

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054350.D
 Acq On : 16 Mar 2019 21:19
 Operator : JC/SP
 Sample : K1899-03DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4ADL

Quant Time: Mar 18 12:16:32 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

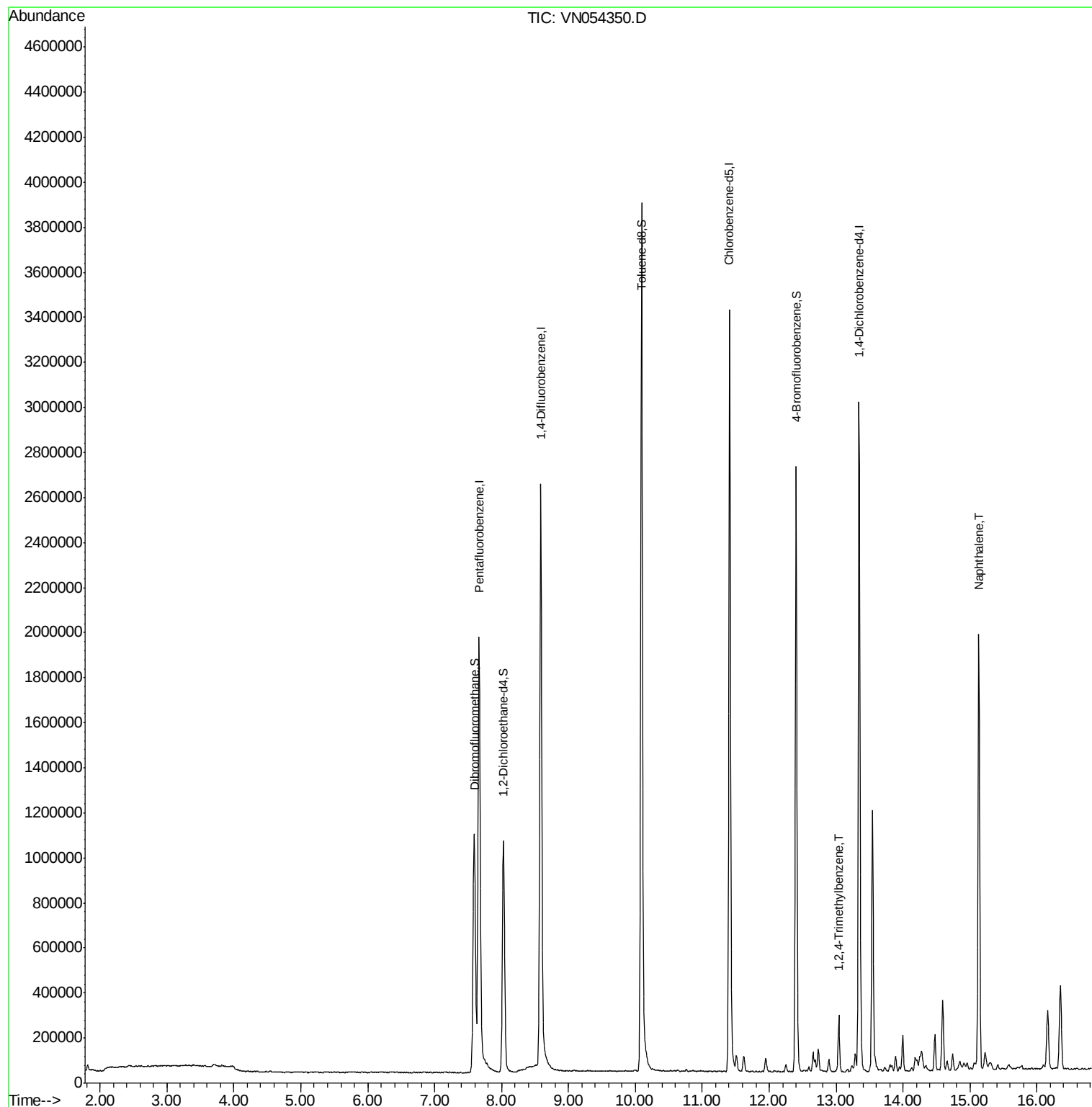
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1868754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2685385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2236085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	882593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	903687	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
35) Dibromofluoromethane	7.59	113	811963	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	10.09	98	3088707	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.40	95	939153	41.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.92%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.04	105	147478	2.559	ug/l	100
95) Naphthalene	15.13	128	1743862	45.392	ug/l	100

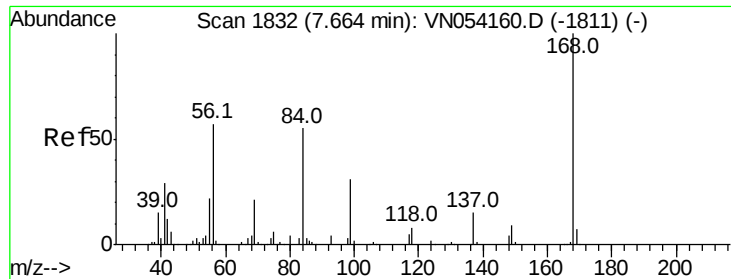
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054350.D

Acq: 16 Mar 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

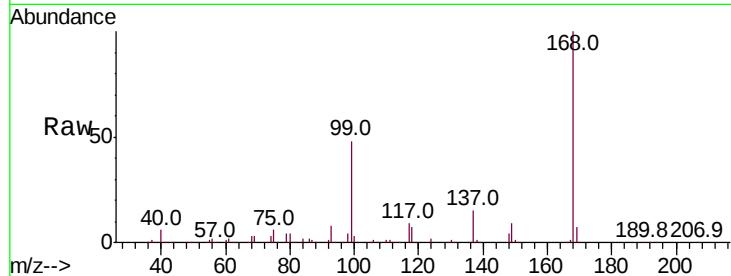
MW-4ADL

Tot Ion:168 Resp: 1868754

Ion Ratio Lower Upper

168 100

99 48.2 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

800000

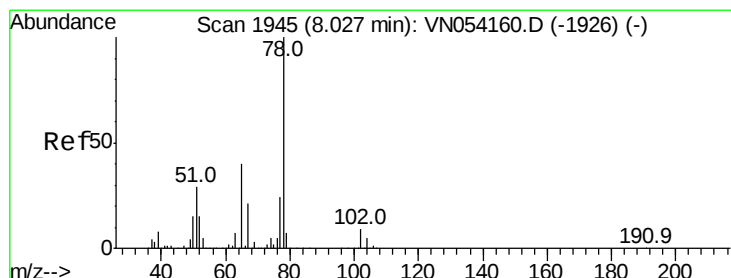
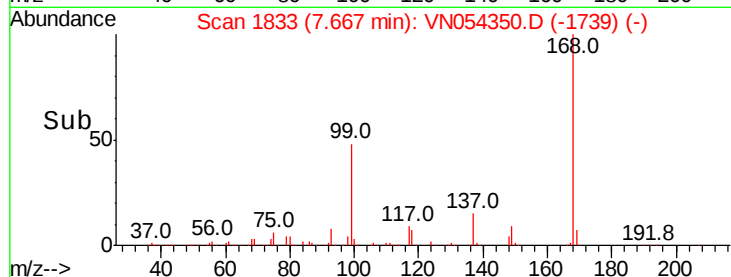
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 45.534 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054350.D

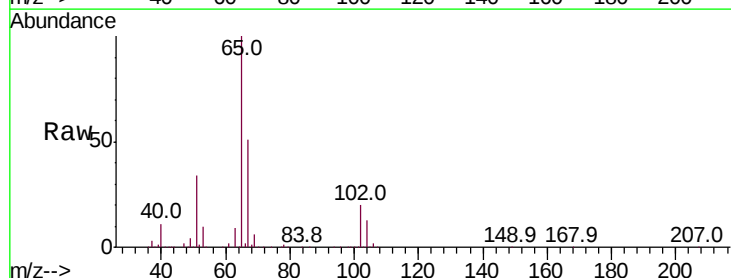
Acq: 16 Mar 2019 21:19

Tgt Ion: 65 Resp: 903687

Ion Ratio Lower Upper

65 100

67 52.5 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

400000

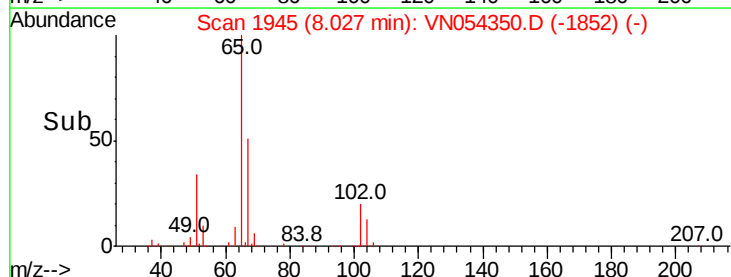
300000

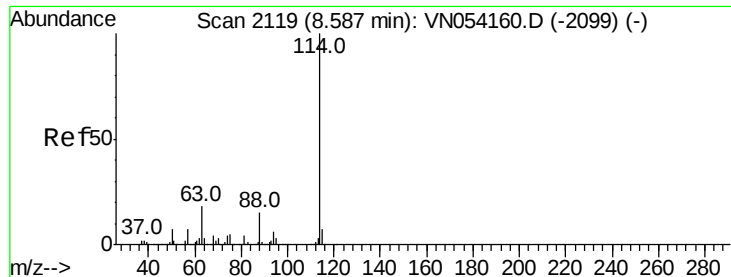
200000

100000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054350.D

Acq: 16 Mar 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

MW-4ADL

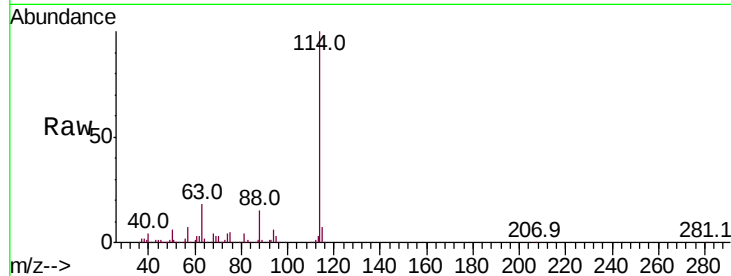
Tot Ion:114 Resp: 2685385

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

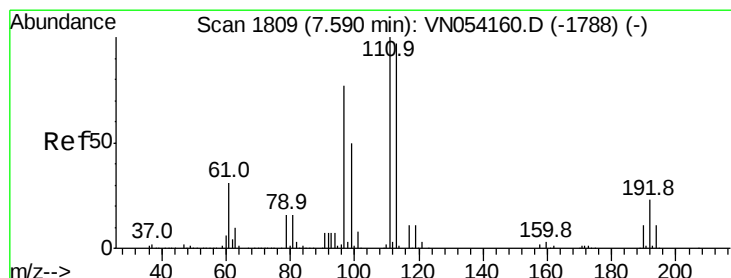
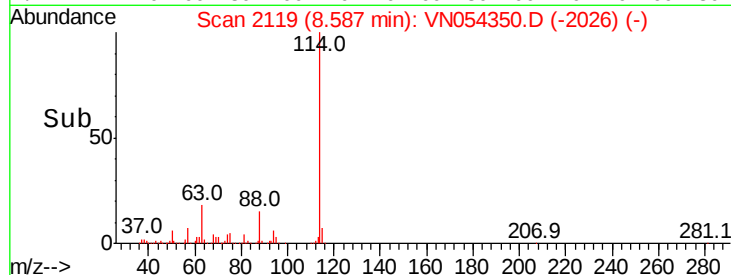
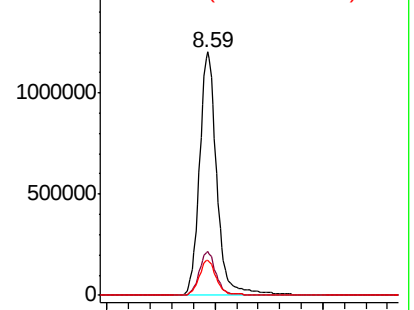
88 14.5 0.0 30.2



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: 46.881 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054350.D

Acq: 16 Mar 2019 21:19

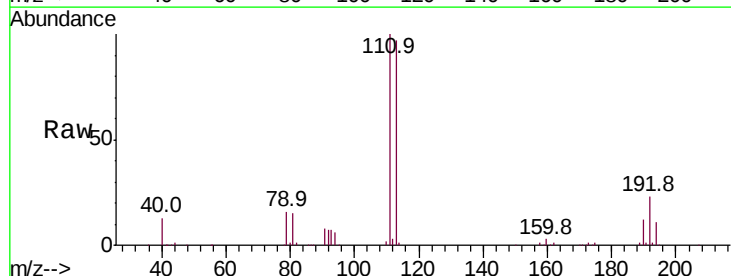
Tgt Ion:113 Resp: 811963

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

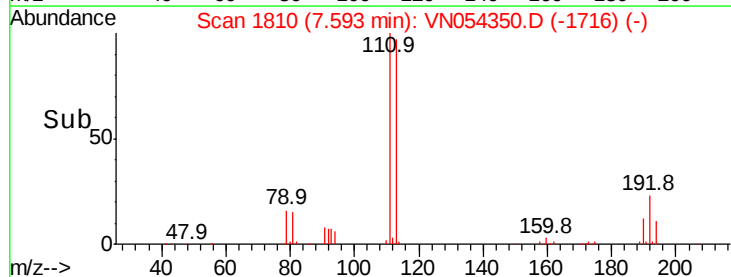
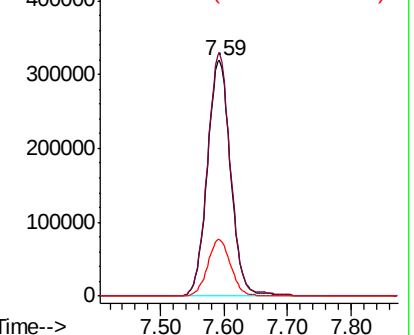
192 23.6 19.2 28.8

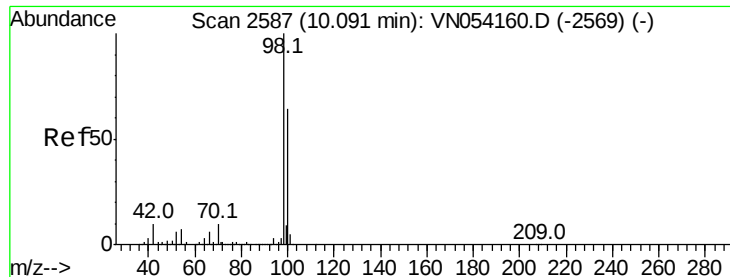


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.288 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054350.D

Acq: 16 Mar 2019 21:19

Instrument :

MSVOA_N

ClientSampleId :

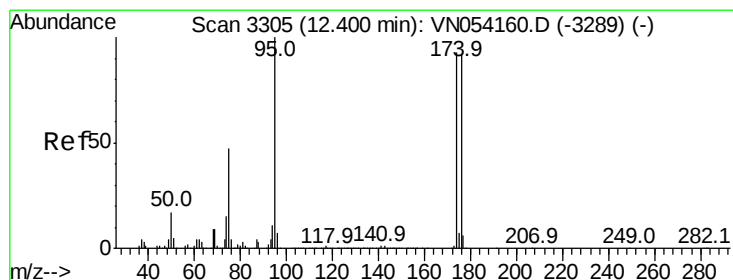
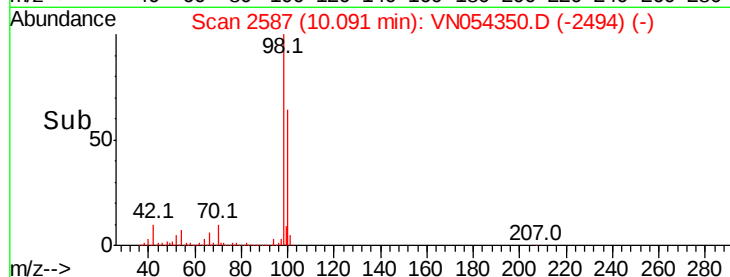
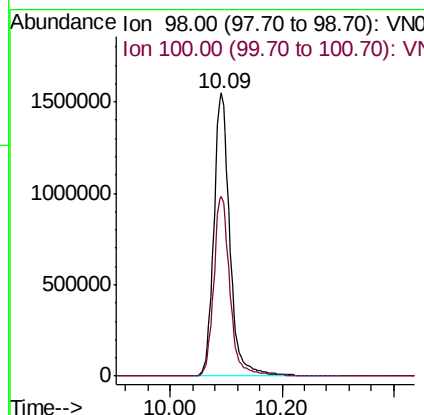
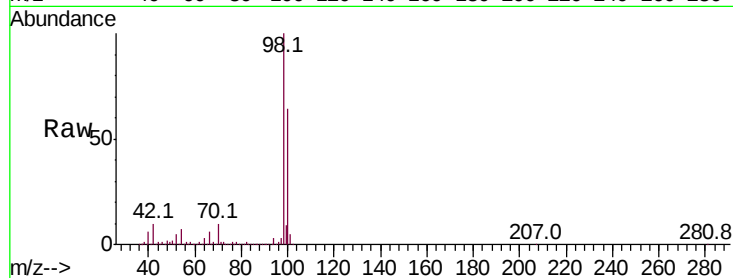
MW-4ADL

Tot Ion: 98 Resp: 3088707

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.962 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054350.D

Acq: 16 Mar 2019 21:19

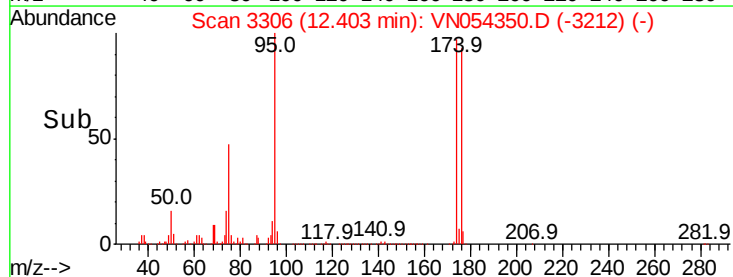
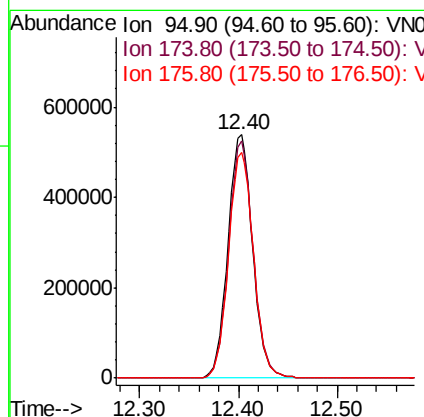
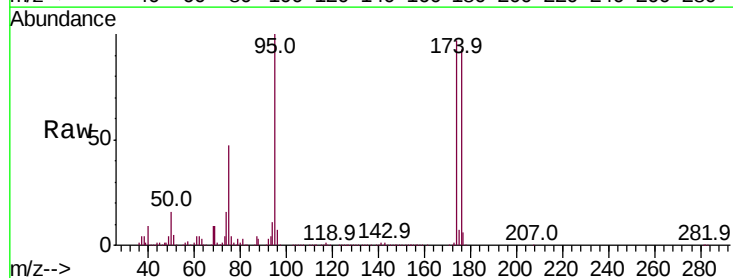
Tgt Ion: 95 Resp: 939153

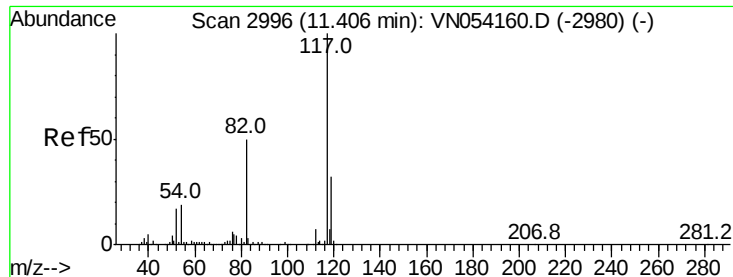
Ion Ratio Lower Upper

95 100

174 96.3 0.0 191.0

176 93.5 0.0 187.4

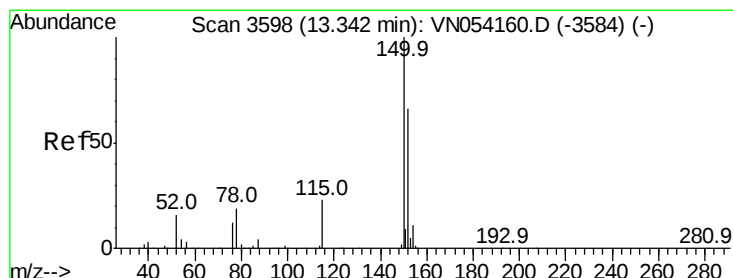
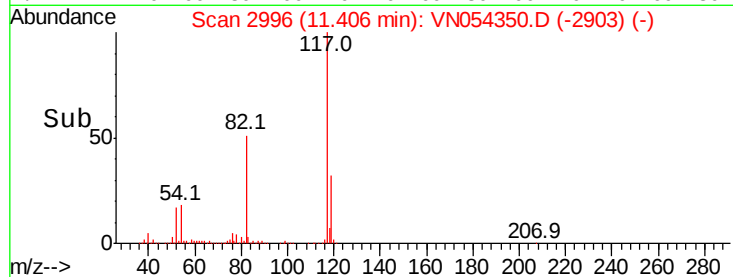
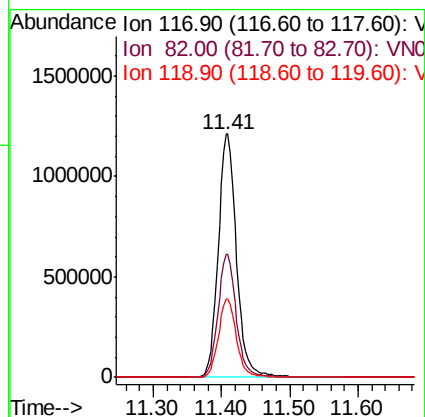
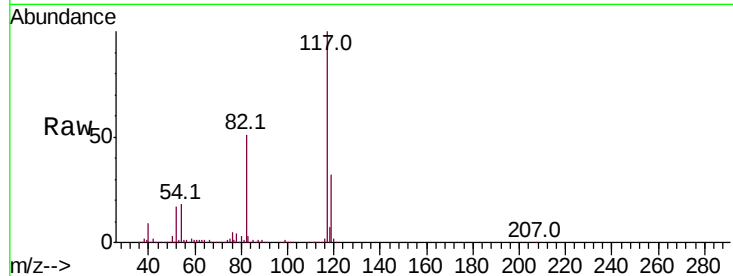




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

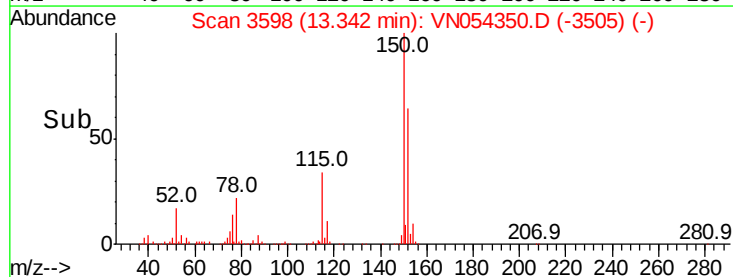
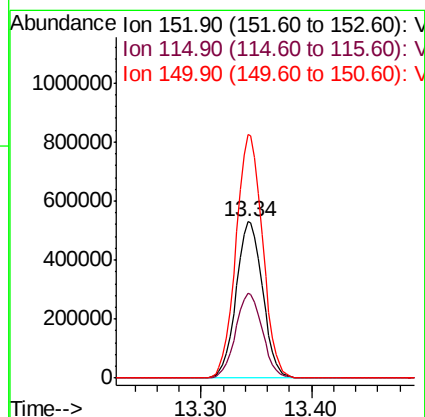
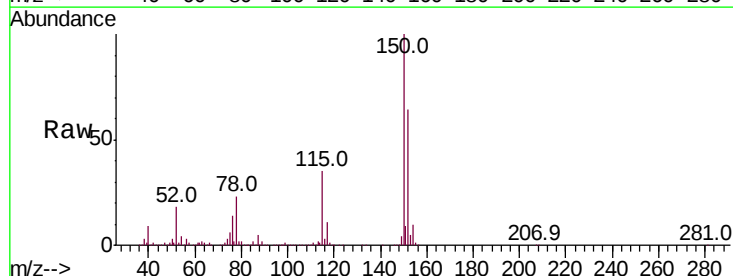
Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

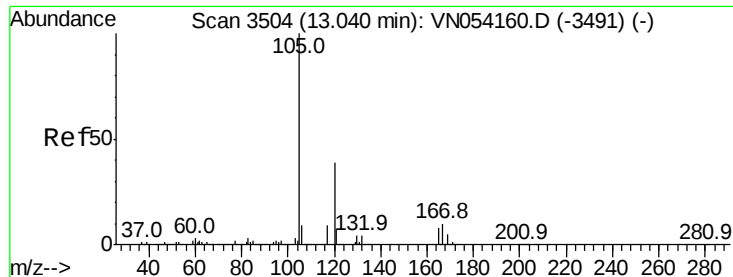
Tot Ion:117 Resp: 2236085
Ion Ratio Lower Upper
117 100
82 50.6 40.0 60.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion:152 Resp: 882593
Ion Ratio Lower Upper
152 100
115 54.4 27.2 81.6
150 155.8 0.0 349.2





#84

1,2,4-Trimethylbenzene

Concen: 2.559 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054350.D

Acq: 16 Mar 2019 21:19

Instrument :

MSVOA_N

ClientSampled :

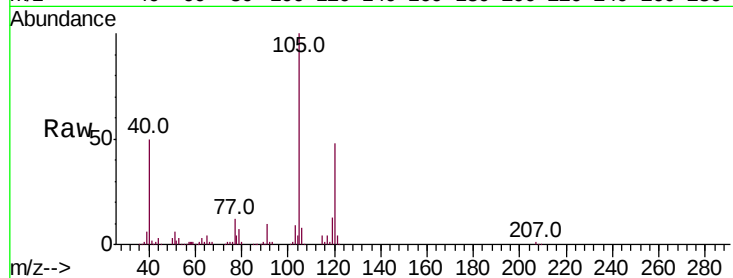
MW-4ADL

Tot Ion:105 Resp: 147478

Ion Ratio Lower Upper

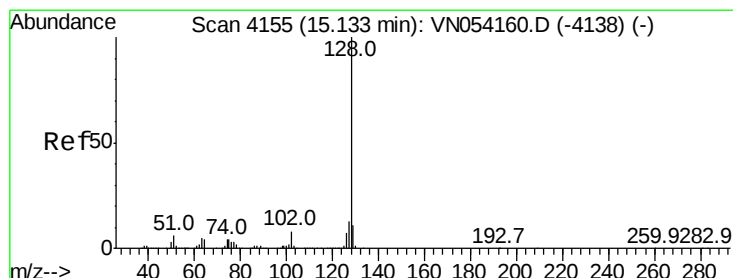
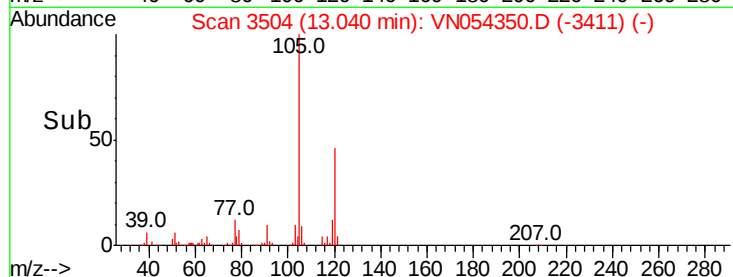
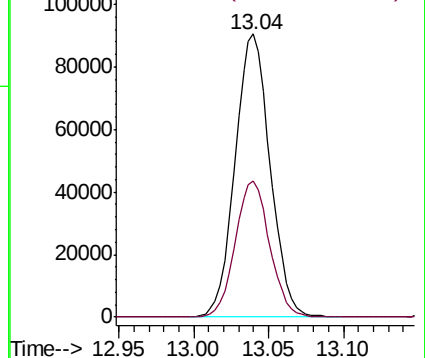
105 100

120 47.0 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 45.392 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054350.D

Acq: 16 Mar 2019 21:19

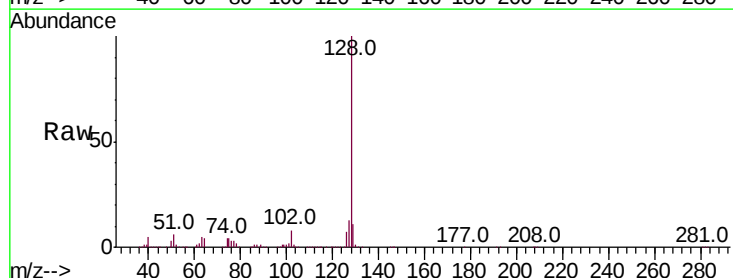
Tgt Ion:128 Resp: 1743862

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

