

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
 Data File : VN052724.D
 Acq On : 7 Dec 2018 14:06
 Operator : MD\SY
 Sample : J6019-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Dec 10 11:24:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

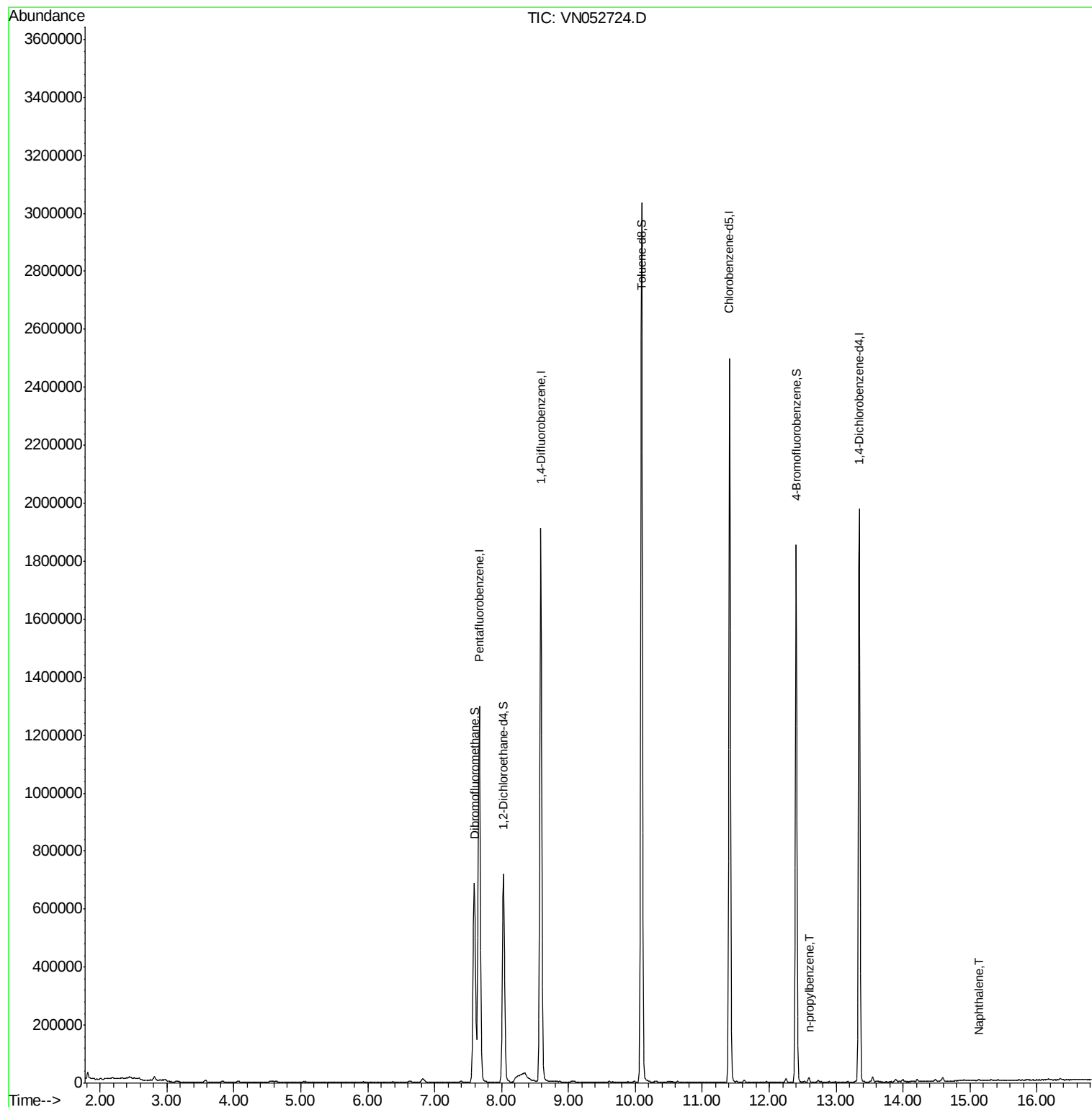
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1133953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1764965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1514350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	557808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	603019	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	7.59	113	544768	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	10.09	98	2138612	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	654049	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
Target Compounds						
78) n-propylbenzene	12.59	91	13367	0.269	ug/l	95
95) Naphthalene	15.13	128	3283	3.574	ug/l #	93

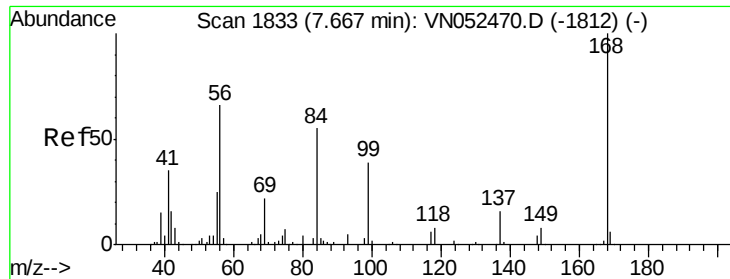
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052724.D

Acq: 7 Dec 2018 14:06

Instrument :

MSVOA_N

ClientSampleId :

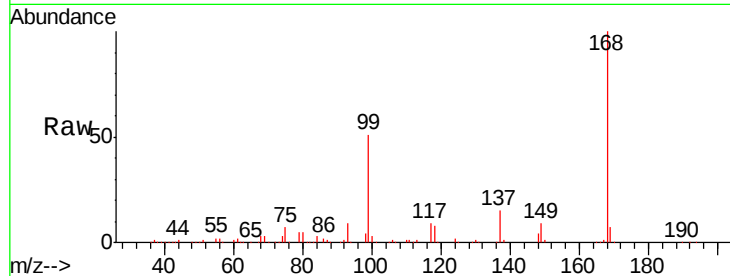
MW-5

Tgt Ion:168 Resp: 1133953

Ion Ratio Lower Upper

168 100

99 50.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

300000

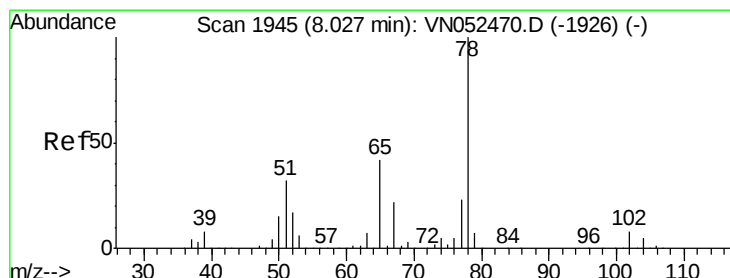
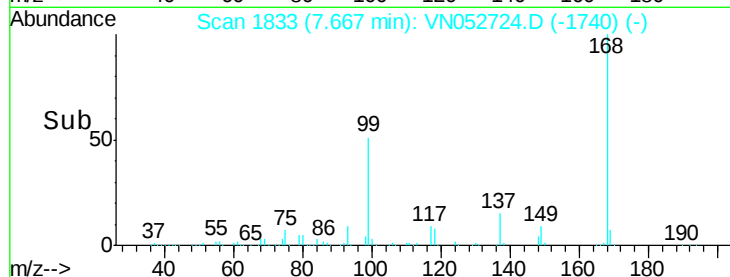
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052724.D

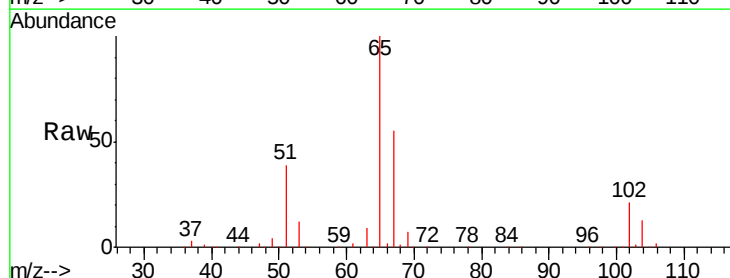
Acq: 7 Dec 2018 14:06

Tgt Ion: 65 Resp: 603019

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

300000

250000

200000

150000

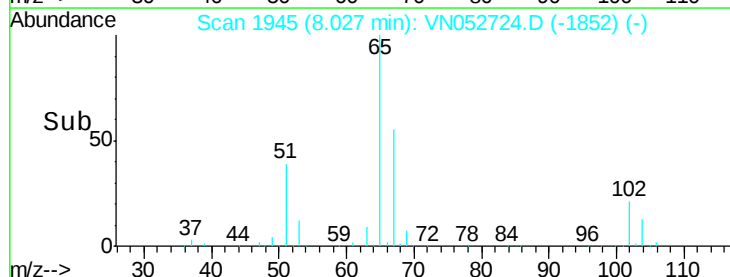
100000

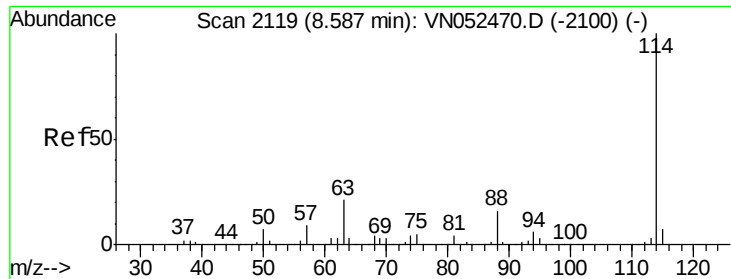
50000

0

7.90 8.00 8.10 8.20

Time-->

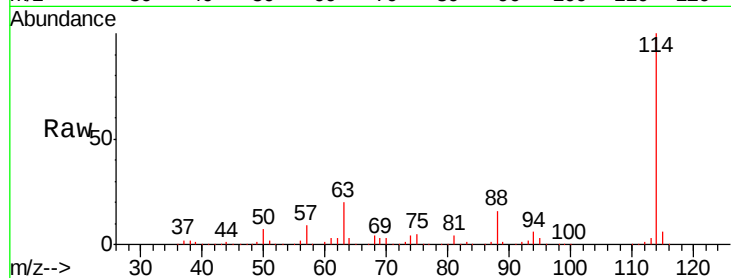




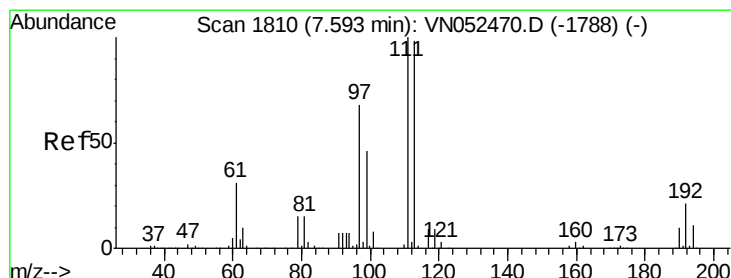
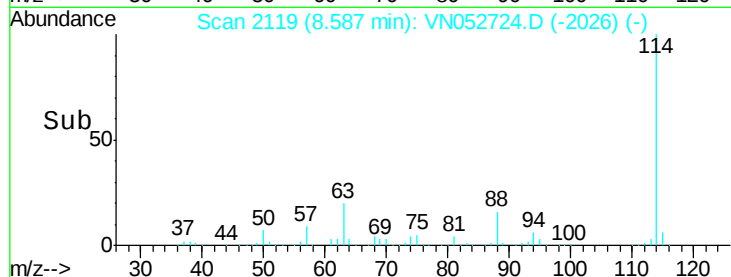
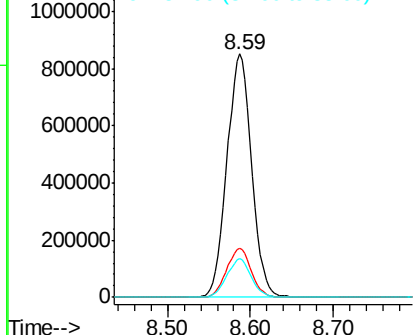
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052724.D
 Acq: 7 Dec 2018 14:06

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tgt Ion:114 Resp: 1764965
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.9 0.0 31.6

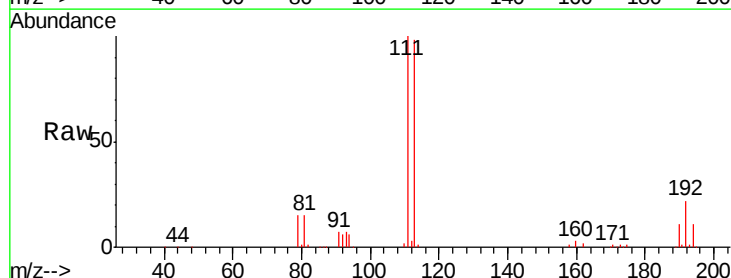


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

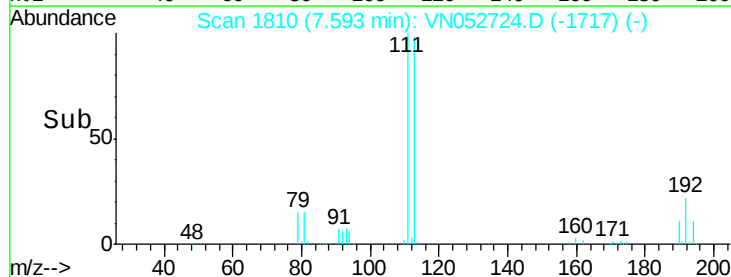
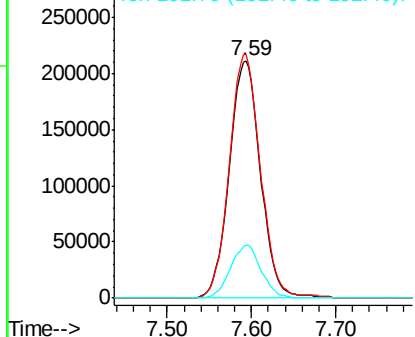


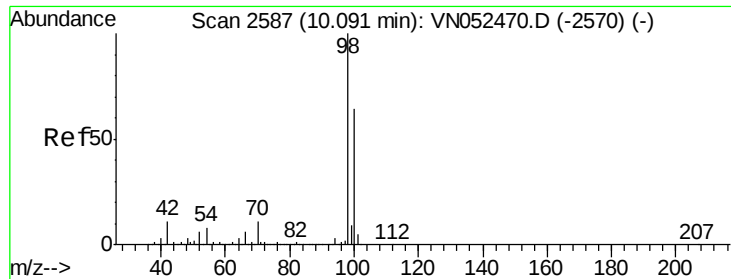
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052724.D
 Acq: 7 Dec 2018 14:06

Tgt Ion:113 Resp: 544768
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.0 123.0
 192 22.2 17.0 25.6



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052724.D

Acq: 7 Dec 2018 14:06

Instrument :

MSVOA_N

ClientSampled :

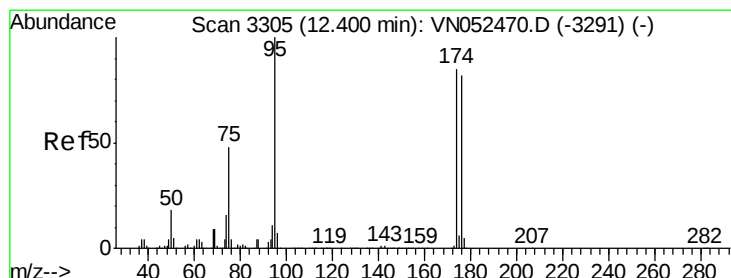
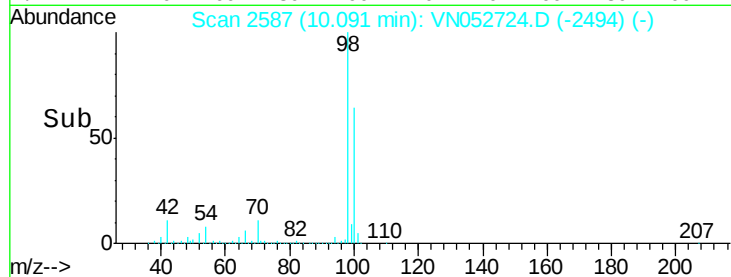
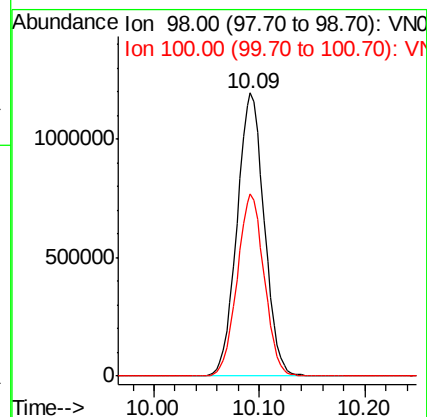
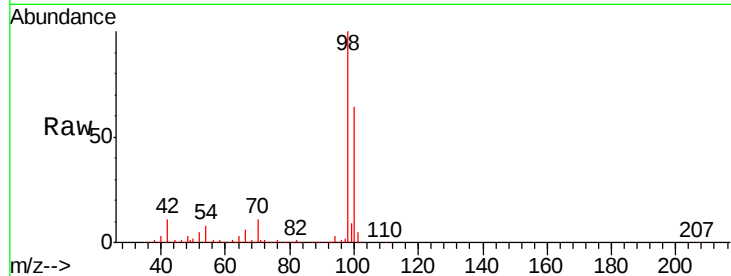
MW-5

Tgt Ion: 98 Resp: 2138612

Ion Ratio Lower Upper

98 100

100 63.7 51.3 76.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052724.D

Acq: 7 Dec 2018 14:06

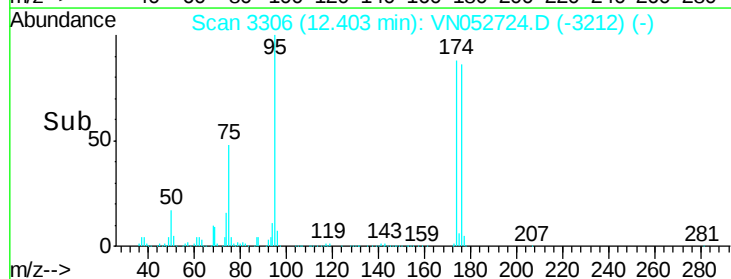
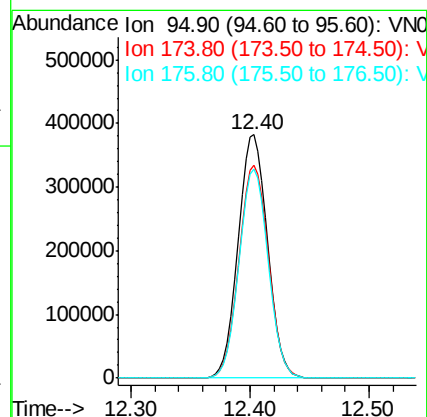
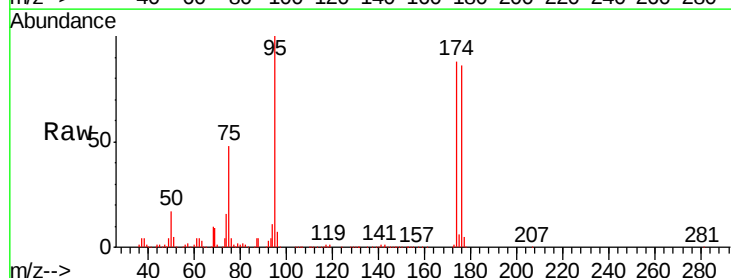
Tgt Ion: 95 Resp: 654049

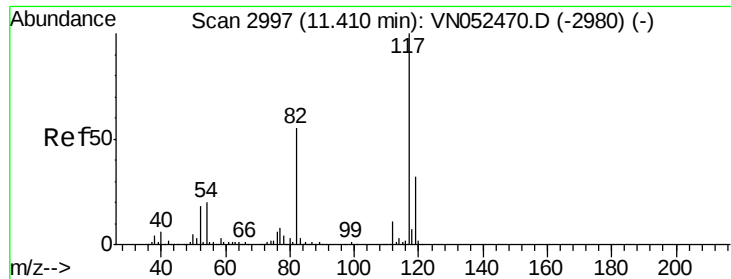
Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.0

176 85.3 0.0 166.2

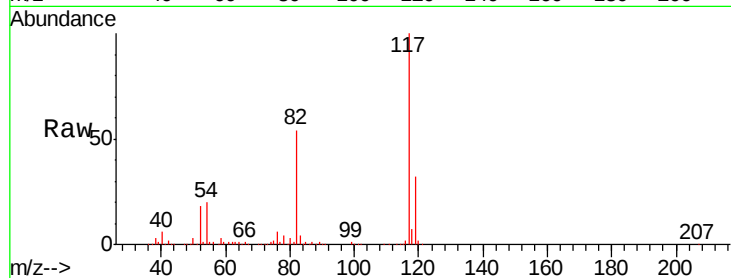




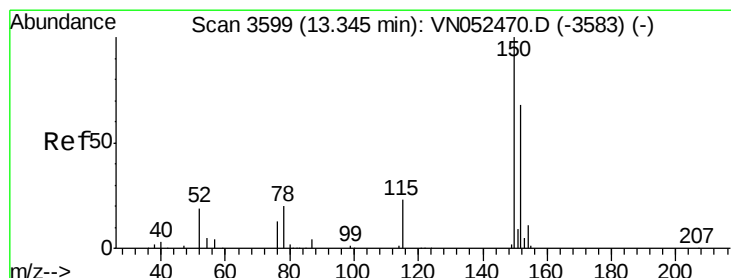
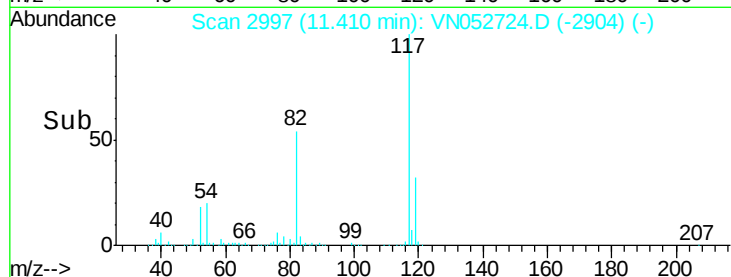
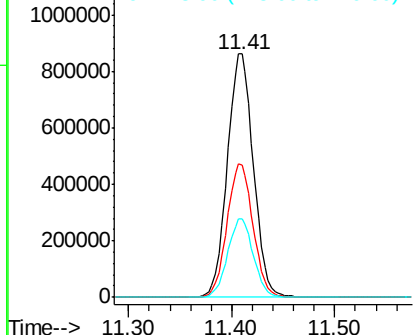
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052724.D
Acq: 7 Dec 2018 14:06

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tgt Ion:117 Resp: 1514350
Ion Ratio Lower Upper
117 100
82 54.4 43.6 65.4
119 32.3 25.4 38.2

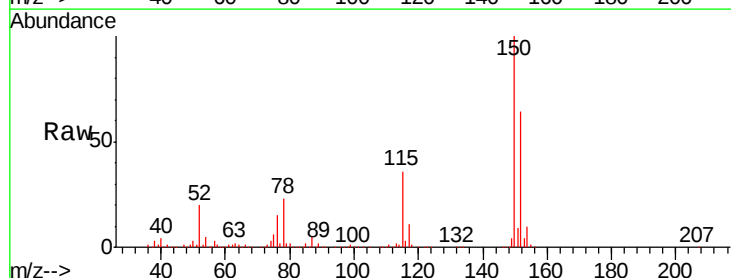


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

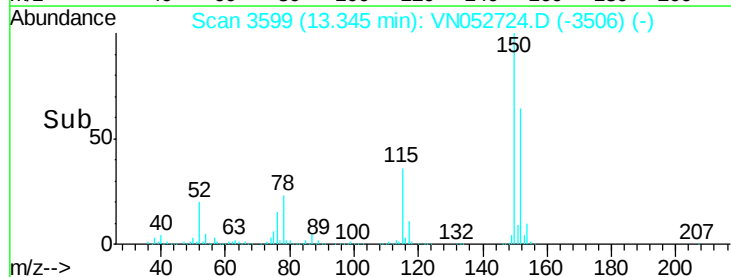
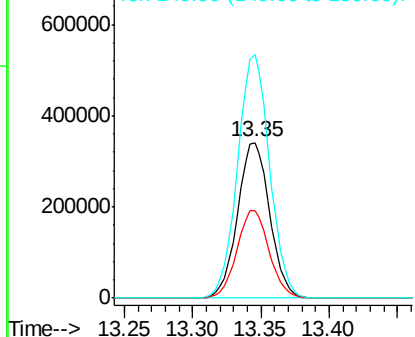


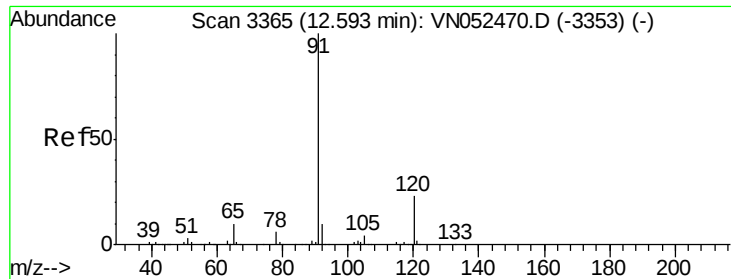
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052724.D
Acq: 7 Dec 2018 14:06

Tgt Ion:152 Resp: 557808
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 156.2 0.0 346.0



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





#78

n-propylbenzene

Concen: 0.269 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052724.D

Acq: 7 Dec 2018 14:06

Instrument :

MSVOA_N

ClientSampled :

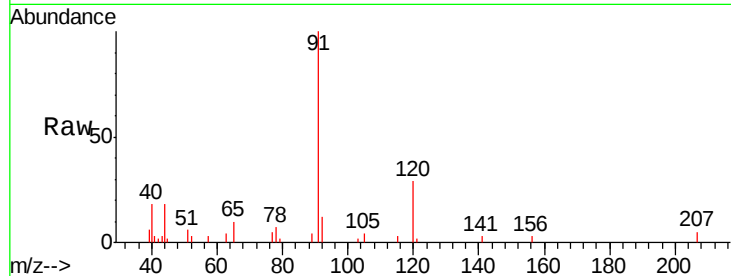
MW-5

Tgt Ion: 91 Resp: 13367

Ion Ratio Lower Upper

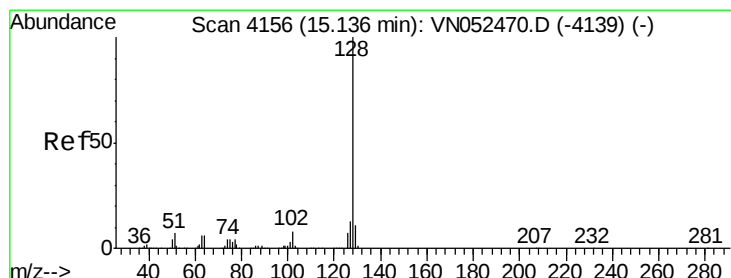
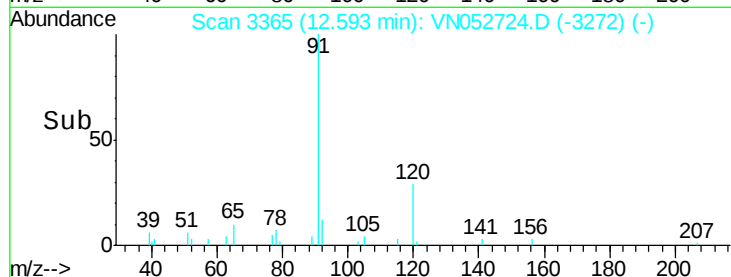
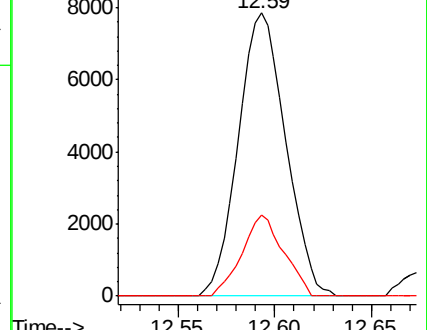
91 100

120 25.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN052724.D (-3353) (-)

Ion 120.00 (119.70 to 120.70): VN052724.D (-3353) (-)



#95

Naphthalene

Concen: 3.574 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052724.D

Acq: 7 Dec 2018 14:06

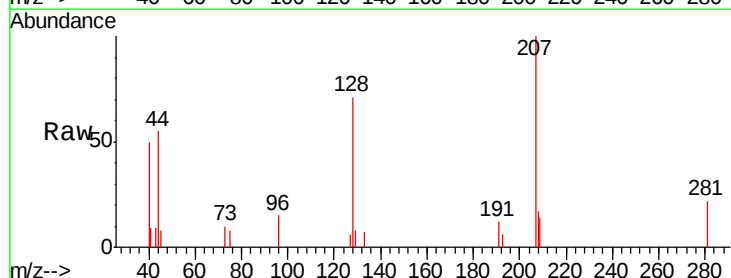
Tgt Ion: 128 Resp: 3283

Ion Ratio Lower Upper

128 100

127 9.5 10.2 15.2#

129 8.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VN052724.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN052724.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN052724.D (-4139) (-)

