

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055919.D
 Acq On : 31 May 2019 15:08
 Operator : JC/SP
 Sample : K3134-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 01 02:31:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	378439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	567502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	514395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162589	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	190326	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
35) Dibromofluoromethane	7.59	113	167232	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
50) Toluene-d8	10.09	98	677034	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	208387	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	

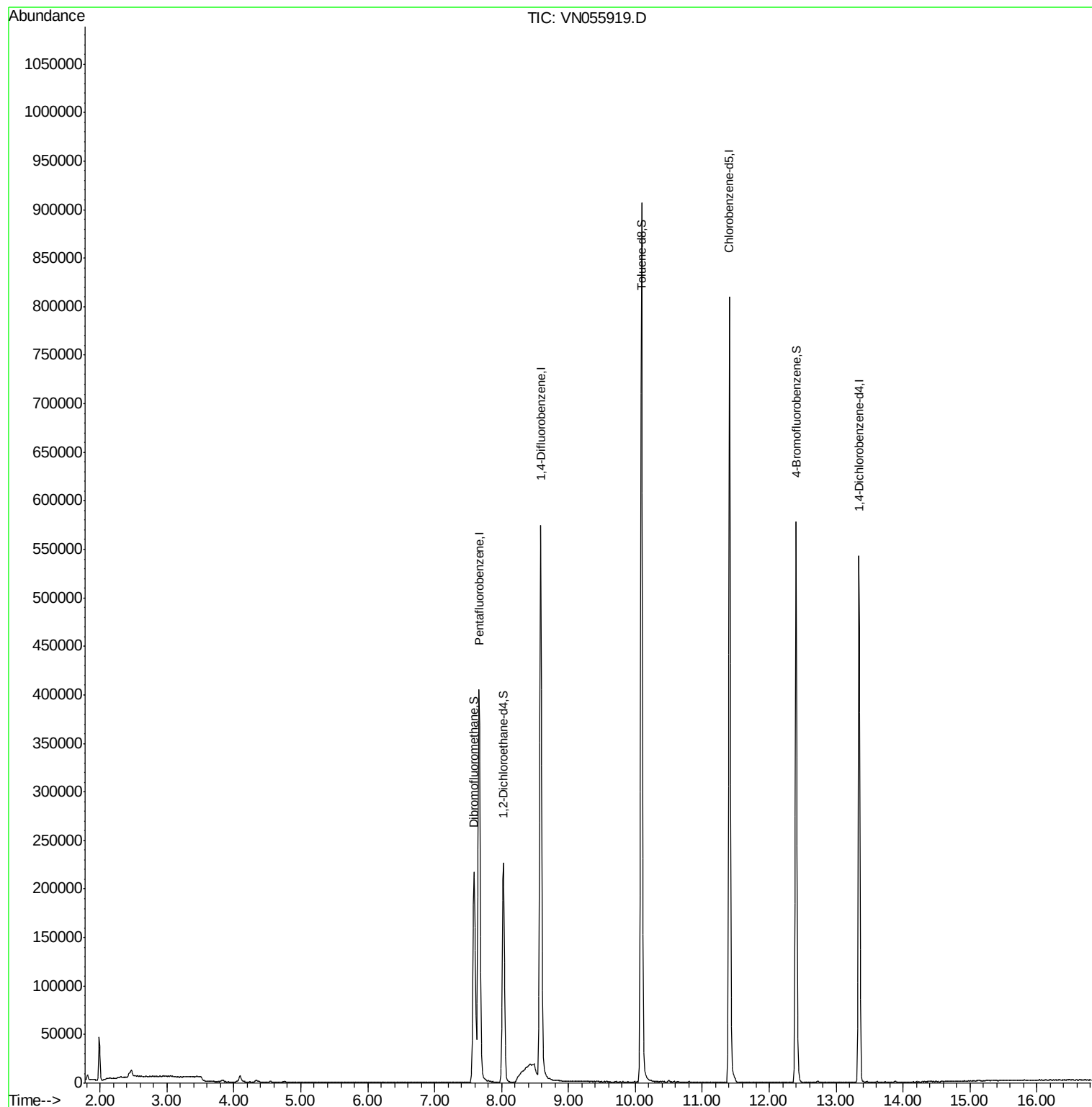
Target Compounds	Qvalue
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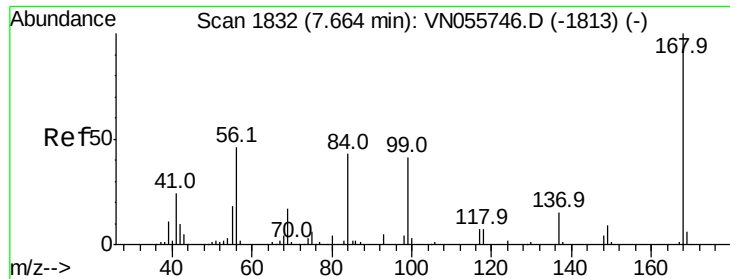
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055919.D

Acq: 31 May 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

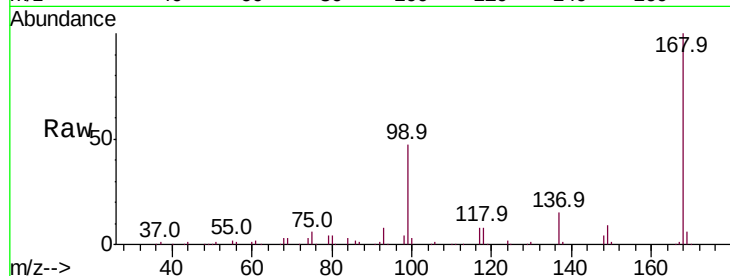
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 378439

Ion Ratio Lower Upper

168 100

99 46.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

150000

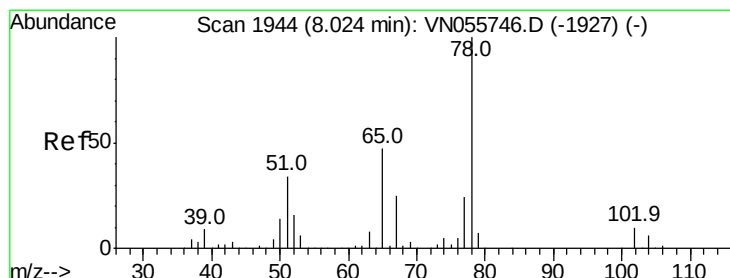
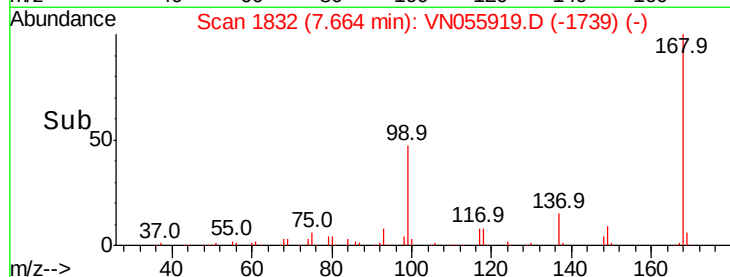
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 48.699 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055919.D

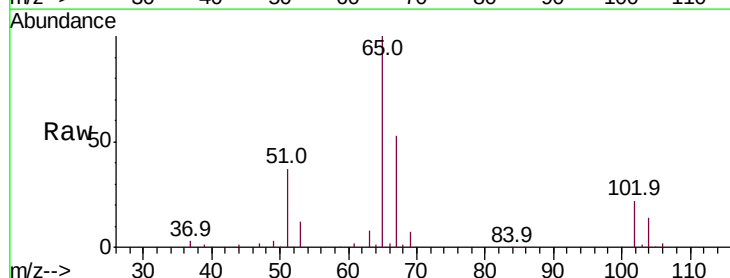
Acq: 31 May 2019 15:08

Tgt Ion: 65 Resp: 190326

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

80000

60000

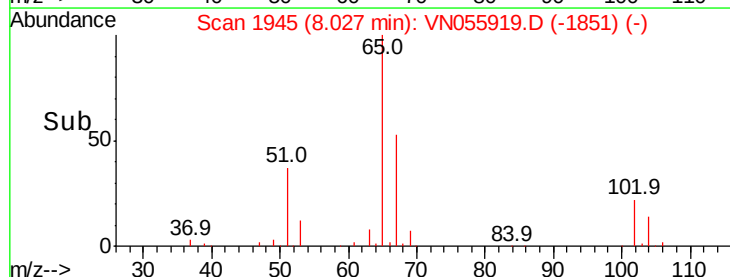
40000

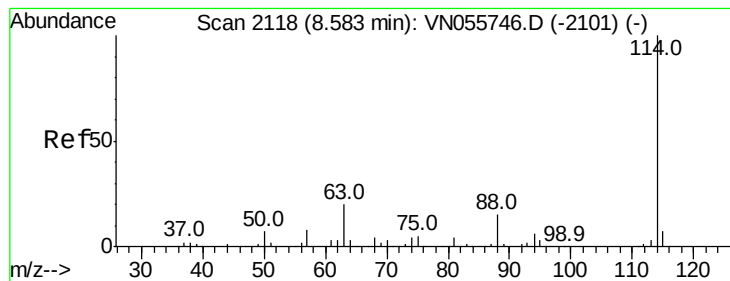
20000

0

Time-->

7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055919.D

Acq: 31 May 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

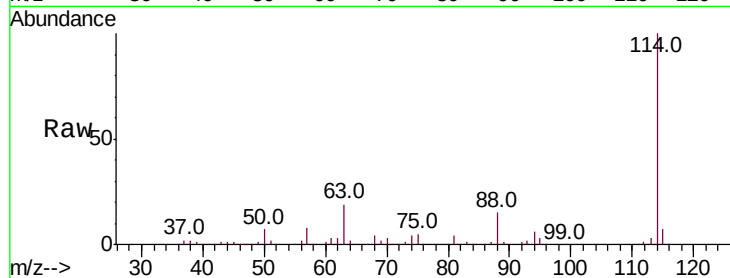
Tot Ion:114 Resp: 567502

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

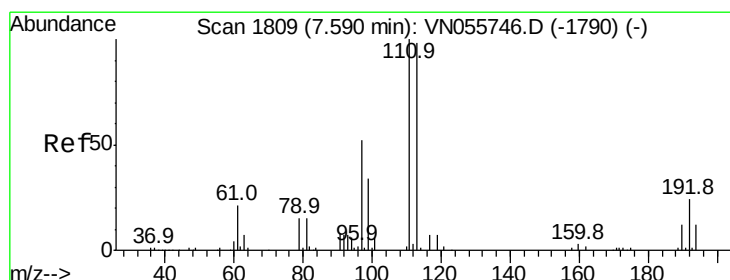
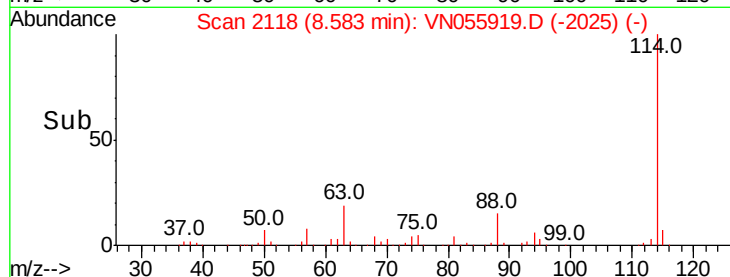
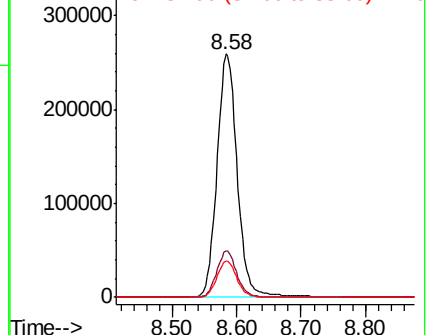
88 15.0 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.609 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055919.D

Acq: 31 May 2019 15:08

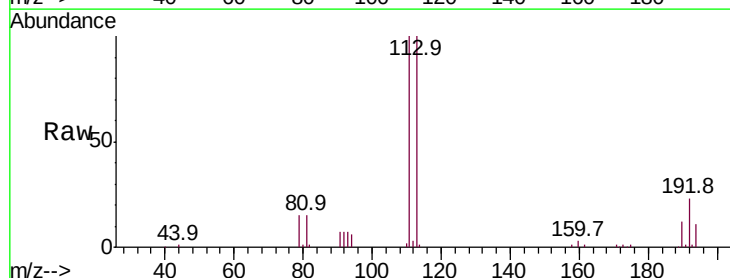
Tgt Ion:113 Resp: 167232

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

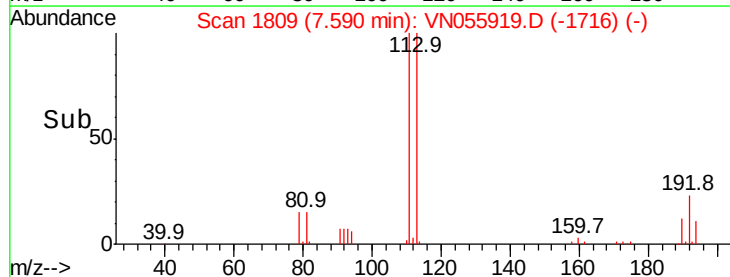
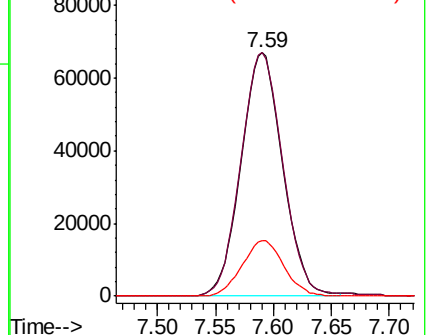
192 23.0 19.5 29.3

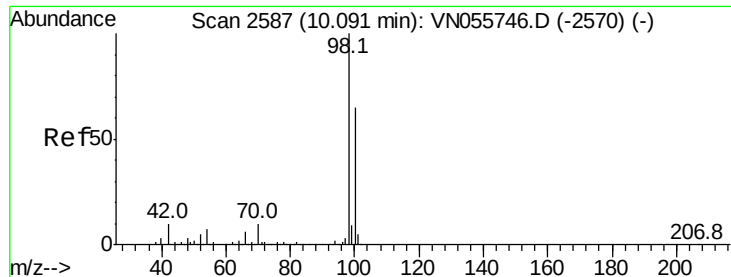


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.192 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055919.D

Acq: 31 May 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

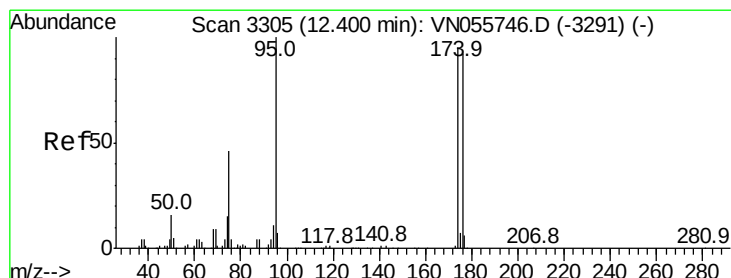
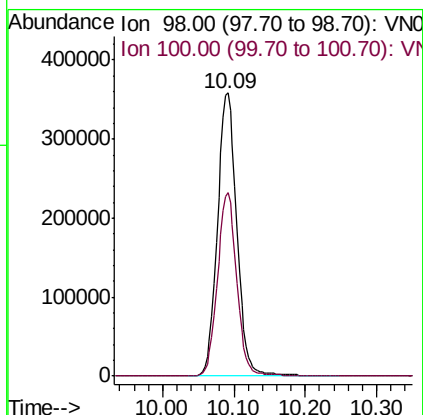
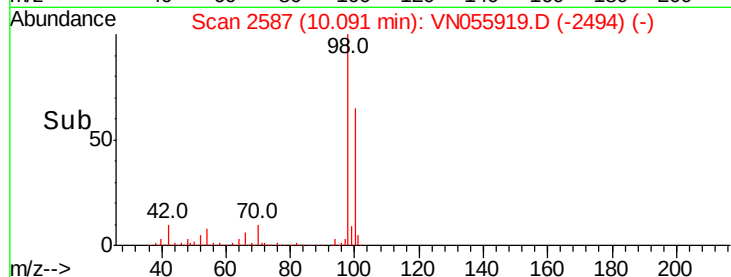
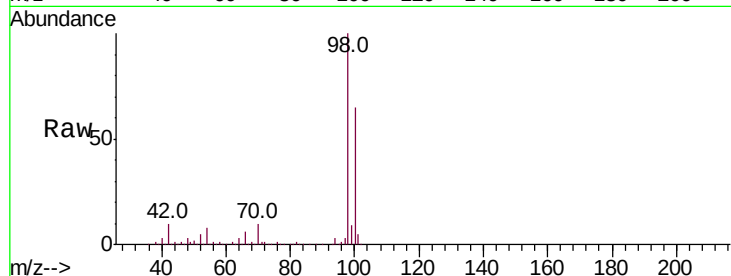
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 677034

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.157 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055919.D

Acq: 31 May 2019 15:08

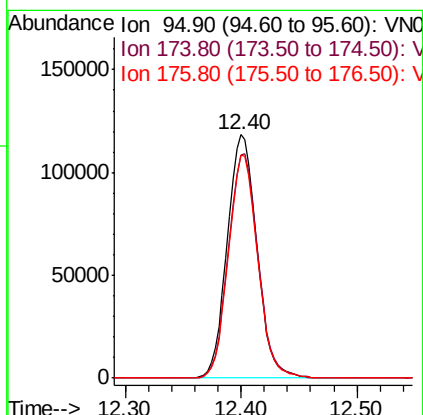
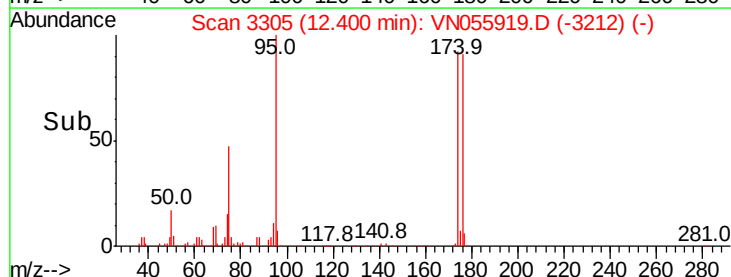
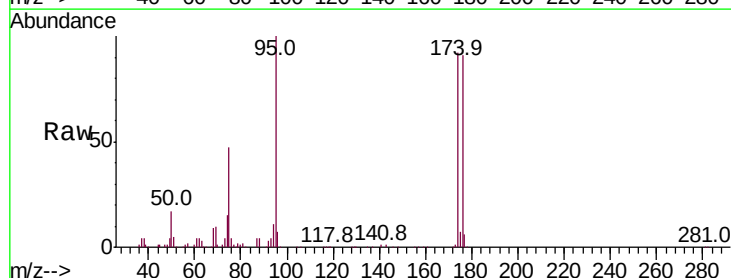
Tgt Ion: 95 Resp: 208387

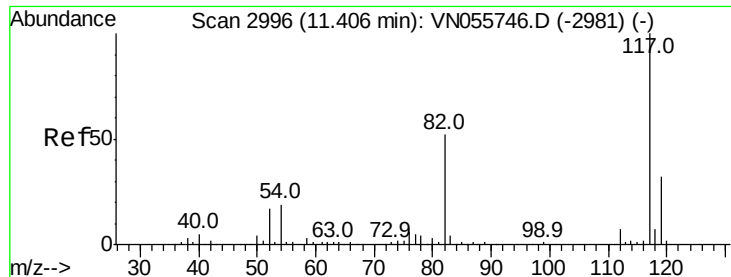
Ion Ratio Lower Upper

95 100

174 92.5 0.0 191.0

176 90.4 0.0 185.2

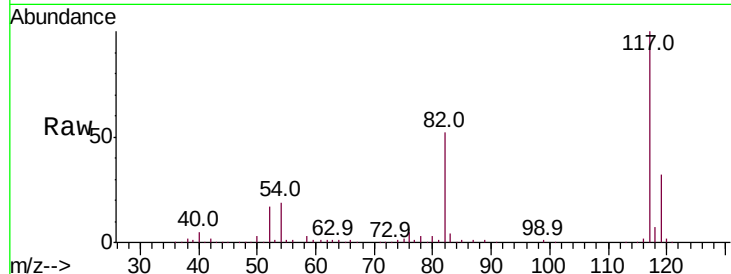




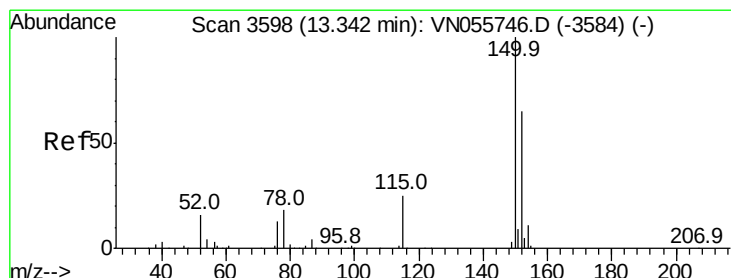
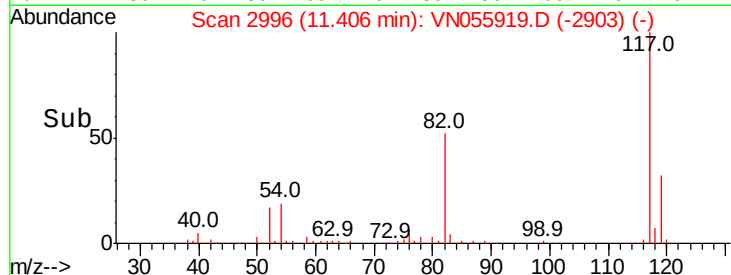
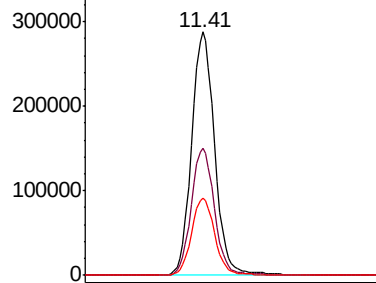
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055919.D
Acq: 31 May 2019 15:08

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 514395
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 31.9 25.4 38.0

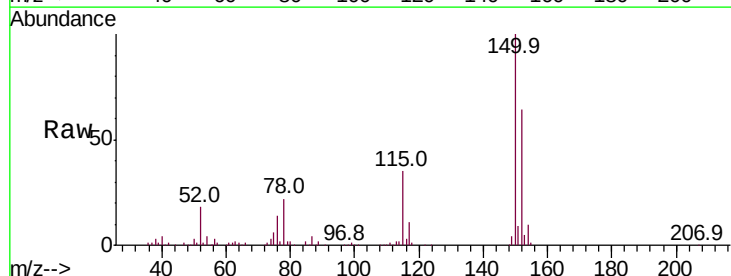


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055919.D
Acq: 31 May 2019 15:08

Tgt Ion:152 Resp: 162589
Ion Ratio Lower Upper
152 100
115 54.0 27.0 81.0
150 156.2 0.0 343.2



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

