

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054315.D
 Acq On : 15 Mar 2019 17:48
 Operator : JC/SP
 Sample : K1899-03DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4ADL

Quant Time: Mar 16 04:11:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

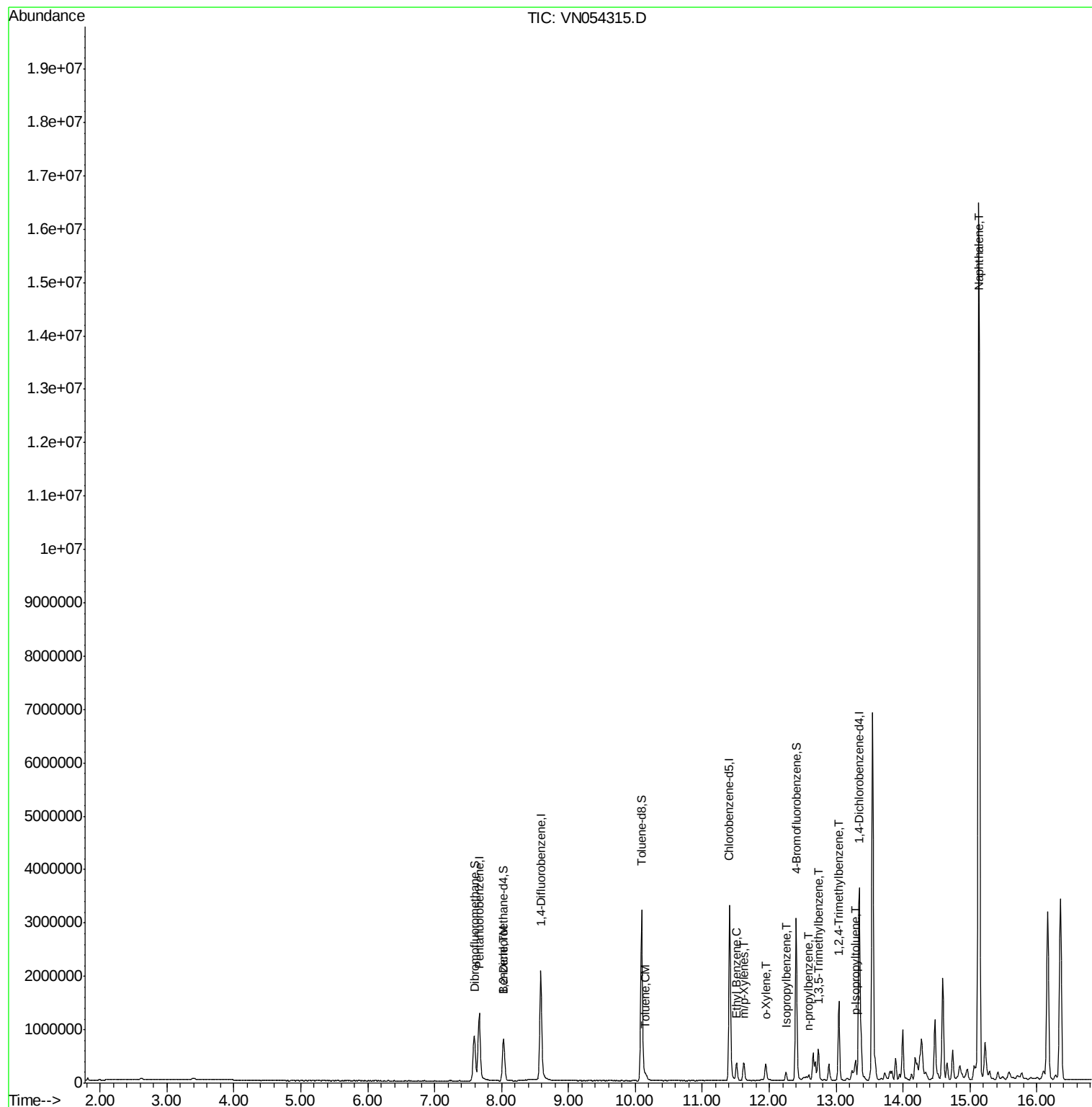
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1288246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2103797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2239130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1082665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	668984	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
35) Dibromofluoromethane	7.59	113	646178	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
50) Toluene-d8	10.09	98	2611730	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.40	95	1051142	59.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.90%	
Target Compounds						
40) Benzene	8.04	78	51819	0.935	ug/l	98
52) Toluene	10.16	92	28957	0.824	ug/l	99
67) Ethyl Benzene	11.51	91	260695	3.199	ug/l	99
68) m/p-Xylenes	11.62	106	122306	3.840	ug/l	99
69) o-Xylene	11.95	106	89223	2.873	ug/l	96
73) Isopropylbenzene	12.25	105	111940	1.292	ug/l	98
78) n-propylbenzene	12.59	91	56818	0.605	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	323691	4.493	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	885322	12.525	ug/l	99
86) p-Isopropyltoluene	13.29	119	222346	2.947	ug/l	99
95) Naphthalene	15.13	128	14954963	296.550	ug/l	100

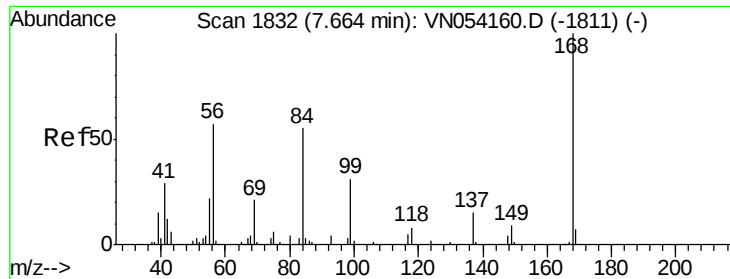
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

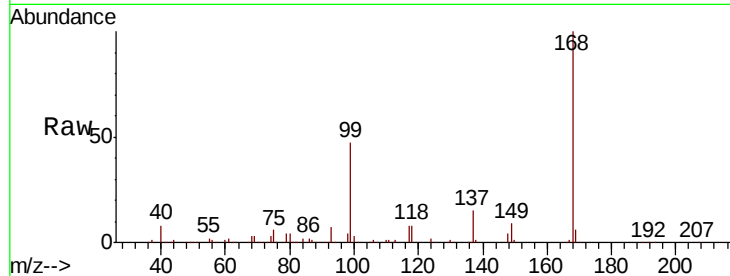
MW-4ADL

Tgt Ion:168 Resp: 1288246

Ion Ratio Lower Upper

168 100

99 47.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

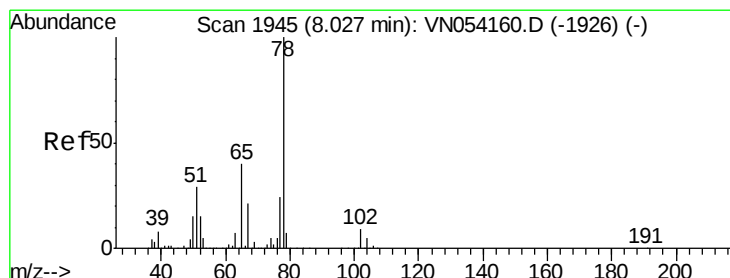
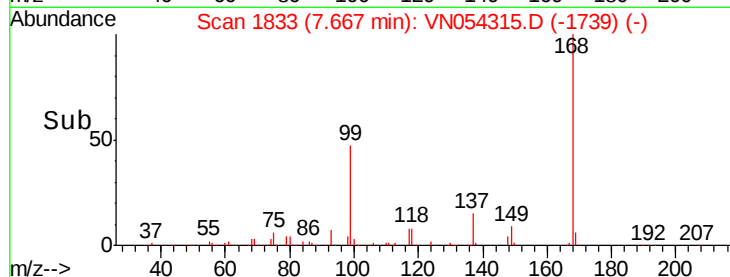
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.898 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054315.D

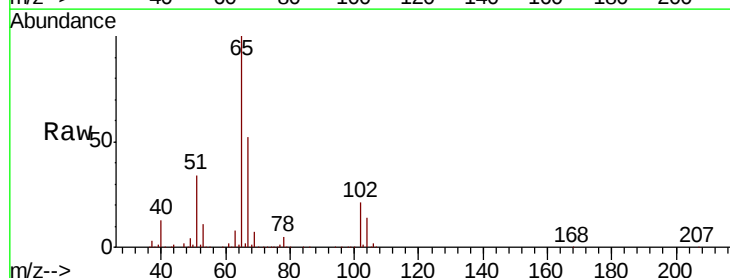
Acq: 15 Mar 2019 17:48

Tgt Ion: 65 Resp: 668984

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

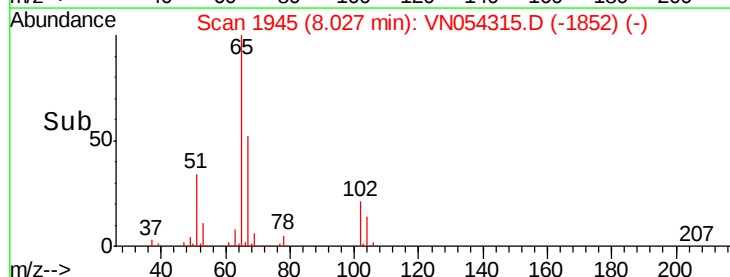
300000

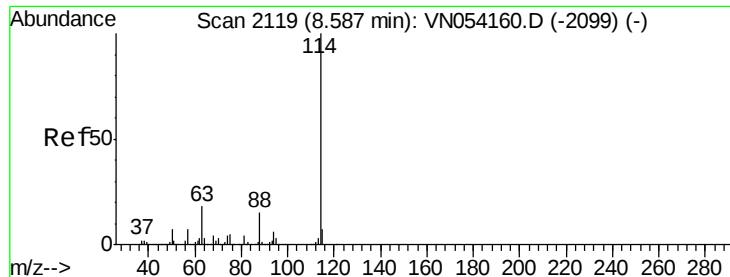
200000

100000

0

Time-->

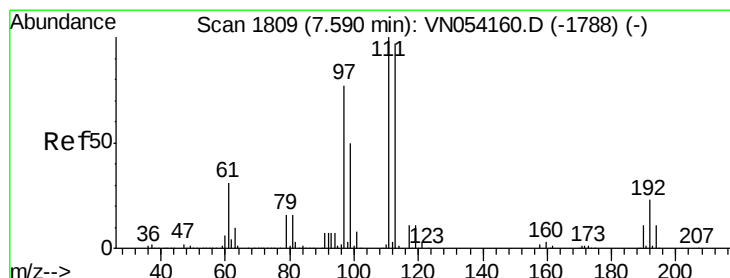
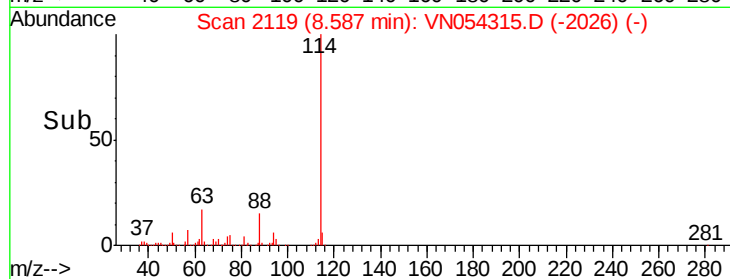
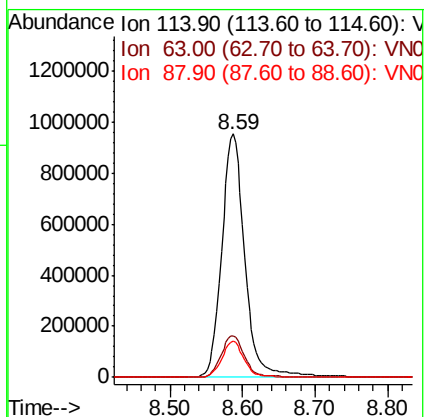
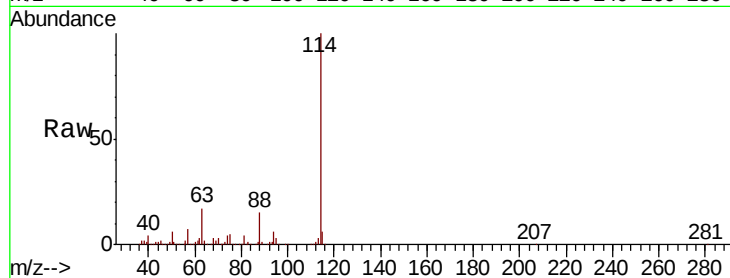




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054315.D
 Acq: 15 Mar 2019 17:48

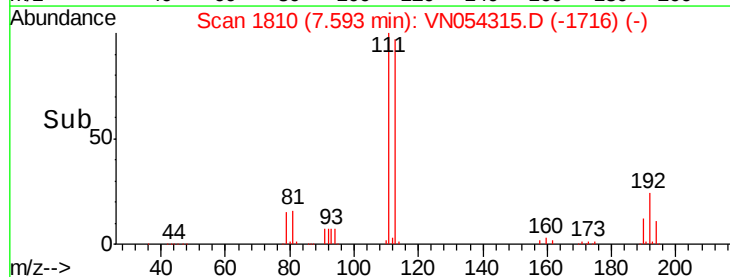
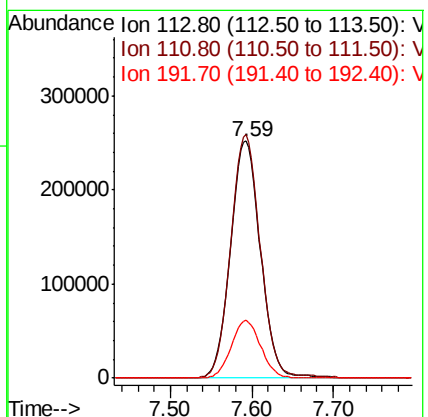
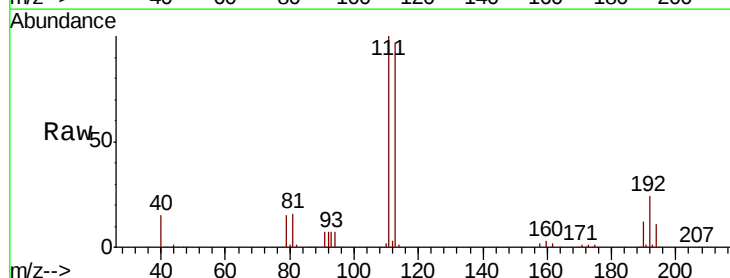
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4ADL

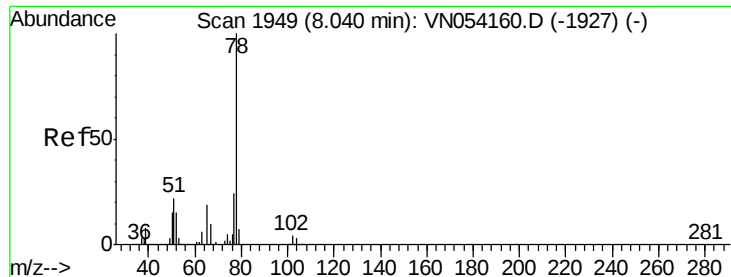
Tgt Ion:114 Resp: 2103797
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.2
 88 14.9 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 47.623 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054315.D
 Acq: 15 Mar 2019 17:48

Tgt Ion:113 Resp: 646178
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.2 123.4
 192 24.0 19.2 28.8





#40

Benzene

Concen: 0.935 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

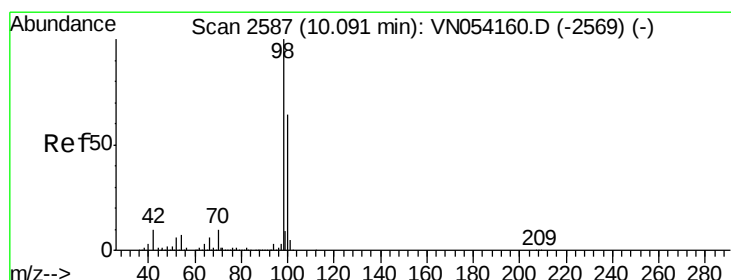
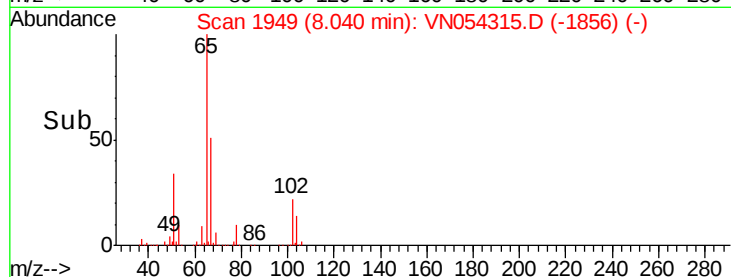
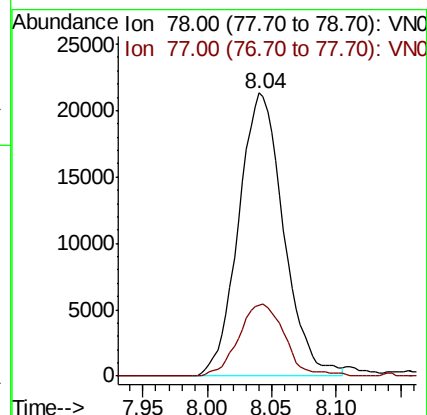
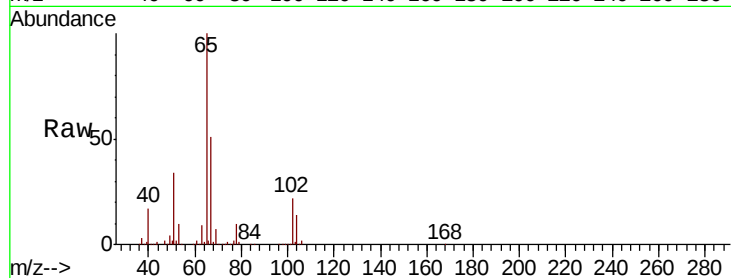
MW-4ADL

Tgt Ion: 78 Resp: 51819

Ion Ratio Lower Upper

78 100

77 25.1 19.1 28.7



#50

Toluene-d8

Concen: 52.119 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054315.D

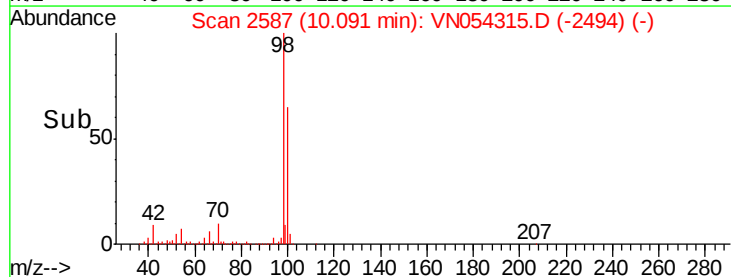
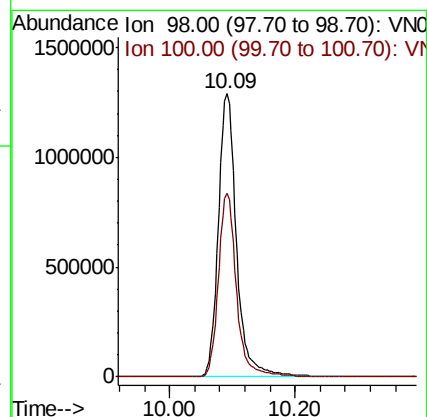
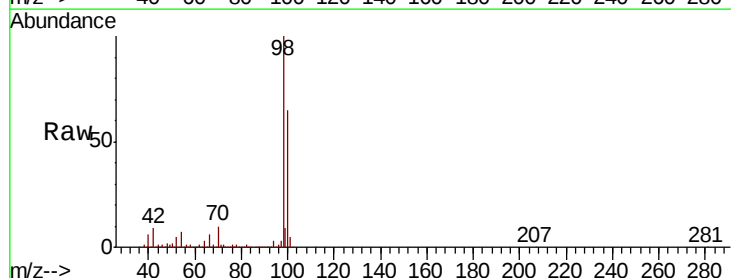
Acq: 15 Mar 2019 17:48

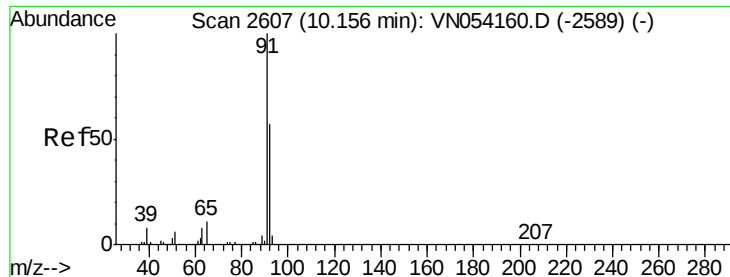
Tgt Ion: 98 Resp: 2611730

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8





#52

Toluene

Concen: 0.824 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

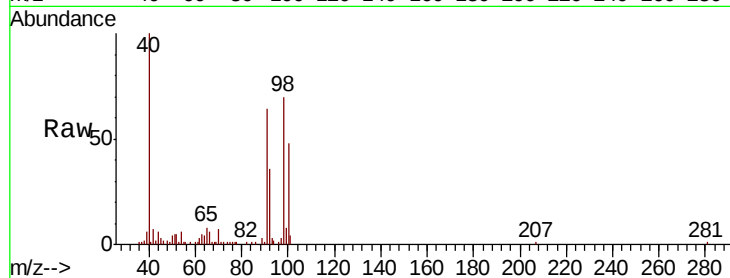
MW-4ADL

Tgt Ion: 92 Resp: 28957

Ion Ratio Lower Upper

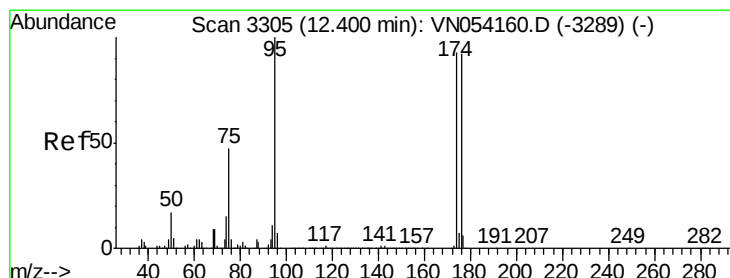
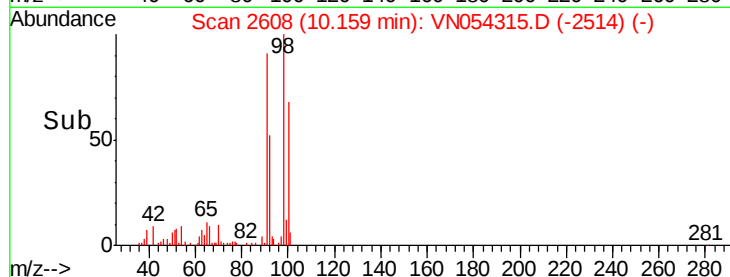
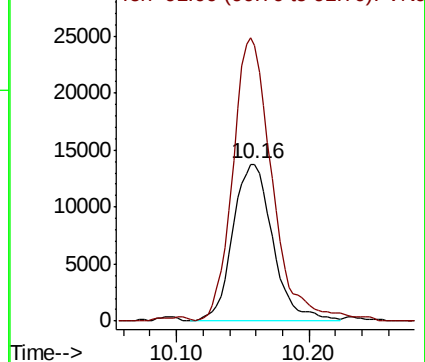
92 100

91 177.5 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 59.949 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

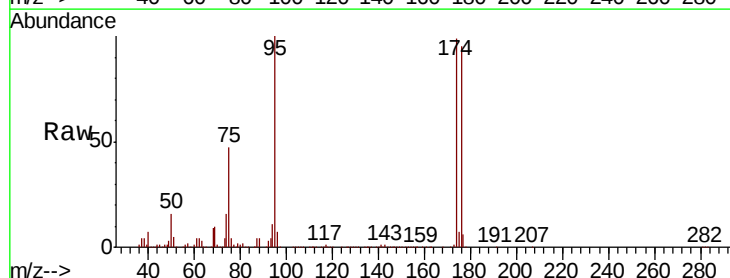
Tgt Ion: 95 Resp: 1051142

Ion Ratio Lower Upper

95 100

174 98.2 0.0 191.0

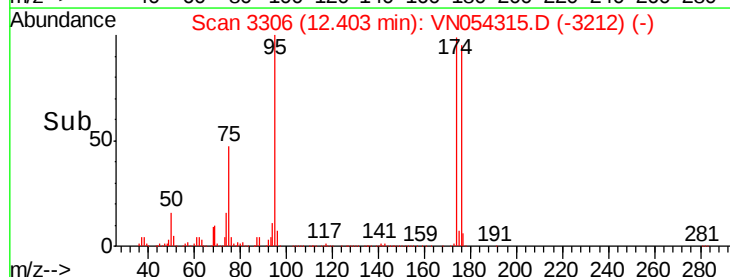
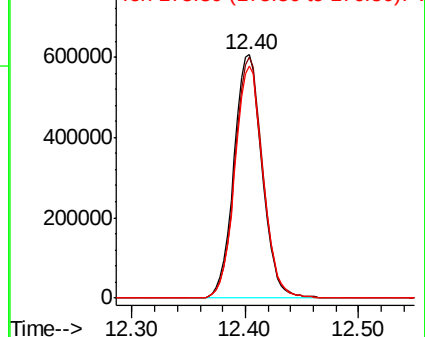
176 95.2 0.0 187.4

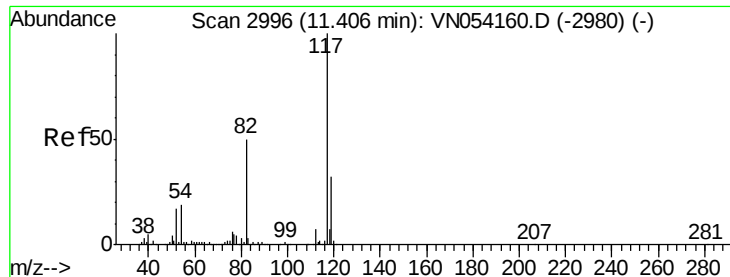


Abundance Ion 94.90 (94.60 to 95.60): VN0

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# 2996

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

MW-4ADL

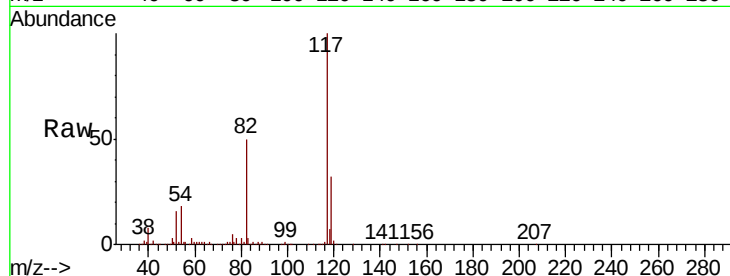
Tgt Ion:117 Resp: 2239130

Ion Ratio Lower Upper

117 100

82 50.0 40.0 60.0

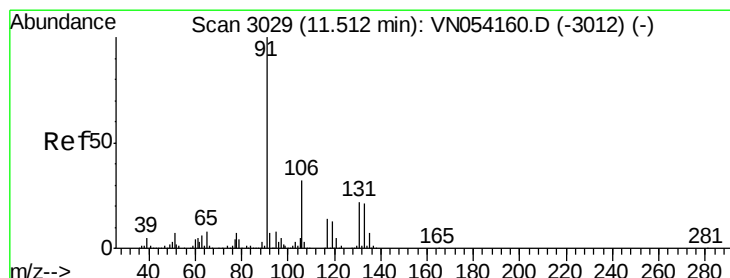
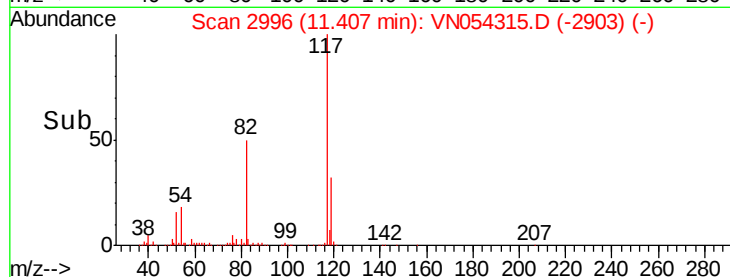
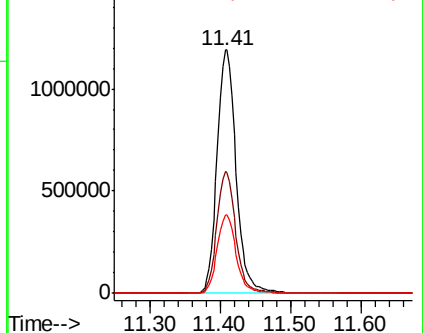
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 3.199 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN054315.D

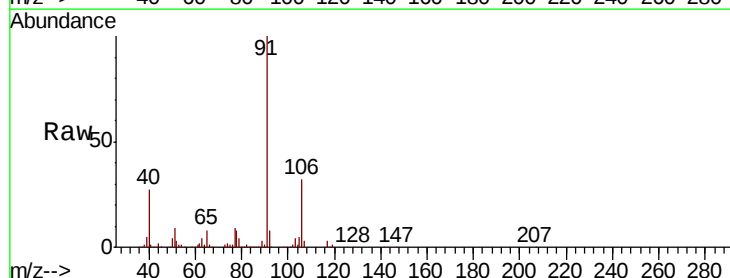
Acq: 15 Mar 2019 17:48

Tgt Ion: 91 Resp: 260695

Ion Ratio Lower Upper

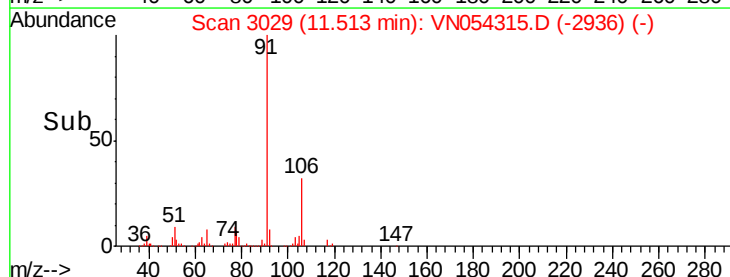
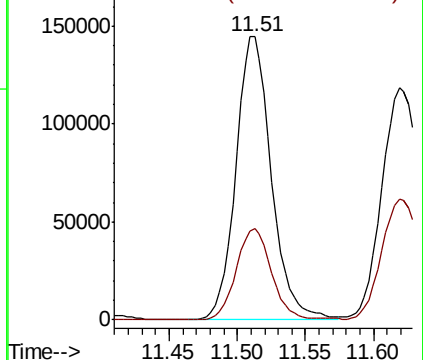
91 100

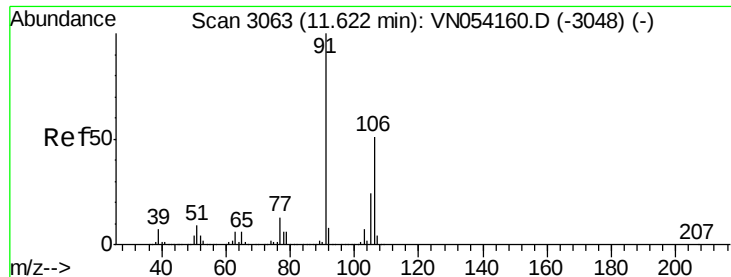
106 32.3 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

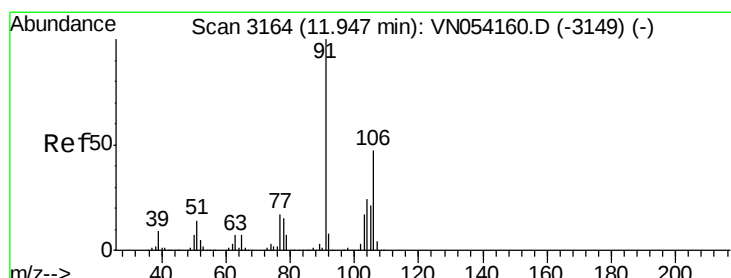
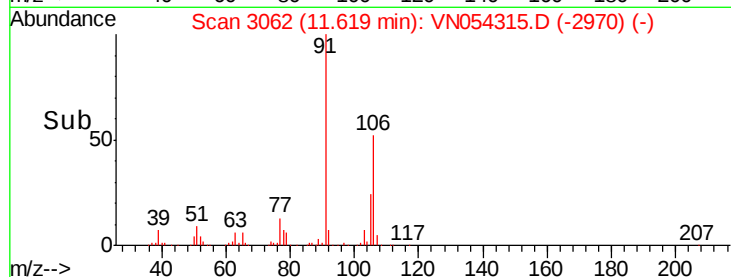
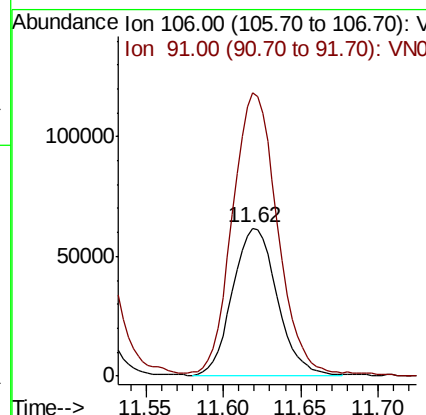
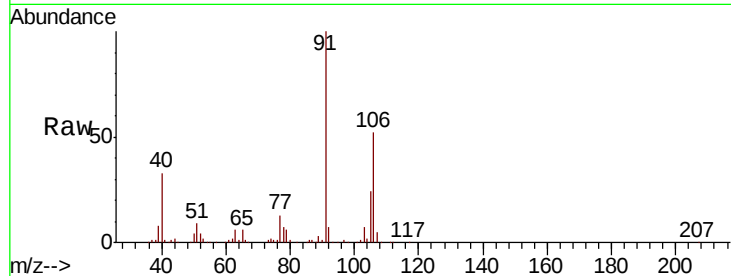




#68
m/p-Xylenes
Concen: 3.840 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

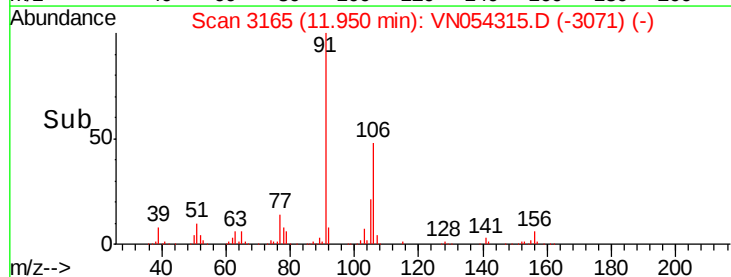
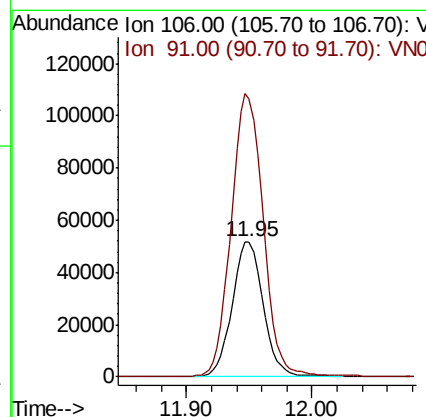
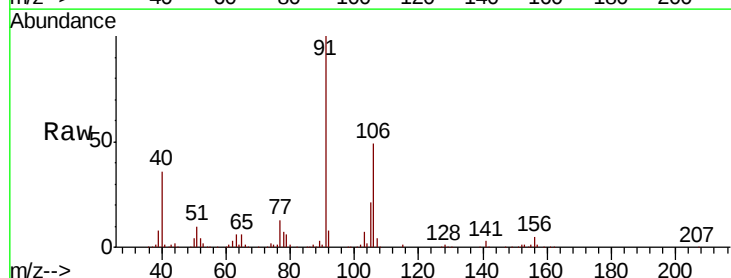
Instrument :
MSVOA_N
ClientSampled :
MW-4ADL

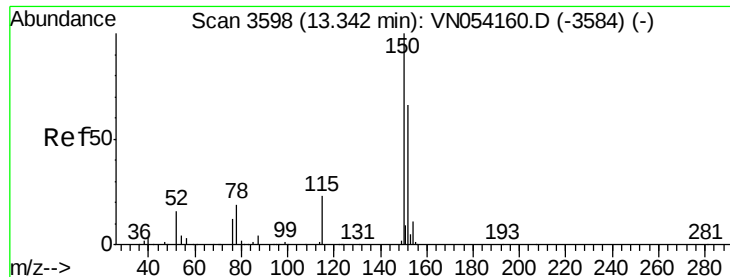
Tgt Ion:106 Resp: 122306
Ion Ratio Lower Upper
106 100
91 198.2 159.4 239.2



#69
o-Xylene
Concen: 2.873 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

Tgt Ion:106 Resp: 89223
Ion Ratio Lower Upper
106 100
91 217.3 105.7 317.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

MW-4ADL

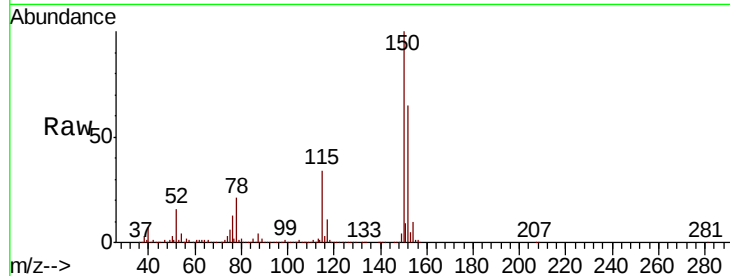
Tgt Ion:152 Resp: 1082665

Ion Ratio Lower Upper

152 100

115 54.6 27.2 81.6

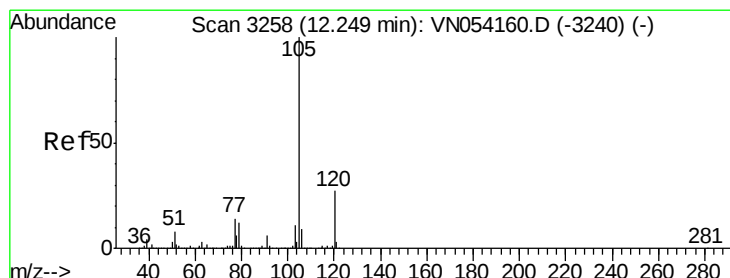
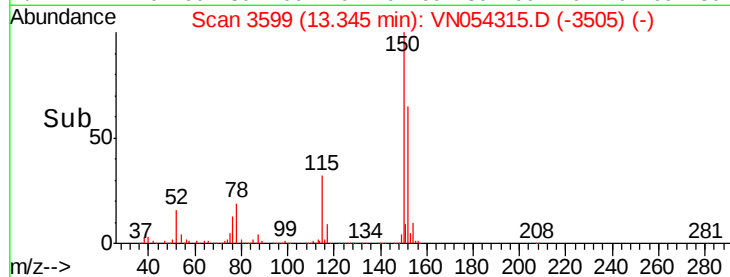
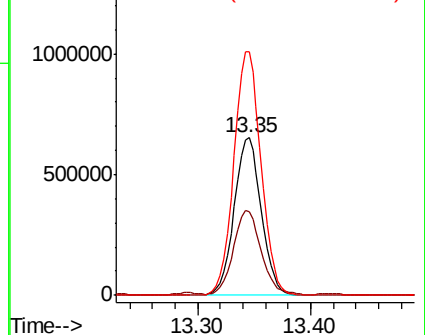
150 155.4 0.0 349.2



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: 1.292 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054315.D

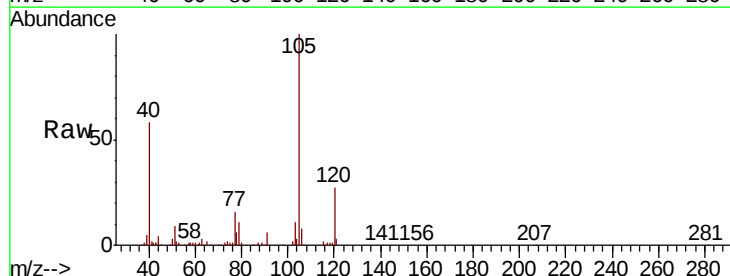
Acq: 15 Mar 2019 17:48

Tgt Ion:105 Resp: 111940

Ion Ratio Lower Upper

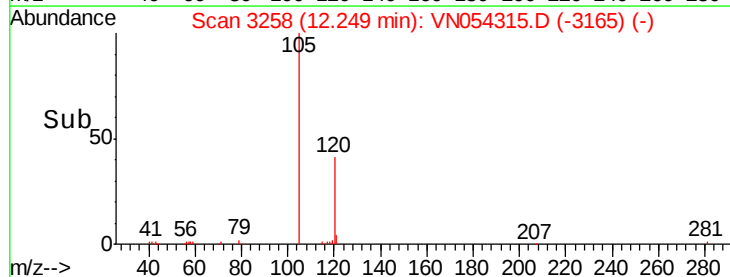
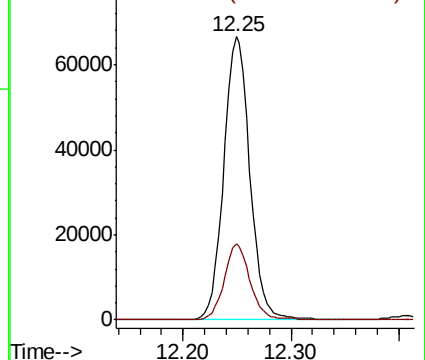
105 100

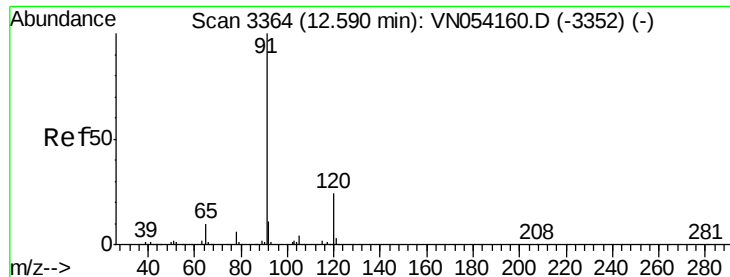
120 26.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.605 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

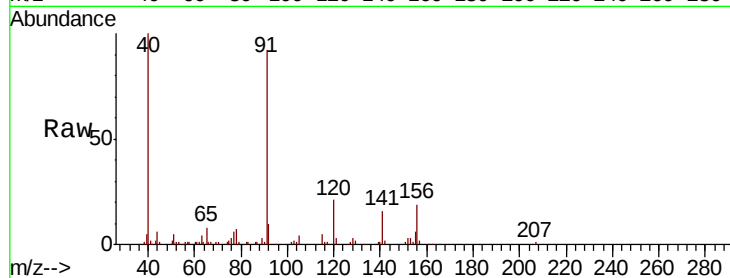
MW-4ADL

Tgt Ion: 91 Resp: 56818

Ion Ratio Lower Upper

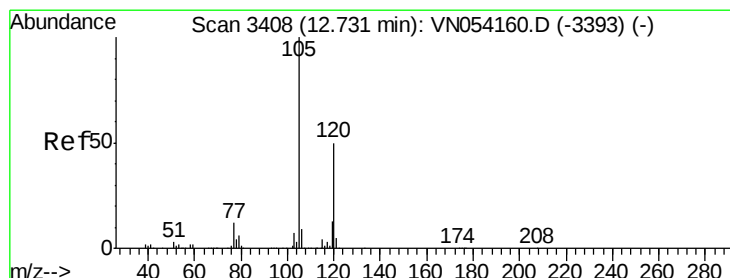
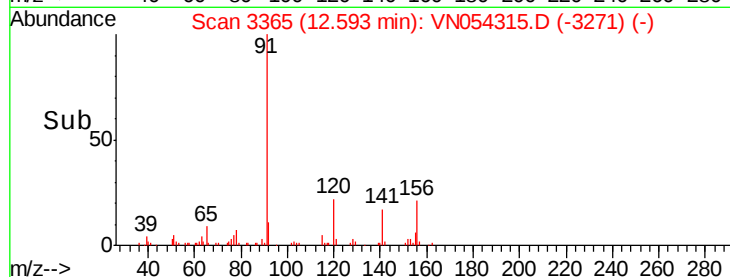
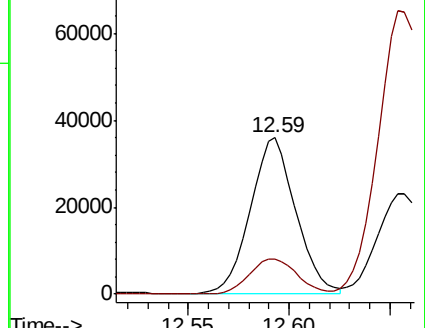
91 100

120 23.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN054160.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.493 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054315.D

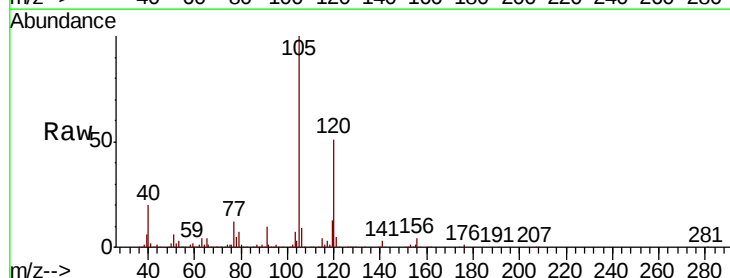
Acq: 15 Mar 2019 17:48

Tgt Ion: 105 Resp: 323691

Ion Ratio Lower Upper

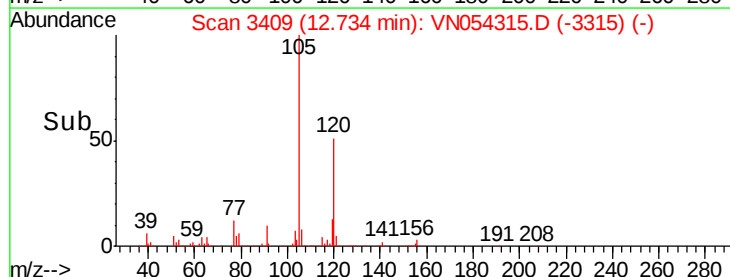
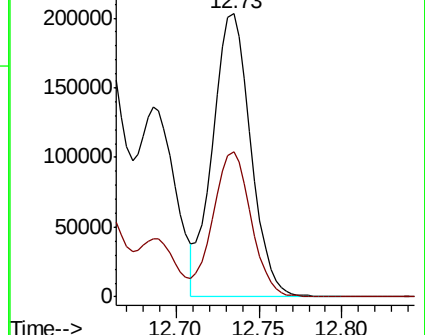
105 100

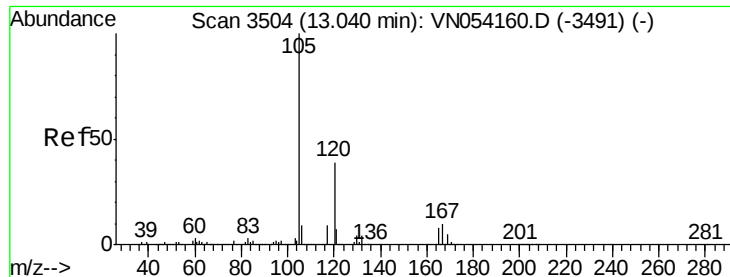
120 51.4 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054160.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN054160.D (-3393) (-)





#84

1,2,4-Trimethylbenzene

Concen: 12.525 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

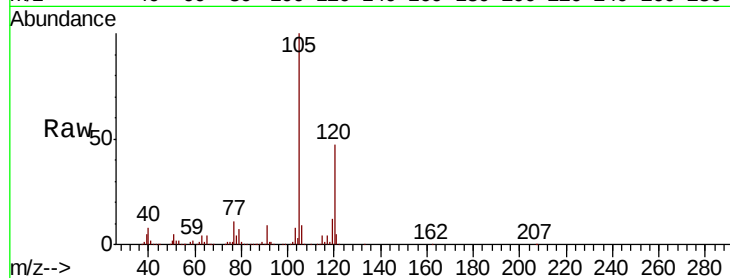
MW-4ADL

Tgt Ion:105 Resp: 885322

Ion Ratio Lower Upper

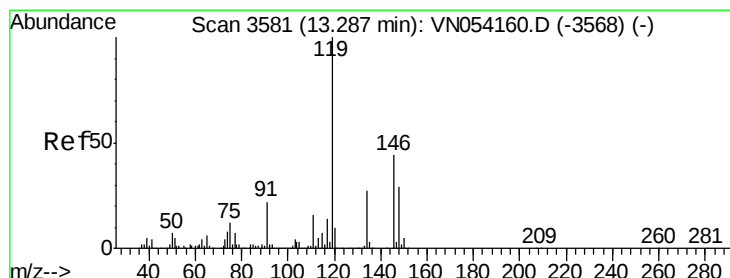
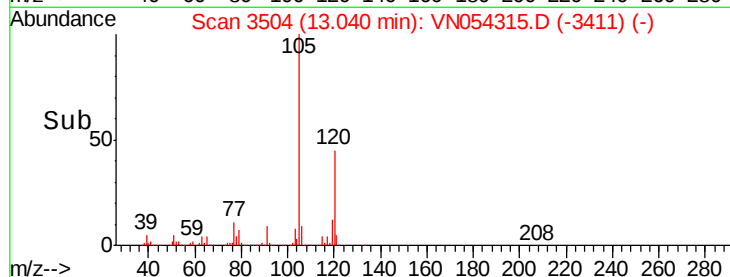
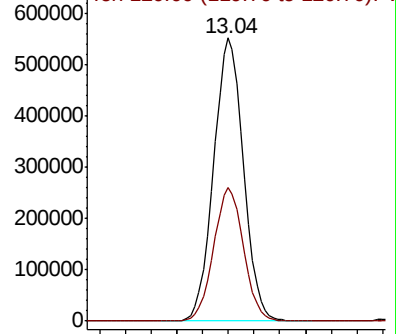
105 100

120 47.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 2.947 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

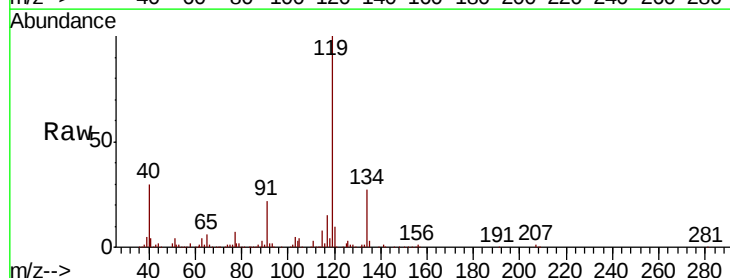
Tgt Ion:119 Resp: 222346

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

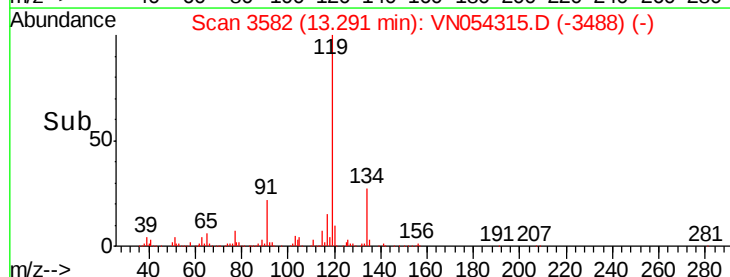
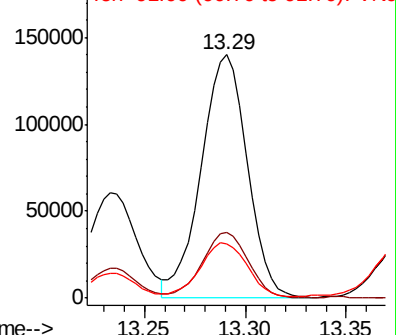
91 22.5 11.1 33.3

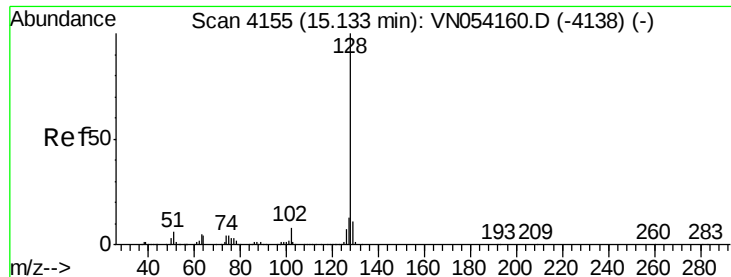


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#95
Naphthalene
Concen: 296.550 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion:128 Resp:14954963
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.7 13.1

