

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054557.D
 Acq On : 22 Mar 2019 14:52
 Operator : JC/SP
 Sample : K1965-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW314I-20190314

Quant Time: Mar 23 03:42:21 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	670819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1024715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	837204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	295218	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	453261	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
35) Dibromofluoromethane	7.59	113	347177	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	10.09	98	1327663	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.40	95	397285	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

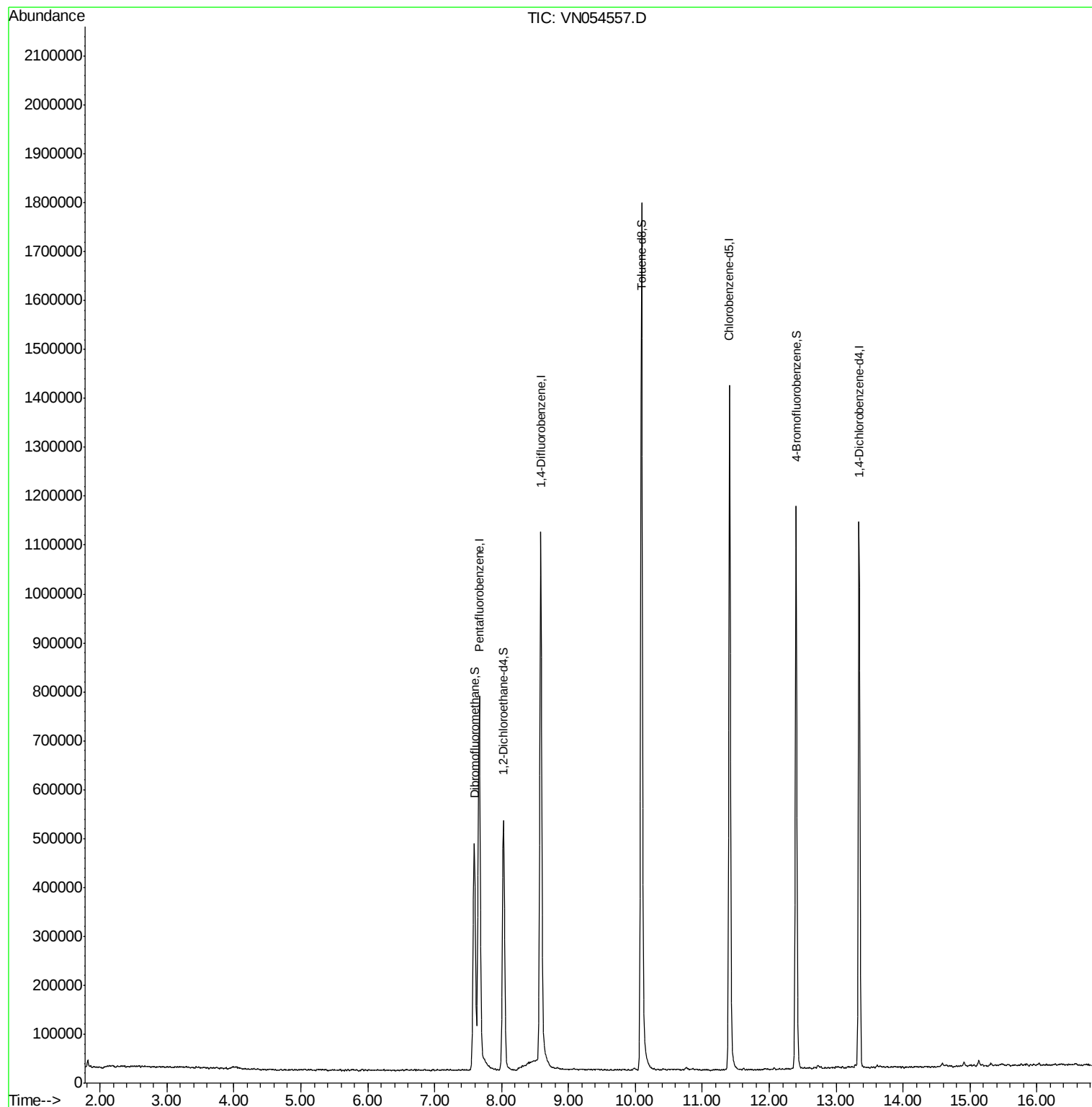
Target Compounds	Qvalue

(#) = 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: VN054557.D

Acq: 22 Mar 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

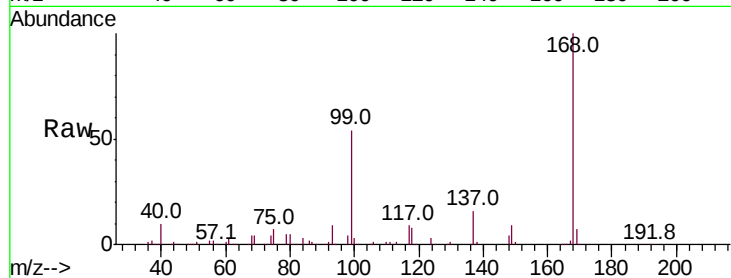
BPS1-TT-MW314I-20190314

Tot Ion:168 Resp: 670819

Ion Ratio Lower Upper

168 100

99 53.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1813) (-)

7.67

250000

200000

150000

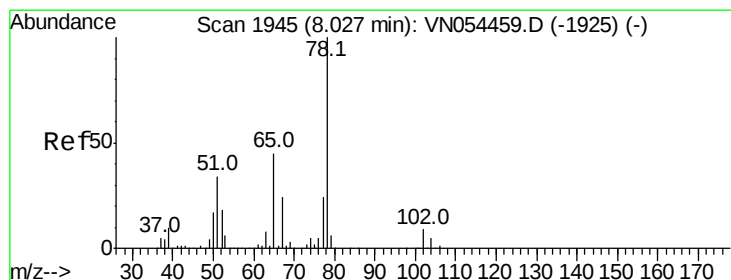
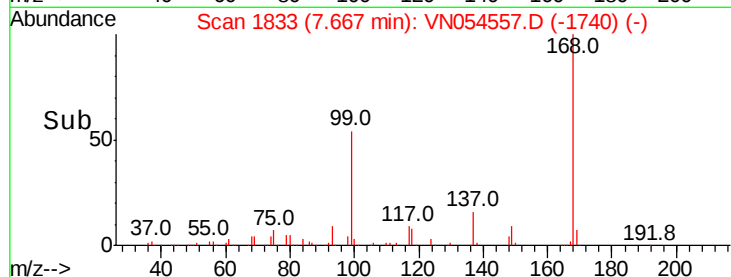
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.322 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054557.D

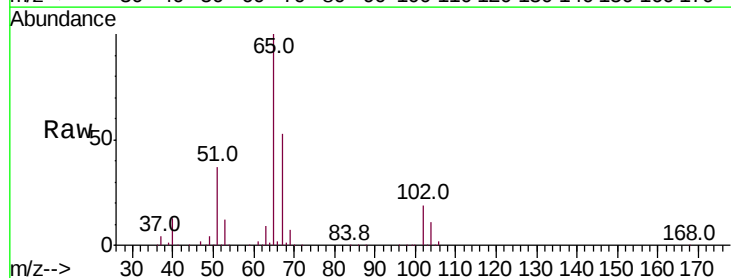
Acq: 22 Mar 2019 14:52

Tgt Ion: 65 Resp: 453261

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054459.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN054459.D (-1925) (-)

8.03

200000

150000

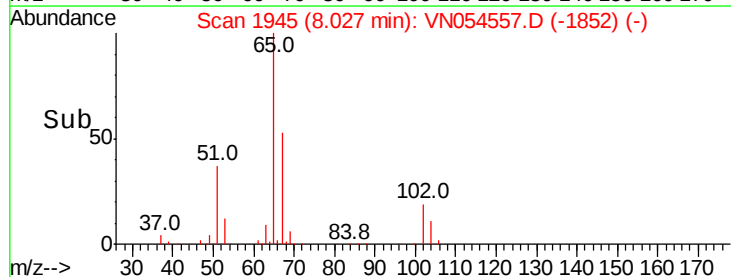
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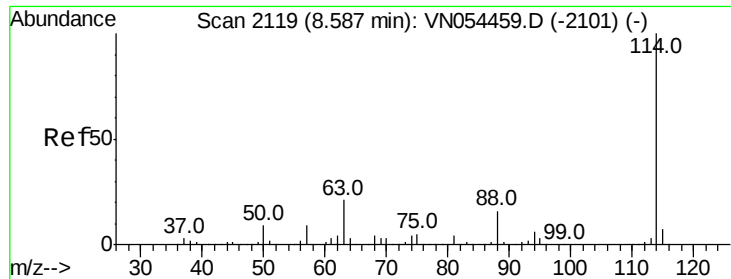
50000

0

7.90 8.00 8.10 8.20

Time-->



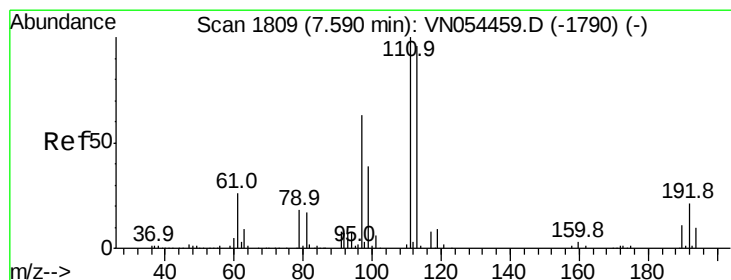
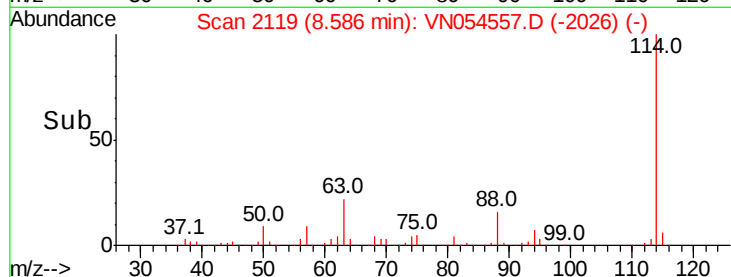
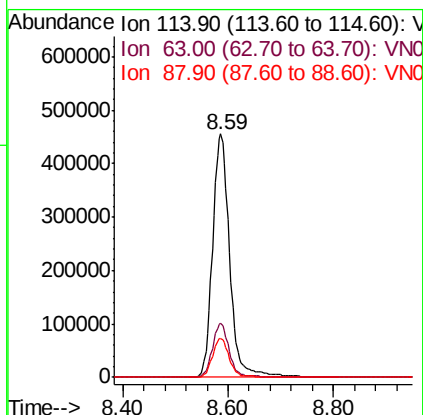
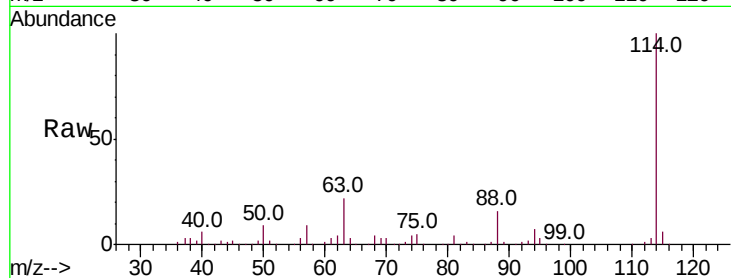


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054557.D
 Acq: 22 Mar 2019 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW314I-20190314

Tot Ion:114 Resp: 1024715

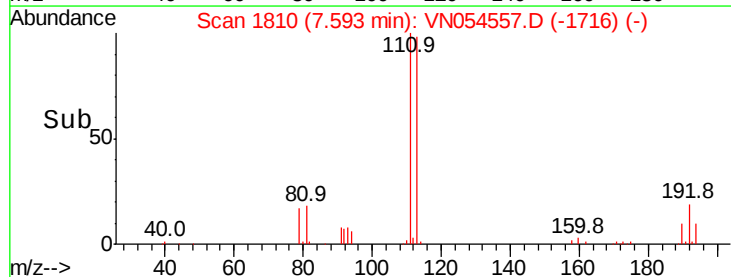
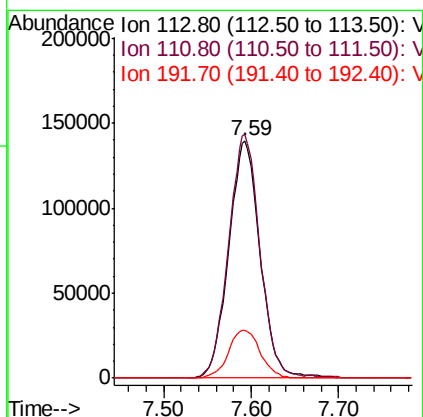
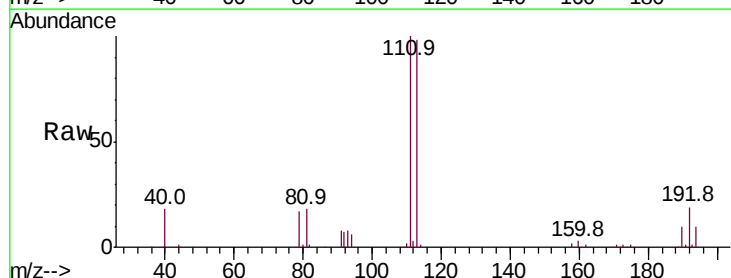
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	35.2
88	15.9	0.0	30.2

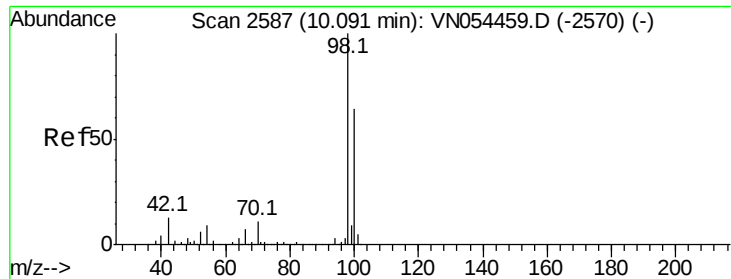


#35
 Dibromofluoromethane
 Concen: 52.589 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054557.D
 Acq: 22 Mar 2019 14:52

Tgt Ion:113 Resp: 347177

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	20.5	19.2	28.8





#50

Toluene-d8

Concen: 53.495 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054557.D

Acq: 22 Mar 2019 14:52

Instrument :

MSVOA_N

ClientSampleId :

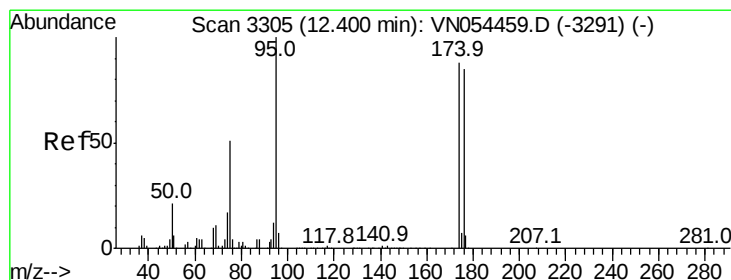
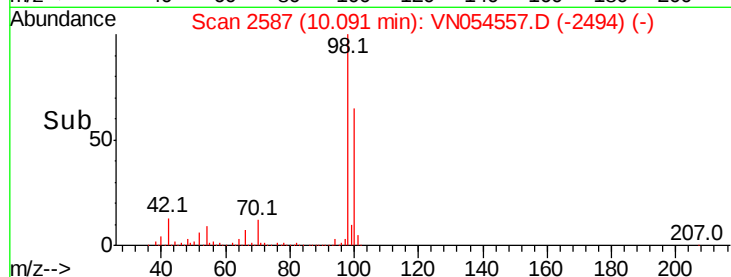
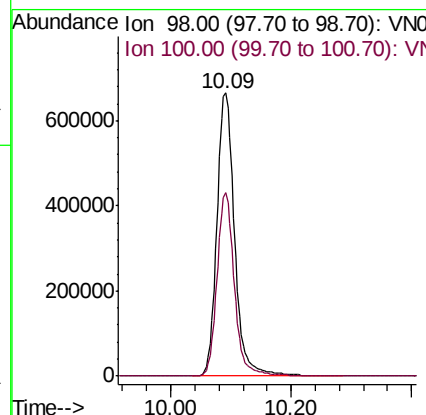
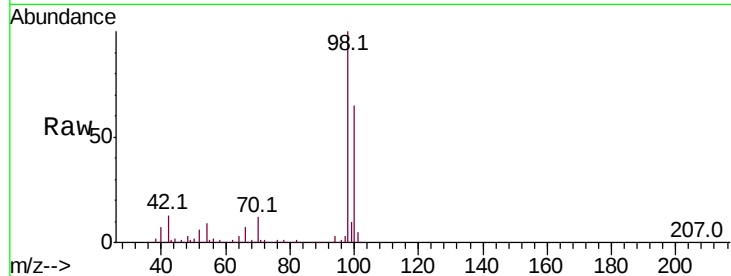
BPS1-TT-MW314I-20190314

Tot Ion: 98 Resp: 1327663

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.042 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054557.D

Acq: 22 Mar 2019 14:52

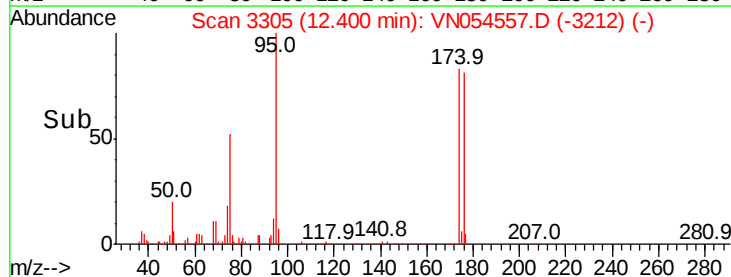
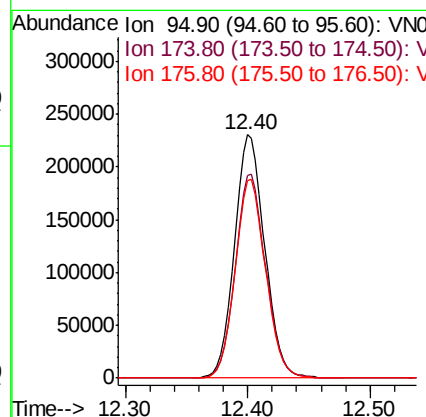
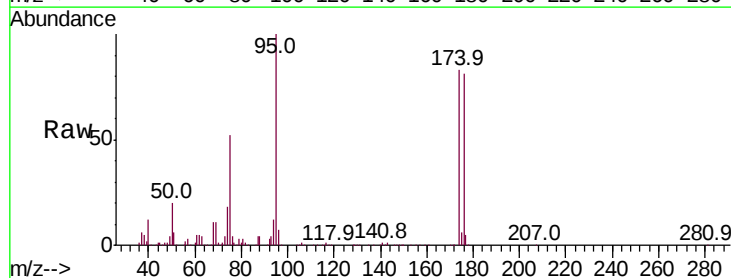
Tgt Ion: 95 Resp: 397285

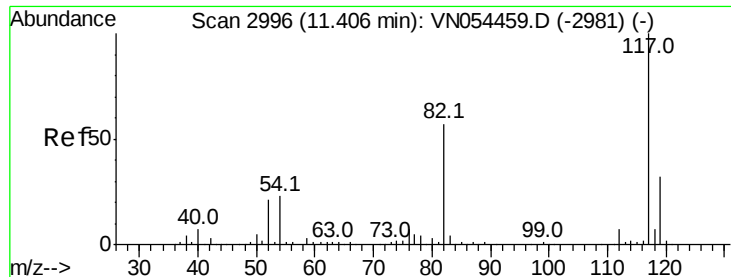
Ion Ratio Lower Upper

95 100

174 84.3 0.0 191.0

176 82.0 0.0 187.4

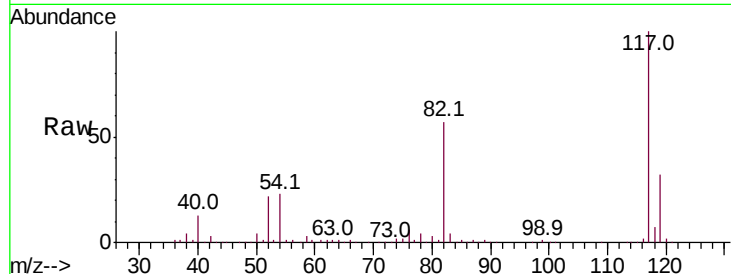




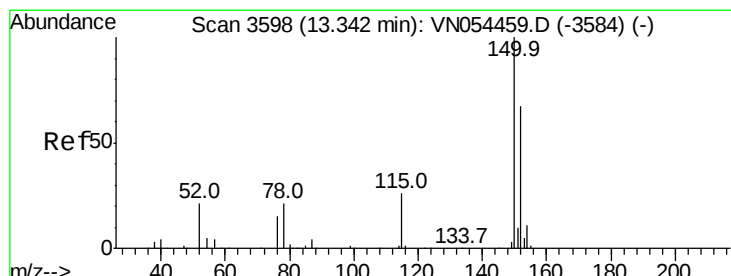
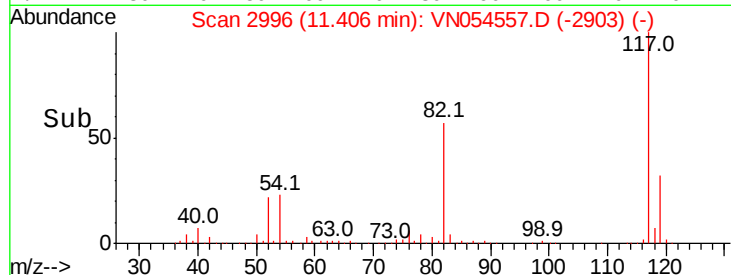
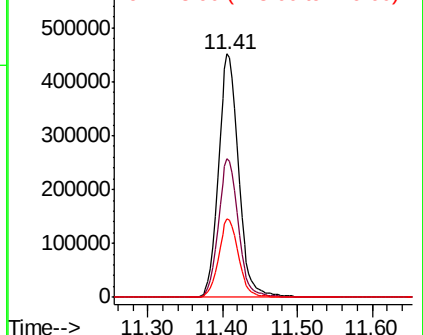
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054557.D
Acq: 22 Mar 2019 14:52

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW314I-20190314

Tot Ion:117 Resp: 837204
Ion Ratio Lower Upper
117 100
82 57.1 40.0 60.0
119 32.3 25.8 38.6

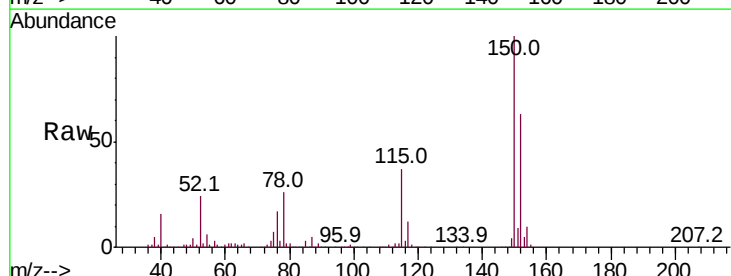


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054557.D
Acq: 22 Mar 2019 14:52

Tgt Ion:152 Resp: 295218
Ion Ratio Lower Upper
152 100
115 58.2 27.2 81.6
150 159.4 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

