

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054555.D
 Acq On : 22 Mar 2019 13:58
 Operator : JC/SP
 Sample : K2019-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL001-190319

Quant Time: Mar 23 03:37:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

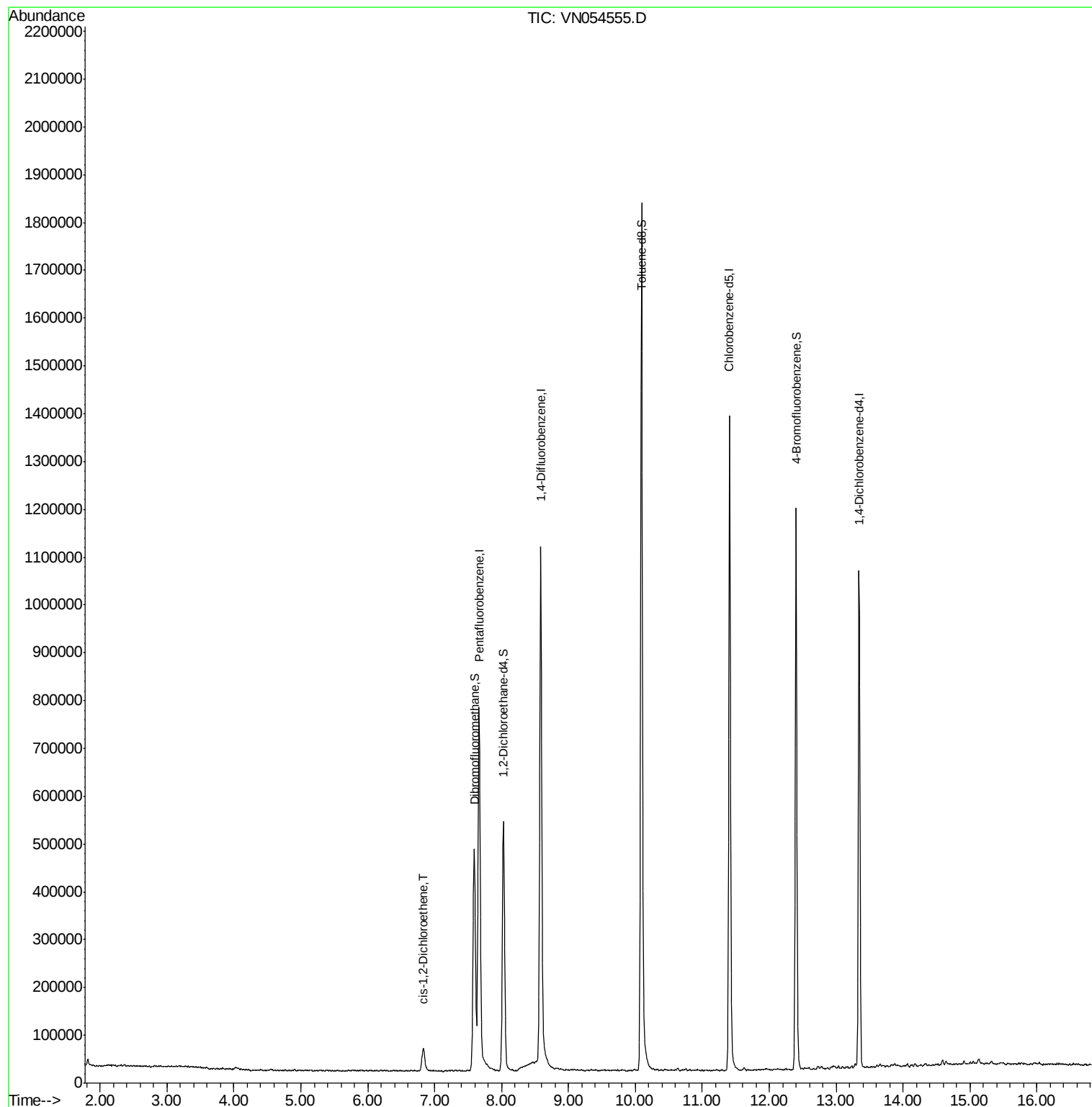
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	665928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1025968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	821495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	283625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	456621	55.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.26%	
35) Dibromofluoromethane	7.59	113	350526	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
50) Toluene-d8	10.09	98	1352337	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
62) 4-Bromofluorobenzene	12.40	95	399950	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.82	96	29534	3.775	ug/l	Qvalue 97

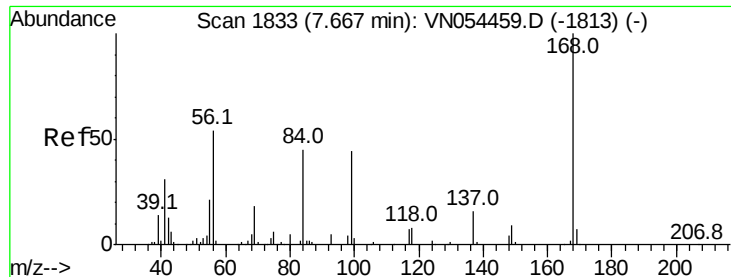
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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ClientSampleId :

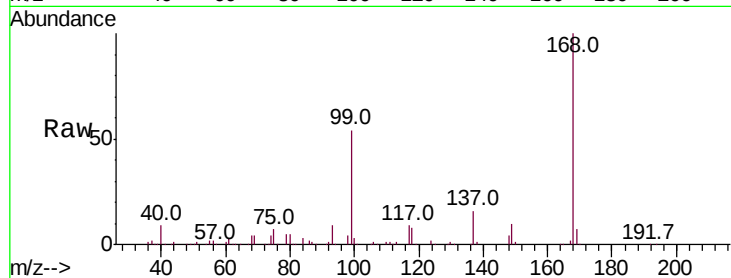
OUTFALL001-190319

Tot Ion:168 Resp: 665928

Ion Ratio Lower Upper

168 100

99 53.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

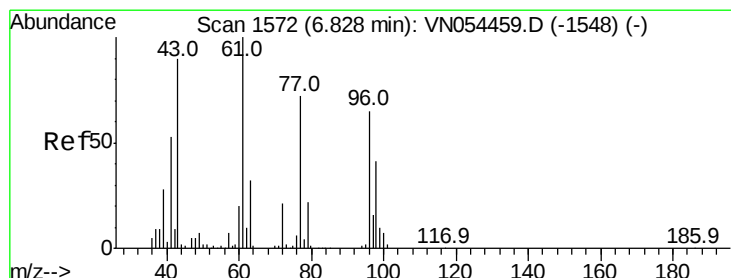
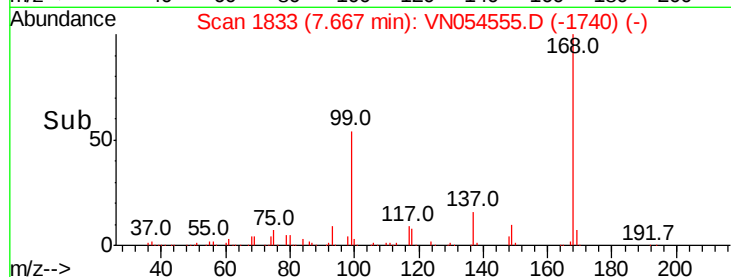
100000

50000

0

Time-->

7.60 7.70 7.80



#27

cis-1,2-Dichloroethene

Concen: 3.775 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN054555.D

Acq: 22 Mar 2019 13:58

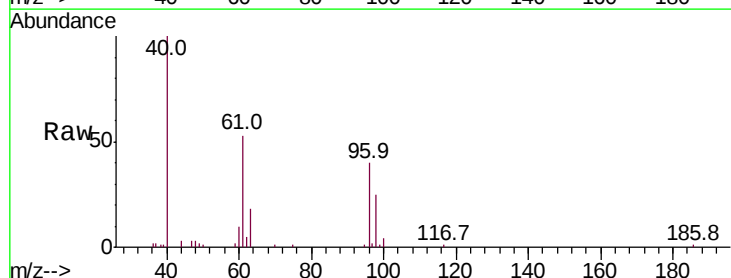
Tgt Ion: 96 Resp: 29534

Ion Ratio Lower Upper

96 100

61 140.0 0.0 273.0

98 68.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

20000

15000

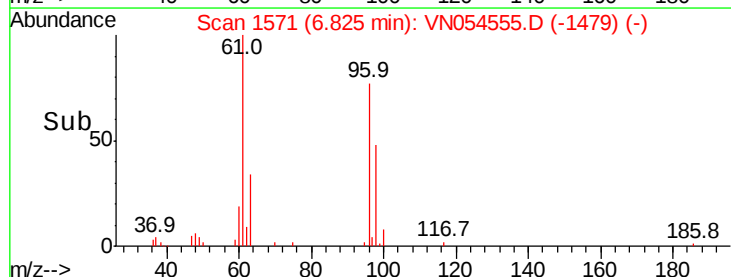
10000

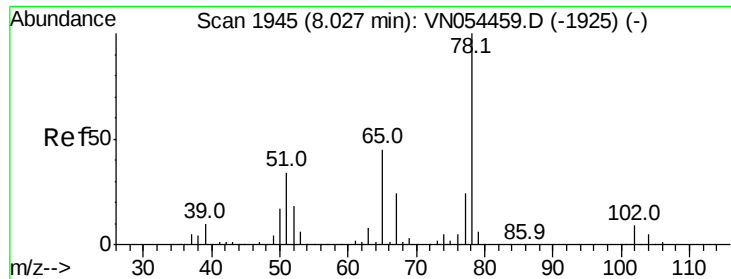
5000

0

Time-->

6.75 6.80 6.85 6.90

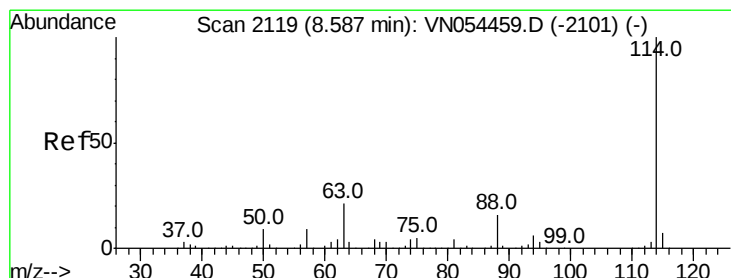
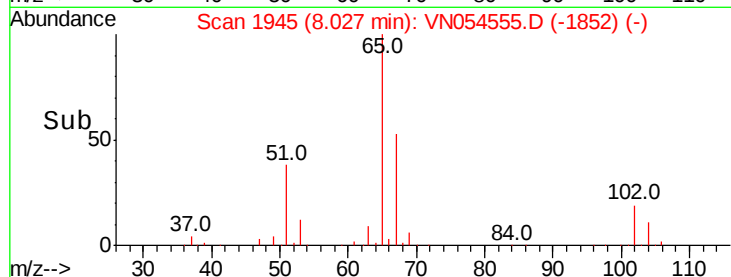
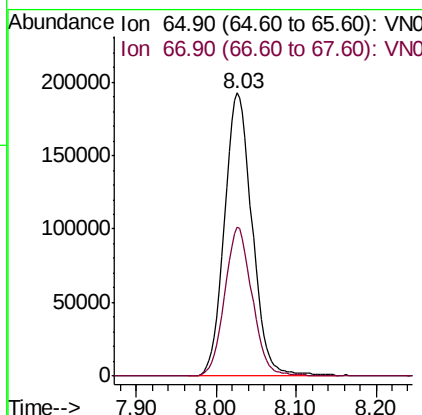
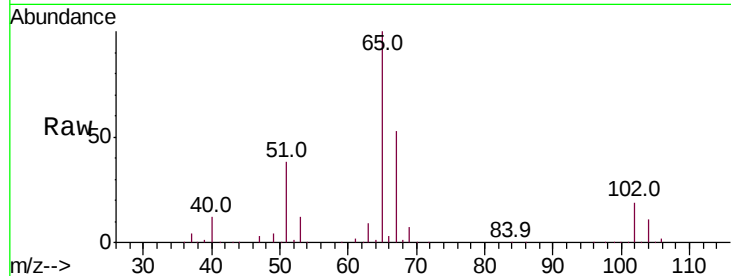




#33
 1,2-Dichloroethane-d4
 Concen: 55.127 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054555.D
 Acq: 22 Mar 2019 13:58

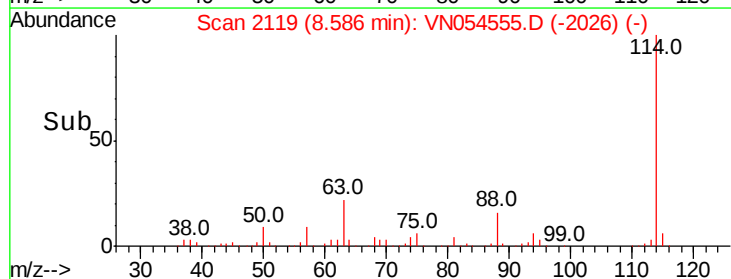
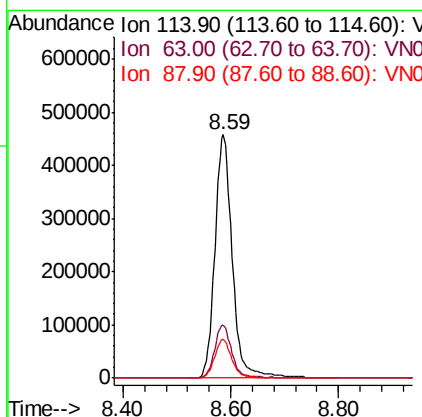
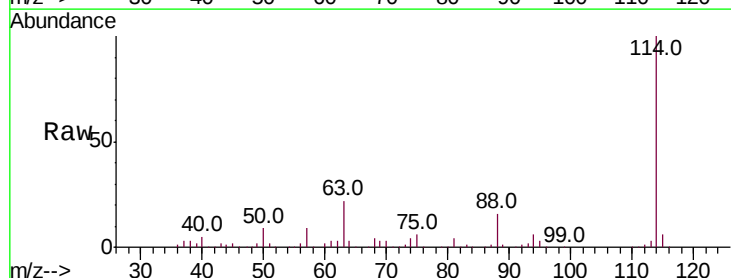
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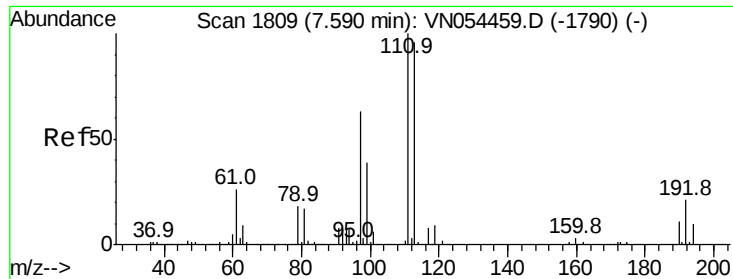
Tot Ion: 65 Resp: 456621
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054555.D
 Acq: 22 Mar 2019 13:58

Tgt Ion: 114 Resp: 1025968
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 35.2
 88 16.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.031 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054555.D

Acq: 22 Mar 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-190319

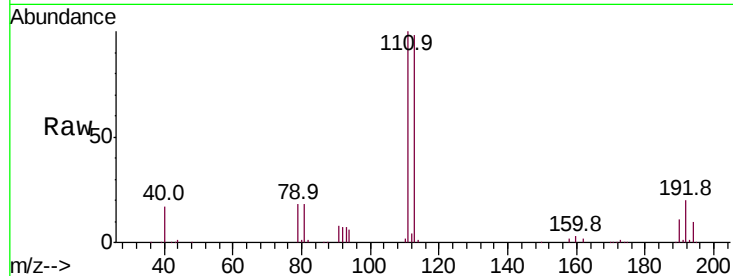
Tot Ion:113 Resp: 350526

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

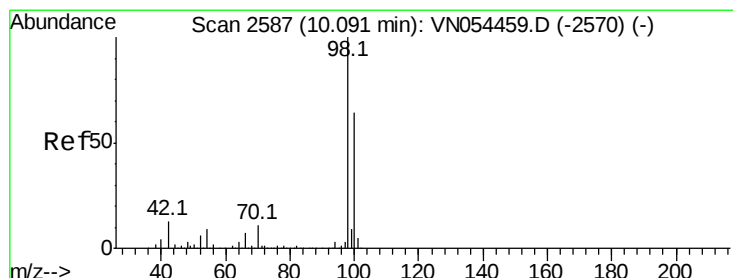
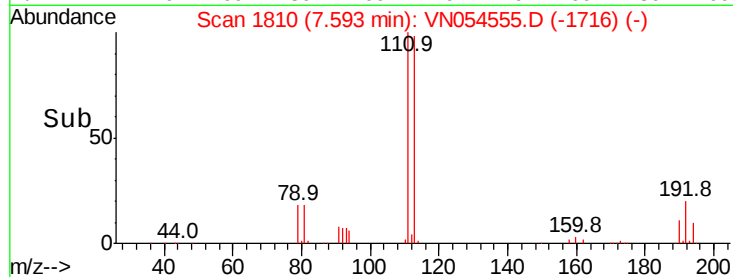
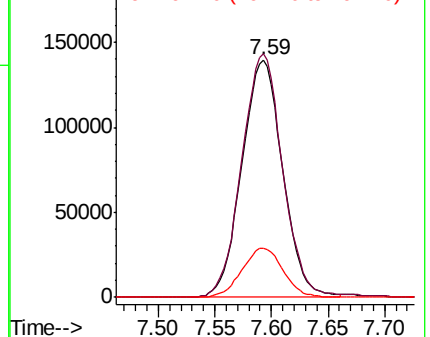
192 21.0 19.2 28.8



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: 54.423 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054555.D

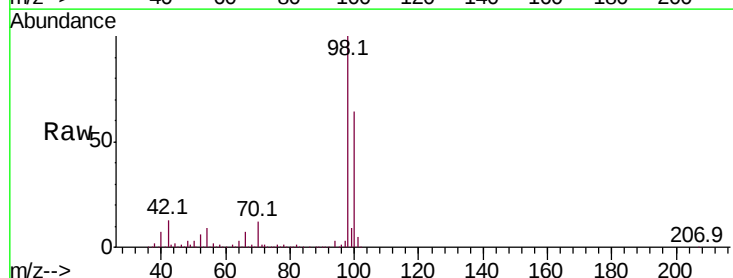
Acq: 22 Mar 2019 13:58

Tgt Ion: 98 Resp: 1352337

Ion Ratio Lower Upper

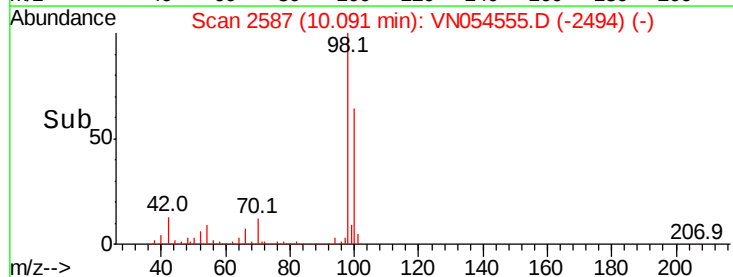
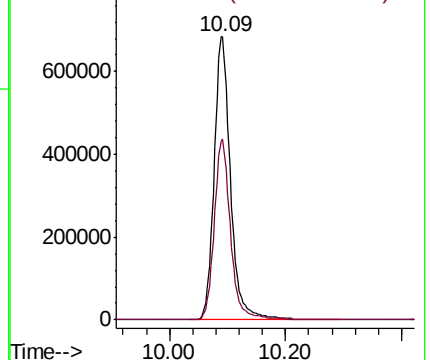
98 100

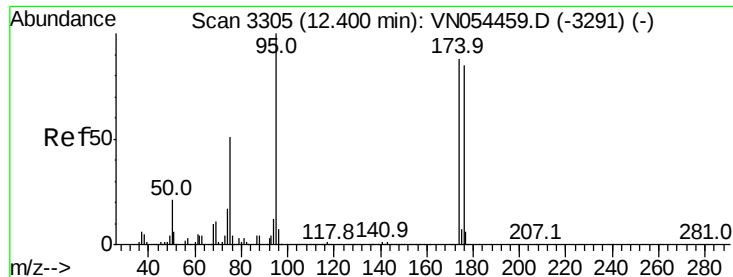
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 47.300 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054555.D

Acq: 22 Mar 2019 13:58

Instrument :

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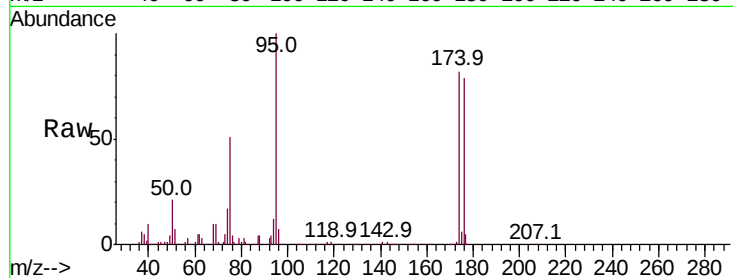
Tot Ion: 95 Resp: 399950

Ion Ratio Lower Upper

95 100

174 83.9 0.0 191.0

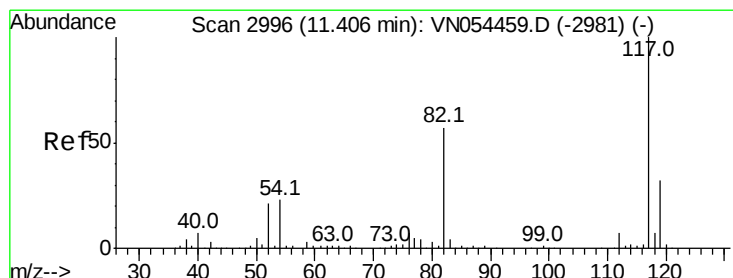
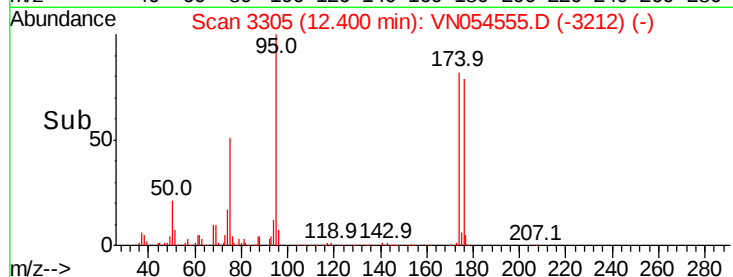
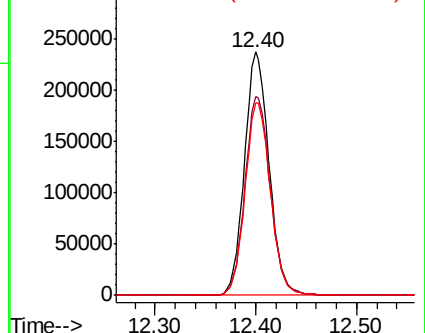
176 81.2 0.0 187.4



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# 2996

Delta R.T. -0.00 min

Lab File: VN054555.D

Acq: 22 Mar 2019 13:58

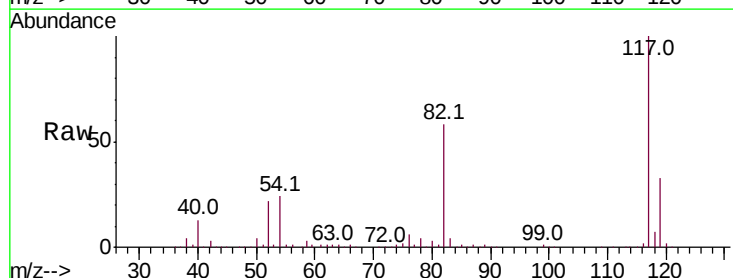
Tgt Ion: 117 Resp: 821495

Ion Ratio Lower Upper

117 100

82 57.8 40.0 60.0

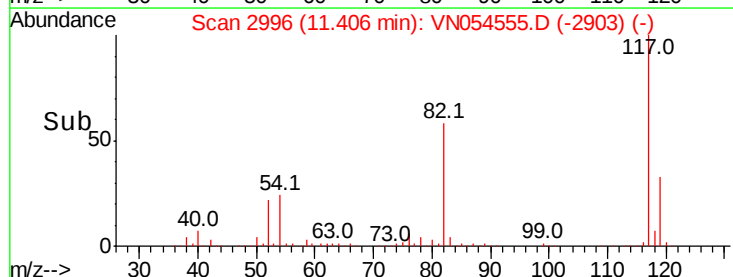
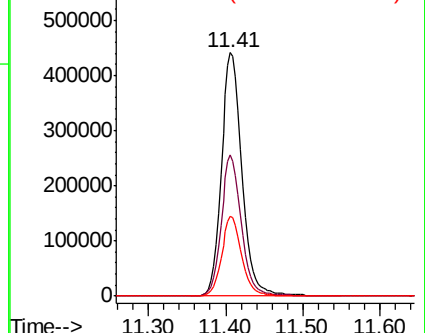
119 33.0 25.8 38.6

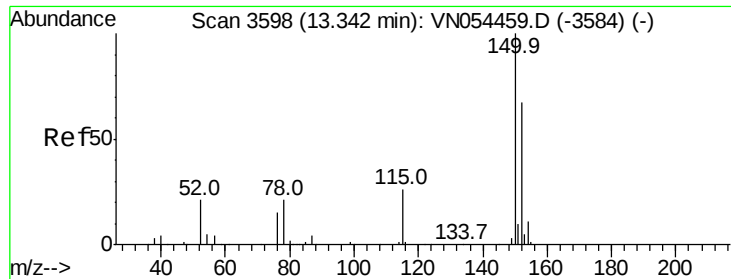


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054555.D

Acq: 22 Mar 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

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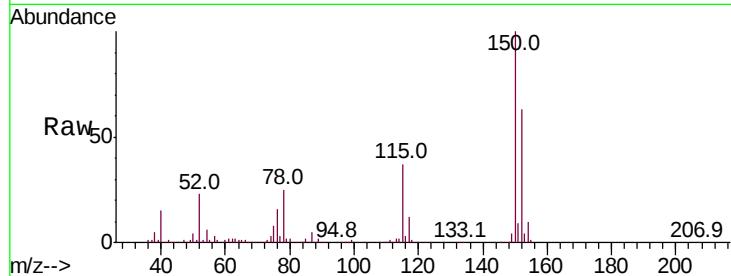
Tot Ion:152 Resp: 283625

Ion Ratio Lower Upper

152 100

115 57.9 27.2 81.6

150 157.8 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

