

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054310.D
 Acq On : 15 Mar 2019 15:30
 Operator : JC/SP
 Sample : K1899-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5A

Quant Time: Mar 16 03:52:56 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	1291565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2162629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2230045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	901526	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	683183	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
35) Dibromofluoromethane	7.59	113	669578	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	10.09	98	2674336	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.40	95	985568	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	

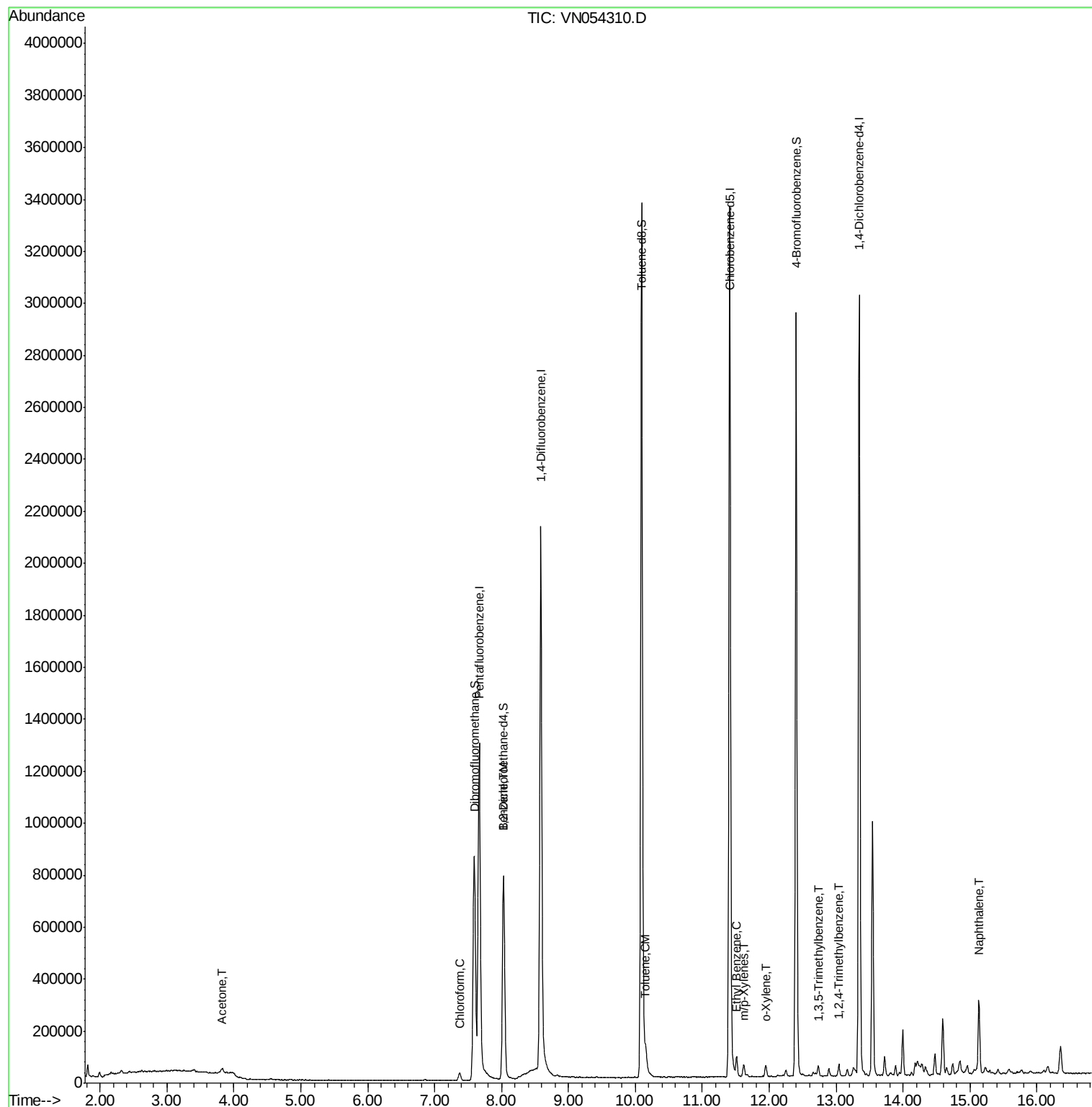
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	27985	7.126	ug/l	95
30) Chloroform	7.38	83	31242	1.357	ug/l	94
40) Benzene	8.04	78	24089	0.423	ug/l	98
52) Toluene	10.16	92	20591	0.570	ug/l	89
67) Ethyl Benzene	11.51	91	54124	0.667	ug/l	99
68) m/p-Xylenes	11.62	106	15419	0.486	ug/l	98
69) o-Xylene	11.95	106	13048	0.422	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	19319	0.322	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	26444	0.449	ug/l	100
95) Naphthalene	15.13	128	258566	9.555	ug/l	99

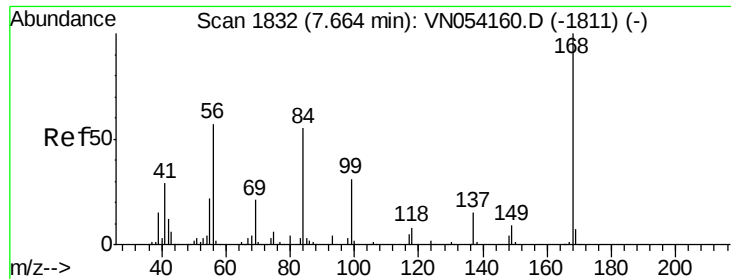
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

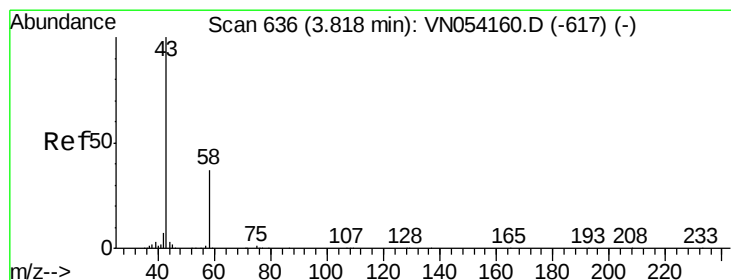
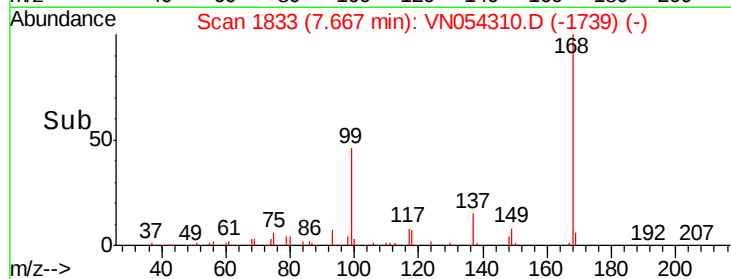
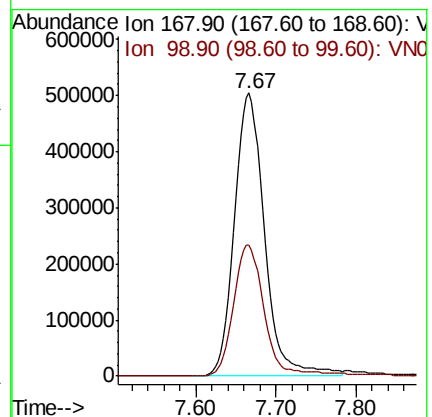
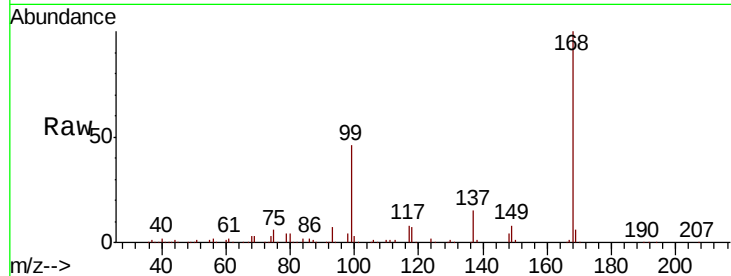
MW-5A

Tgt Ion:168 Resp: 1291565

Ion Ratio Lower Upper

168 100

99 46.4 37.1 55.7



#16

Acetone

Concen: 7.126 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054310.D

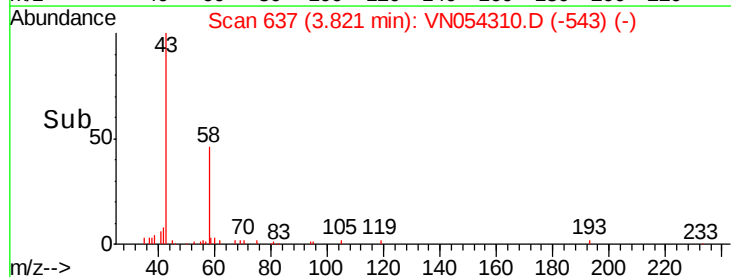
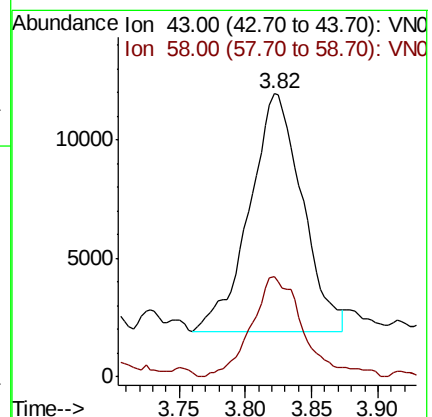
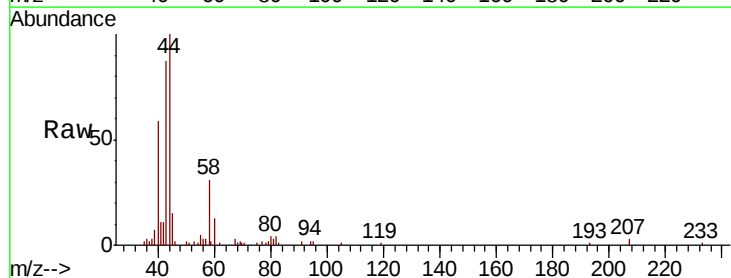
Acq: 15 Mar 2019 15:30

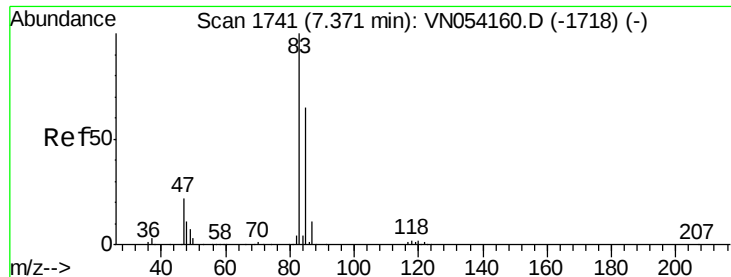
Tgt Ion: 43 Resp: 27985

Ion Ratio Lower Upper

43 100

58 40.3 29.9 44.9

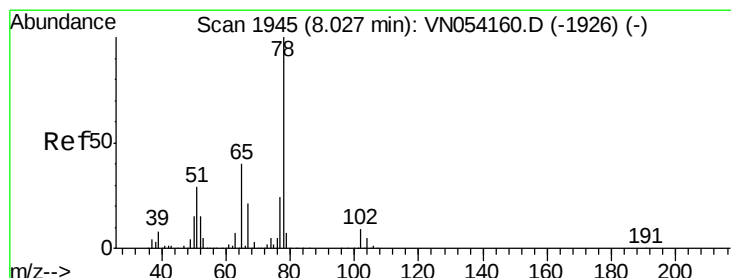
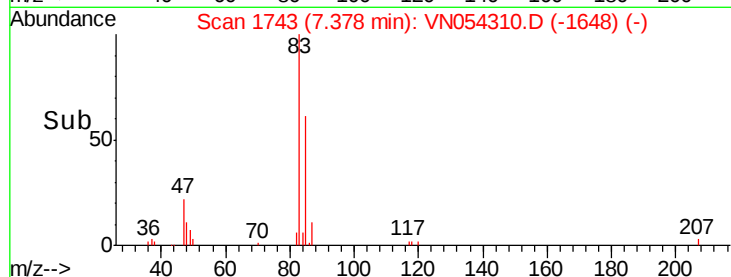
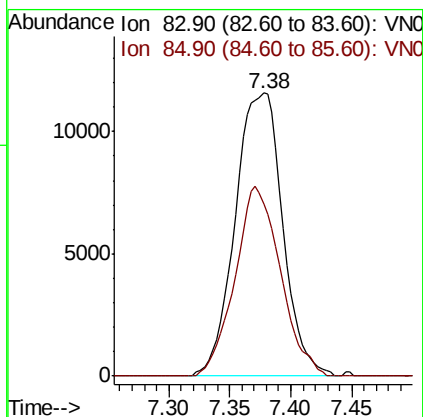
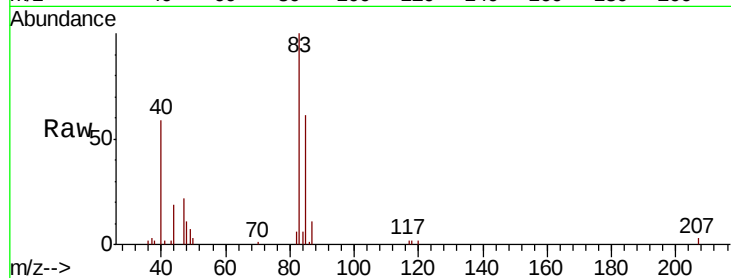




#30
Chloroform
Concen: 1.357 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

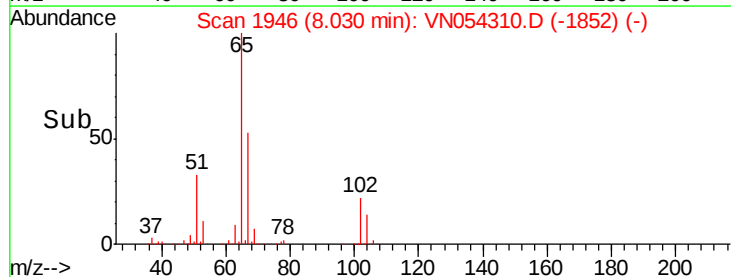
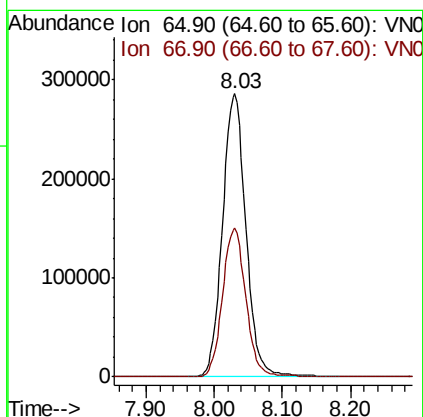
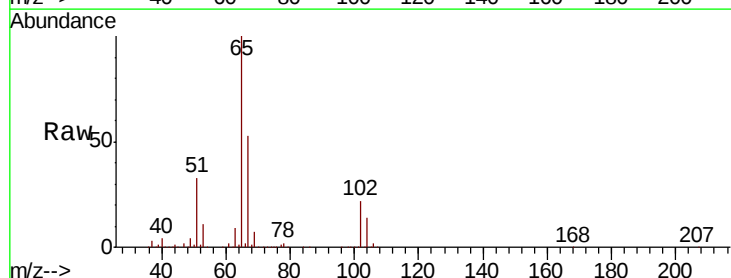
Instrument :
MSVOA_N
ClientSampled :
MW-5A

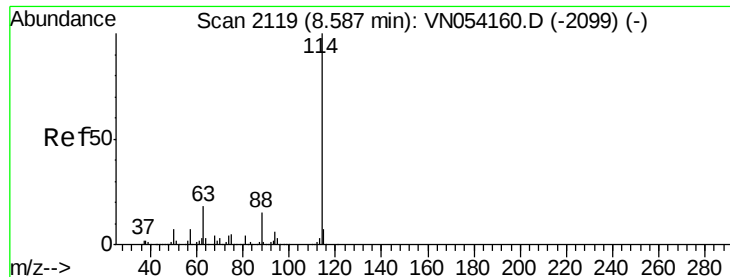
Tgt Ion: 83 Resp: 31242
Ion Ratio Lower Upper
83 100
85 60.8 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 49.808 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

Tgt Ion: 65 Resp: 683183
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

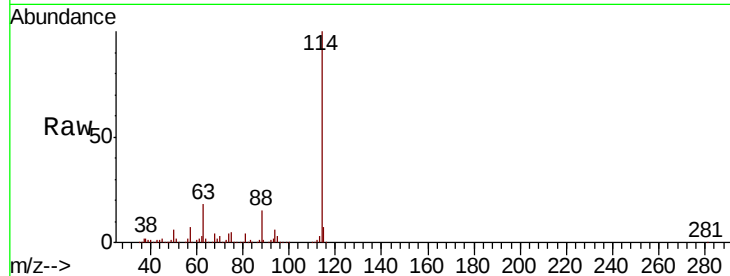
Tgt Ion:114 Resp: 2162629

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

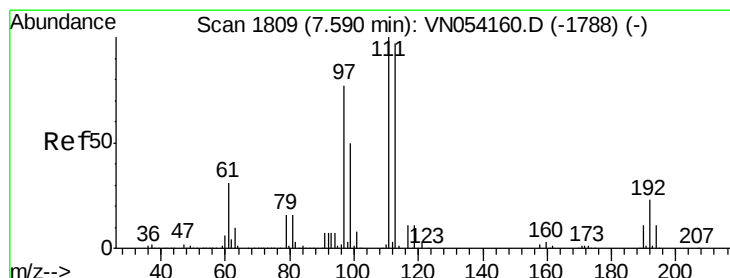
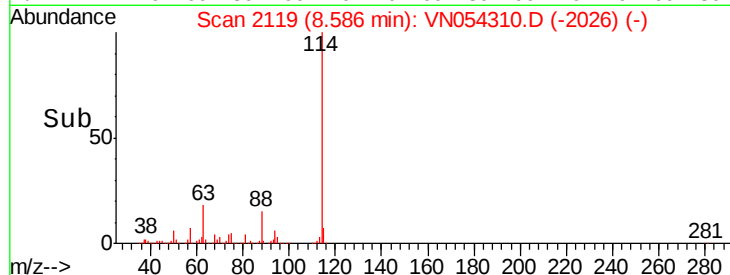
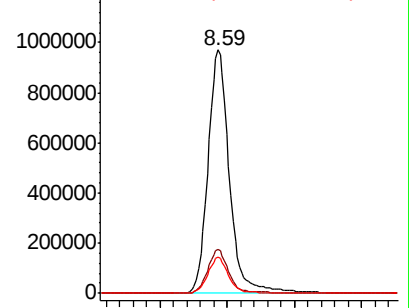
88 14.8 0.0 30.2



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: 48.005 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

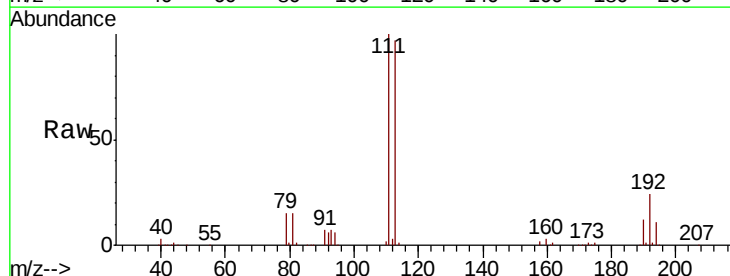
Tgt Ion:113 Resp: 669578

Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

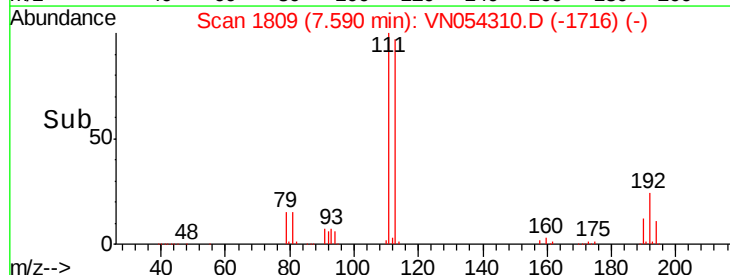
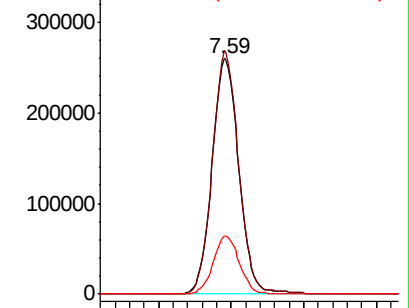
192 24.2 19.2 28.8

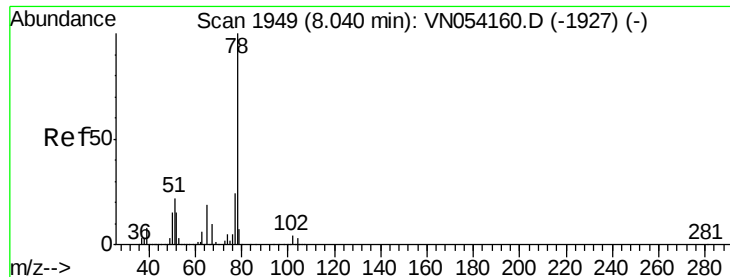


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.423 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

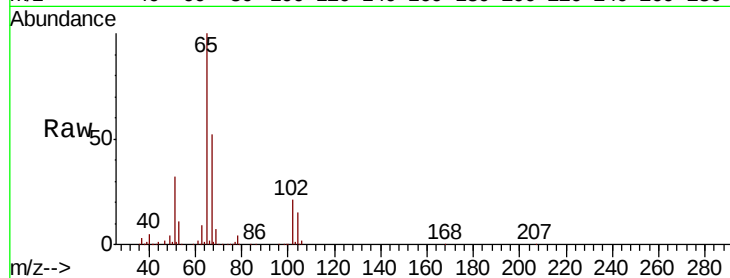
MW-5A

Tgt Ion: 78 Resp: 24089

Ion Ratio Lower Upper

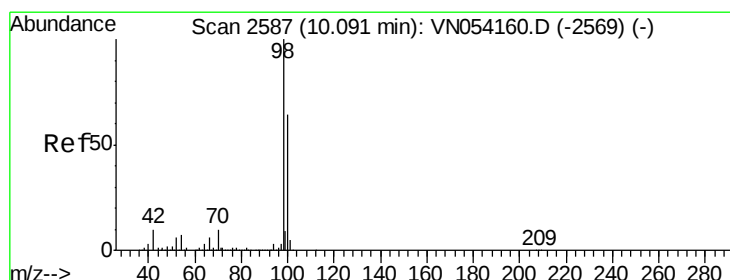
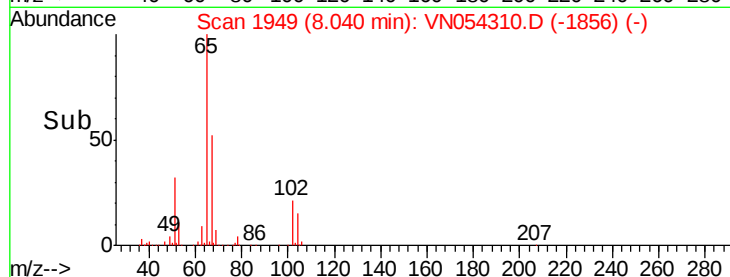
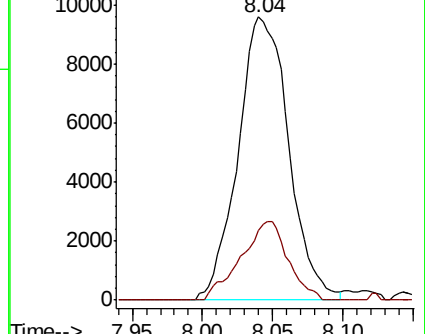
78 100

77 24.8 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 51.917 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054310.D

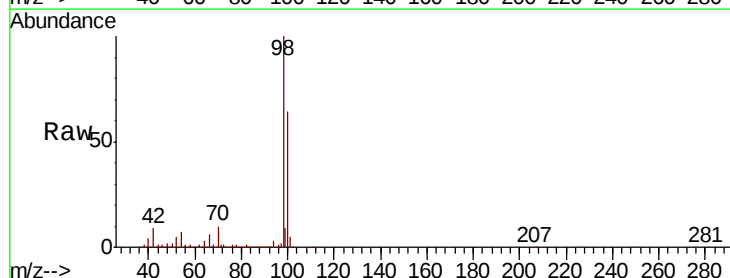
Acq: 15 Mar 2019 15:30

Tgt Ion: 98 Resp: 2674336

Ion Ratio Lower Upper

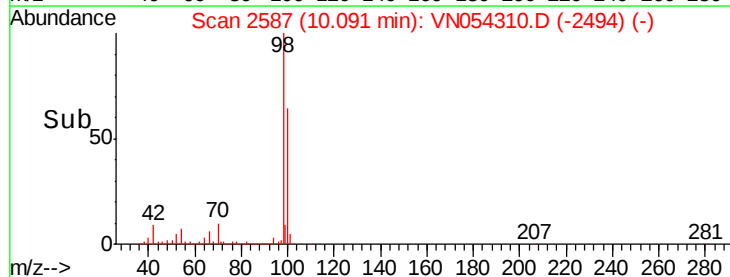
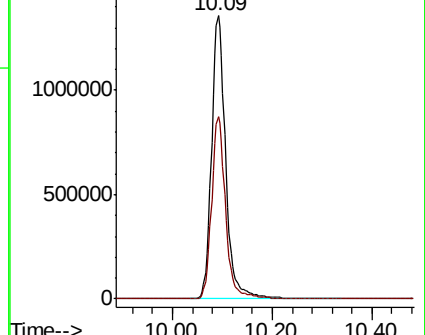
98 100

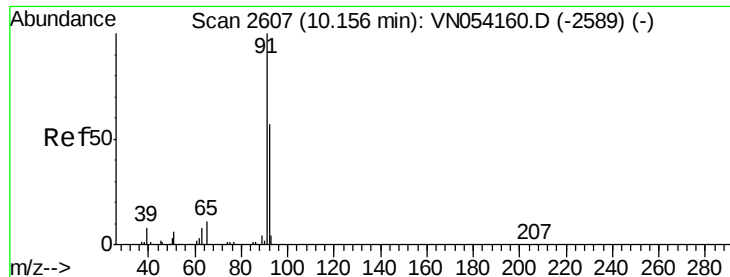
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 0.570 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampled :

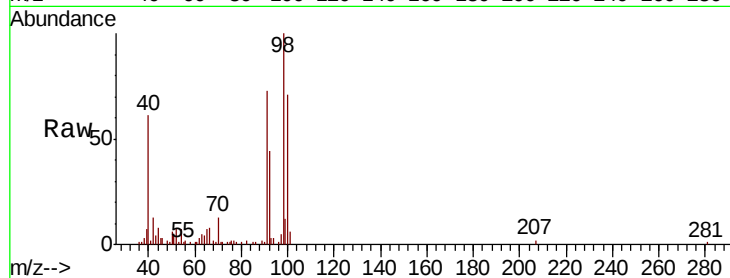
MW-5A

Tgt Ion: 92 Resp: 20591

Ion Ratio Lower Upper

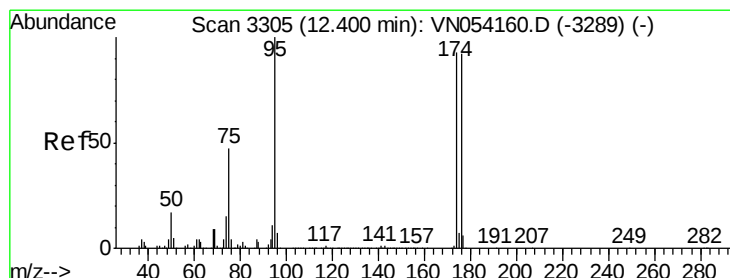
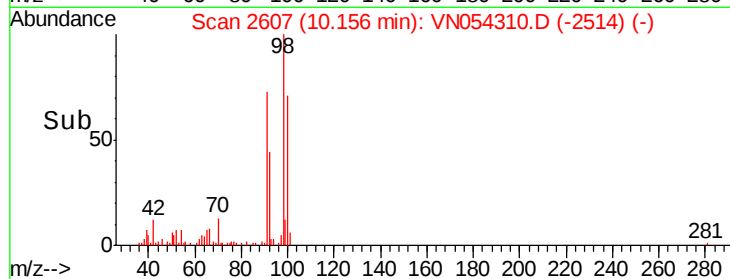
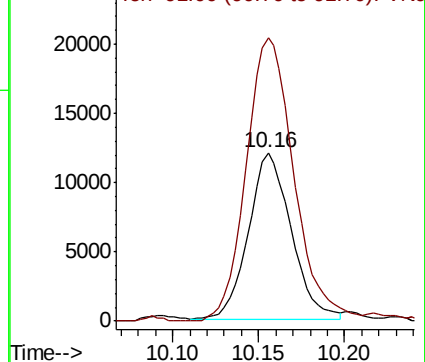
92 100

91 191.6 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 54.680 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

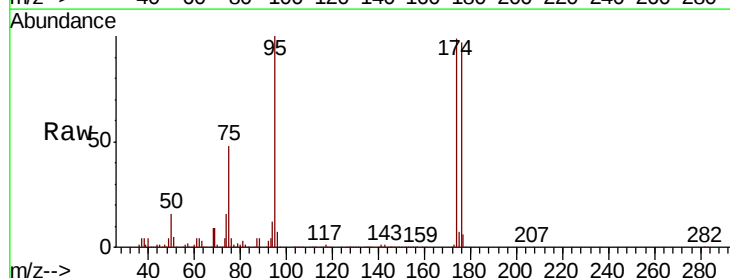
Tgt Ion: 95 Resp: 985568

Ion Ratio Lower Upper

95 100

174 98.9 0.0 191.0

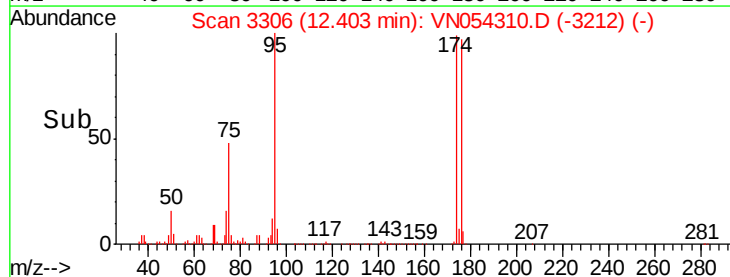
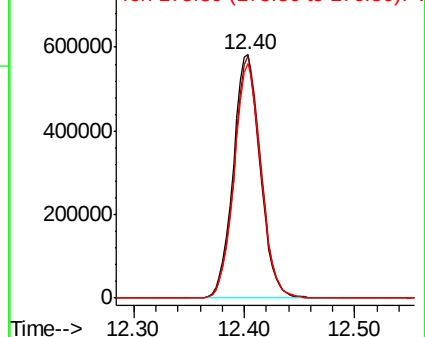
176 95.8 0.0 187.4

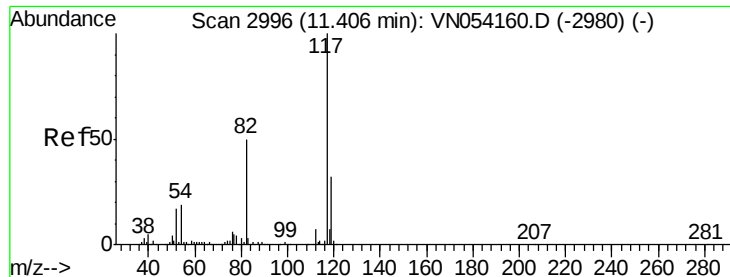


Abundance Ion 94.90 (94.60 to 95.60): VN0

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# 2997

Delta R.T. 0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

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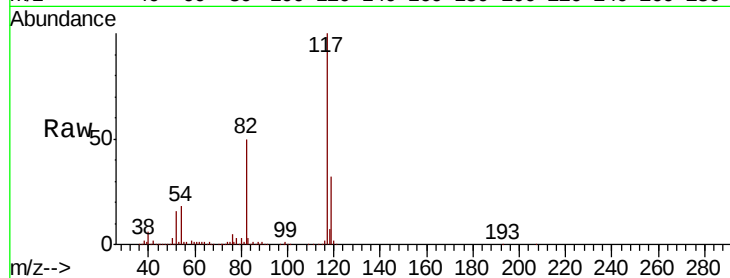
Tgt Ion:117 Resp: 2230045

Ion Ratio Lower Upper

117 100

82 49.5 40.0 60.0

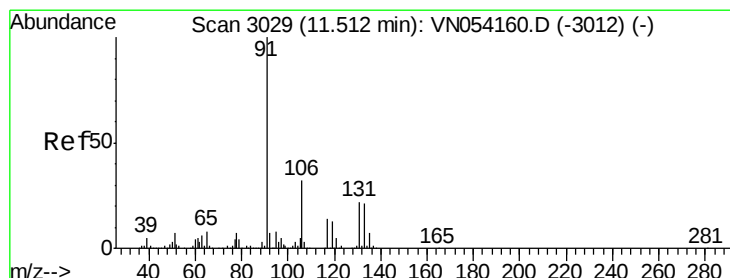
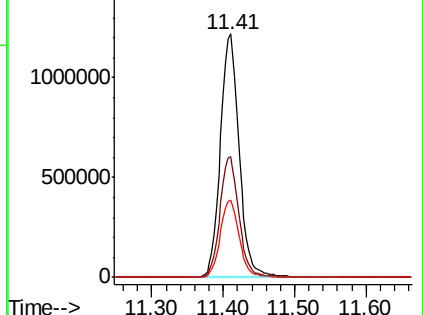
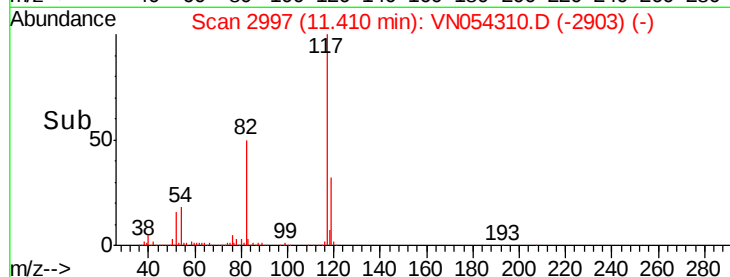
119 32.0 25.8 38.6



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: 0.667 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN054310.D

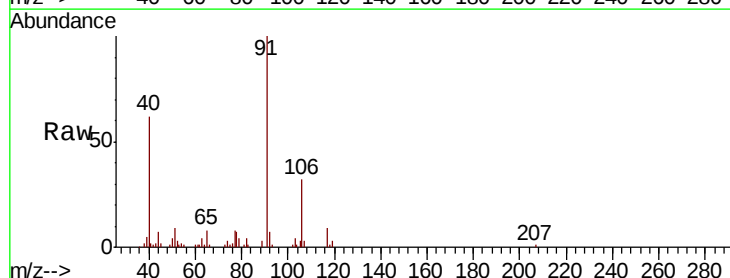
Acq: 15 Mar 2019 15:30

Tgt Ion: 91 Resp: 54124

Ion Ratio Lower Upper

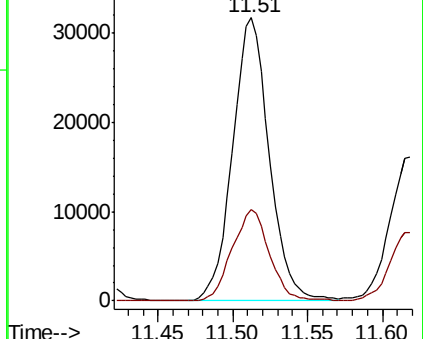
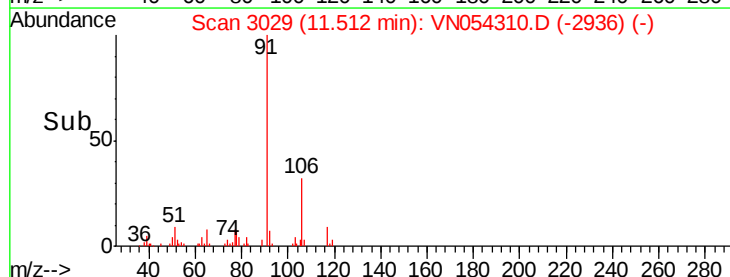
91 100

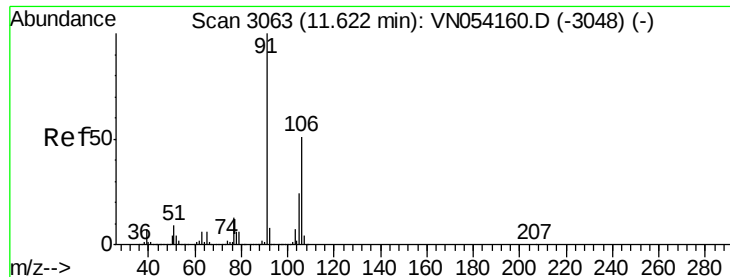
106 32.4 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

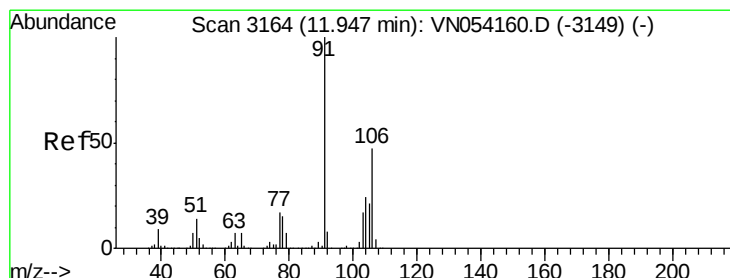
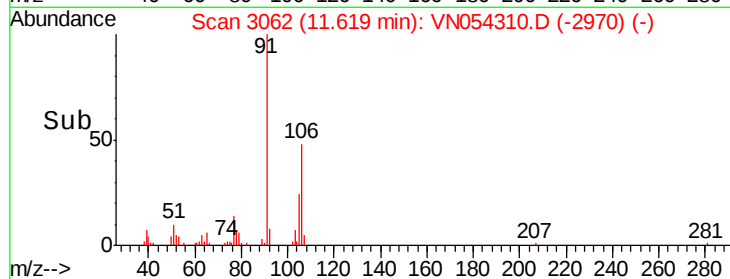
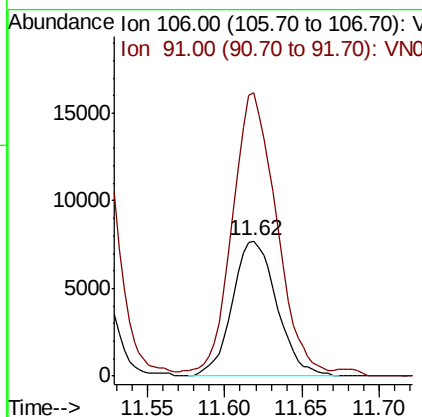
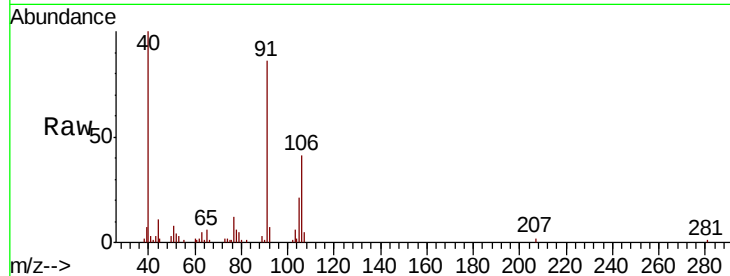




#68
m/p-Xylenes
Concen: 0.486 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

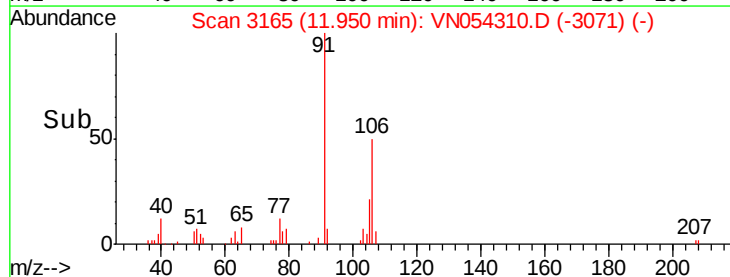
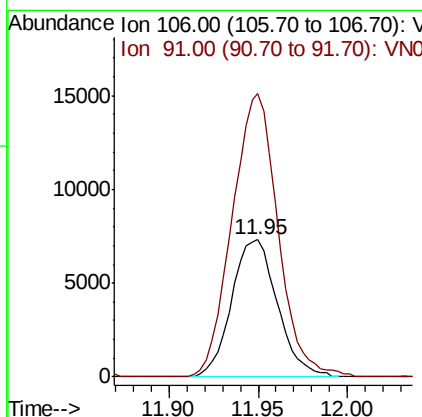
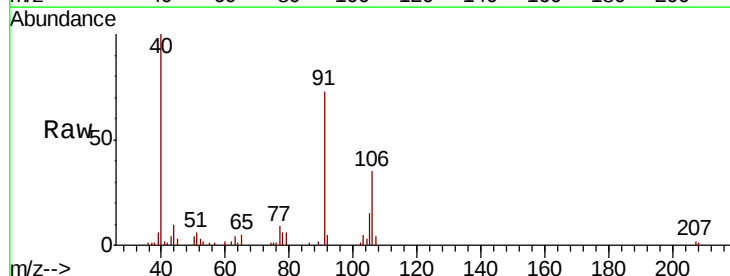
Instrument :
MSVOA_N
ClientSampled :
MW-5A

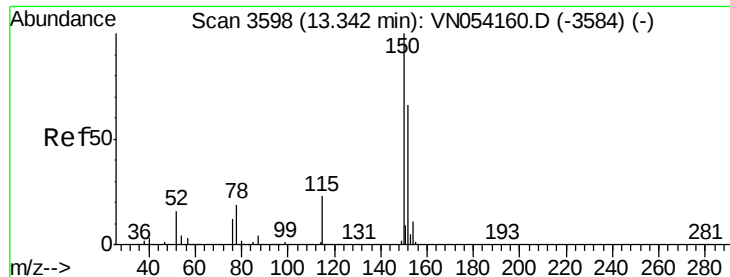
Tgt Ion:106 Resp: 15419
Ion Ratio Lower Upper
106 100
91 201.8 159.4 239.2



#69
o-Xylene
Concen: 0.422 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054310.D
Acq: 15 Mar 2019 15:30

Tgt Ion:106 Resp: 13048
Ion Ratio Lower Upper
106 100
91 206.9 105.7 317.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054310.D

Acq: 15 Mar 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

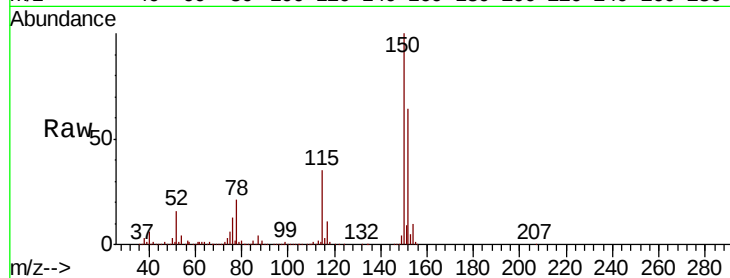
Tgt Ion:152 Resp: 901526

Ion Ratio Lower Upper

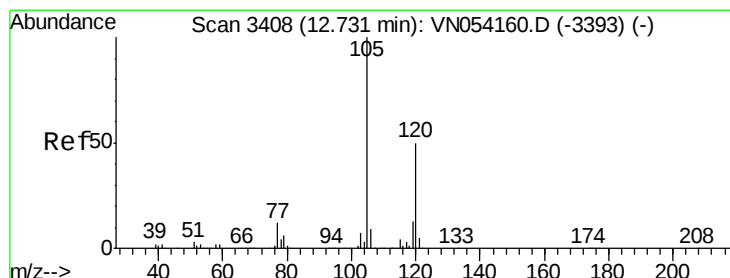
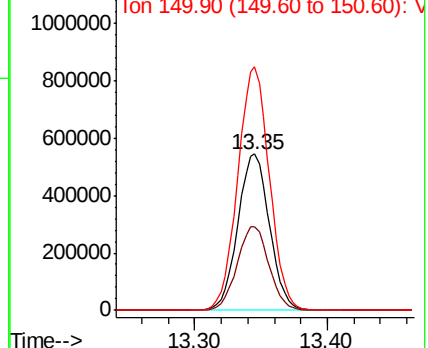
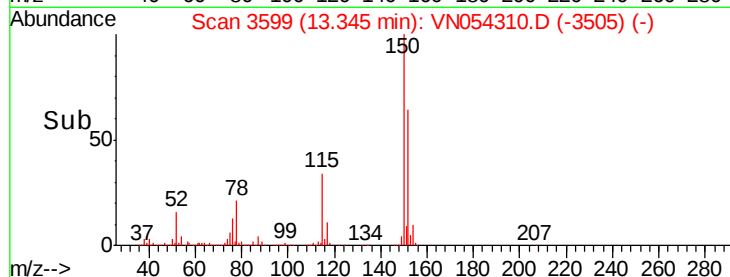
152 100

115 53.9 27.2 81.6

150 155.6 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



#80

1,3,5-Trimethylbenzene

Concen: 0.322 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054310.D

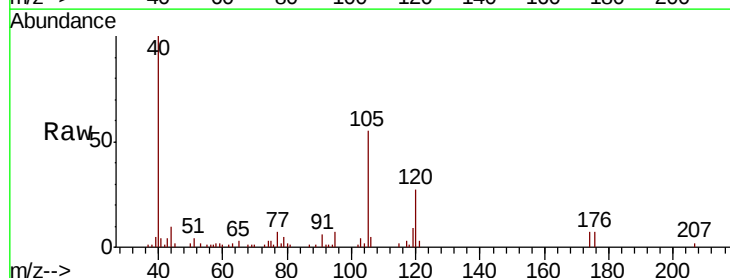
Acq: 15 Mar 2019 15:30

Tgt Ion:105 Resp: 19319

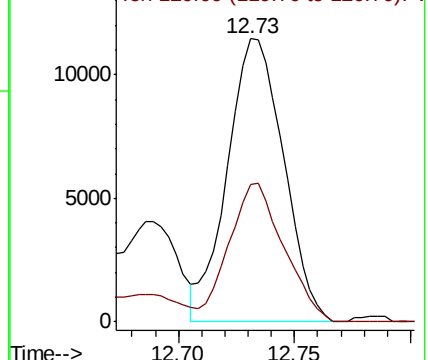
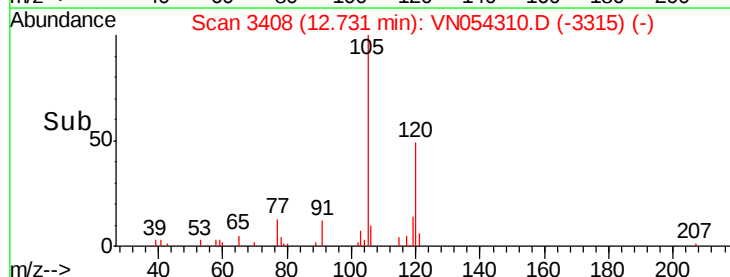
Ion Ratio Lower Upper

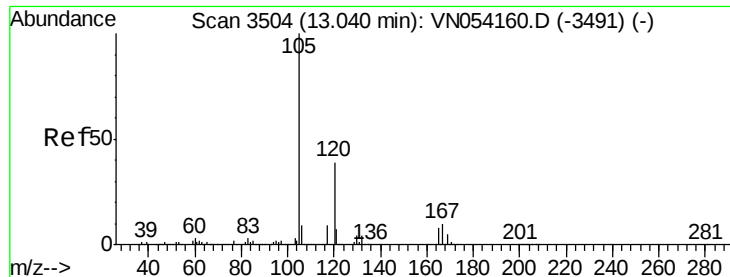
105 100

120 47.5 25.0 75.0



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

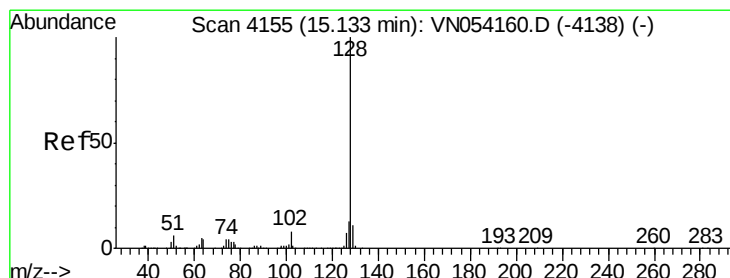
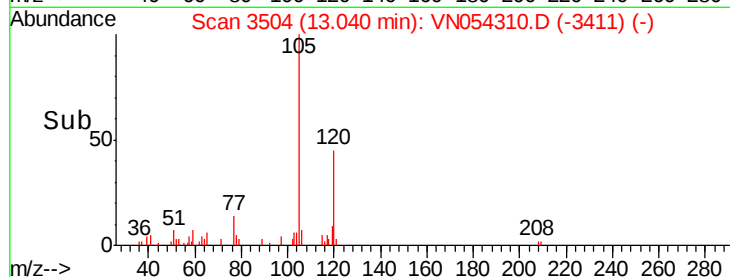
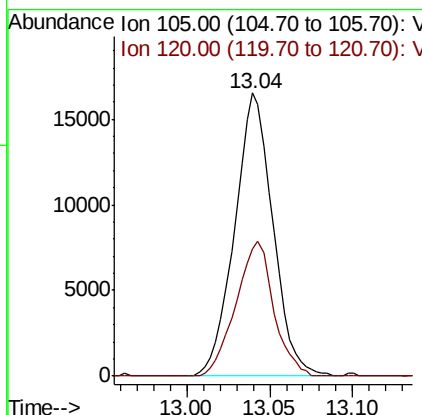
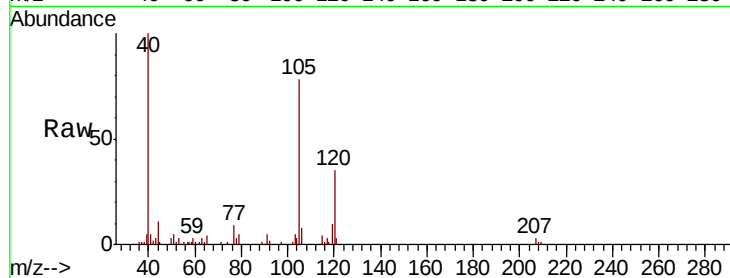




#84
 1,2,4-Trimethylbenzene
 Concen: 0.449 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054310.D
 Acq: 15 Mar 2019 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5A

Tgt Ion:105 Resp: 26444
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.3



#95
 Naphthalene
 Concen: 9.555 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN054310.D
 Acq: 15 Mar 2019 15:30

Tgt Ion:128 Resp: 258566
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.1 15.1
 129 10.8 8.7 13.1

