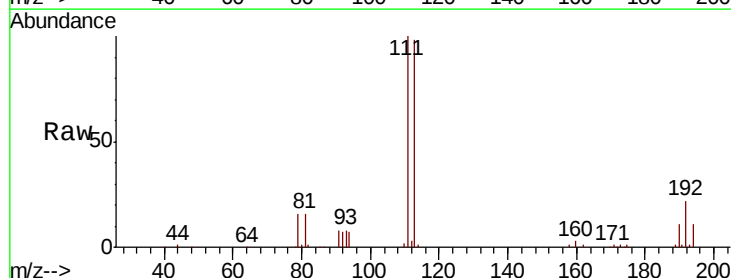


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

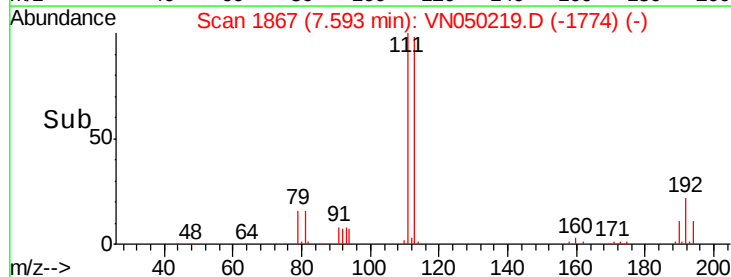
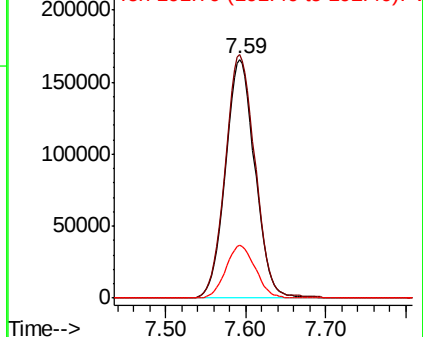


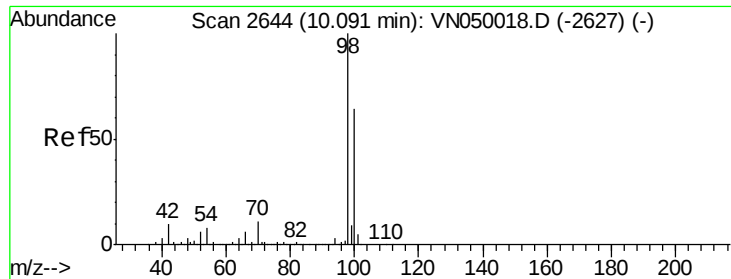
#35
 Dibromofluoromethane
 Concen: 46.455 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

Tgt Ion:113 Resp: 417701
 Ion Ratio Lower Upper
 113 100
 111 103.4 80.7 121.1
 192 22.2 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

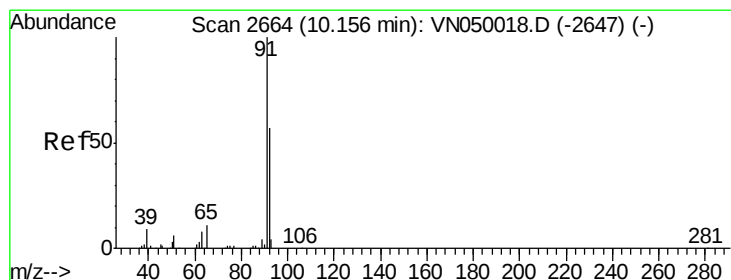
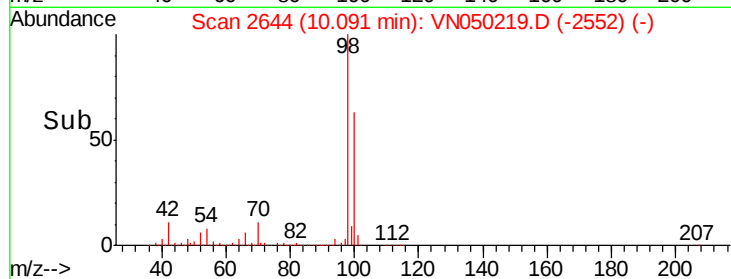
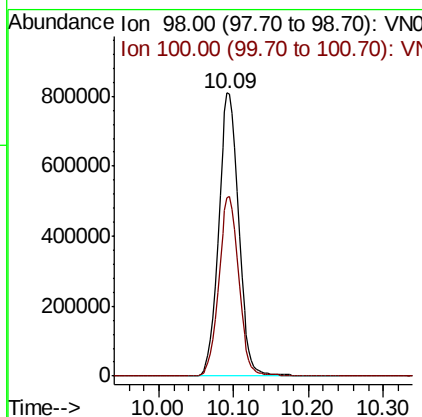
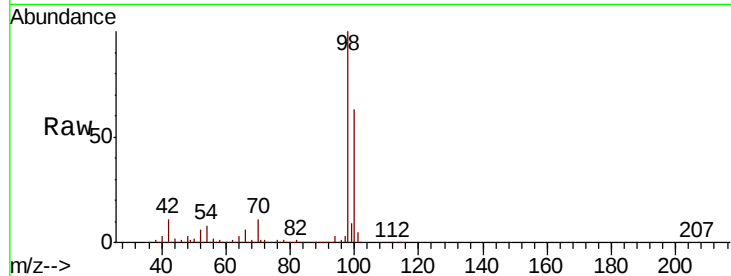




#50
Toluene-d8
Concen: 45.351 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

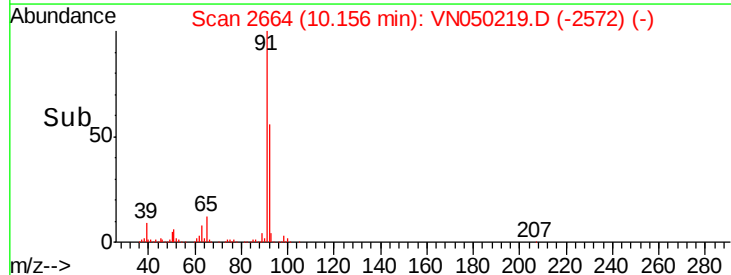
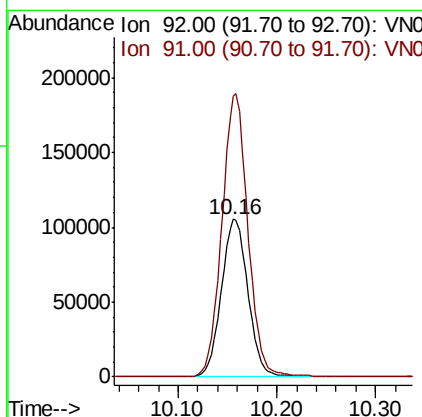
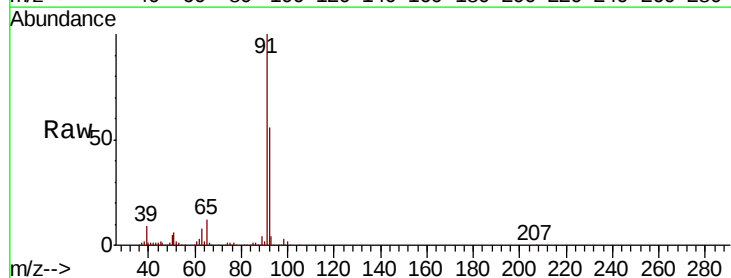
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

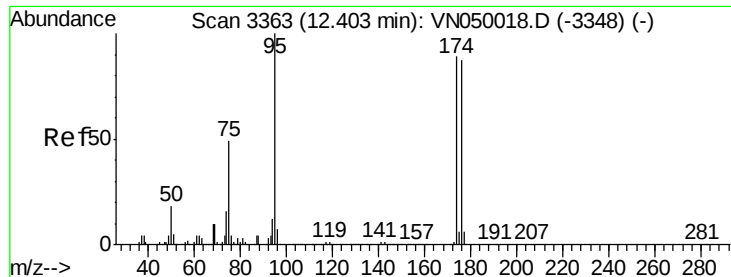
Tot Ion: 98 Resp: 1499142
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#52
Toluene
Concen: 8.967 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

Tgt Ion: 92 Resp: 199840
Ion Ratio Lower Upper
92 100
91 175.1 140.3 210.5





#62

4-Bromofluorobenzene

Concen: 41.247 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

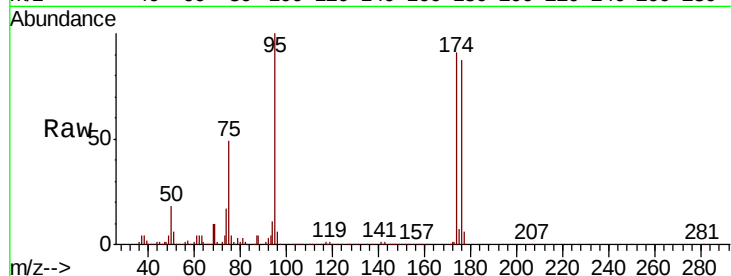
Tot Ion: 95 Resp: 448961

Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.2

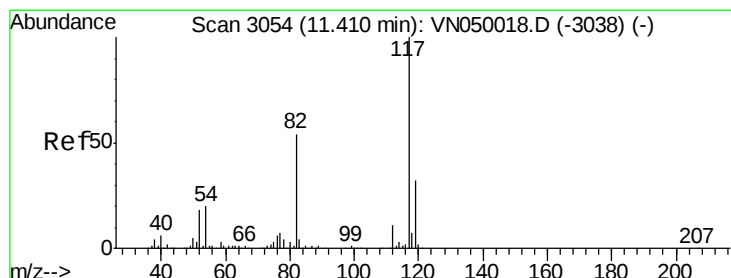
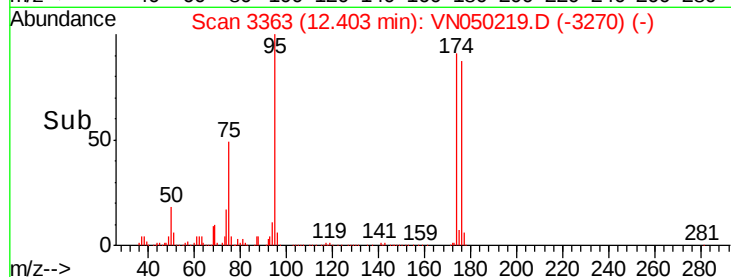
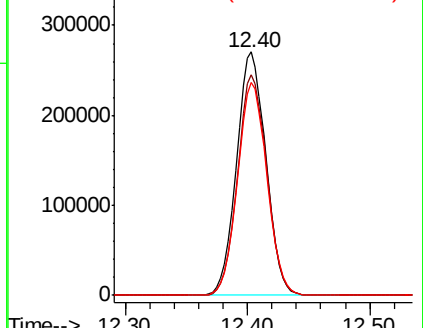
176 87.2 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

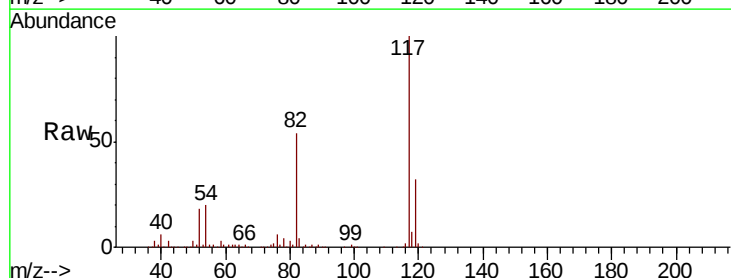
Tgt Ion: 117 Resp: 913333

Ion Ratio Lower Upper

117 100

82 54.1 43.7 65.5

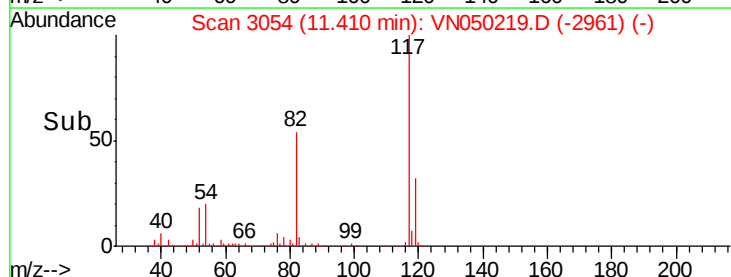
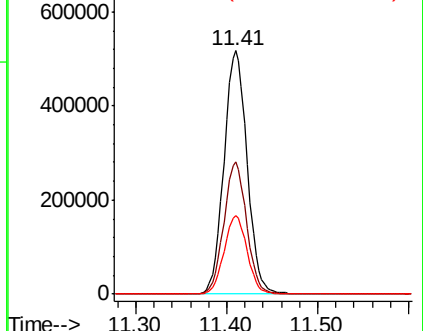
119 32.5 26.1 39.1

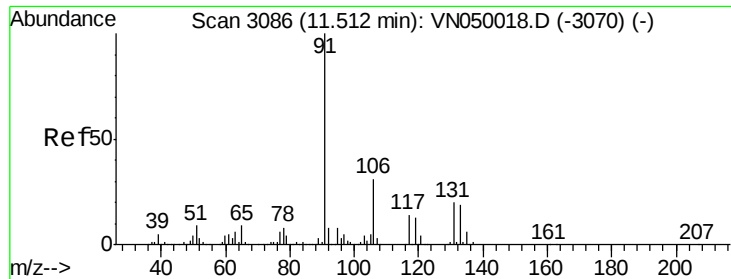


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#67

Ethyl Benzene

Concen: 11.345 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampled :

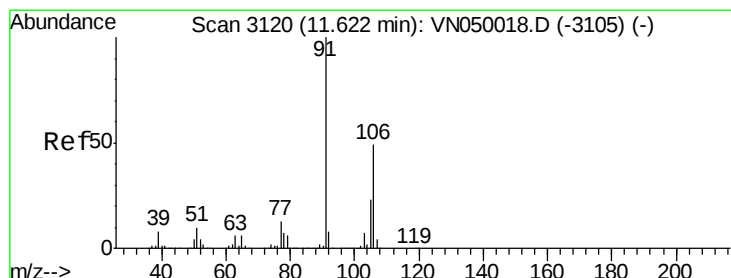
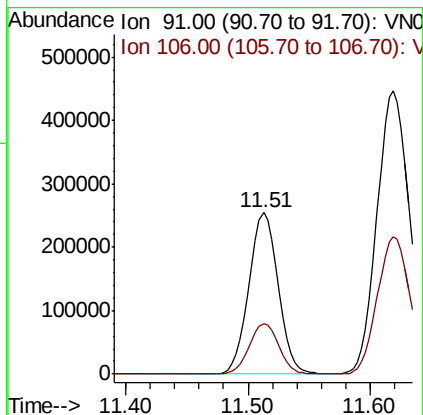
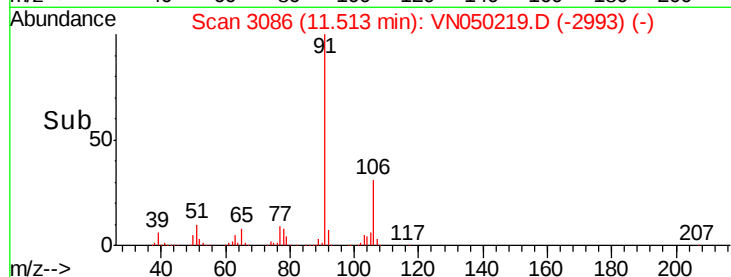
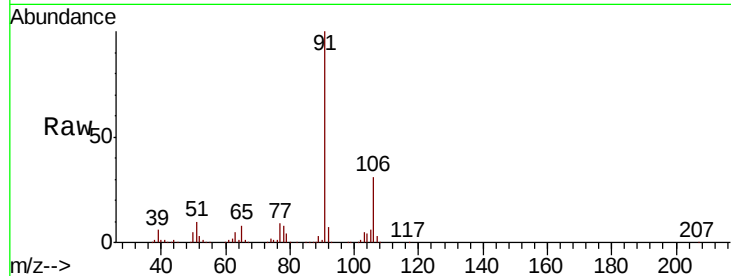
MW-6BDL

Tot Ion: 91 Resp: 420431

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



#68

m/p-Xylenes

Concen: 28.848 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.01 min

Lab File: VN050219.D

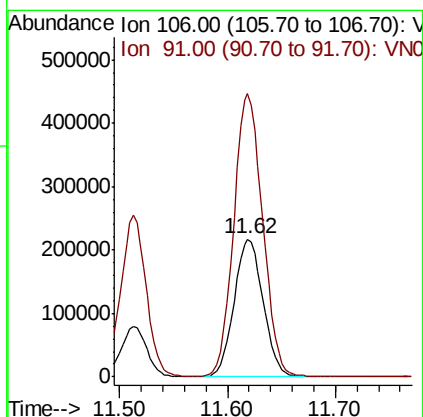
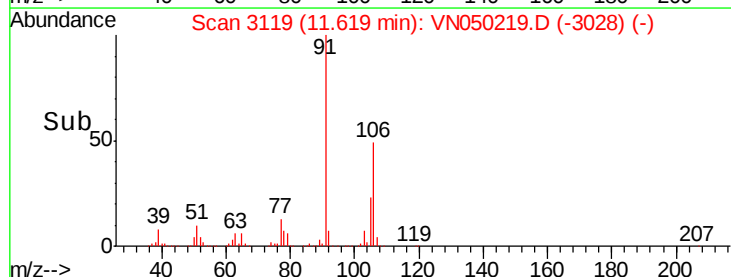
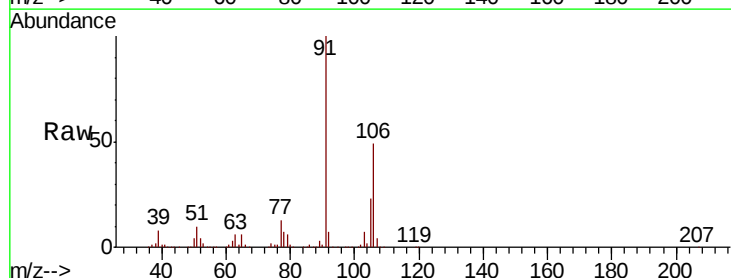
Acq: 31 Jul 2018 16:56

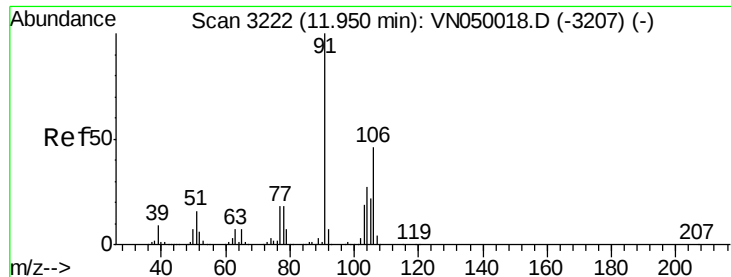
Tgt Ion: 106 Resp: 404384

Ion Ratio Lower Upper

106 100

91 205.3 162.2 243.2

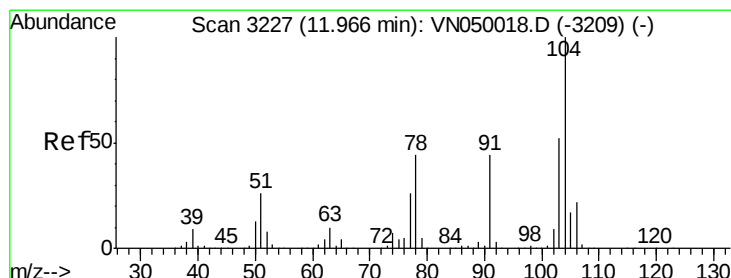
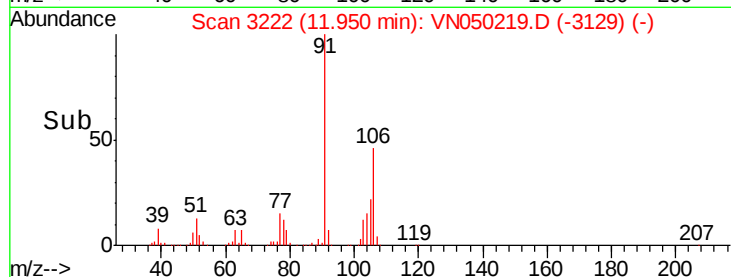
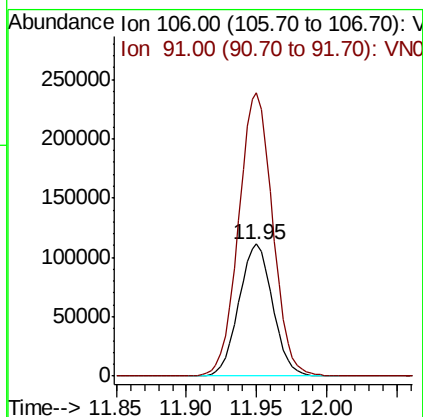
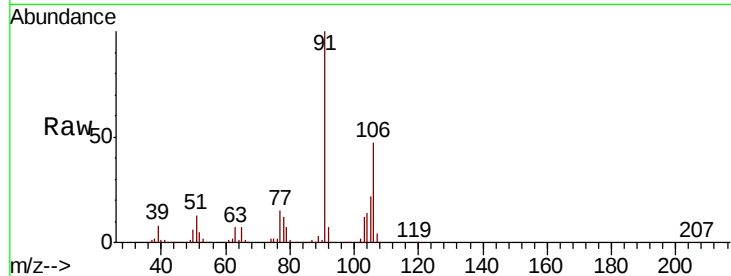




#69
o-Xylene
Concen: 14.015 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

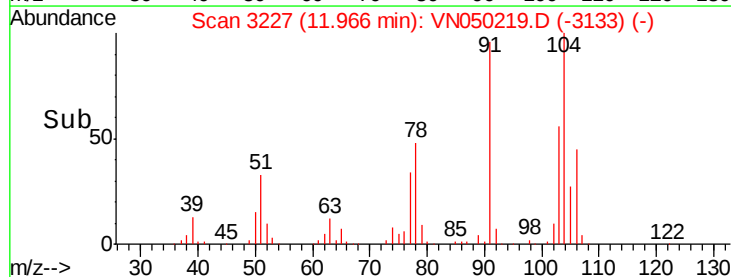
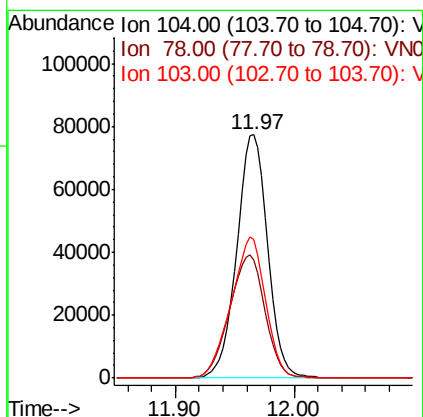
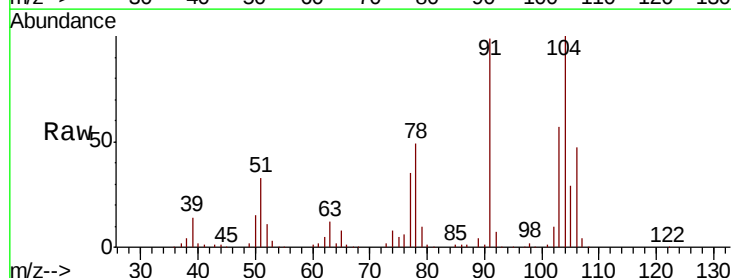
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

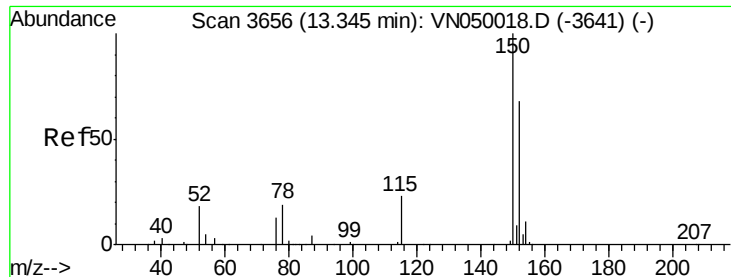
Tot Ion:106 Resp: 187287
Ion Ratio Lower Upper
106 100
91 213.8 107.7 323.1



#70
Styrene
Concen: 6.675 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

Tgt Ion:104 Resp: 139273
Ion Ratio Lower Upper
104 100
78 58.3 39.3 58.9
103 64.2 45.0 67.6



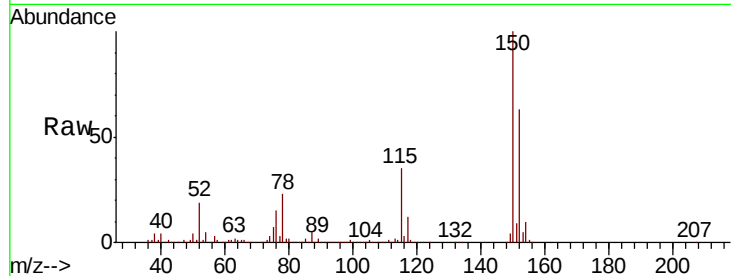


#72

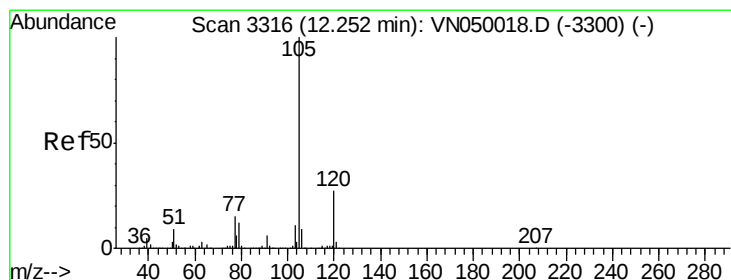
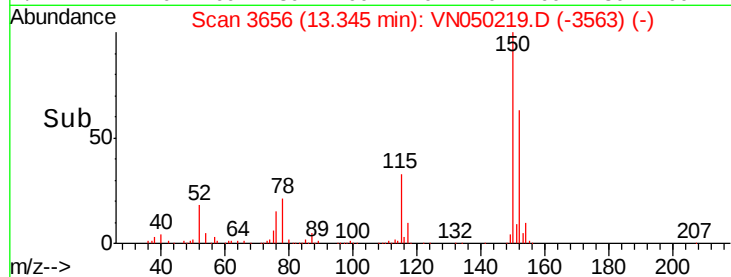
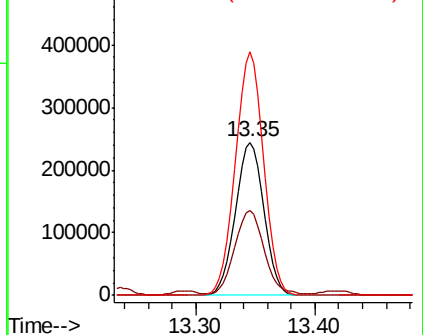
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

Tot Ion:152 Resp: 404991
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.3
150 157.8 0.0 348.6



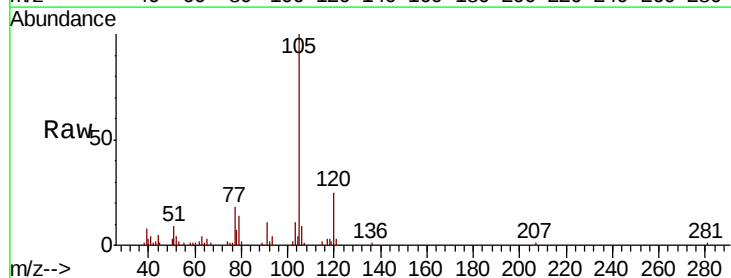
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



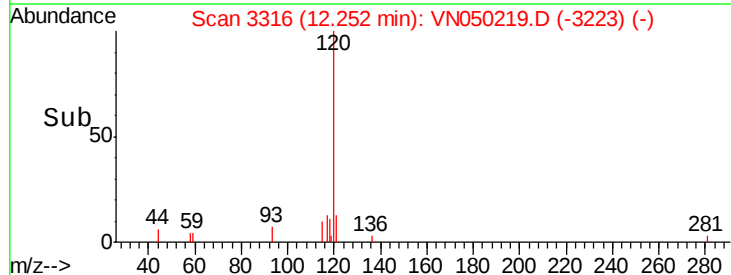
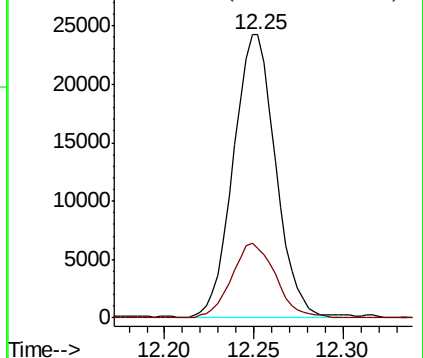
#73

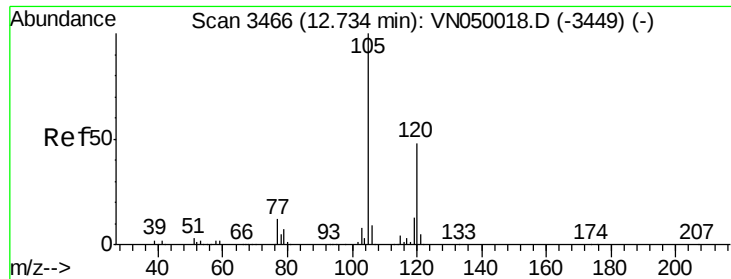
Isopropylbenzene
Concen: 1.277 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN050219.D
Acq: 31 Jul 2018 16:56

Tgt Ion:105 Resp: 40104
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.8



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





#80

1,3,5-Trimethylbenzene

Concen: 7.458 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050219.D

Acq: 31 Jul 2018 16:56

Instrument :

MSVOA_N

ClientSampled :

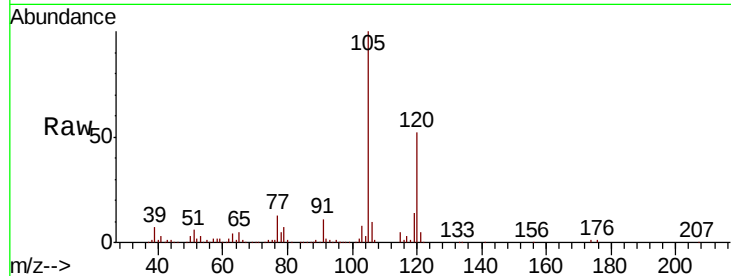
MW-6BDL

Tot Ion:105 Resp: 184261

Ion Ratio Lower Upper

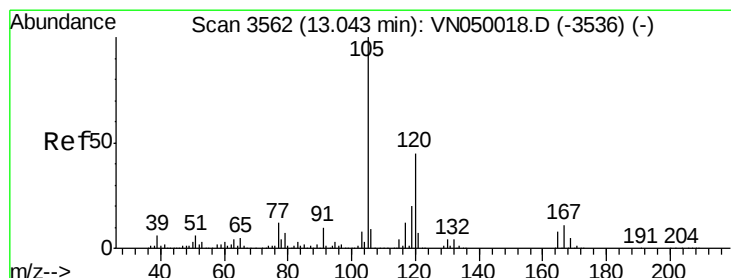
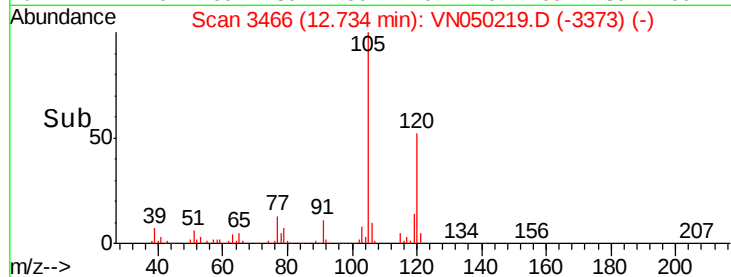
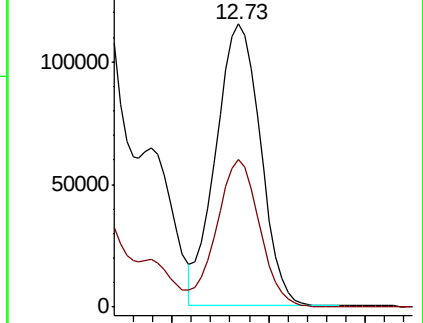
105 100

120 50.4 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: 13.855 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050219.D

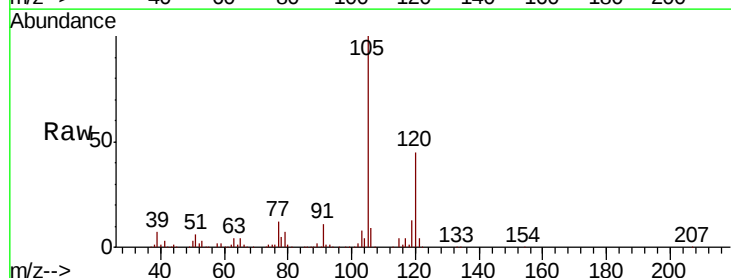
Acq: 31 Jul 2018 16:56

Tgt Ion:105 Resp: 345032

Ion Ratio Lower Upper

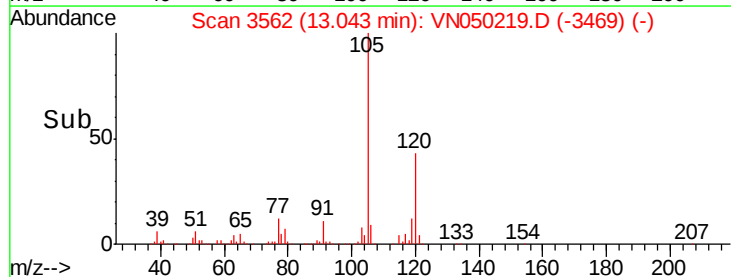
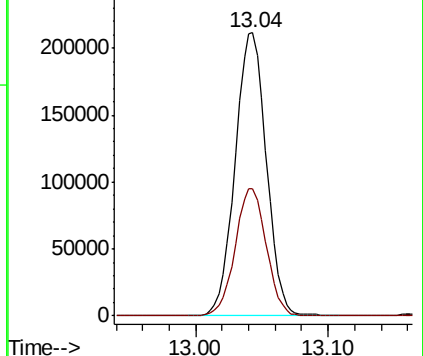
105 100

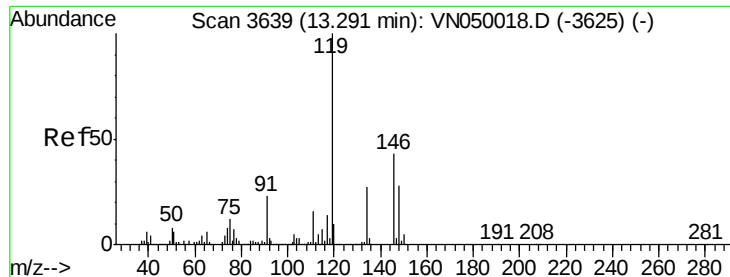
120 44.9 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

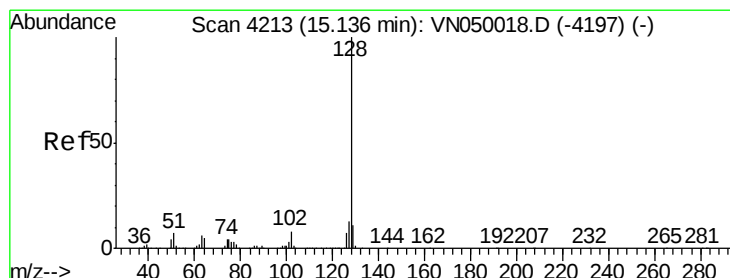
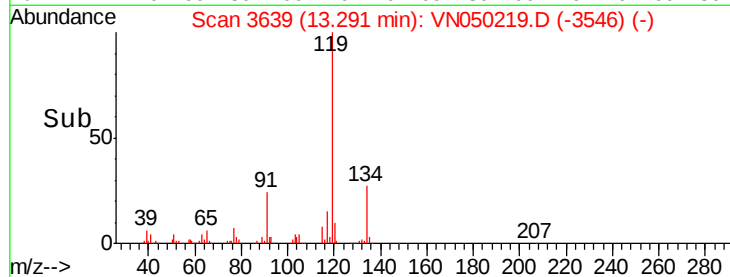
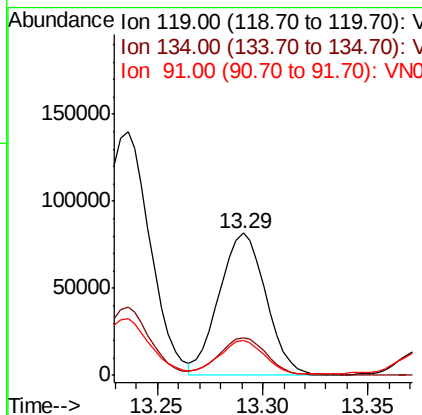
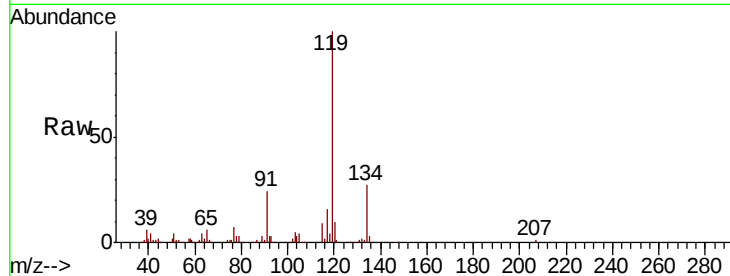




#86
 p-Isopropyltoluene
 Concen: 5.149 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

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: 283.804 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050219.D
 Acq: 31 Jul 2018 16:56

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.8	13.2

