

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054808.D
 Acq On : 30 Mar 2019 17:45
 Operator : JC/SP
 Sample : K2176-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 QNWP8-MW24D-GW

Quant Time: Mar 30 23:41:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	526757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	857610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	725195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310451	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	354826	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
35) Dibromofluoromethane	7.59	113	278803	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	10.09	98	1017284	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.40	95	337303	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	

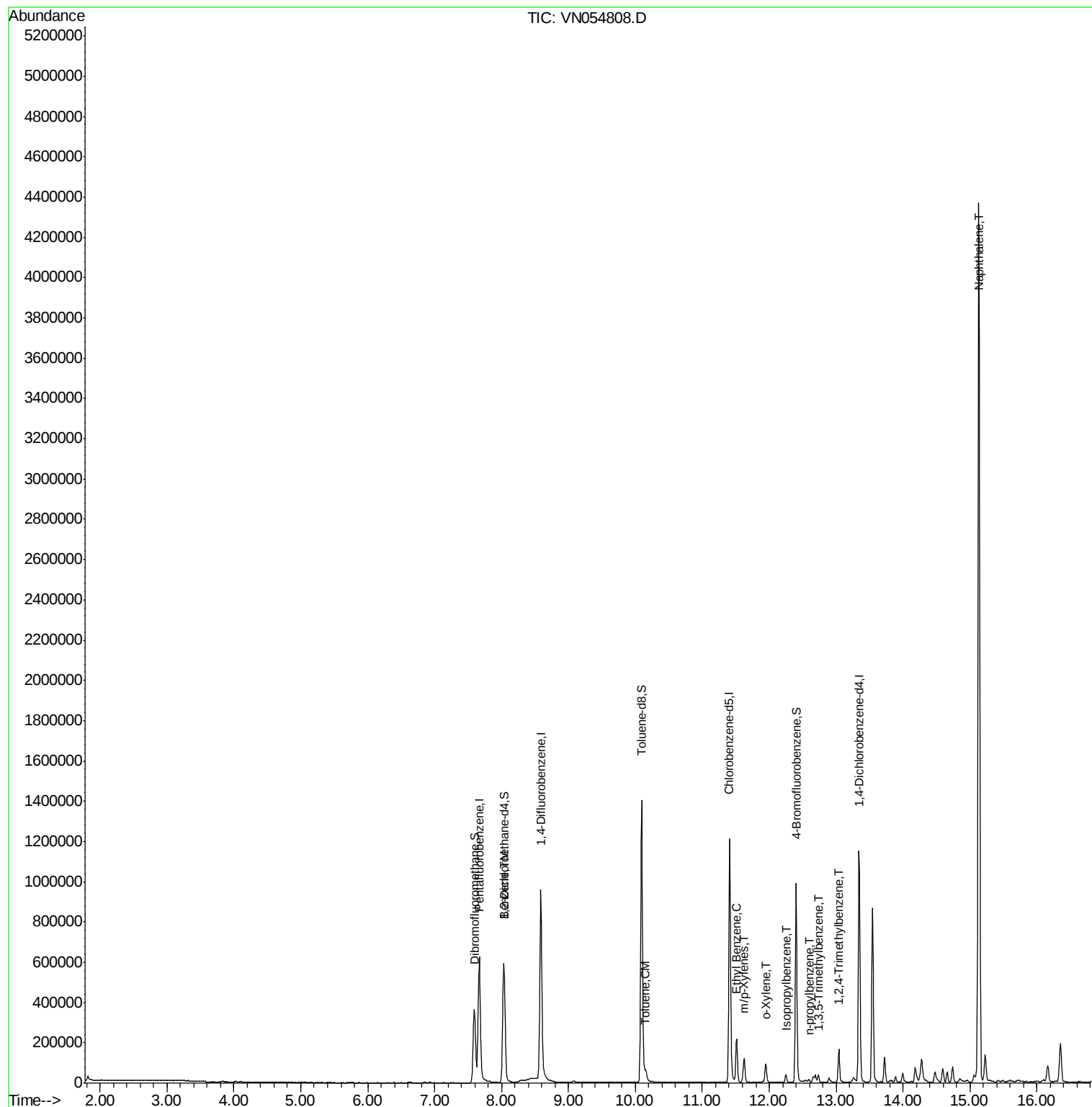
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	8.04	78	240082	10.499	ug/l	96
52) Toluene	10.16	92	13230	0.972	ug/l	98
67) Ethyl Benzene	11.51	91	161378	6.298	ug/l	95
68) m/p-Xylenes	11.63	106	39126	4.126	ug/l	94
69) o-Xylene	11.95	106	25095	2.699	ug/l	90
73) Isopropylbenzene	12.25	105	25322	0.998	ug/l	96
78) n-propylbenzene	12.59	91	10067	0.361	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	18924	0.909	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	90853	4.580	ug/l	97
95) Naphthalene	15.13	128	3694199	330.165	ug/l	99

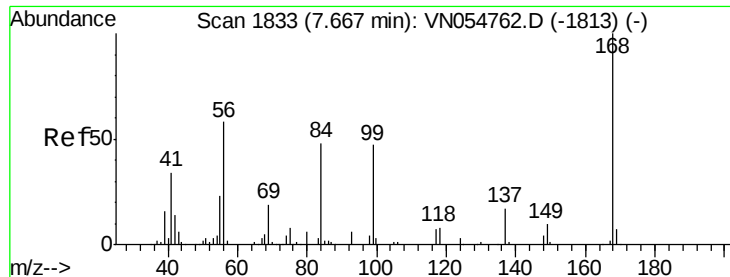
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 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: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

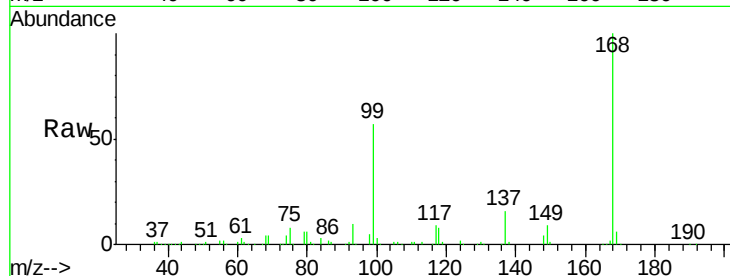
QNWP8-MW24D-GW

Tot Ion:168 Resp: 526757

Ion Ratio Lower Upper

168 100

99 56.6 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

250000

200000

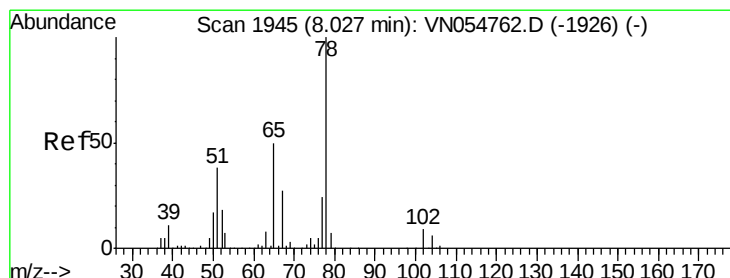
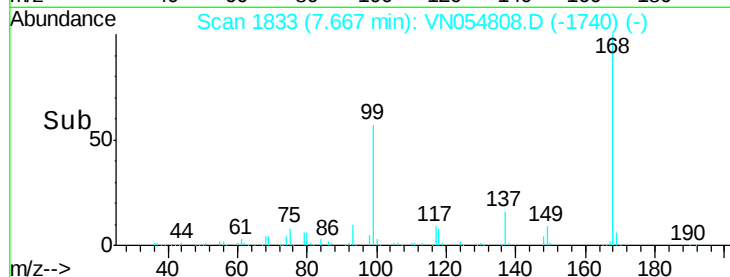
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.970 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054808.D

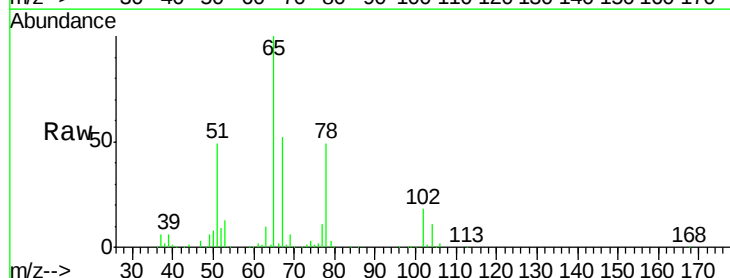
Acq: 30 Mar 2019 17:45

Tgt Ion: 65 Resp: 354826

Ion Ratio Lower Upper

65 100

67 52.6 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

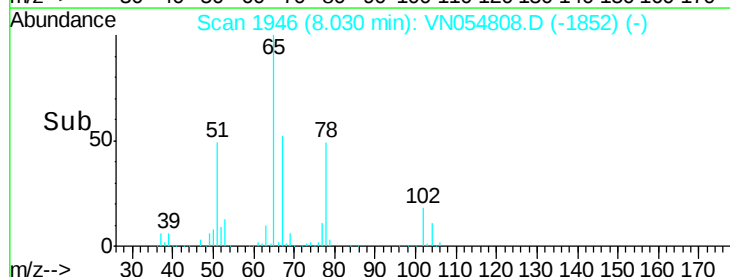
150000

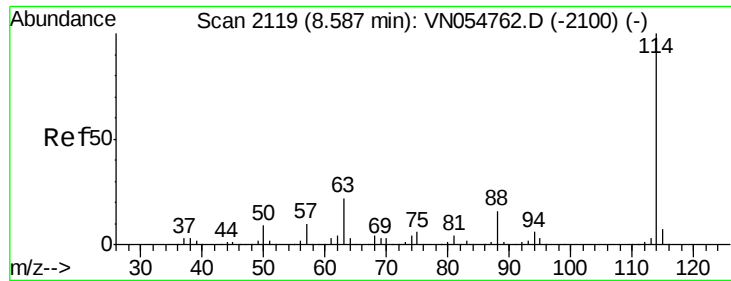
100000

50000

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: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

QNWP8-MW24D-GW

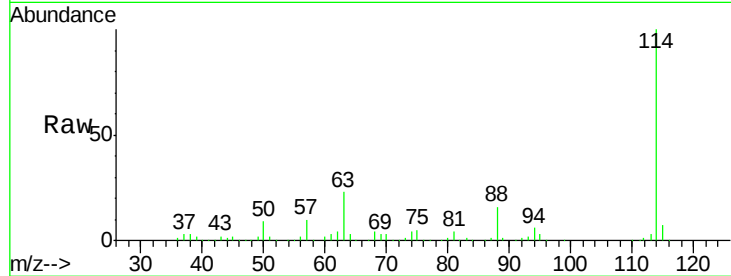
Tot Ion:114 Resp: 857610

Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.2

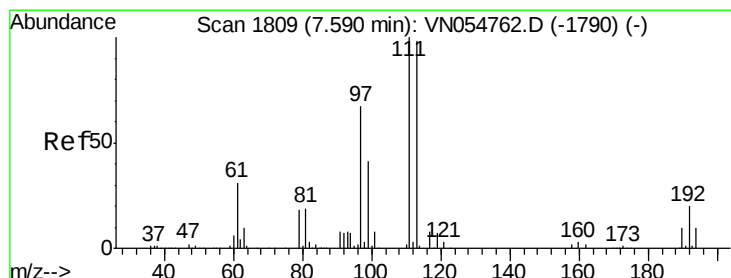
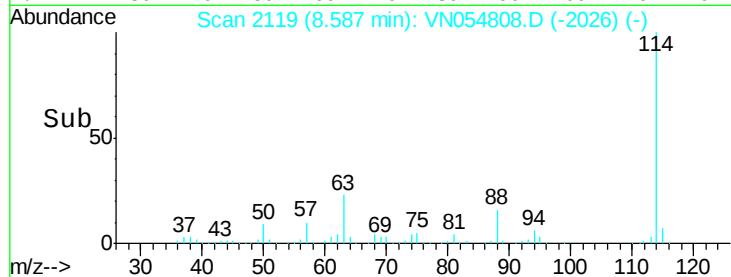
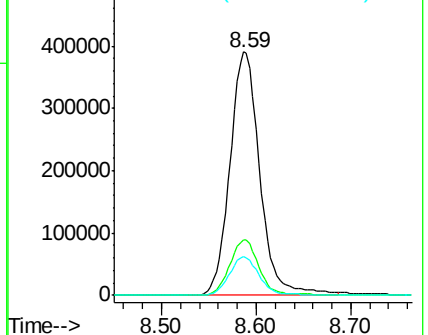
88 16.0 0.0 30.2



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: 48.762 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

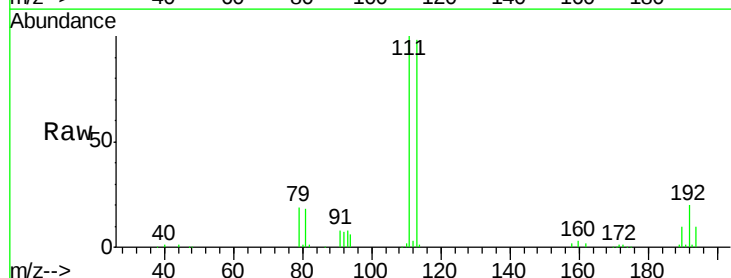
Tgt Ion:113 Resp: 278803

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

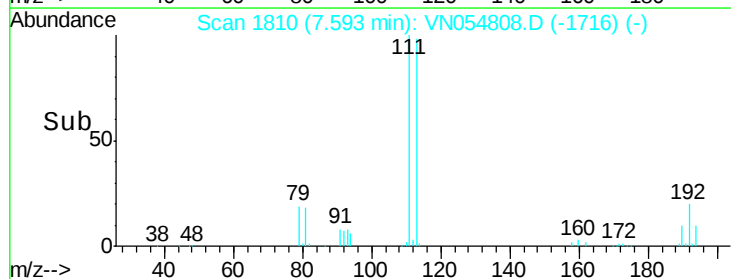
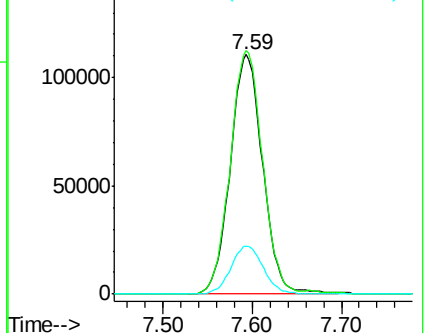
192 20.1 19.2 28.8

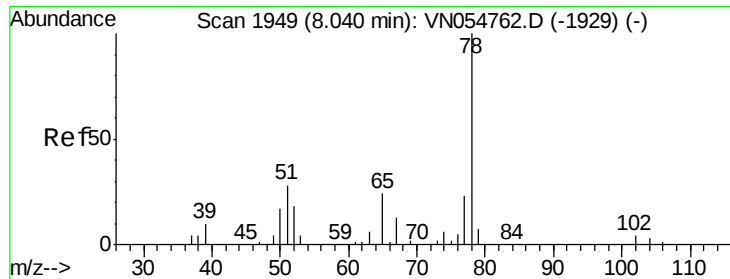


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 10.499 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

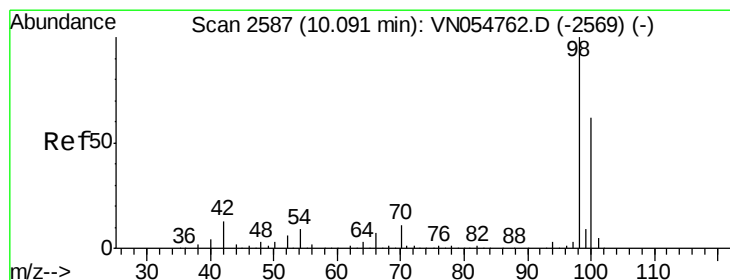
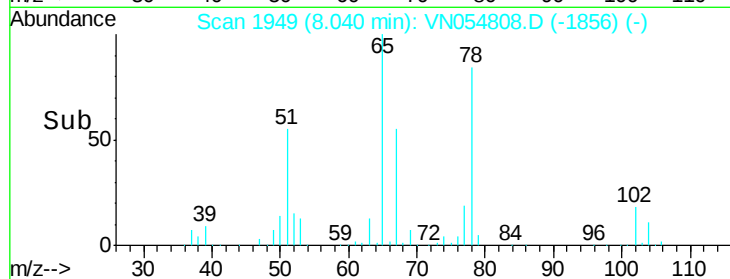
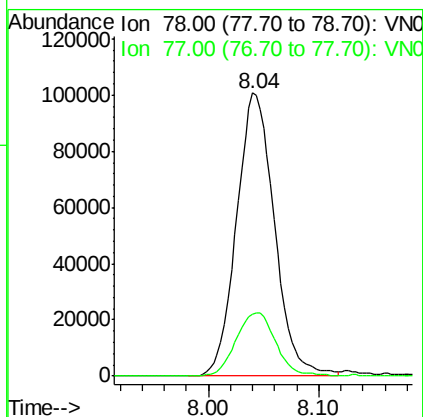
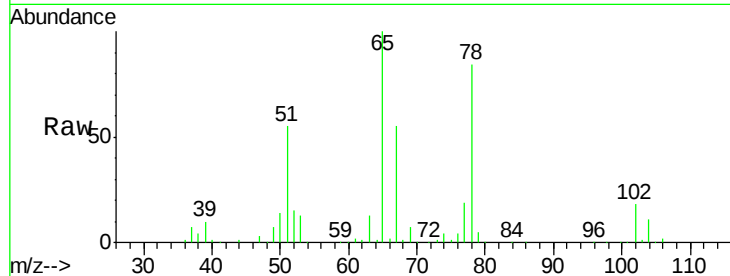
QNWP8-MW24D-GW

Tot Ion: 78 Resp: 240082

Ion Ratio Lower Upper

78 100

77 22.1 19.1 28.7



#50

Toluene-d8

Concen: 47.857 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054808.D

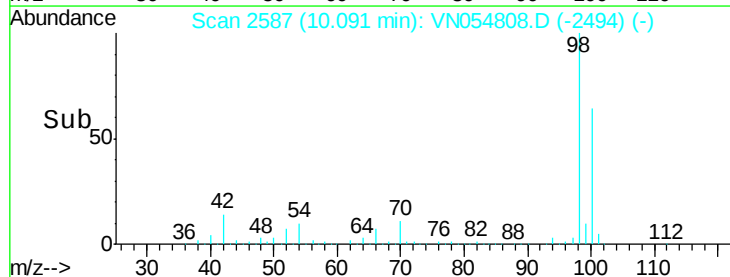
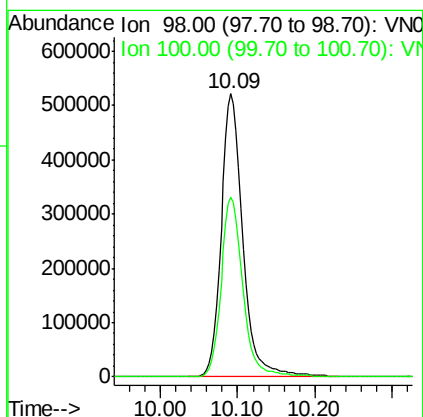
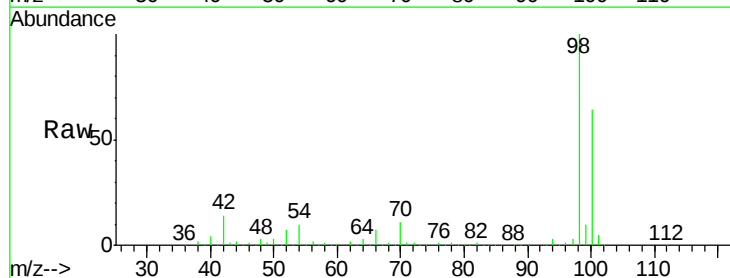
Acq: 30 Mar 2019 17:45

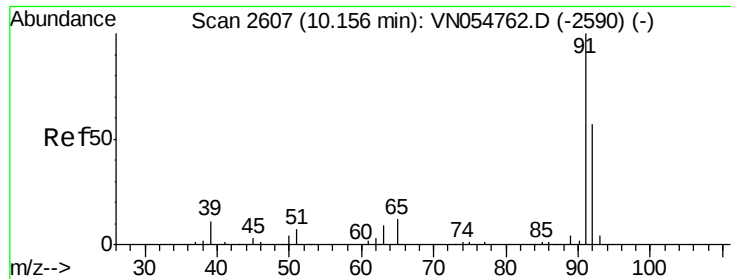
Tgt Ion: 98 Resp: 1017284

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8





#52

Toluene

Concen: 0.972 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

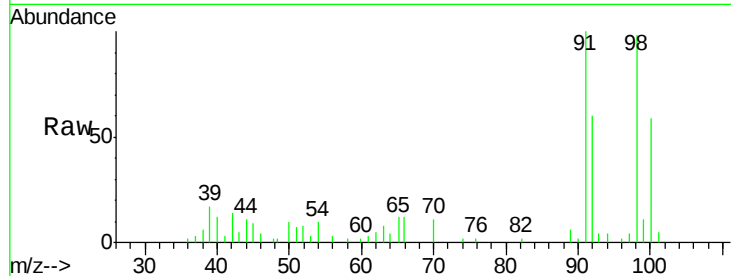
QNWP8-MW24D-GW

Tot Ion: 92 Resp: 13230

Ion Ratio Lower Upper

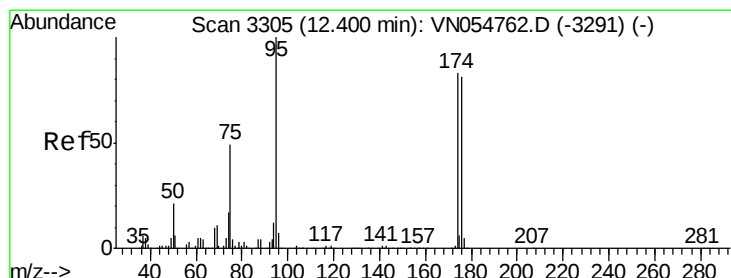
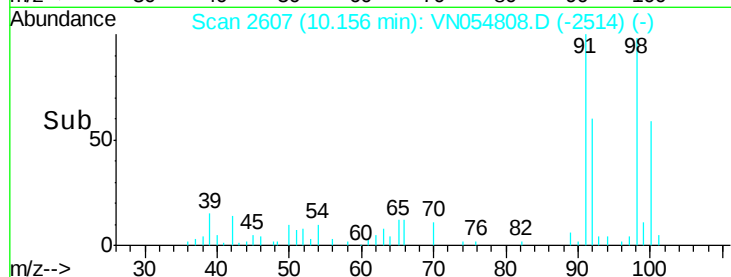
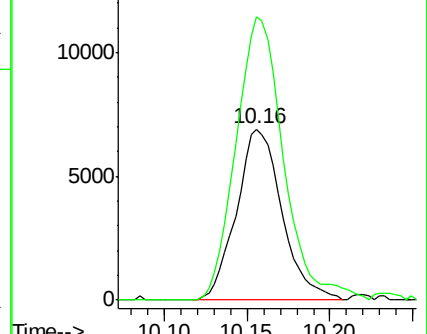
92 100

91 172.6 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054762.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN054762.D (-2590) (-)



#62

4-Bromofluorobenzene

Concen: 47.712 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

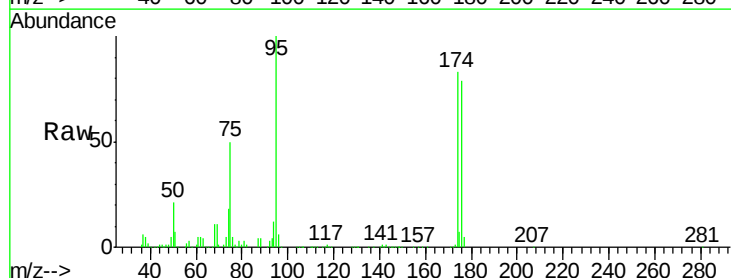
Tgt Ion: 95 Resp: 337303

Ion Ratio Lower Upper

95 100

174 83.8 0.0 191.0

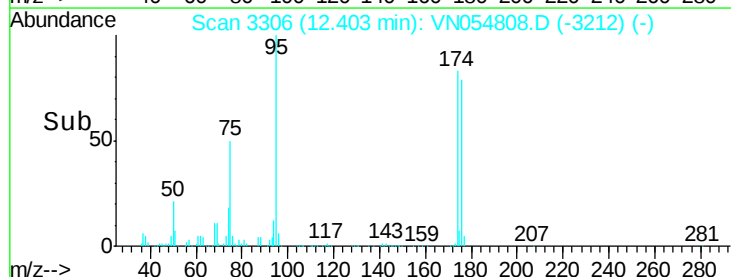
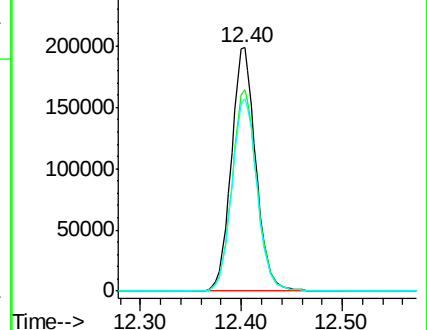
176 81.1 0.0 187.4

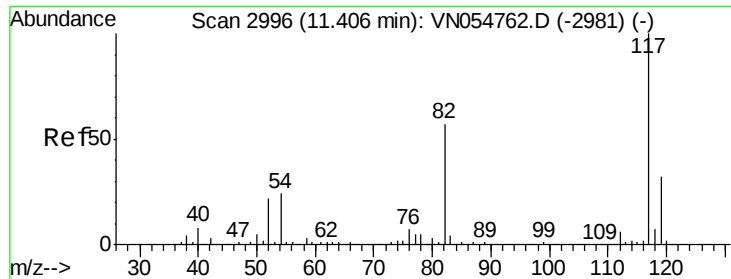


Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

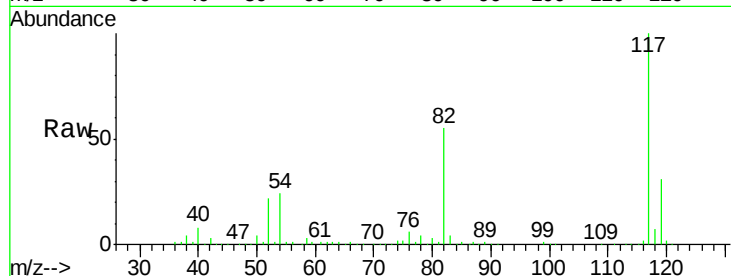




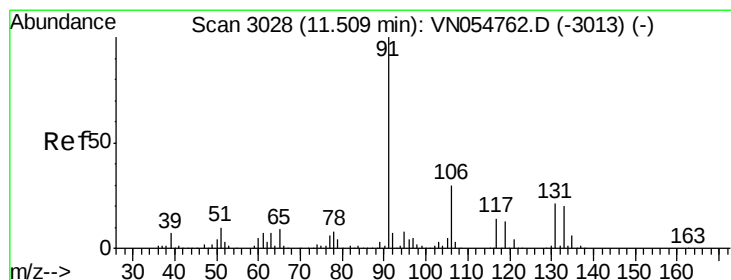
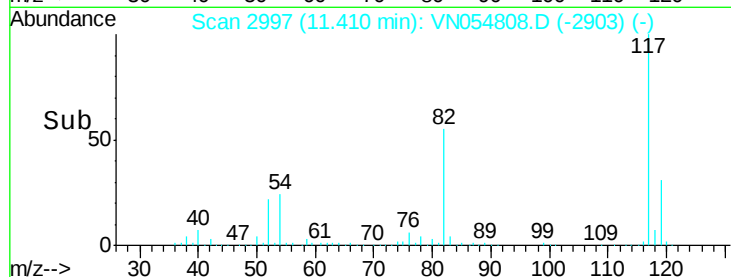
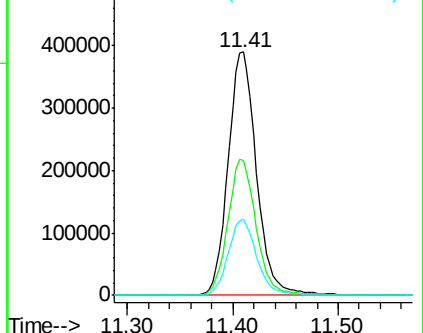
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW24D-GW

Tot Ion:117 Resp: 725195
Ion Ratio Lower Upper
117 100
82 55.1 40.0 60.0
119 31.2 25.8 38.6

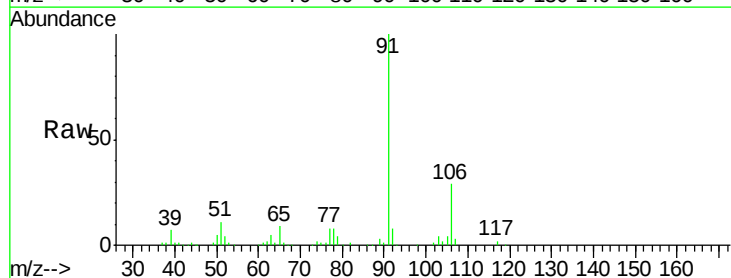


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

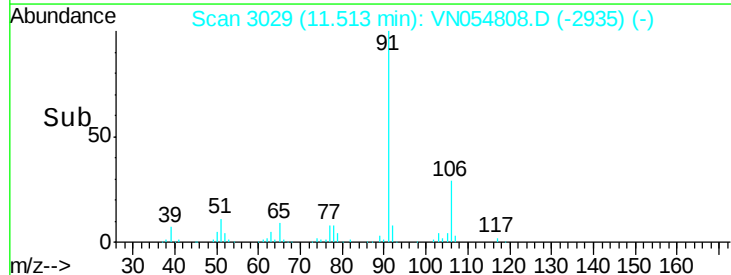
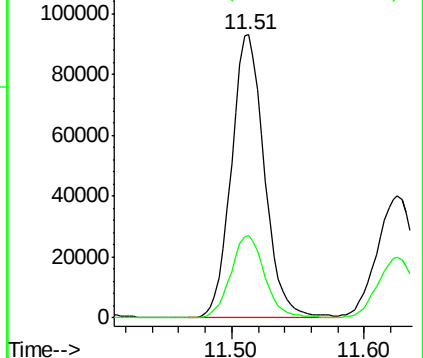


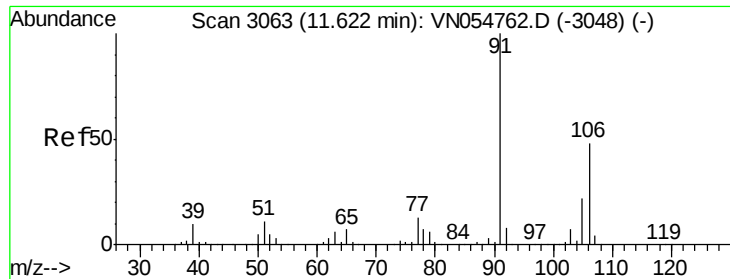
#67
Ethyl Benzene
Concen: 6.298 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion: 91 Resp: 161378
Ion Ratio Lower Upper
91 100
106 29.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

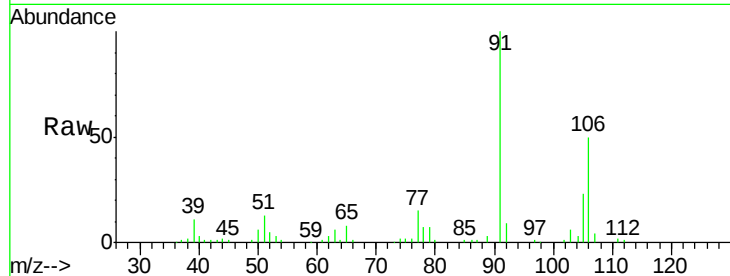




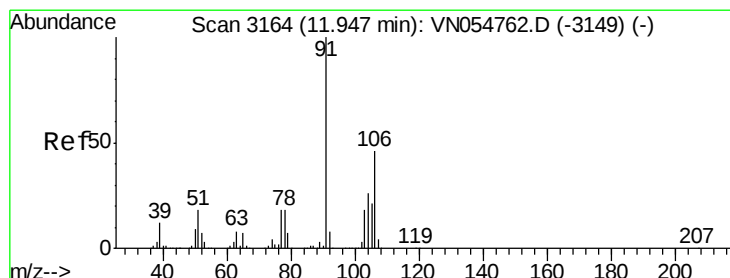
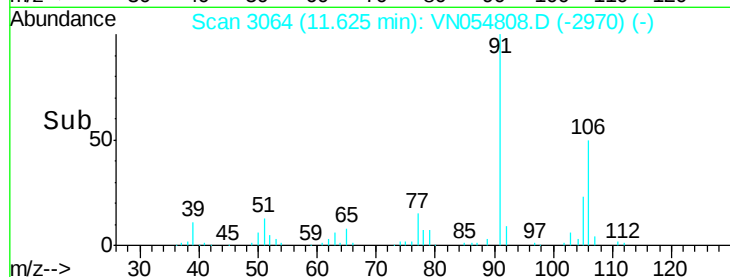
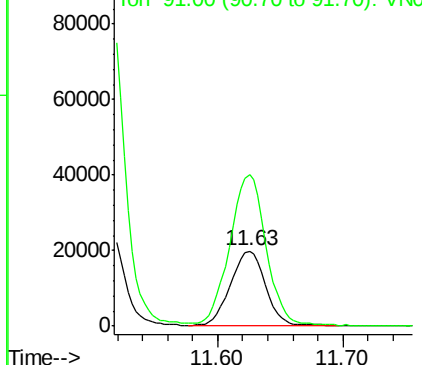
#68
m/p-Xylenes
Concen: 4.126 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW24D-GW

Tot Ion:106 Resp: 39126
Ion Ratio Lower Upper
106 100
91 208.8 159.4 239.2

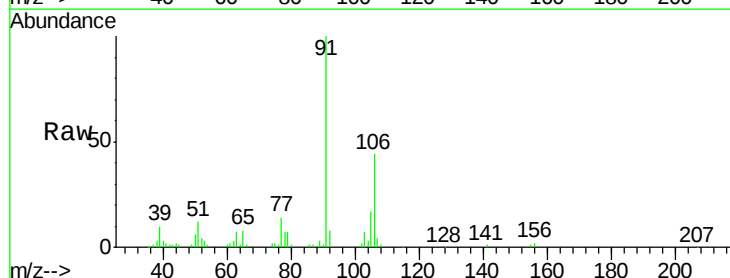


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

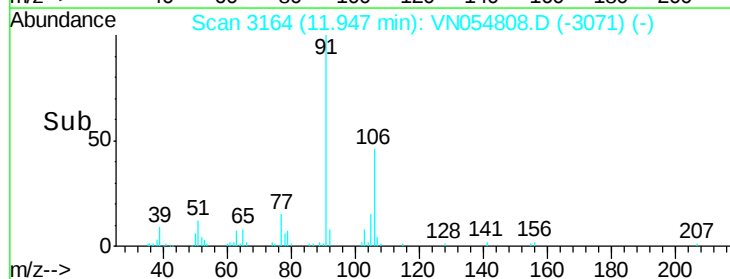
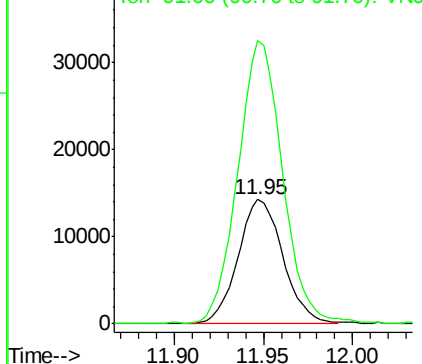


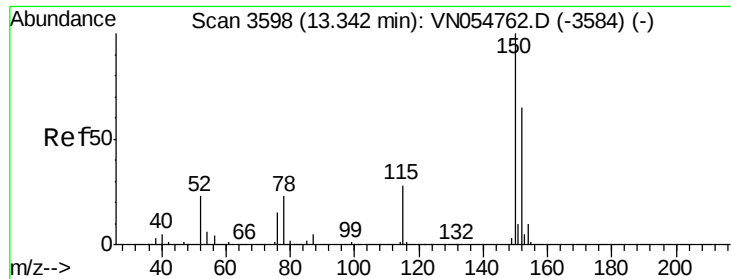
#69
o-Xylene
Concen: 2.699 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion:106 Resp: 25095
Ion Ratio Lower Upper
106 100
91 227.4 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

QNWP8-MW24D-GW

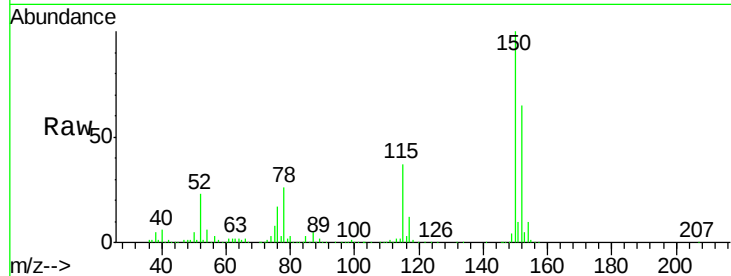
Tot Ion:152 Resp: 310451

Ion Ratio Lower Upper

152 100

115 57.9 27.2 81.6

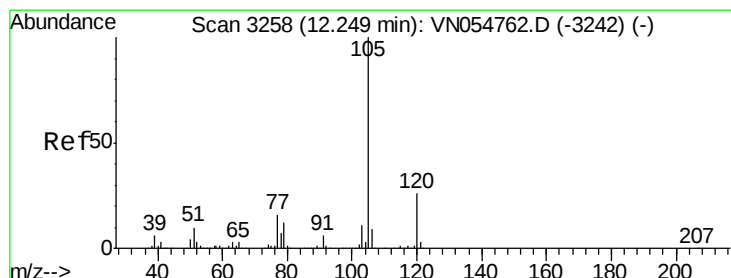
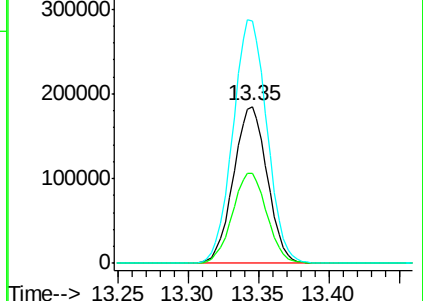
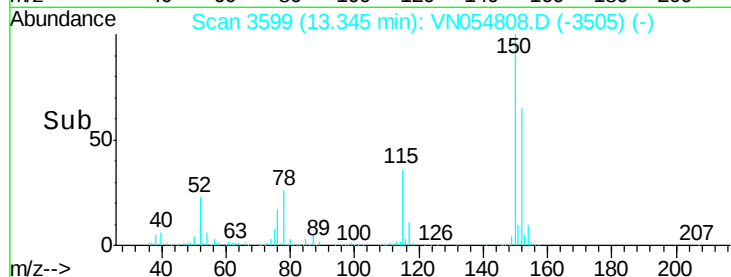
150 157.0 0.0 349.2



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: 0.998 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054808.D

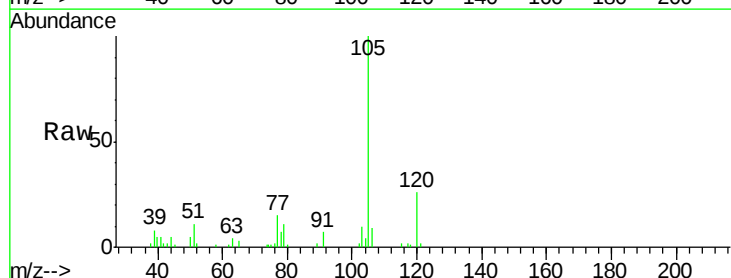
Acq: 30 Mar 2019 17:45

Tgt Ion:105 Resp: 25322

Ion Ratio Lower Upper

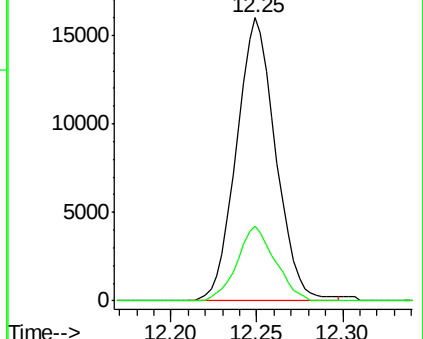
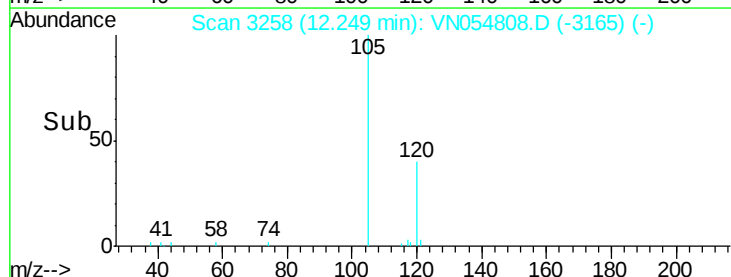
105 100

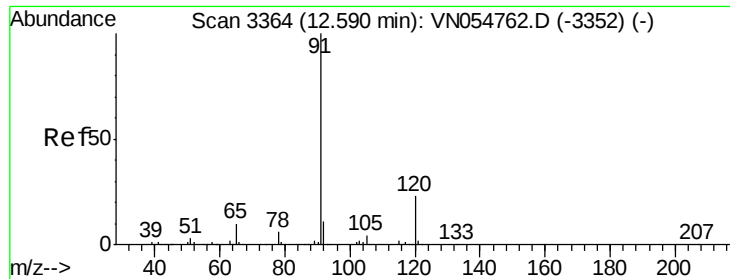
120 25.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.361 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

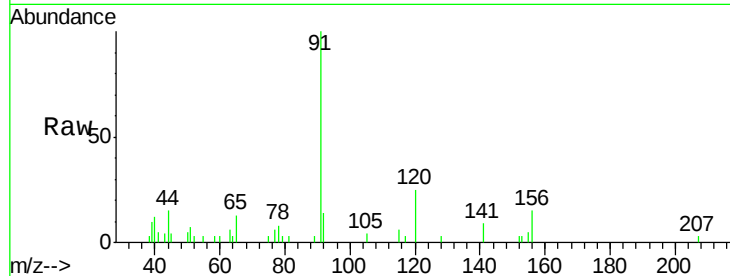
QNWP8-MW24D-GW

Tot Ion: 91 Resp: 10067

Ion Ratio Lower Upper

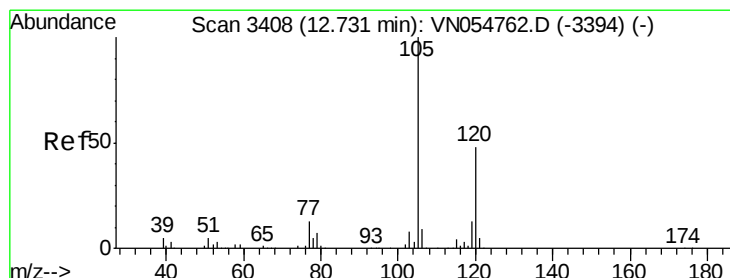
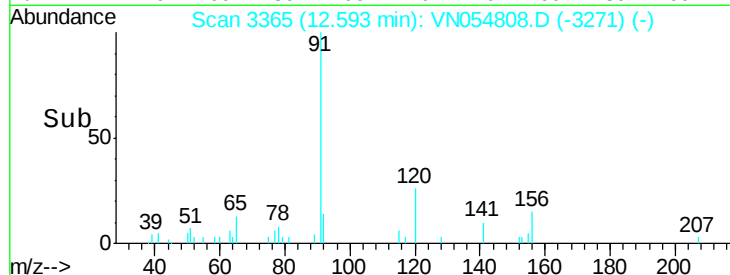
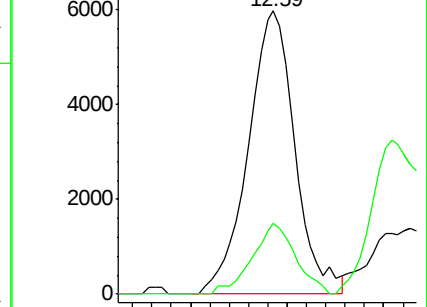
91 100

120 23.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN054808.D (-3271) (-)

Ion 120.00 (119.70 to 120.70): VN054808.D (-3271) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.909 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054808.D

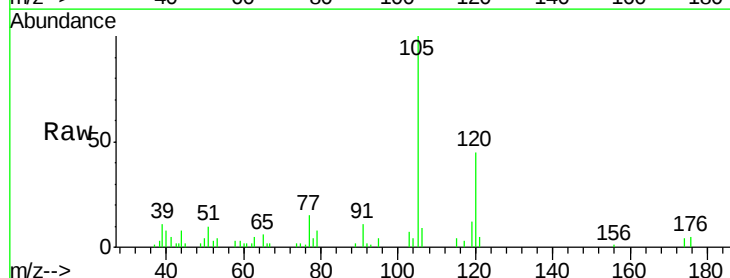
Acq: 30 Mar 2019 17:45

Tgt Ion: 105 Resp: 18924

Ion Ratio Lower Upper

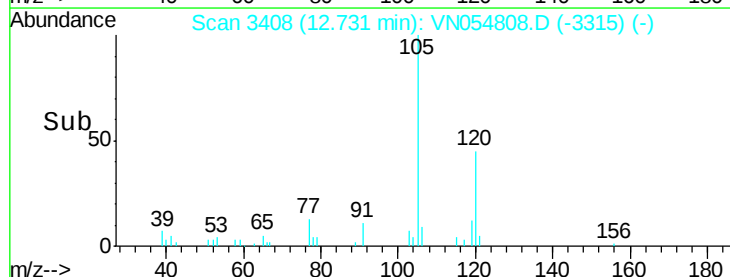
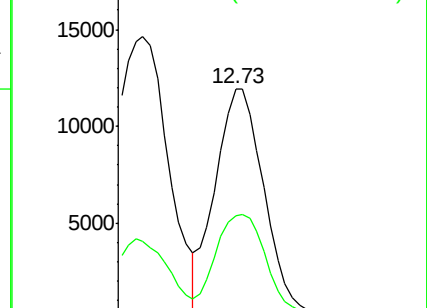
105 100

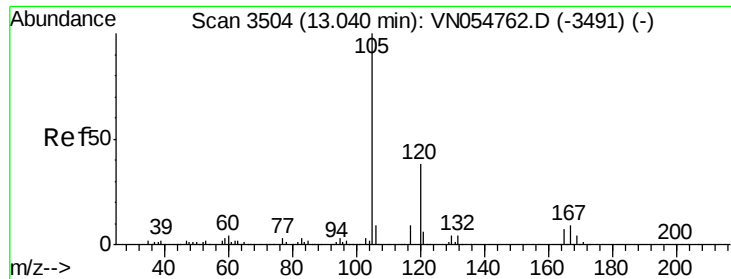
120 47.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054808.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN054808.D (-3315) (-)





#84

1,2,4-Trimethylbenzene

Concen: 4.580 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

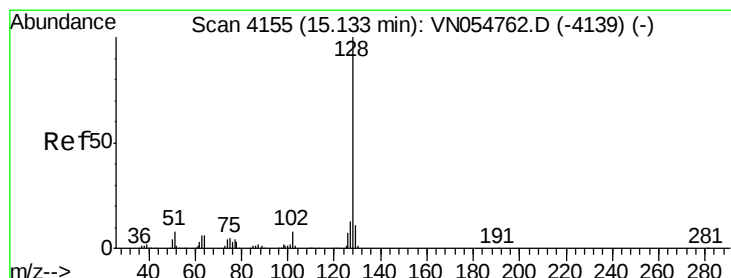
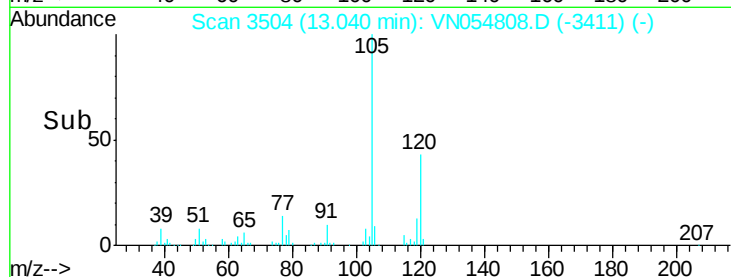
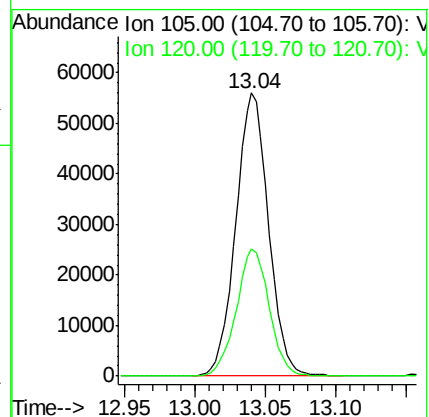
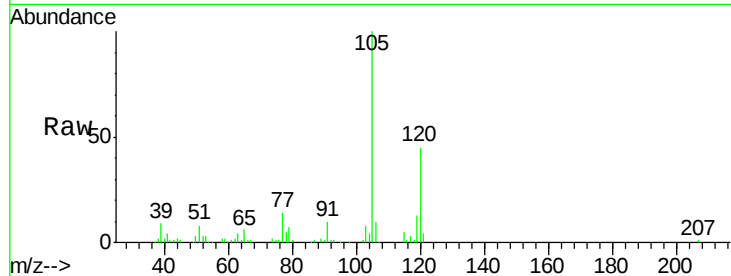
QNWP8-MW24D-GW

Tot Ion:105 Resp: 90853

Ion Ratio Lower Upper

105 100

120 45.1 23.4 70.3



#95

Naphthalene

Concen: 330.165 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Tgt Ion:128 Resp: 3694199

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 11.0 8.7 13.1

