

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054398.D
 Acq On : 18 Mar 2019 17:11
 Operator : JC/SP
 Sample : K1960-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-MW-1-8.0-031419

Quant Time: Mar 19 09:59:12 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

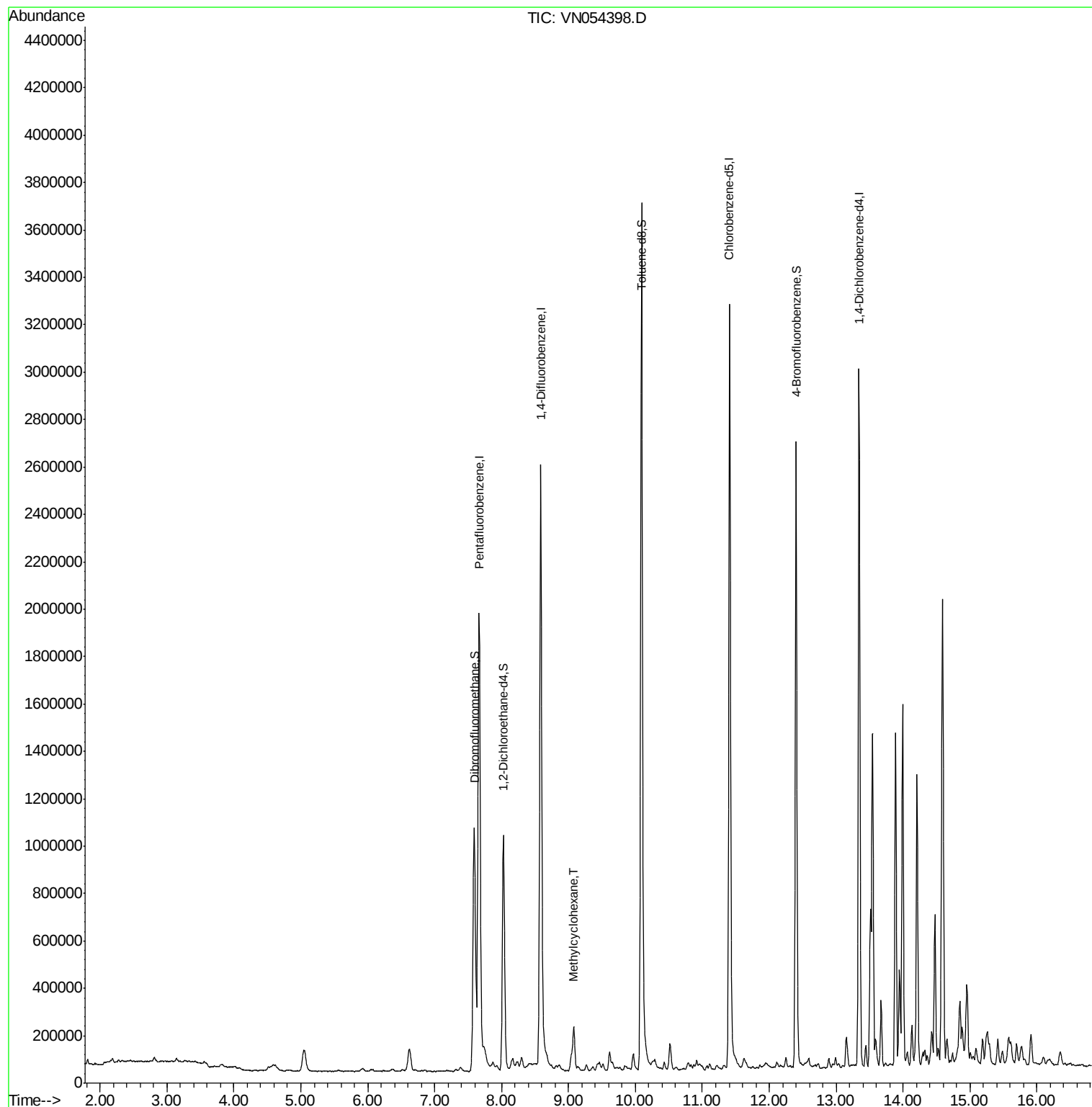
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1788085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2577749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2197922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	867664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	860869	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
35) Dibromofluoromethane	7.59	113	785117	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	10.09	98	2996612	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.40	95	920564	42.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.70%	
Target Compounds						
39) Methylcyclohexane	9.08	83	91966	3.149	ug/l	Qvalue 96

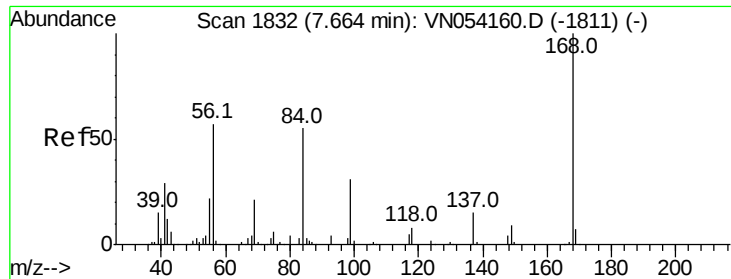
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

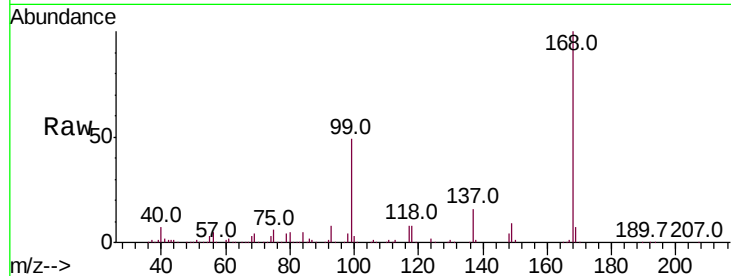
T11-MW-1-8.0-031419

Tot Ion:168 Resp: 1788085

Ion Ratio Lower Upper

168 100

99 48.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

800000

600000

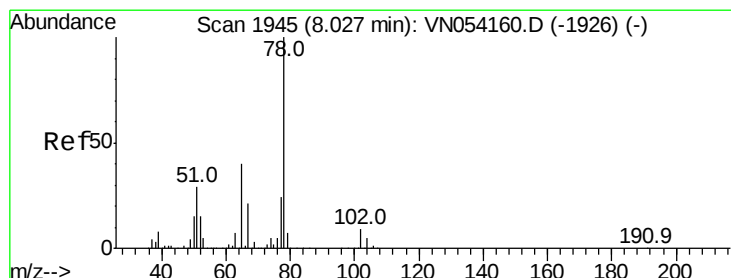
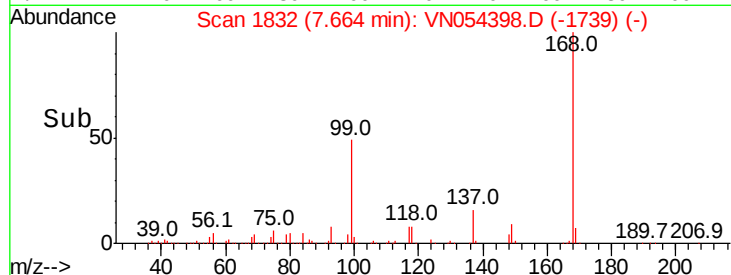
400000

200000

0

7.60 7.65 7.70 7.75 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.334 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054398.D

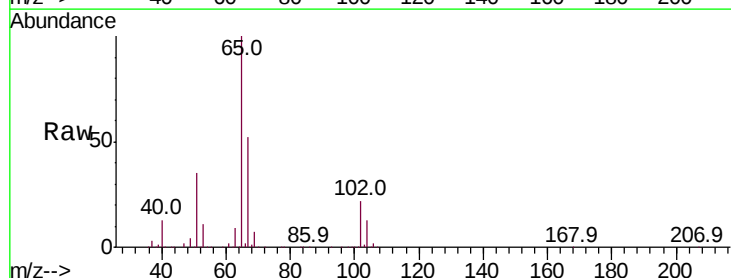
Acq: 18 Mar 2019 17:11

Tgt Ion: 65 Resp: 860869

Ion Ratio Lower Upper

65 100

67 52.3 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

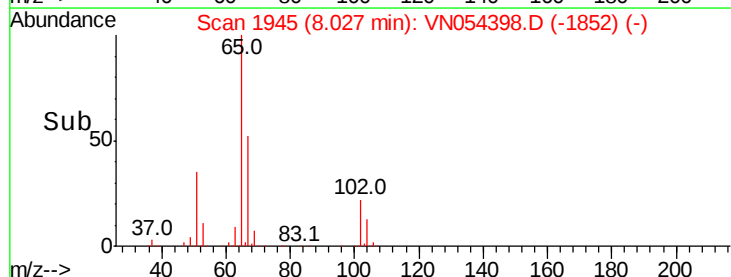
200000

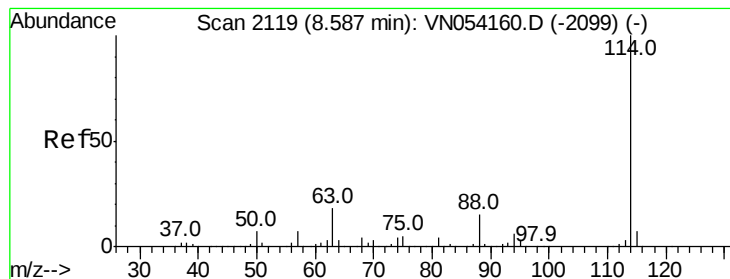
100000

0

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: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-1-8.0-031419

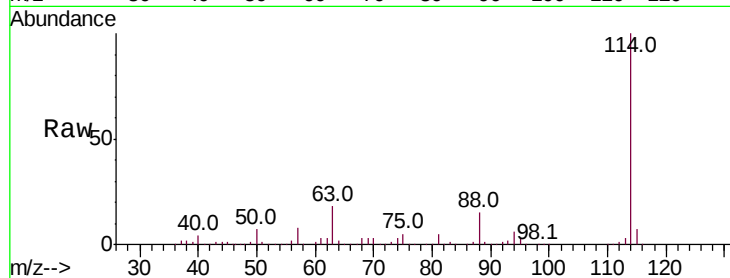
Tot Ion:114 Resp: 2577749

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

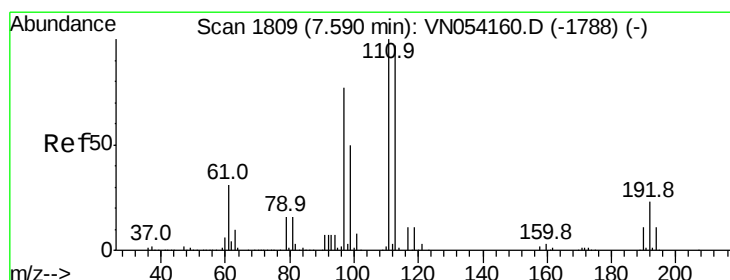
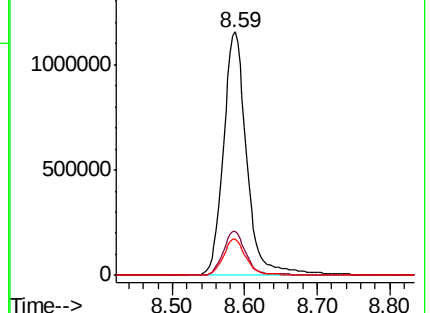
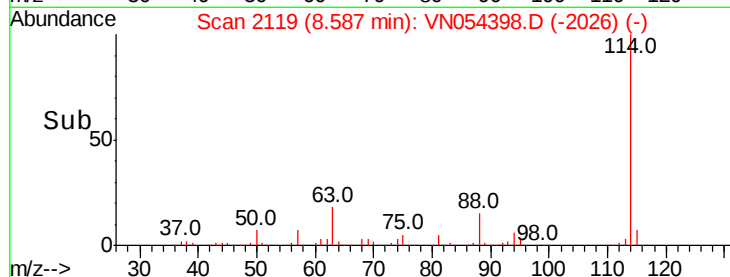
88 15.1 0.0 30.2



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: 47.224 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

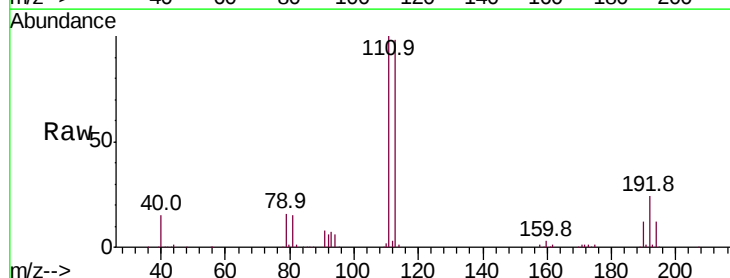
Tgt Ion:113 Resp: 785117

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

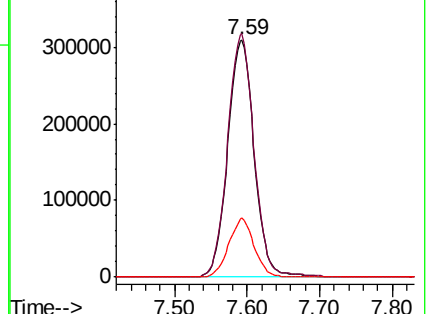
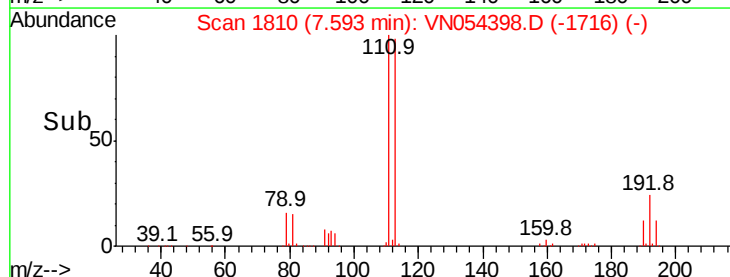
192 23.8 19.2 28.8

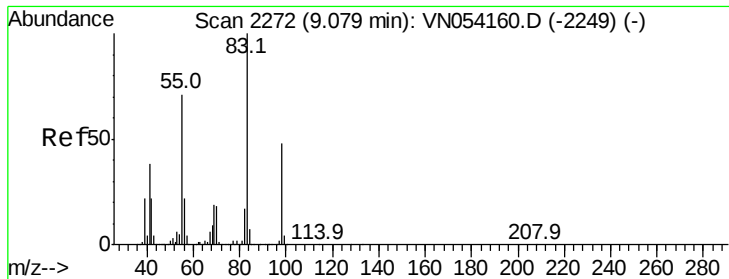


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

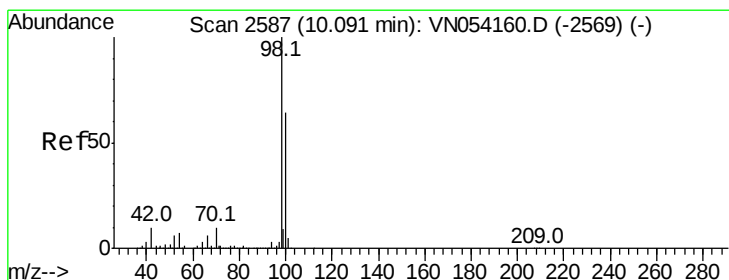
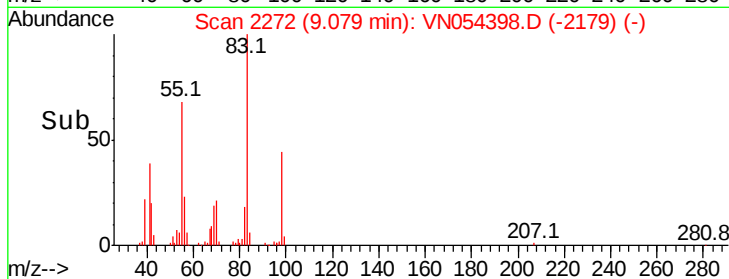
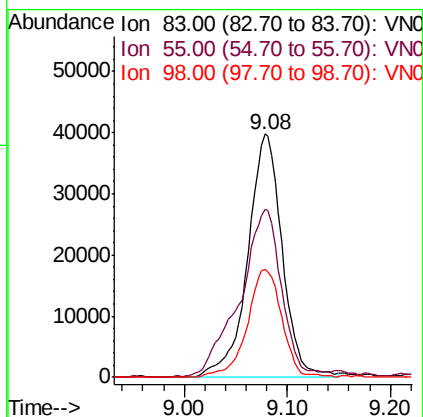
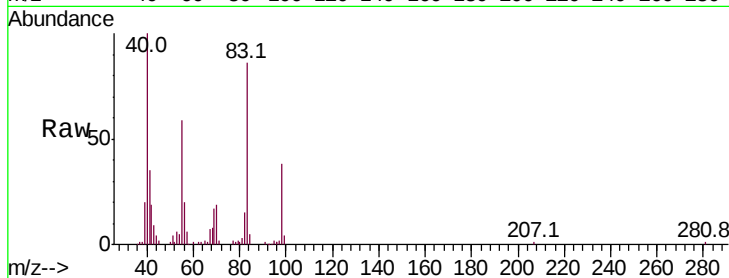




#39
Methvlcvclohexane
Concen: 3.149 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054398.D
Acq: 18 Mar 2019 17:11

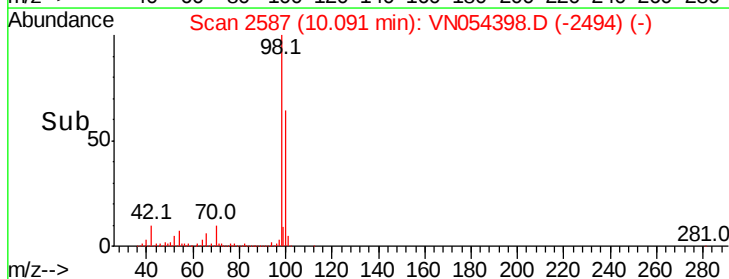
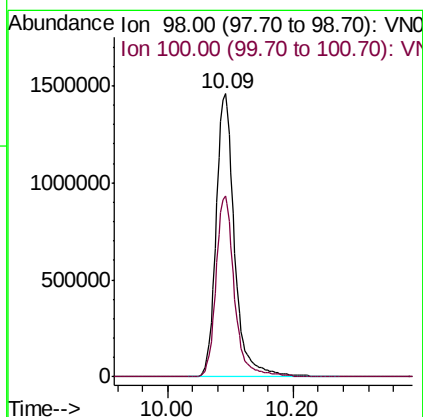
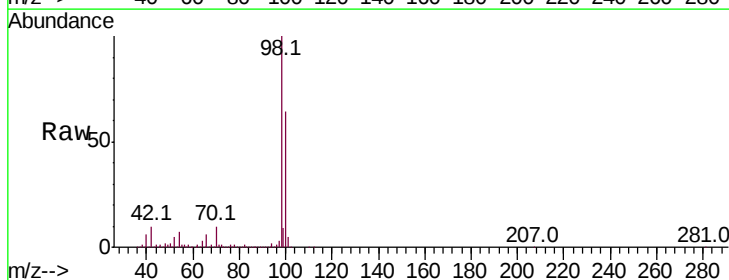
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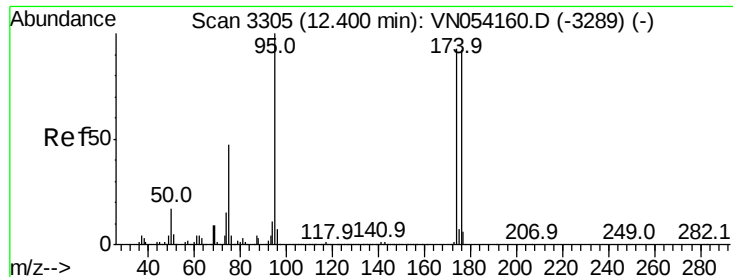
Tot Ion: 83 Resp: 91966
Ion Ratio Lower Upper
83 100
55 68.2 56.6 84.8
98 44.2 38.4 57.6



#50
Toluene-d8
Concen: 48.805 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054398.D
Acq: 18 Mar 2019 17:11

Tgt Ion: 98 Resp: 2996612
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 42.849 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-1-8.0-031419

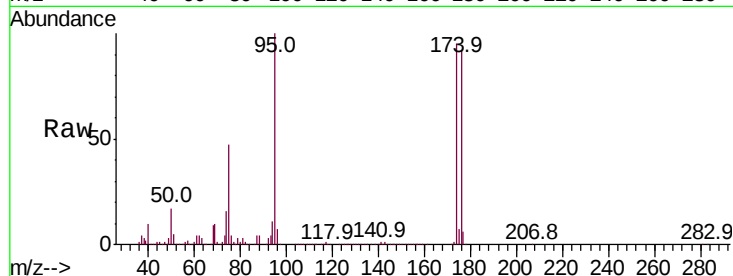
Tot Ion: 95 Resp: 920564

Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.0

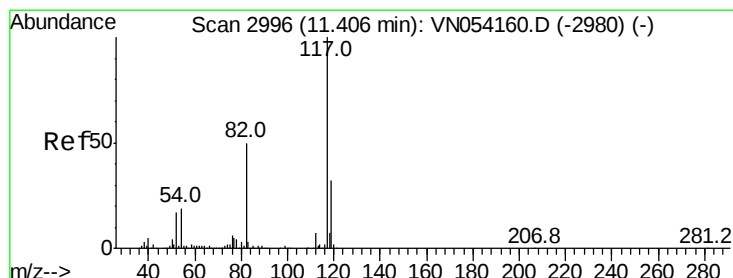
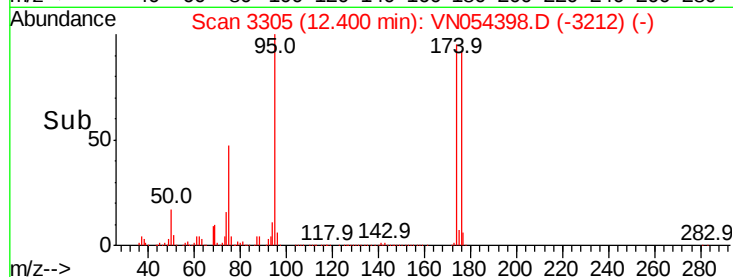
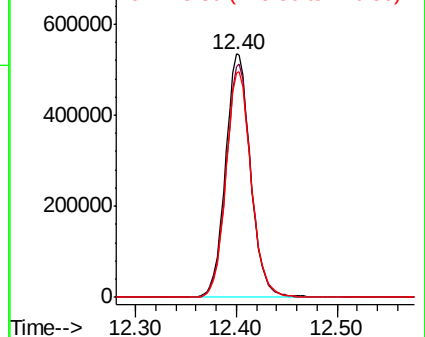
176 93.9 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

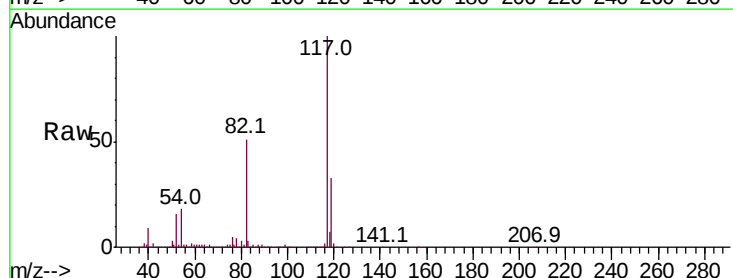
Tgt Ion: 117 Resp: 2197922

Ion Ratio Lower Upper

117 100

82 50.7 40.0 60.0

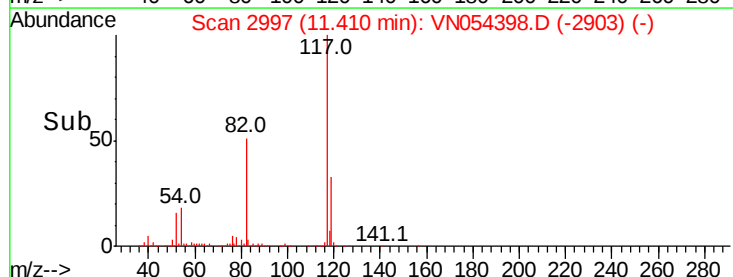
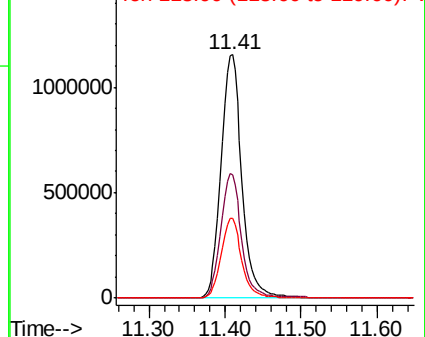
119 32.7 25.8 38.6

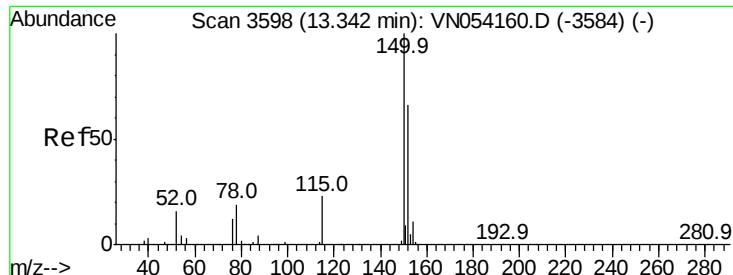


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054398.D

Acq: 18 Mar 2019 17:11

Instrument :

MSVOA_N

ClientSampleId :

T11-MW-1-8.0-031419

Tot Ion:152 Resp: 867664

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

150 156.2 0.0 349.2

