

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053698.D
 Acq On : 11 Feb 2019 12:19
 Operator : JC/SP
 Sample : K1423-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HB-VJ210

Quant Time: Feb 11 22:35:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	738416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1211929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1112886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	463781	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	386163	52.13	ug/l	0.00
Spiked Amount						
			Recovery	=	104.26%	
35) Dibromofluoromethane	7.59	113	385464	50.34	ug/l	0.00
Spiked Amount						
			Recovery	=	100.68%	
50) Toluene-d8	10.09	98	1468724	51.08	ug/l	0.00
Spiked Amount						
			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.40	95	488954	50.99	ug/l	0.00
Spiked Amount						
			Recovery	=	101.98%	

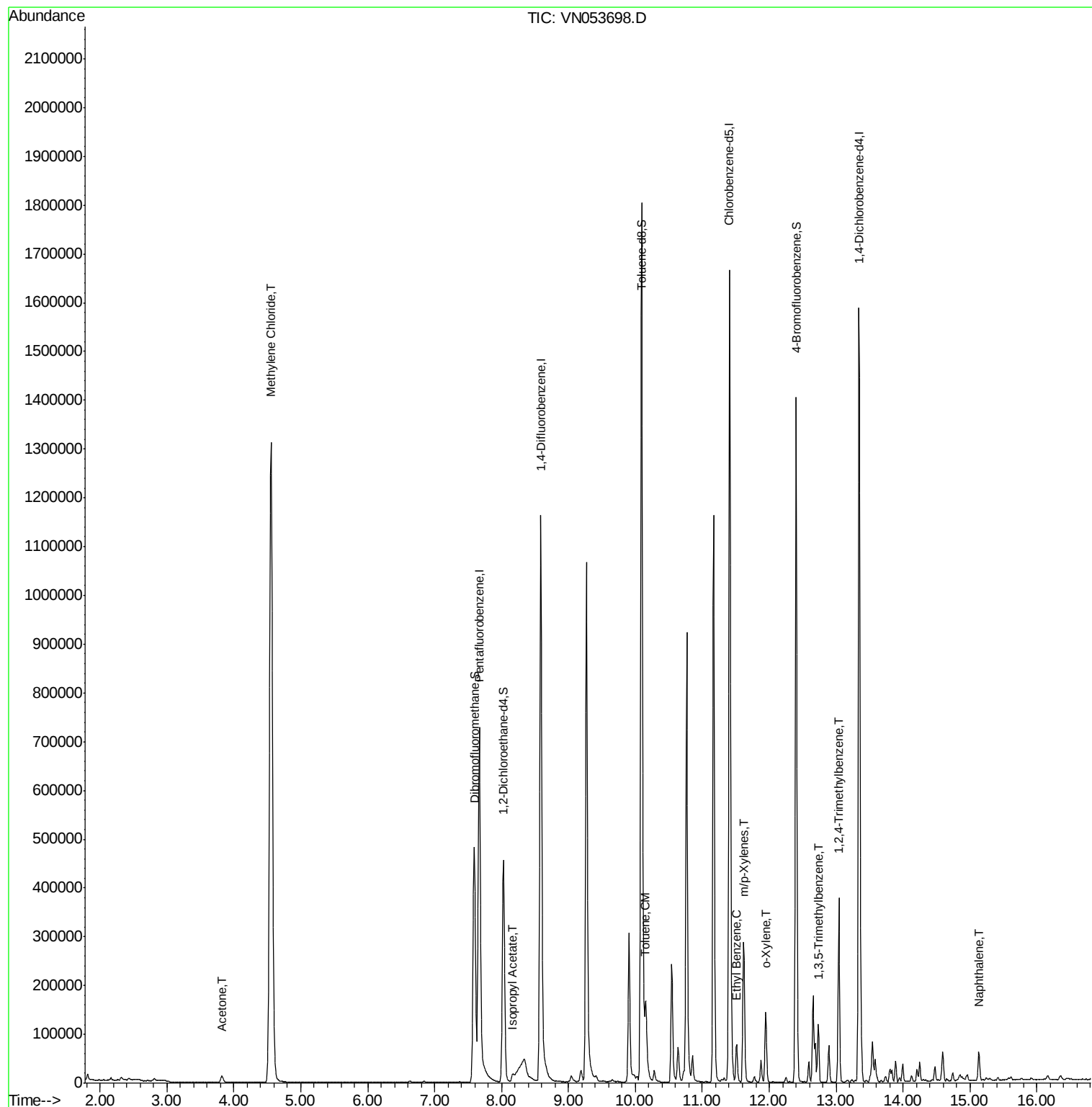
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	23534	12.386	ug/l	97
20) Methylene Chloride	4.55	84	1049201	131.616	ug/l	99
43) Isopropyl Acetate	8.17	43	24333	2.065	ug/l #	87
52) Toluene	10.16	92	58640	2.933	ug/l	98
67) Ethyl Benzene	11.51	91	62067	1.598	ug/l	100
68) m/p-Xylenes	11.62	106	100675	6.793	ug/l	100
69) o-Xylene	11.95	106	41405	2.892	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	67435	2.494	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	216305	7.853	ug/l	99
95) Naphthalene	15.13	128	53726	4.282	ug/l	100

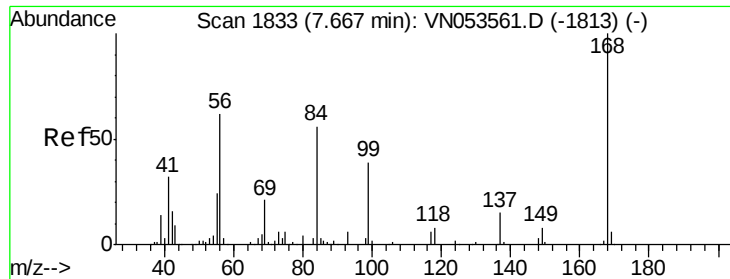
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021119\
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Quant Time: Feb 11 22:35:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

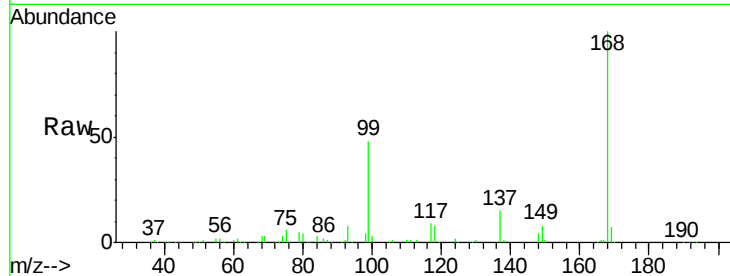
HB-VJ210

Tot Ion:168 Resp: 738416

Ion Ratio Lower Upper

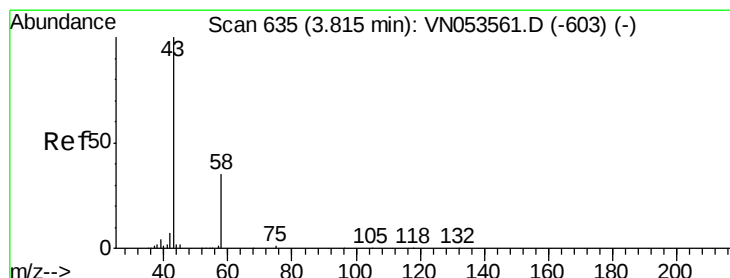
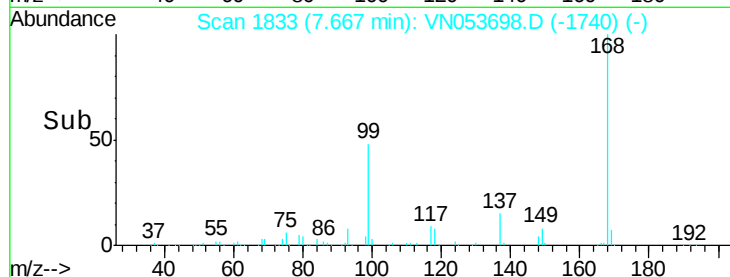
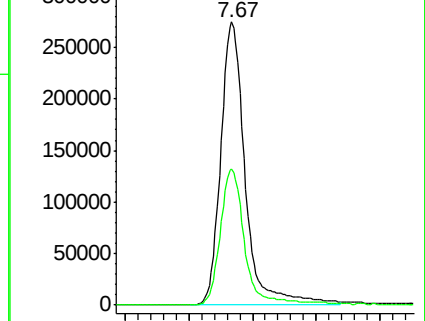
168 100

99 48.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.386 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053698.D

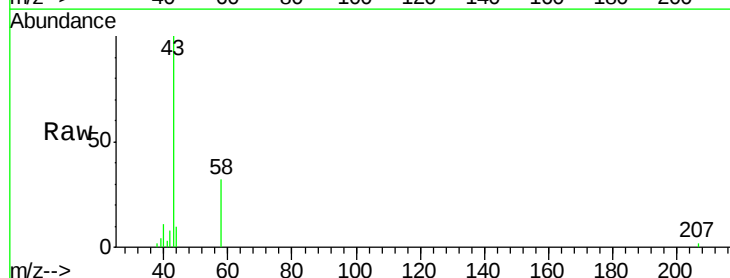
Acq: 11 Feb 2019 12:19

Tgt Ion: 43 Resp: 23534

Ion Ratio Lower Upper

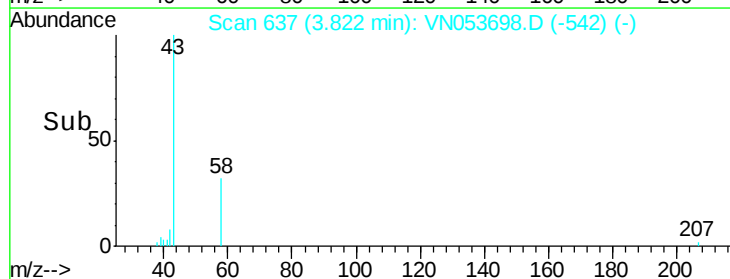
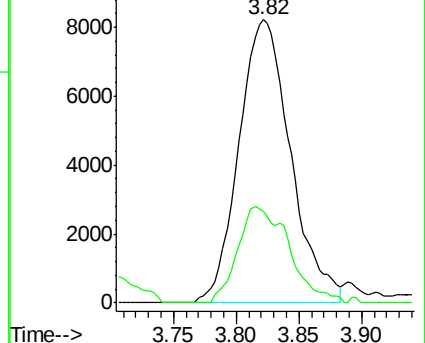
43 100

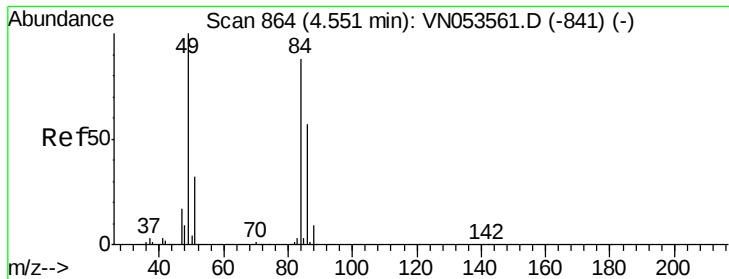
58 32.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 131.616 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

HB-VJ210

Tot Ion: 84 Resp: 1049201

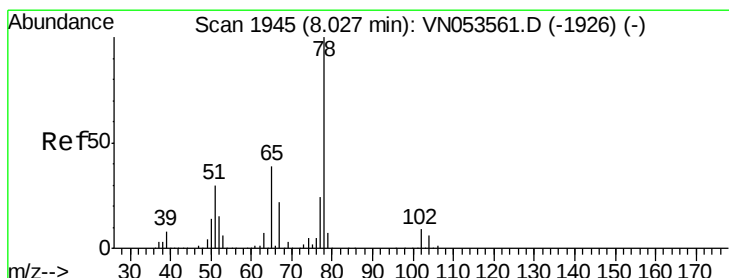
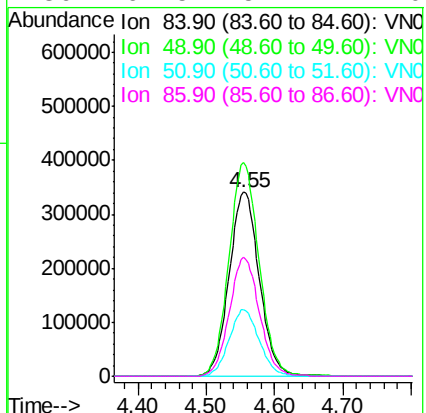
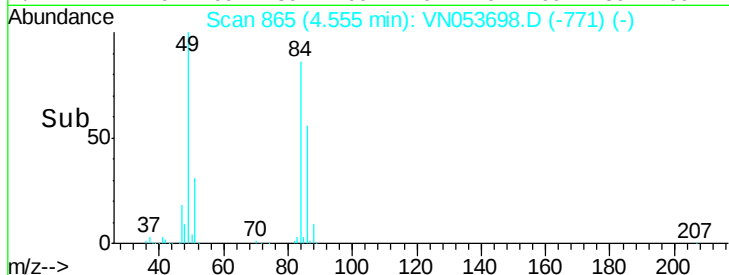
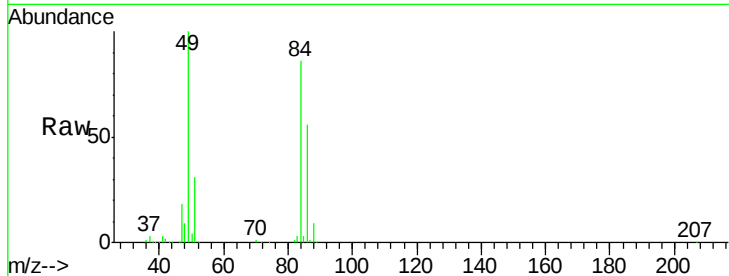
Ion Ratio Lower Upper

84 100

49 116.0 94.3 141.5

51 36.3 29.4 44.2

86 64.5 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: 52.130 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053698.D

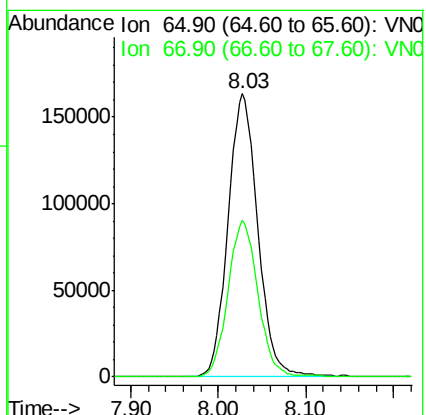
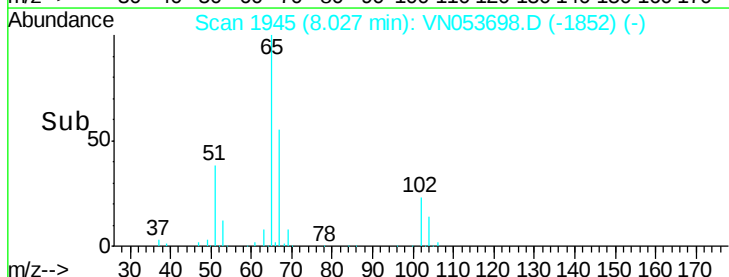
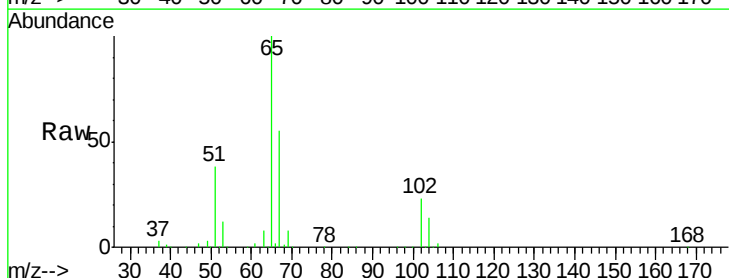
Acq: 11 Feb 2019 12:19

Tgt Ion: 65 Resp: 386163

Ion Ratio Lower Upper

65 100

67 55.7 0.0 111.2

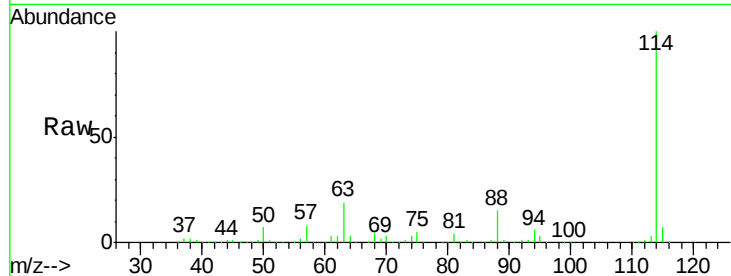




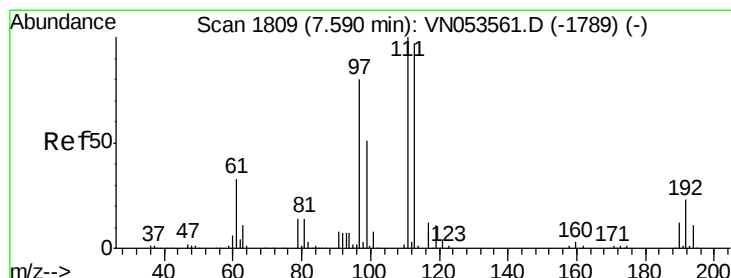
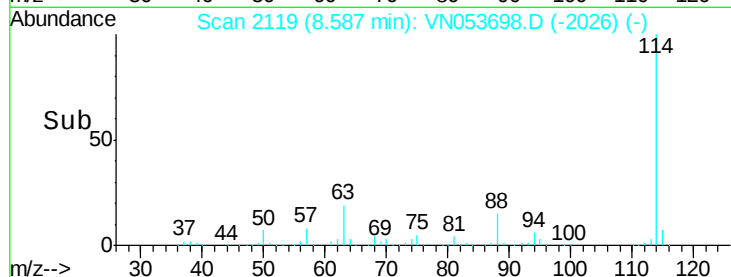
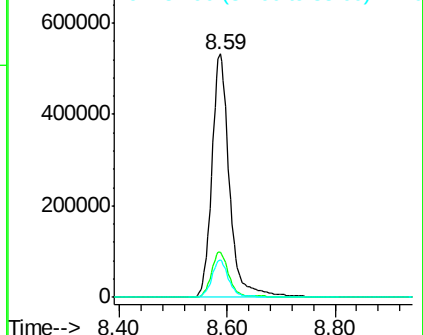
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

Instrument :
MSVOA_N
ClientSampleId :
HB-VJ210

Tot Ion:114 Resp: 1211929
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.6
88 15.5 0.0 30.4

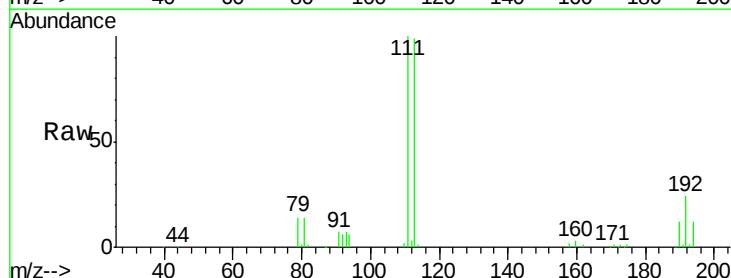


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

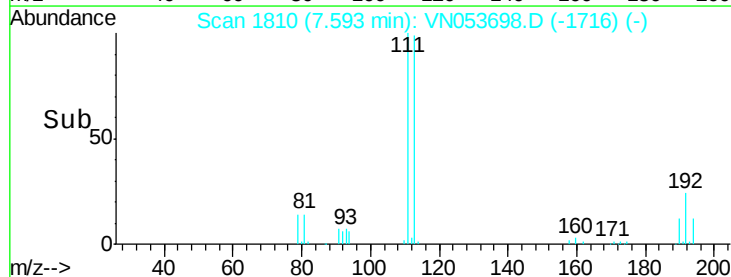
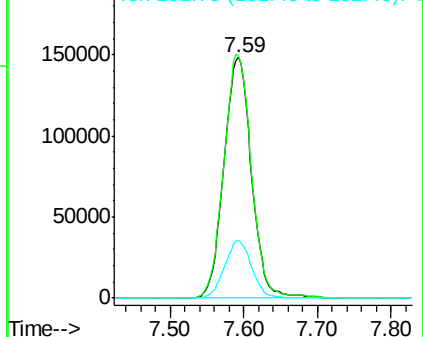


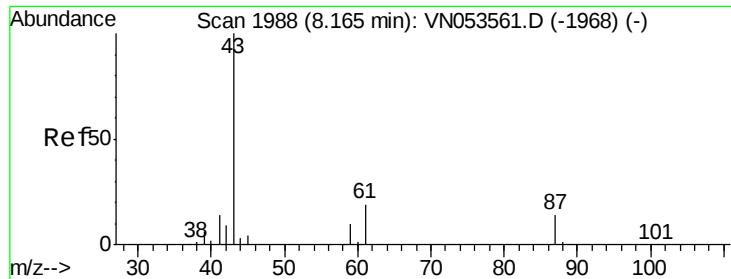
#35
Dibromofluoromethane
Concen: 50.336 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

Tgt Ion:113 Resp: 385464
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 23.5 18.2 27.2



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





#43

Isopropyl Acetate

Concen: 2.065 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

HB-VJ210

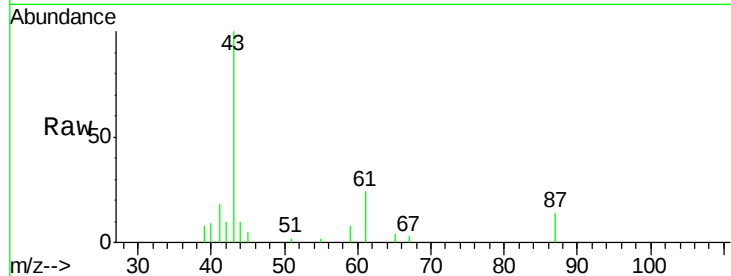
Tot Ion: 43 Resp: 24333

Ion Ratio Lower Upper

43 100

61 20.2 23.9 35.9#

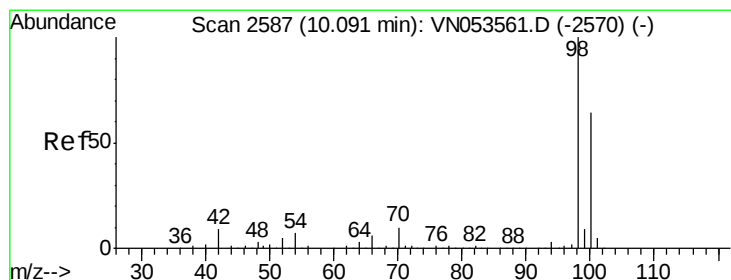
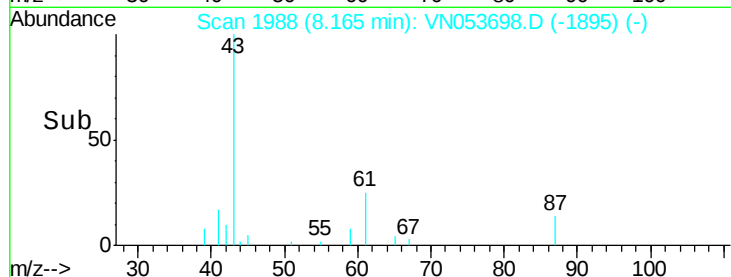
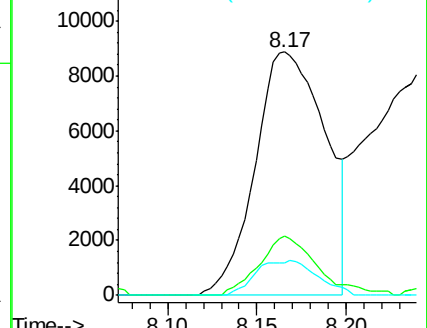
87 12.5 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.080 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053698.D

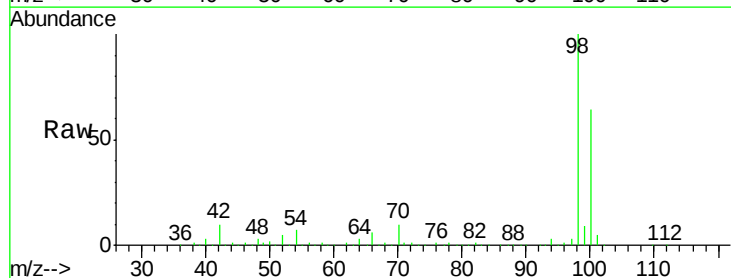
Acq: 11 Feb 2019 12:19

Tgt Ion: 98 Resp: 1468724

Ion Ratio Lower Upper

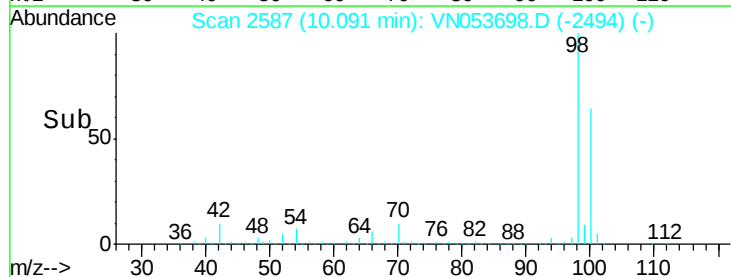
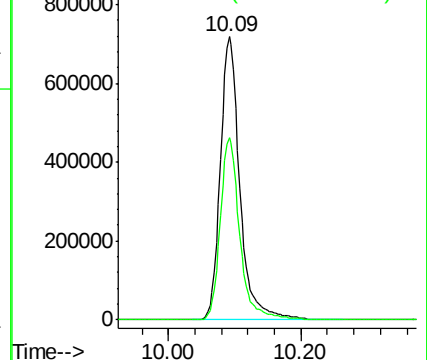
98 100

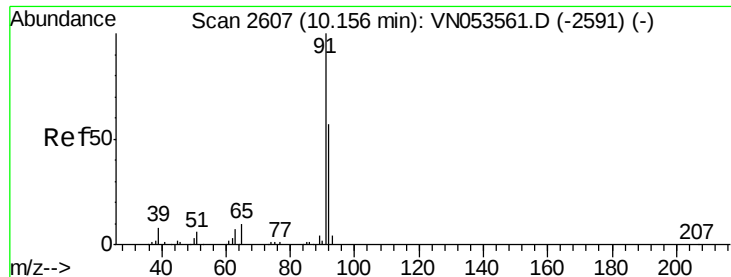
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 2.933 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampled :

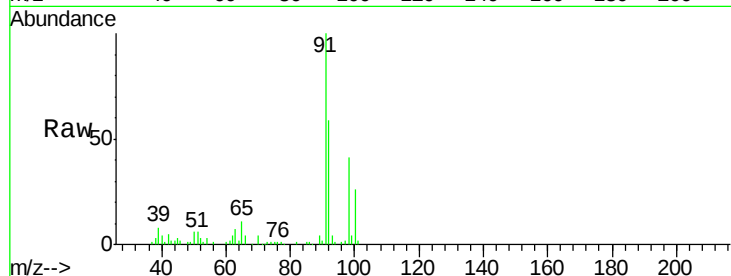
HB-VJ210

Tot Ion: 92 Resp: 58640

Ion Ratio Lower Upper

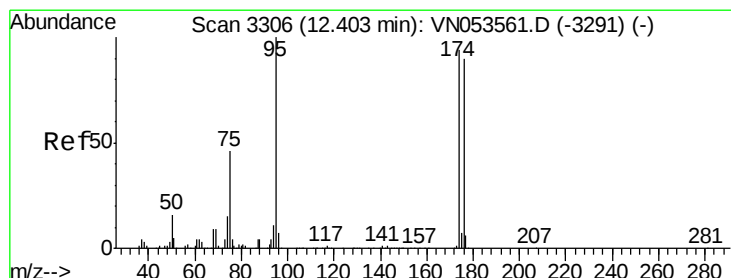
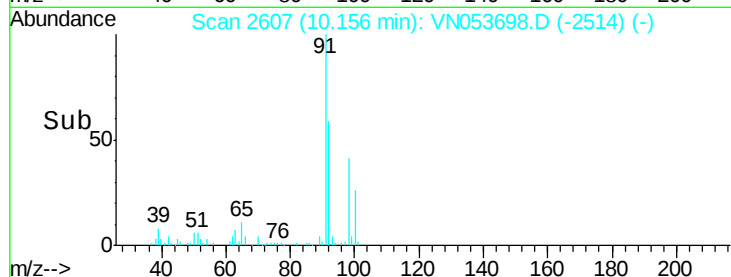
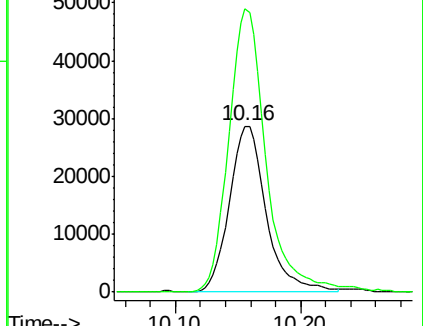
92 100

91 171.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN053561.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN053561.D (-2591) (-)



#62

4-Bromofluorobenzene

Concen: 50.987 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

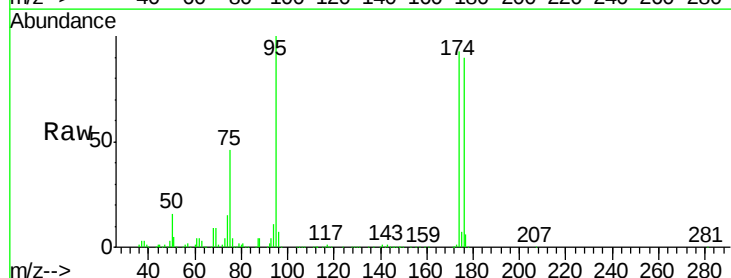
Tgt Ion: 95 Resp: 488954

Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.2

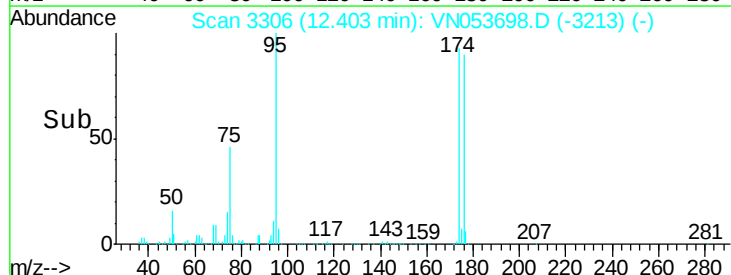
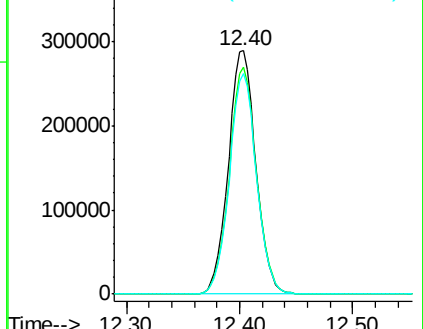
176 89.5 0.0 177.4

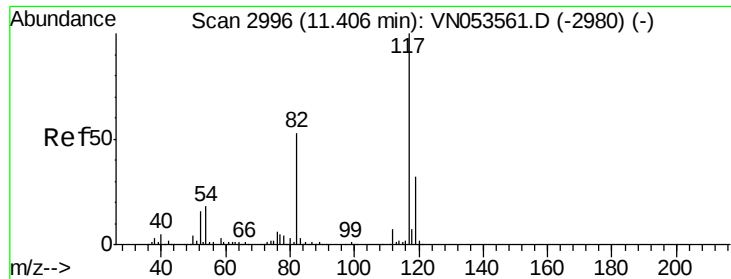


Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)

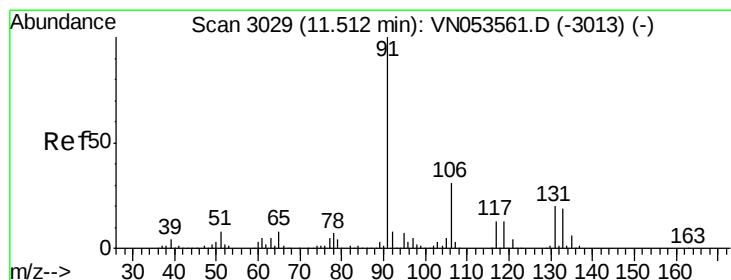
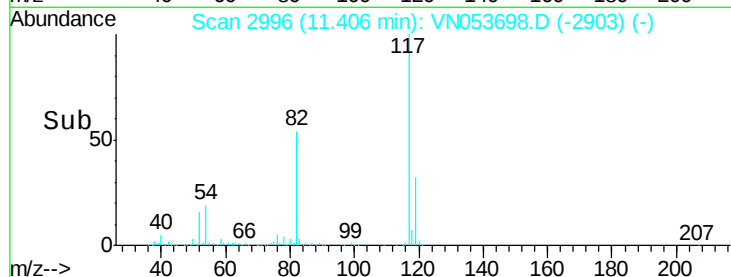
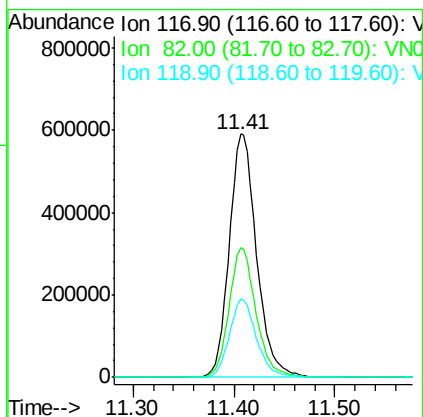
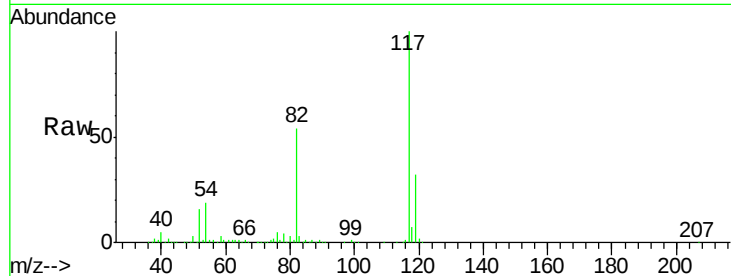




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

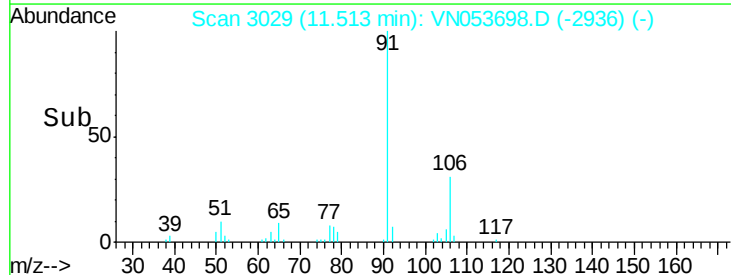
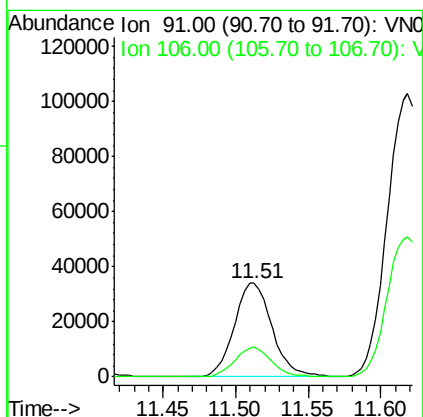
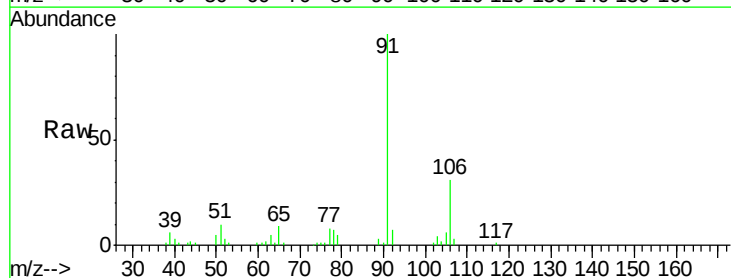
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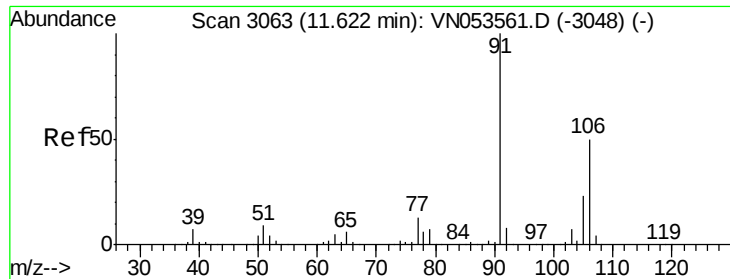
Tot Ion:117 Resp: 1112886
Ion Ratio Lower Upper
117 100
82 53.5 42.9 64.3
119 32.0 26.0 39.0



#67
Ethyl Benzene
Concen: 1.598 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

Tgt Ion: 91 Resp: 62067
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

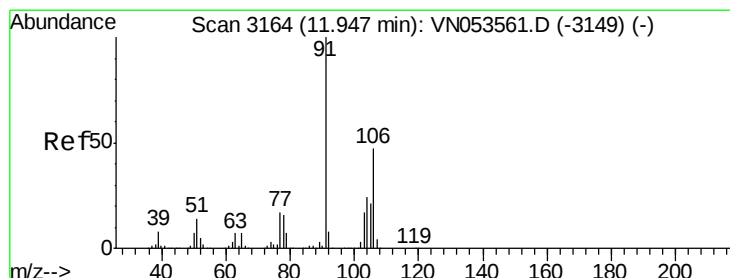
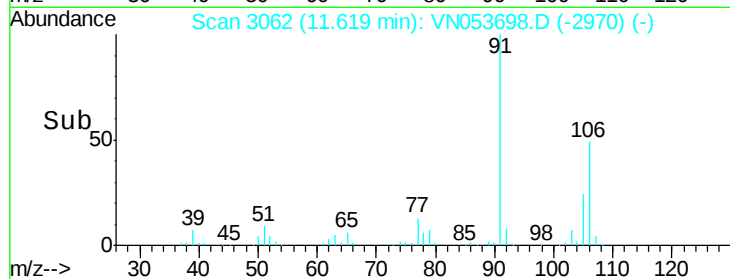
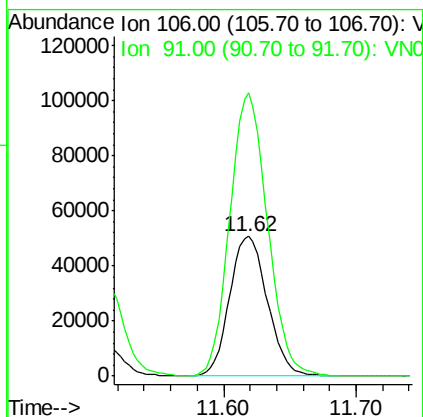
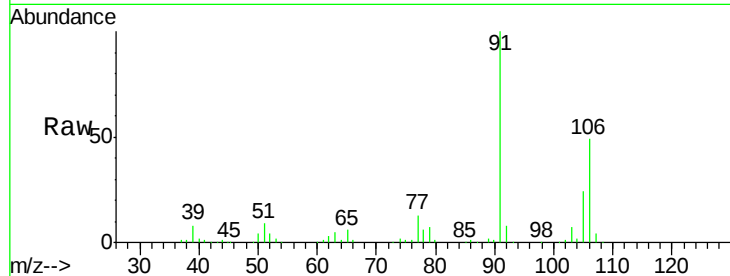




#68
m/p-Xylenes
Concen: 6.793 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

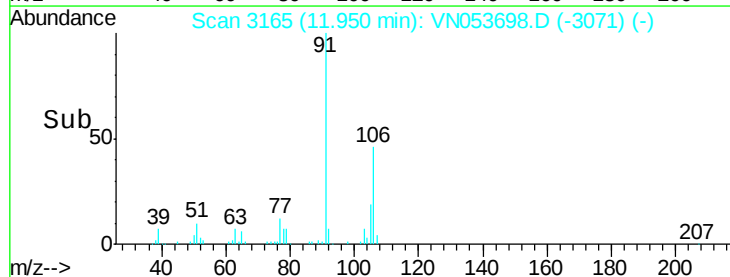
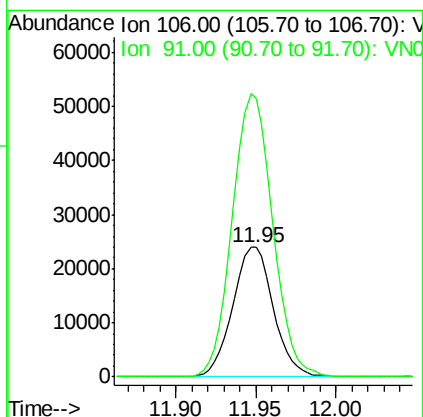
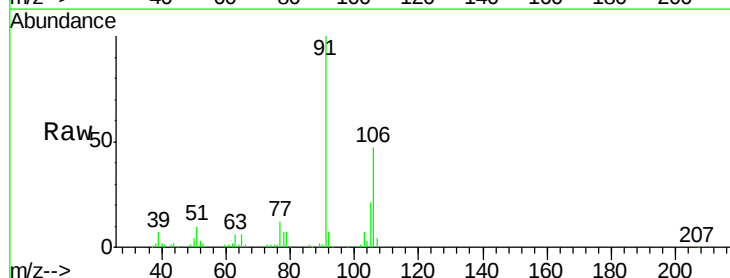
Instrument :
MSVOA_N
ClientSampleId :
HB-VJ210

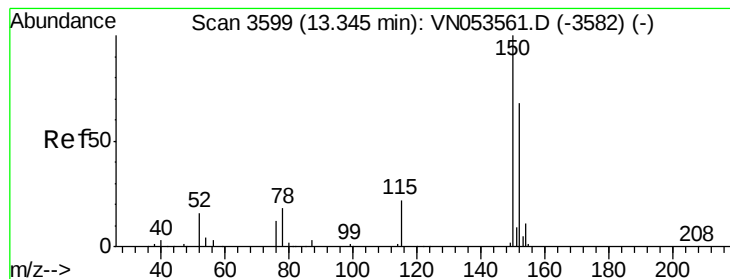
Tot Ion:106 Resp: 100675
Ion Ratio Lower Upper
106 100
91 202.0 161.4 242.2



#69
o-Xylene
Concen: 2.892 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053698.D
Acq: 11 Feb 2019 12:19

Tgt Ion:106 Resp: 41405
Ion Ratio Lower Upper
106 100
91 217.2 106.9 320.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

HB-VJ210

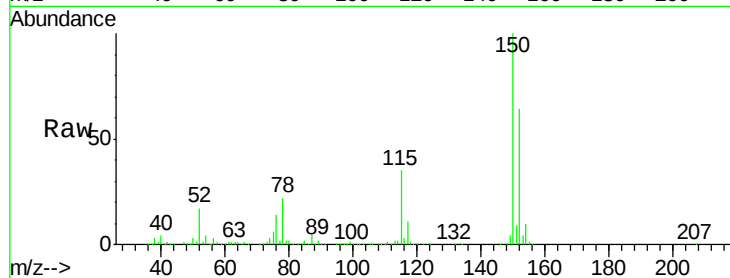
Tot Ion:152 Resp: 463781

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

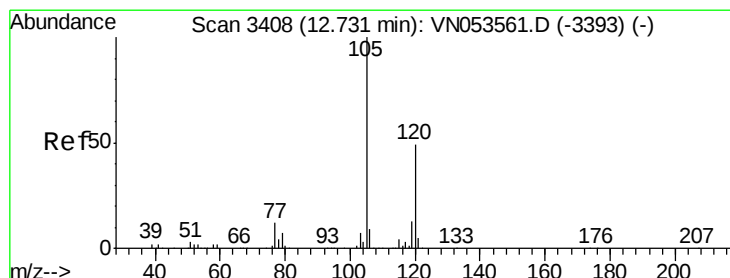
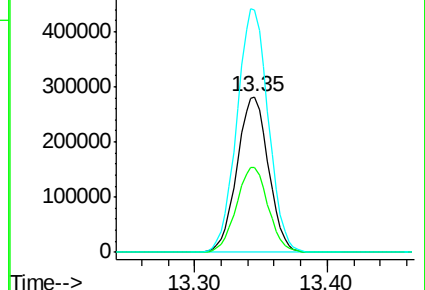
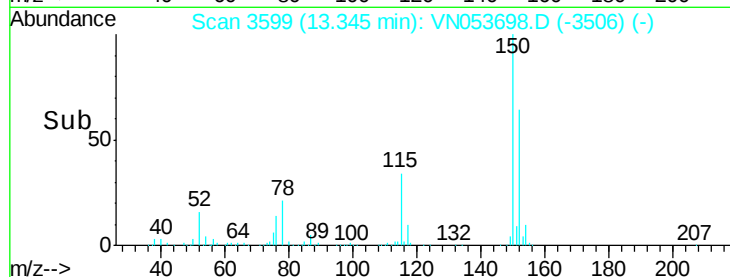
150 156.5 0.0 349.0



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: 2.494 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053698.D

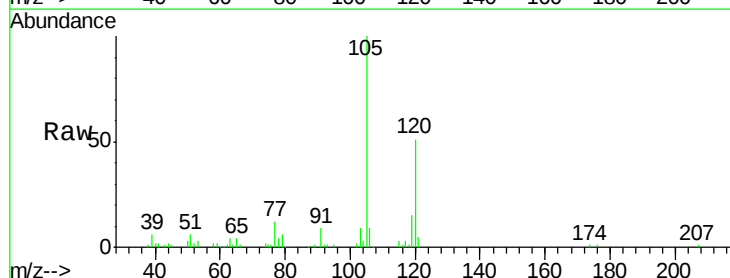
Acq: 11 Feb 2019 12:19

Tgt Ion:105 Resp: 67435

Ion Ratio Lower Upper

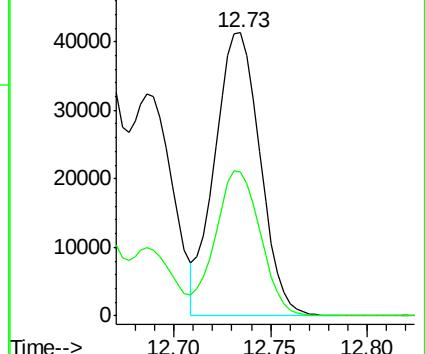
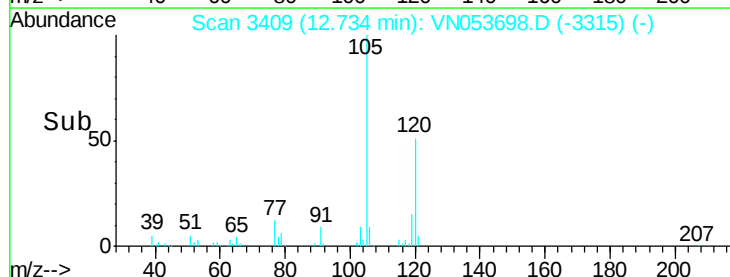
105 100

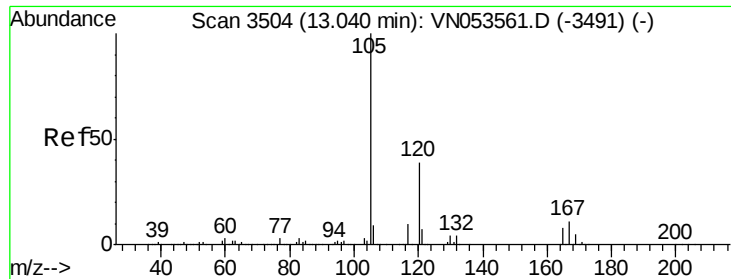
120 50.6 24.9 74.6



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: 7.853 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Instrument :

MSVOA_N

ClientSampled :

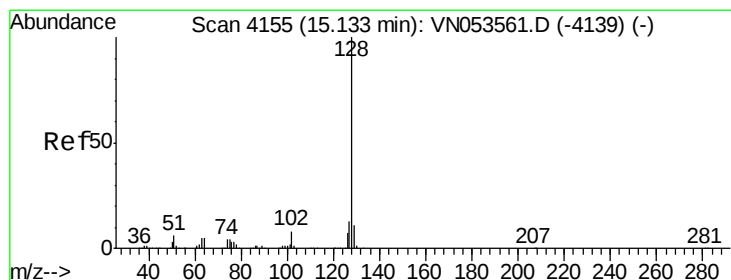
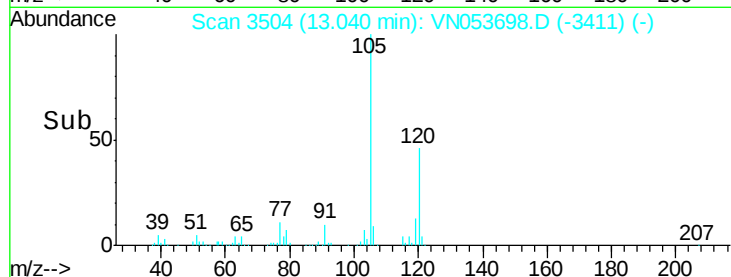
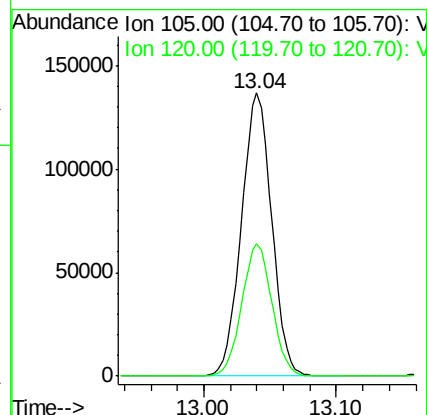
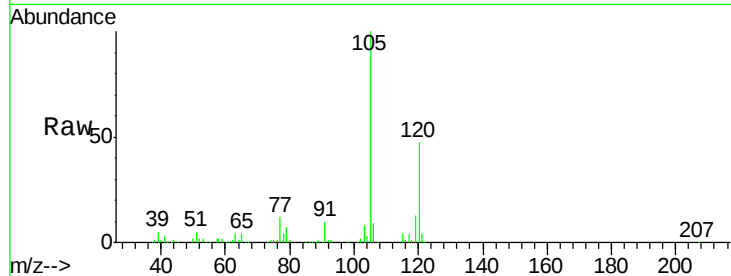
HB-VJ210

Tot Ion:105 Resp: 216305

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0



#95

Naphthalene

Concen: 4.282 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053698.D

Acq: 11 Feb 2019 12:19

Tgt Ion:128 Resp: 53726

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.6 13.0

