

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050135.D
 Acq On : 27 Jul 2018 17:28
 Operator : MD\SY
 Sample : J4184-03DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

Quant Time: Jul 28 00:09:58 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

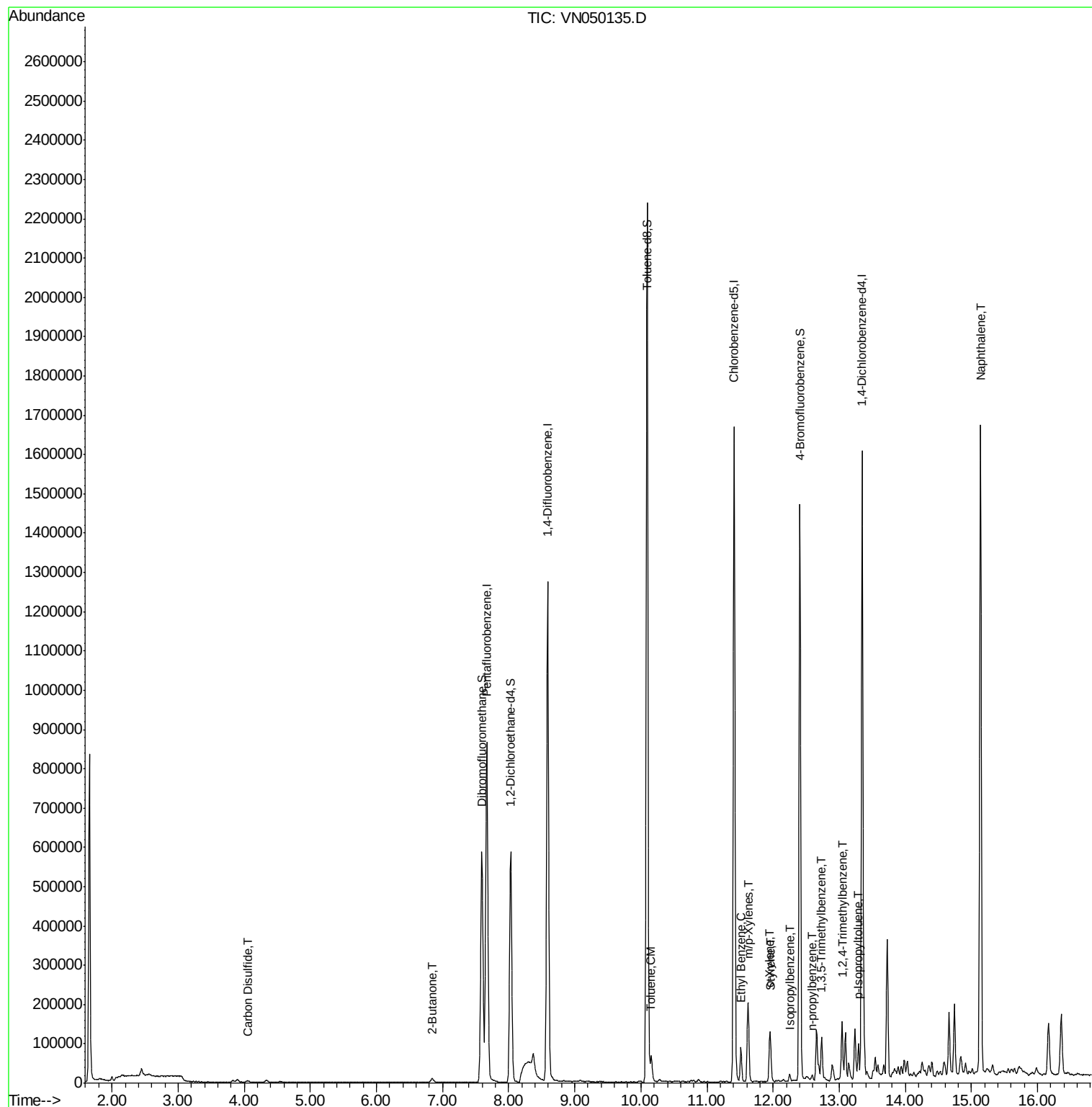
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	753379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1174193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1004449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	447359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	498476	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
35) Dibromofluoromethane	7.59	113	447643	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
50) Toluene-d8	10.09	98	1600154	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
62) 4-Bromofluorobenzene	12.40	95	494069	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.14%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.05	76	7929	0.298	ug/l	99
25) 2-Butanone	6.85	43	6156	1.535	ug/l #	85
52) Toluene	10.16	92	23595	0.993	ug/l	99
67) Ethyl Benzene	11.51	91	63955	1.569	ug/l	97
68) m/p-Xylenes	11.62	106	62848	4.077	ug/l	95
69) o-Xylene	11.95	106	31502	2.144	ug/l	99
70) Styrene	11.97	104	20603	1.697	ug/l #	82
73) Isopropylbenzene	12.25	105	10503	0.303	ug/l	90
78) n-propylbenzene	12.59	91	9936	0.256	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	48655	1.783	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	82829	3.011	ug/l	100
86) p-Isopropyltoluene	13.29	119	44265	1.651	ug/l	99
95) Naphthalene	15.14	128	1404203	67.077	ug/l	100

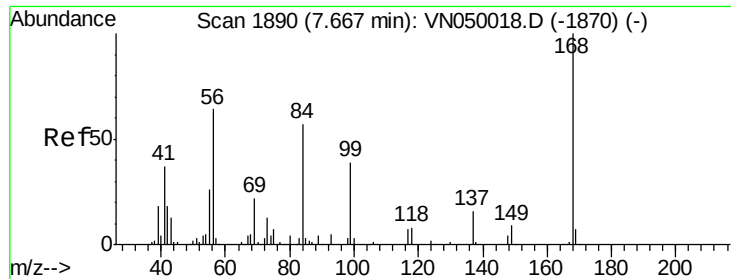
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
Data File : VN050135.D
Acq On : 27 Jul 2018 17:28
Operator : MD\SY
Sample : J4184-03DL 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

Quant Time: Jul 28 00:09:58 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: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampled :

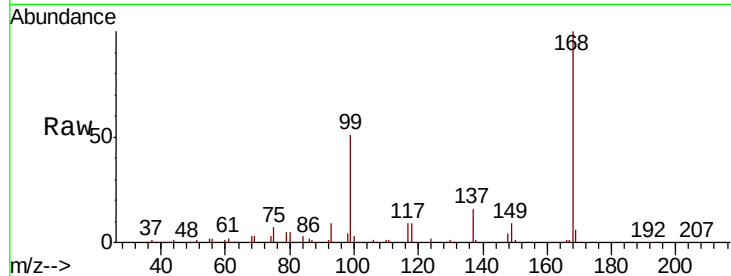
MW-6BDL

Tot Ion:168 Resp: 753379

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): VNO

7.67

300000

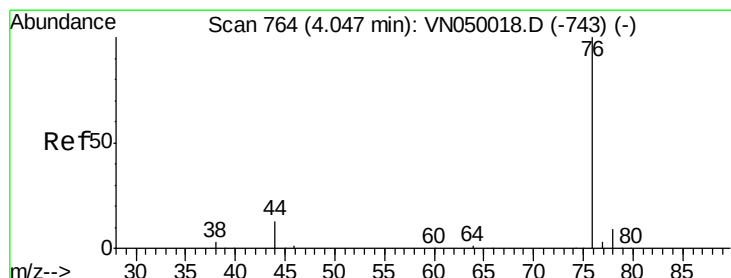
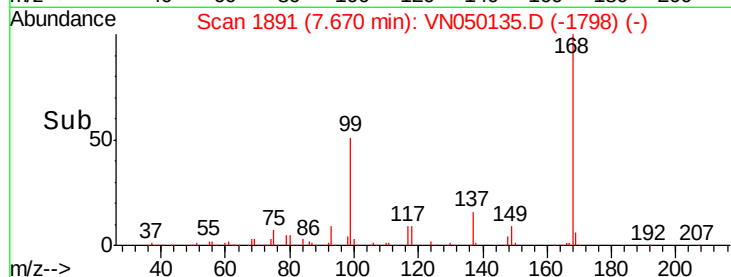
200000

100000

0

Time-->

7.60 7.70 7.80



#17

Carbon Disulfide

Concen: 0.298 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050135.D

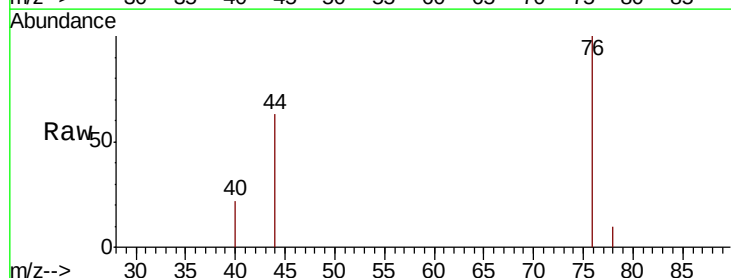
Acq: 27 Jul 2018 17:28

Tgt Ion: 76 Resp: 7929

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.05

3000

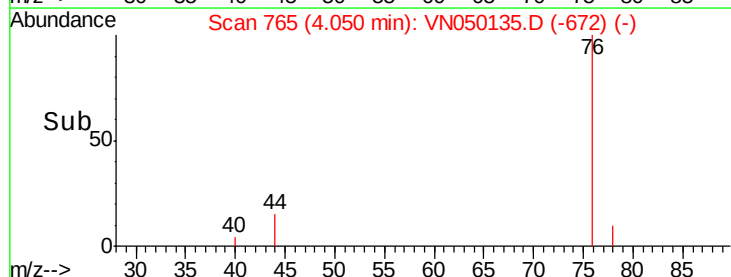
2000

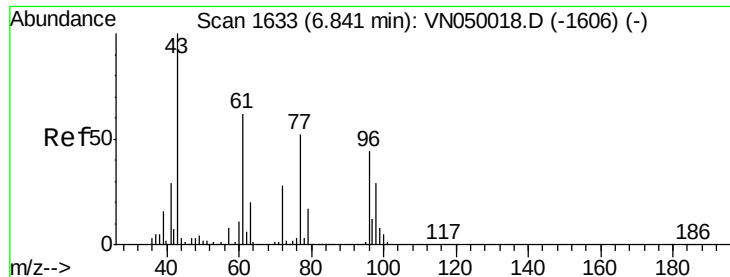
1000

0

Time-->

3.95 4.00 4.05 4.10

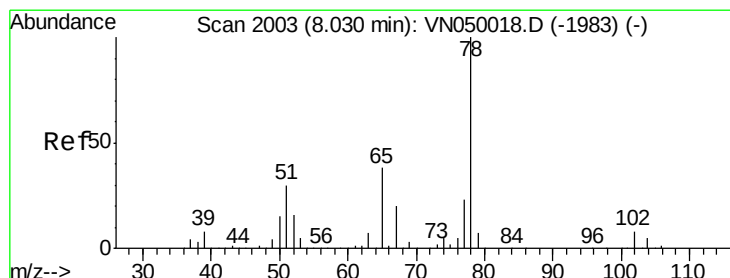
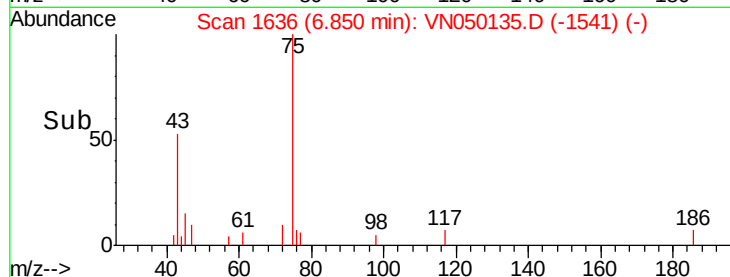
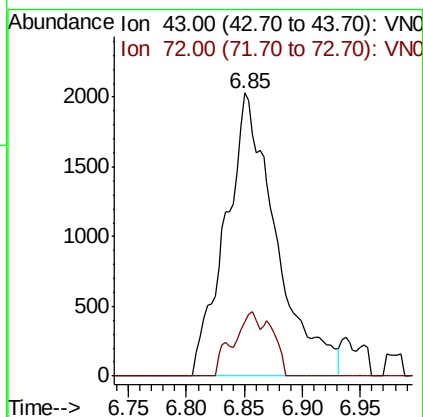
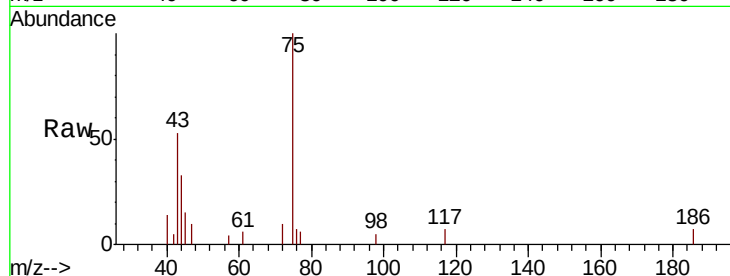




#25
2-Butanone
Concen: 1.535 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

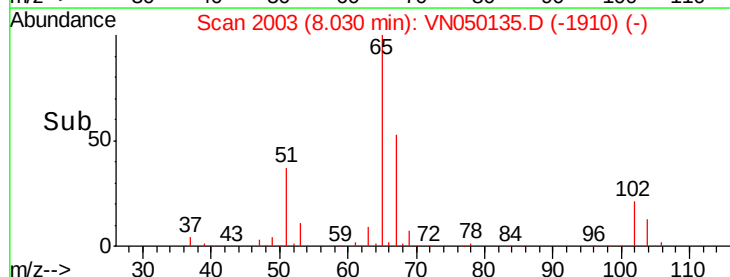
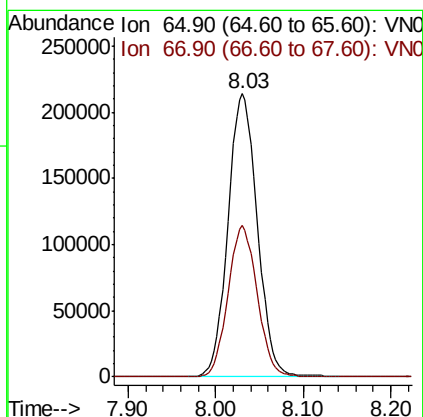
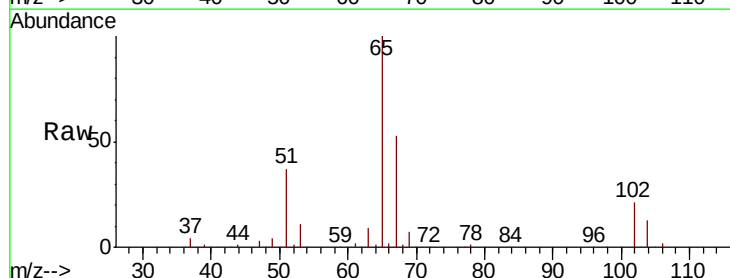
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

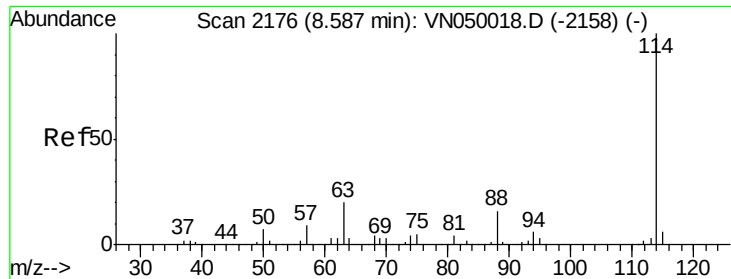
Tot Ion: 43 Resp: 6156
Ion Ratio Lower Upper
43 100
72 19.2 21.5 32.3#



#33
1,2-Dichloroethane-d4
Concen: 47.423 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Tgt Ion: 65 Resp: 498476
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.4

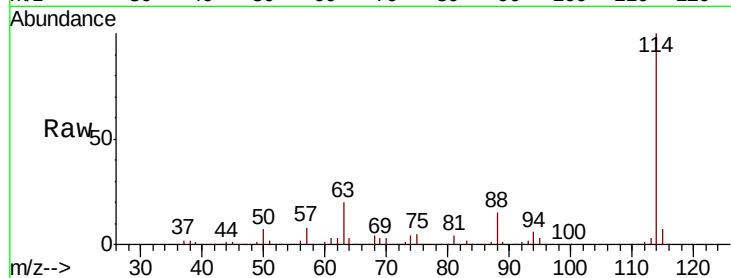




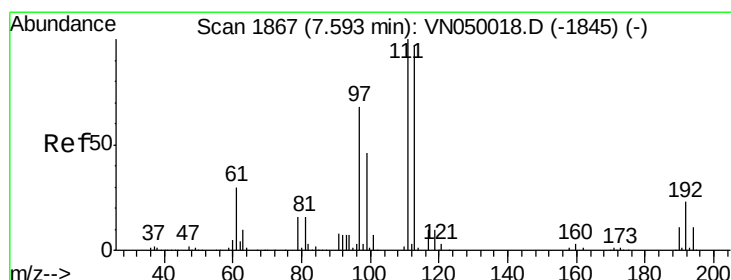
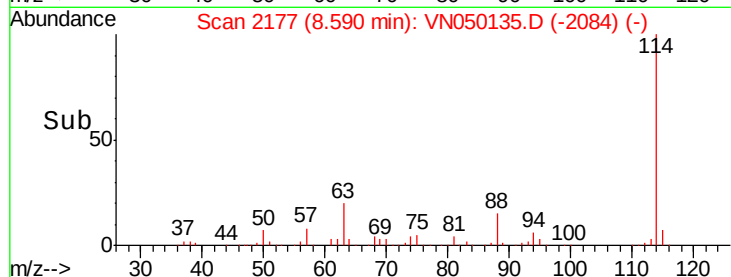
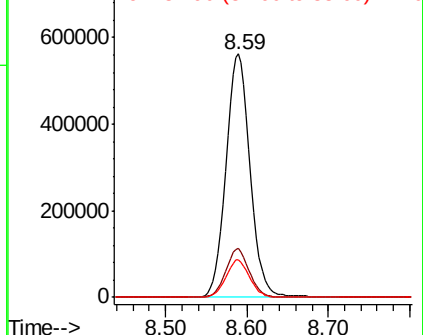
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

Tot Ion:114 Resp: 1174193
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 15.3 0.0 31.2

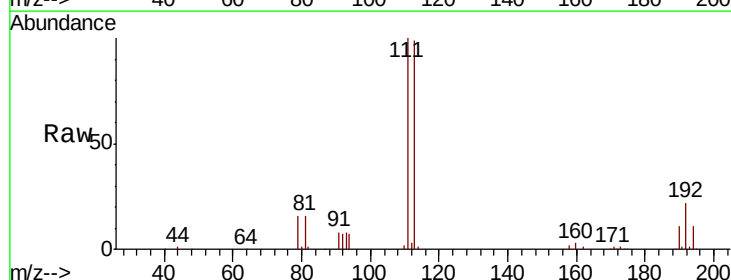


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

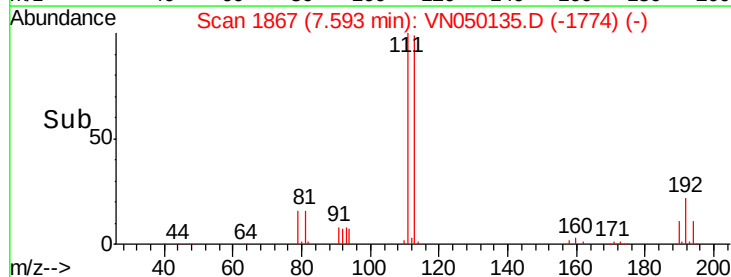
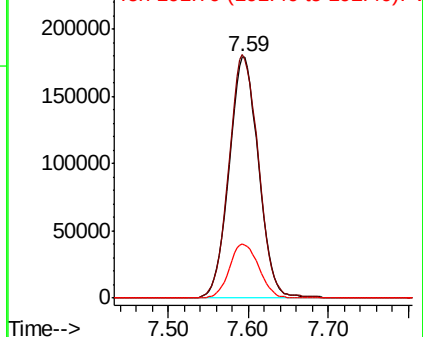


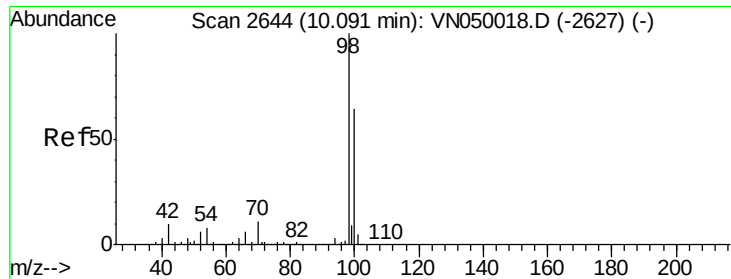
#35
Dibromofluoromethane
Concen: 46.693 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Tgt Ion:113 Resp: 447643
Ion Ratio Lower Upper
113 100
111 101.6 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

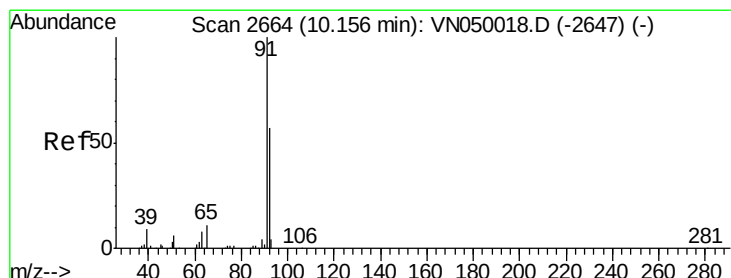
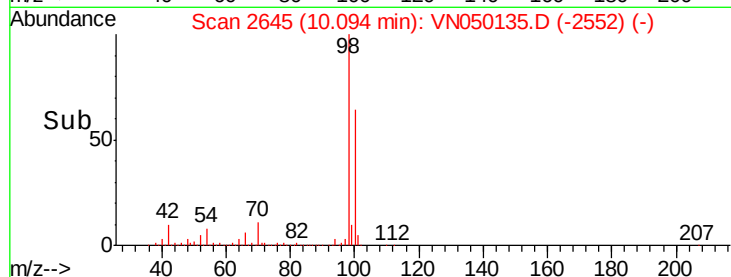
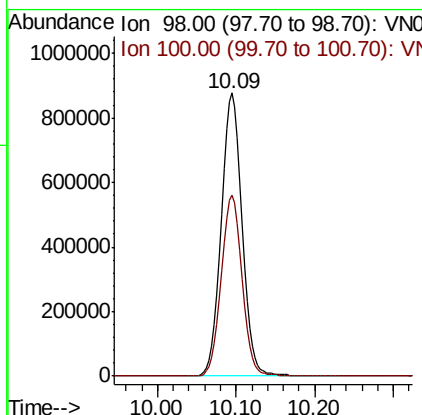
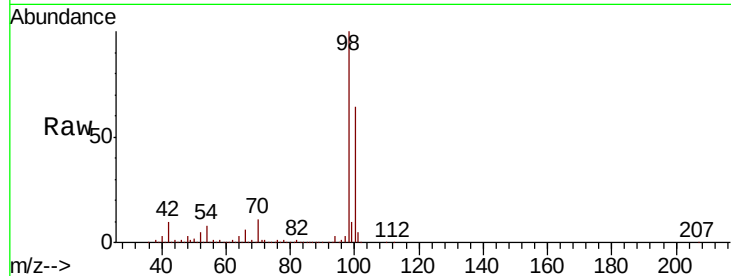




#50
Toluene-d8
Concen: 45.400 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

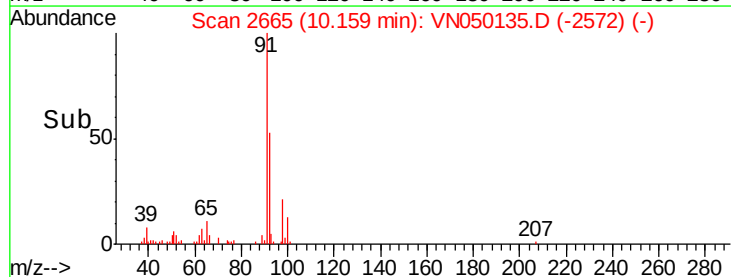
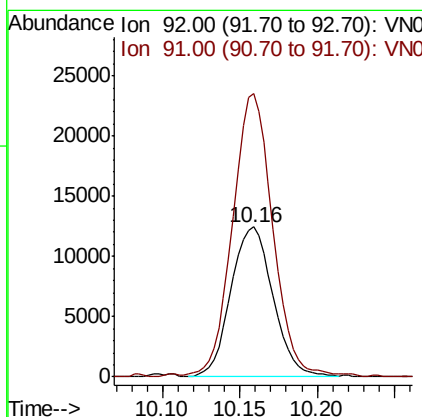
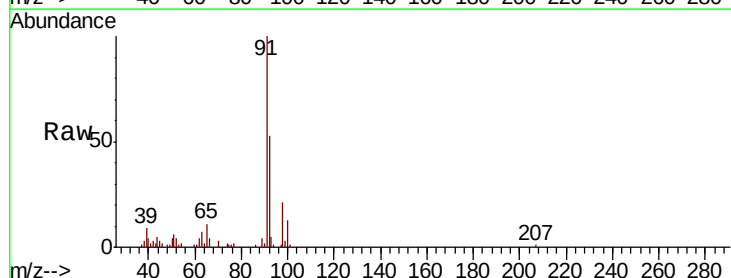
Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

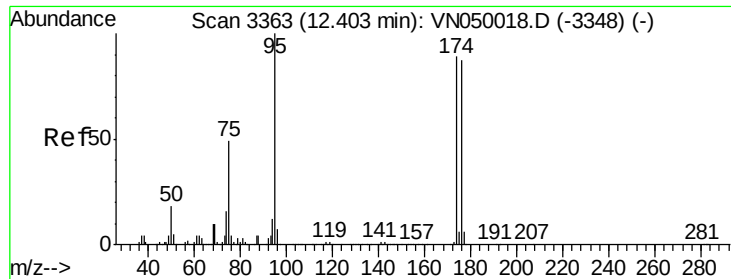
Tot Ion: 98 Resp: 1600154
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1



#52
Toluene
Concen: 0.993 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Tgt Ion: 92 Resp: 23595
Ion Ratio Lower Upper
92 100
91 176.2 140.3 210.5

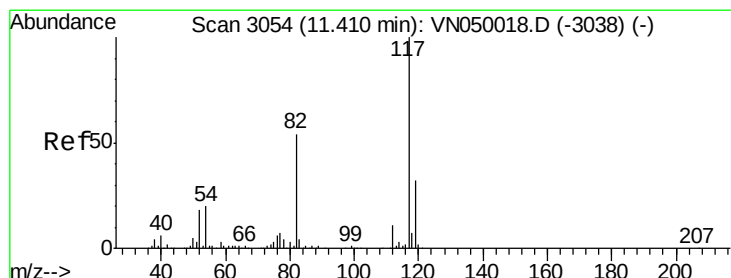
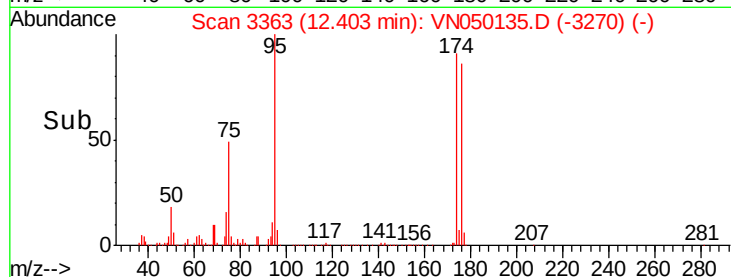
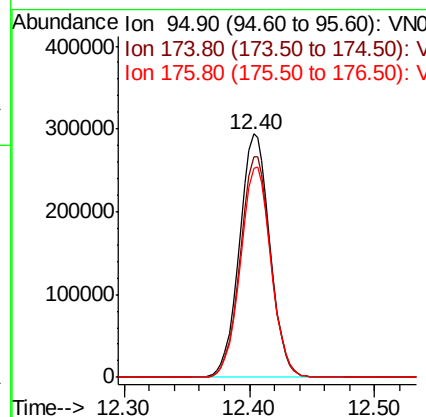
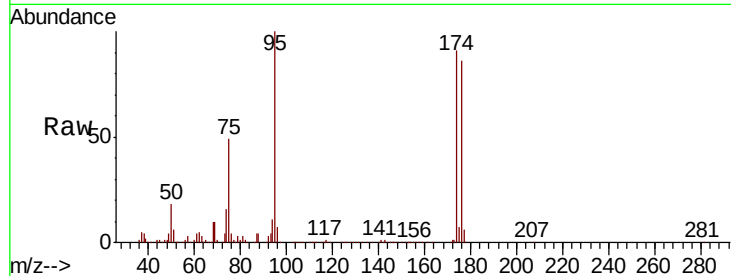




#62
4-Bromofluorobenzene
Concen: 42.572 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

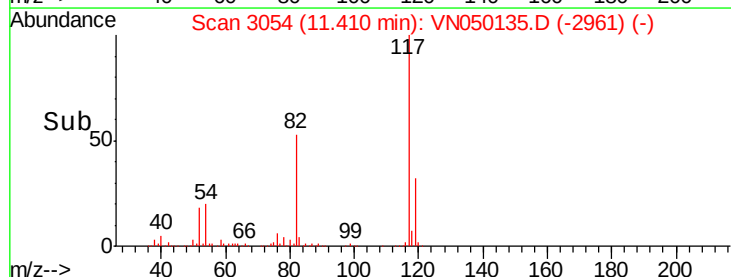
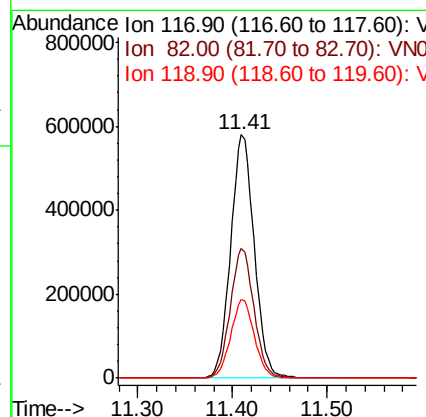
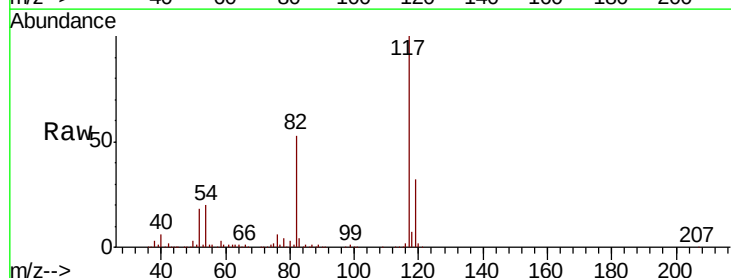
Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

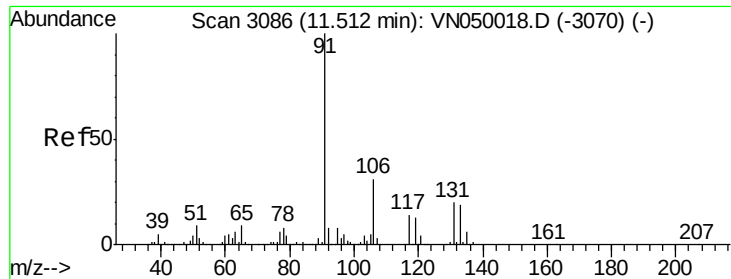
Tot Ion: 95 Resp: 494069
Ion Ratio Lower Upper
95 100
174 91.2 0.0 178.2
176 86.8 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Tgt Ion: 117 Resp: 1004449
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 32.0 26.1 39.1





#67

Ethyl Benzene

Concen: 1.569 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampled :

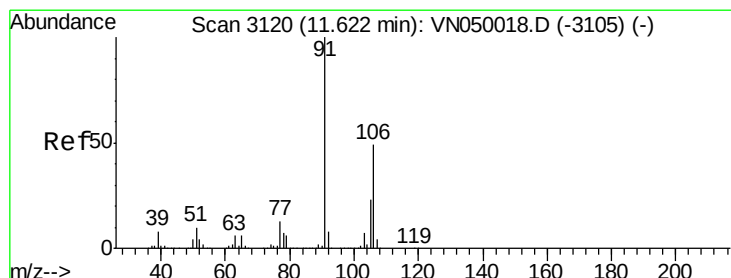
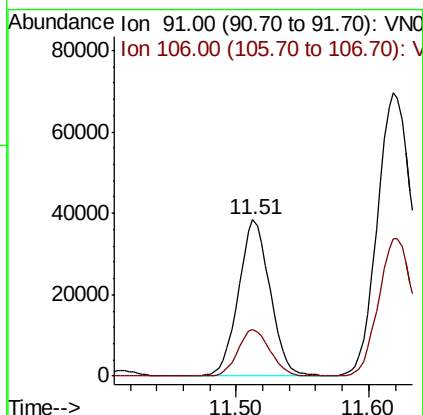
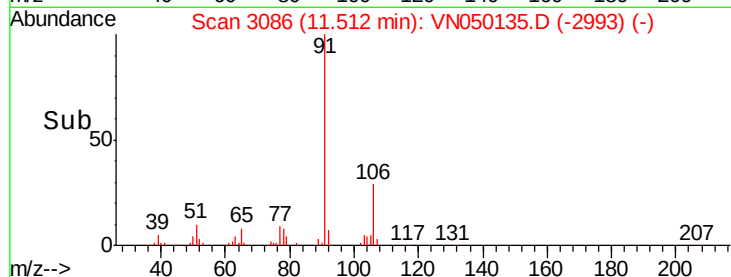
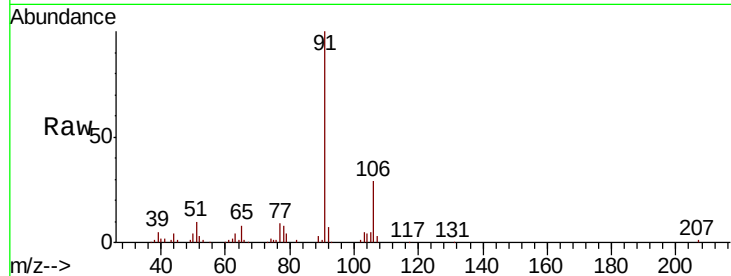
MW-6BDL

Tot Ion: 91 Resp: 63955

Ion Ratio Lower Upper

91 100

106 29.4 25.0 37.4



#68

m/p-Xylenes

Concen: 4.077 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050135.D

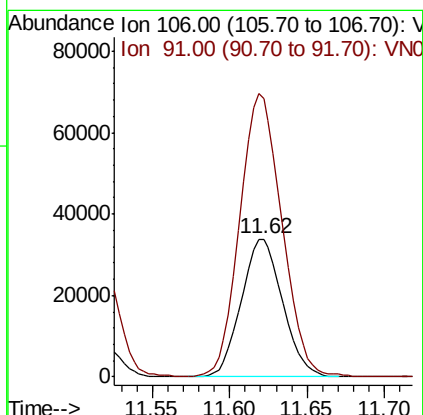
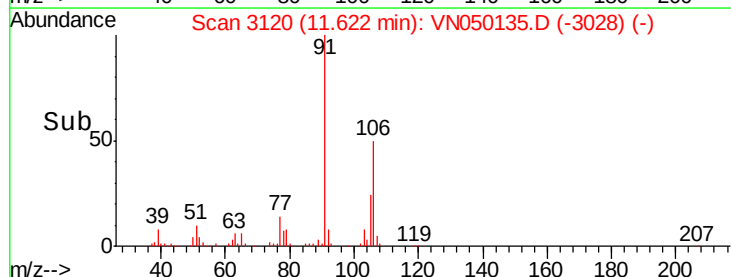
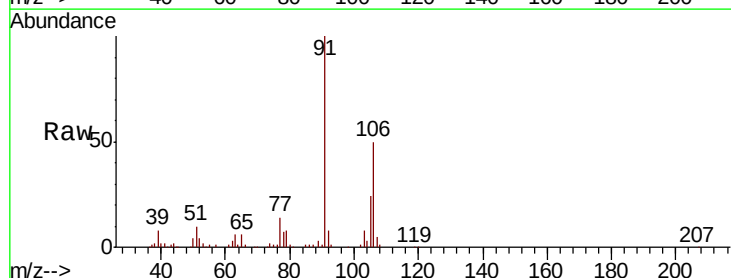
Acq: 27 Jul 2018 17:28

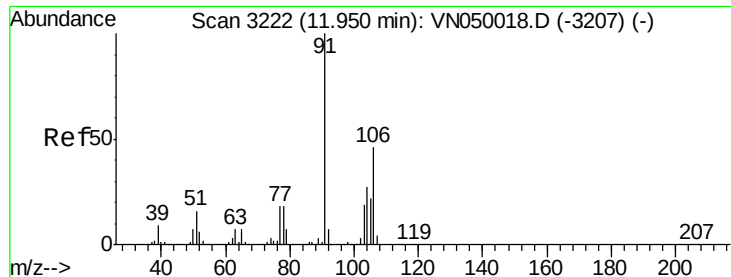
Tgt Ion: 106 Resp: 62848

Ion Ratio Lower Upper

106 100

91 209.8 162.2 243.2

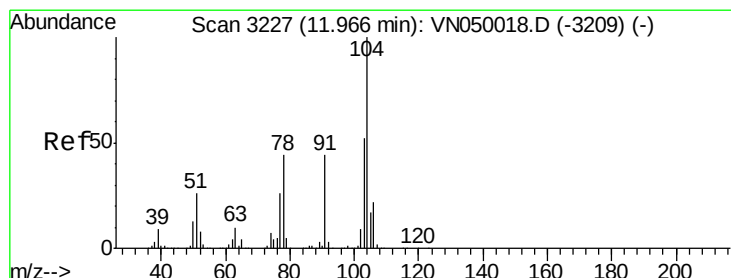
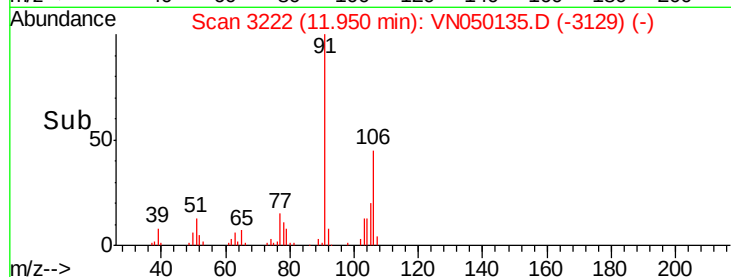
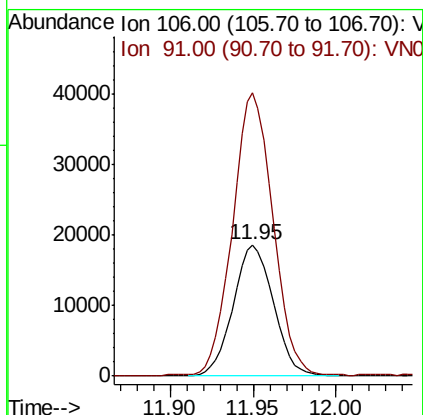
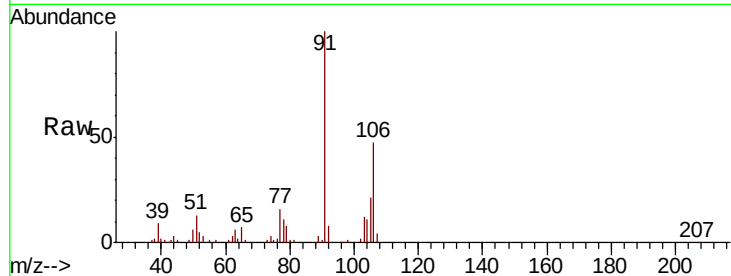




#69
o-Xylene
Concen: 2.144 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

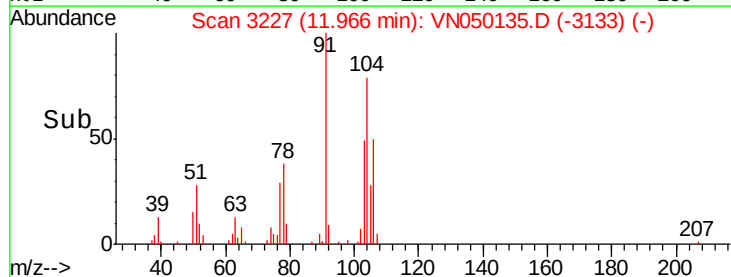
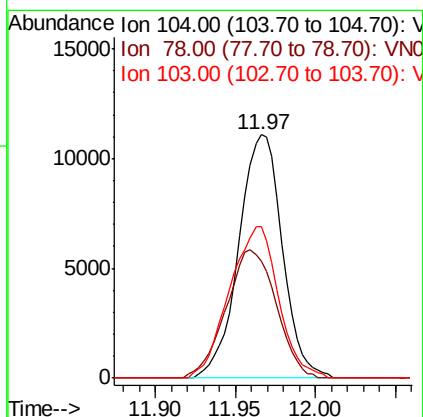
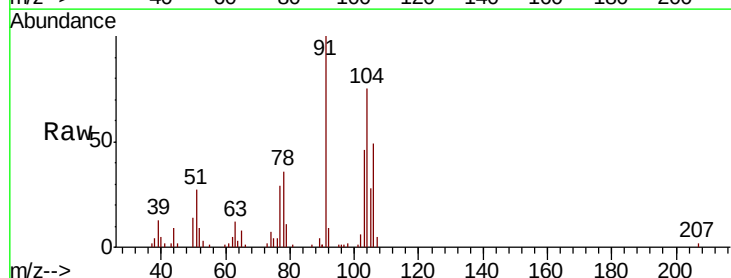
Instrument :
MSVOA_N
ClientSampled :
MW-6BDL

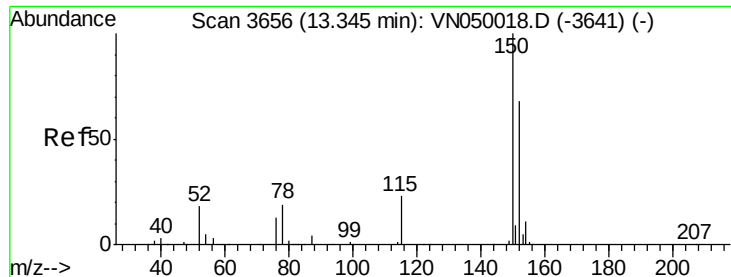
Tot Ion:106 Resp: 31502
Ion Ratio Lower Upper
106 100
91 217.5 107.7 323.1



#70
Styrene
Concen: 1.697 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Tgt Ion:104 Resp: 20603
Ion Ratio Lower Upper
104 100
78 60.6 39.3 58.9#
103 70.3 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: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-6BDL

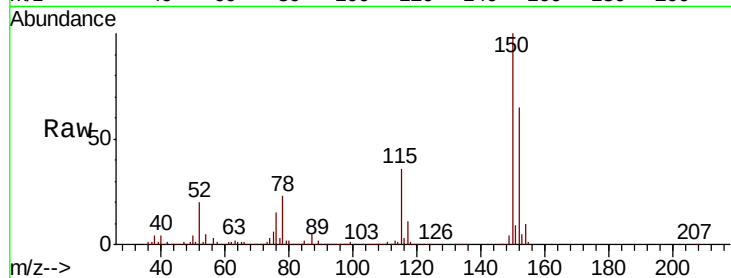
Tot Ion:152 Resp: 447359

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

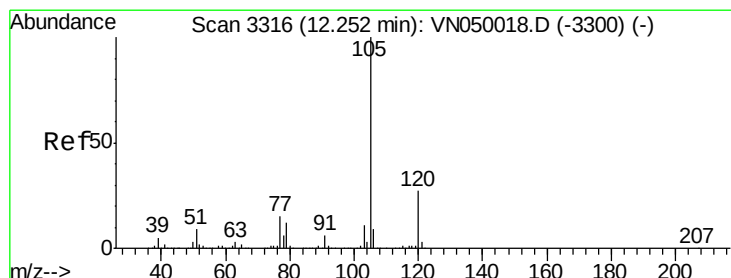
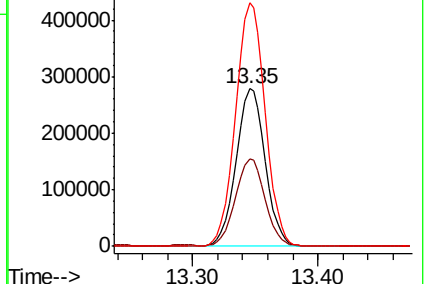
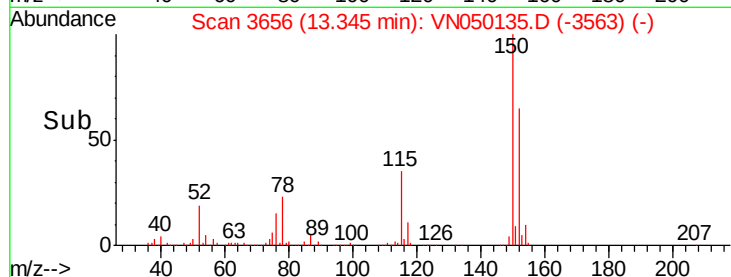
150 156.9 0.0 348.6



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: 0.303 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050135.D

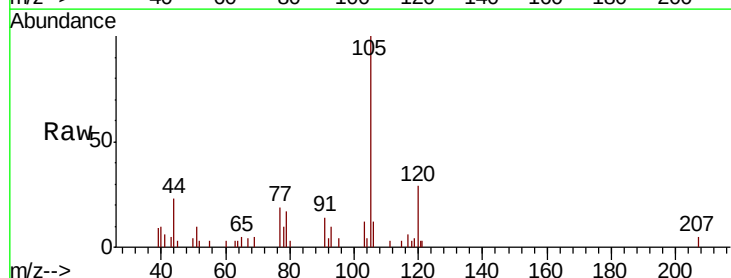
Acq: 27 Jul 2018 17:28

Tgt Ion:105 Resp: 10503

Ion Ratio Lower Upper

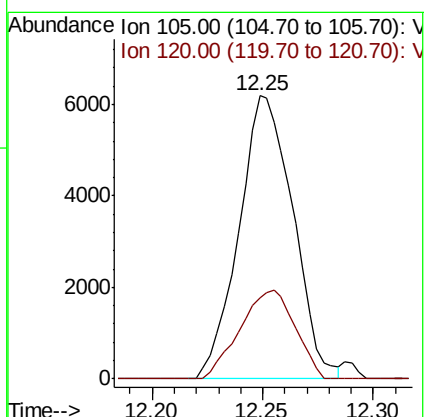
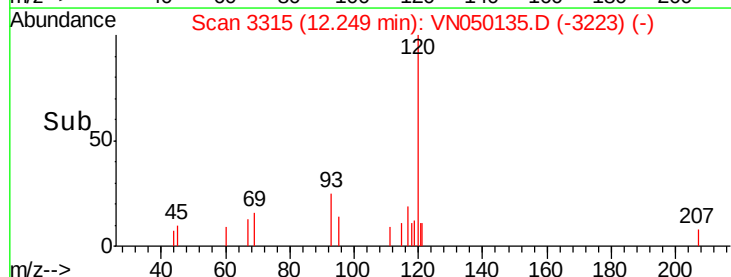
105 100

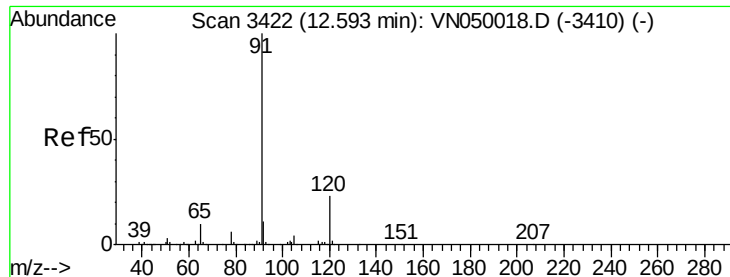
120 31.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.256 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050135.D

Acq: 27 Jul 2018 17:28

Instrument :

MSVOA_N

ClientSampled :

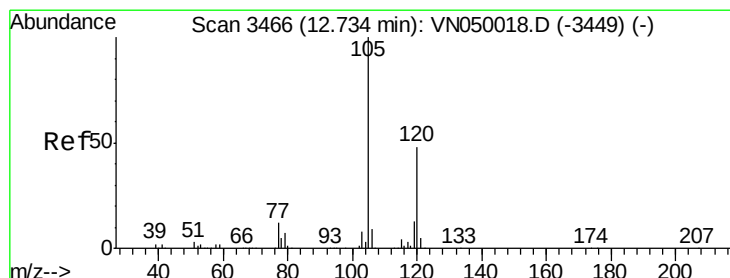
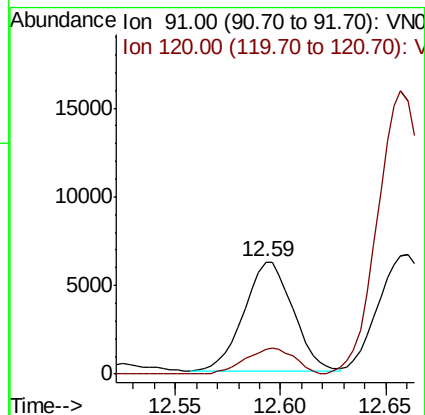
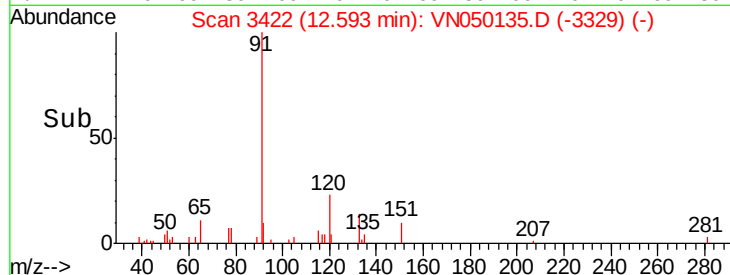
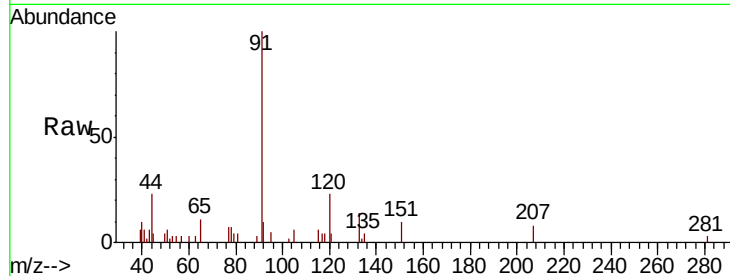
MW-6BDL

Tot Ion: 91 Resp: 9936

Ion Ratio Lower Upper

91 100

120 24.1 11.6 34.7



#80

1,3,5-Trimethylbenzene

Concen: 1.783 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050135.D

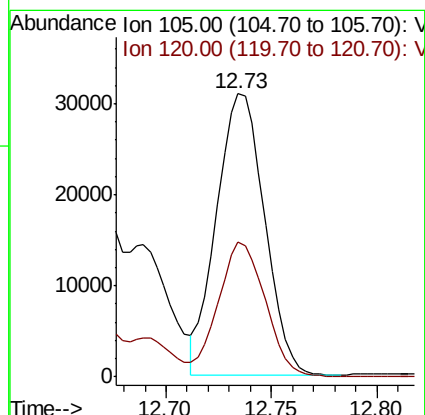
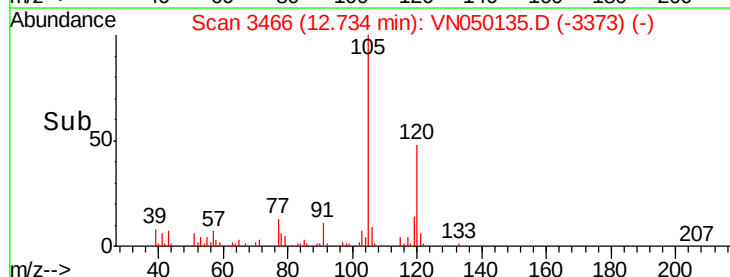
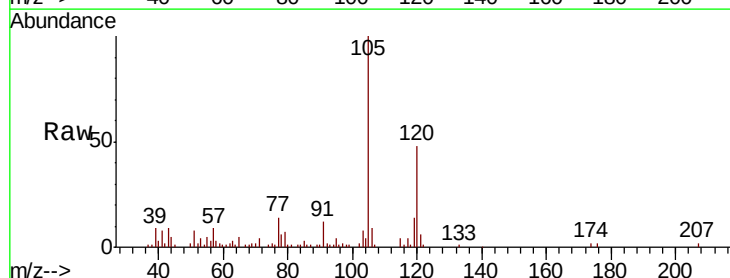
Acq: 27 Jul 2018 17:28

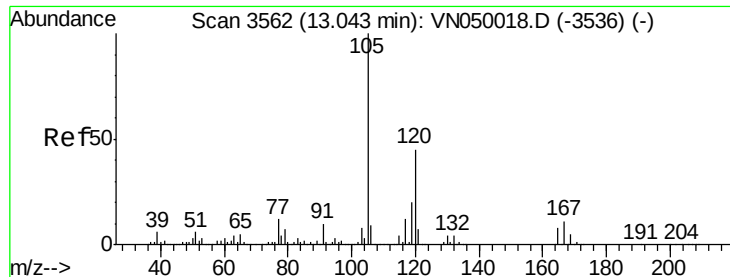
Tgt Ion: 105 Resp: 48655

Ion Ratio Lower Upper

105 100

120 47.0 24.4 73.2

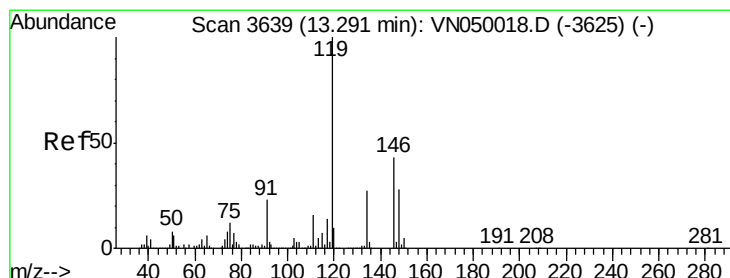
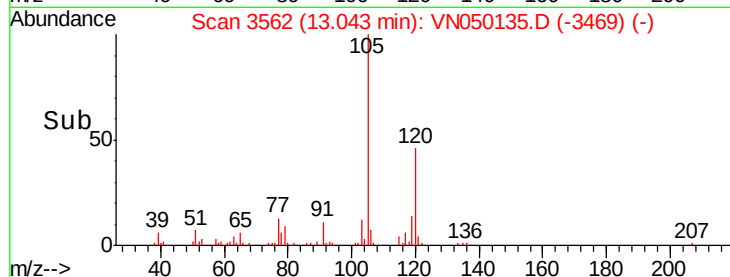
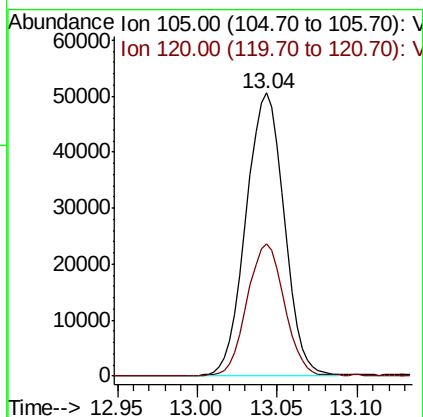
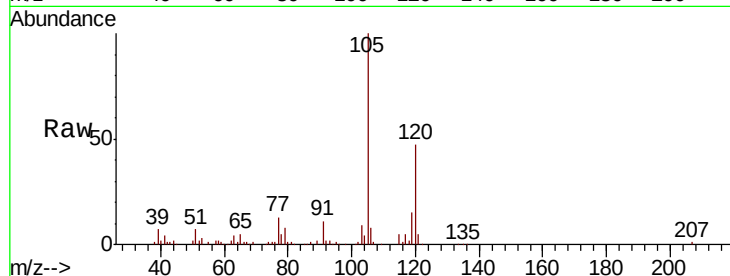




#84
 1,2,4-Trimethylbenzene
 Concen: 3.011 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050135.D
 Acq: 27 Jul 2018 17:28

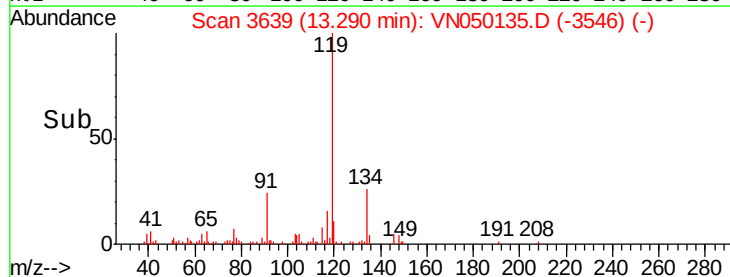
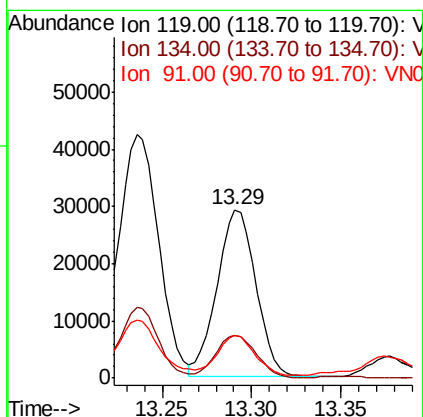
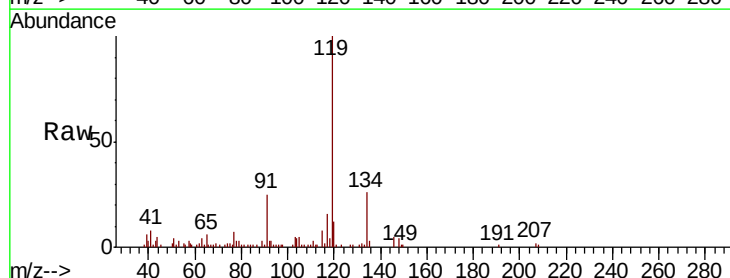
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6BDL

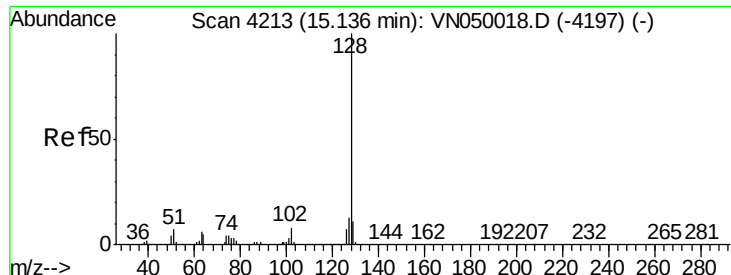
Tot Ion:105 Resp: 82829
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.7



#86
 p-Isopropyltoluene
 Concen: 1.651 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050135.D
 Acq: 27 Jul 2018 17:28

Tgt Ion:119 Resp: 44265
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 22.9 11.4 34.2





#95
Naphthalene
Concen: 67.077 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050135.D
Acq: 27 Jul 2018 17:28

Instrument :
MSVOA_N
ClientSampleId :
MW-6BDL

Tot Ion:128 Resp: 1404203
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.8 13.2

