

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056076.D
 Acq On : 7 Jun 2019 4:44
 Operator : JC/SP
 Sample : K3191-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CULVER-CBTC-TP1-060419

Quant Time: Jun 07 09:45:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	344906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	521899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	491262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157839	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	166090	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
35) Dibromofluoromethane	7.59	113	150537	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	
50) Toluene-d8	10.09	98	628013	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.40	95	196641	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	

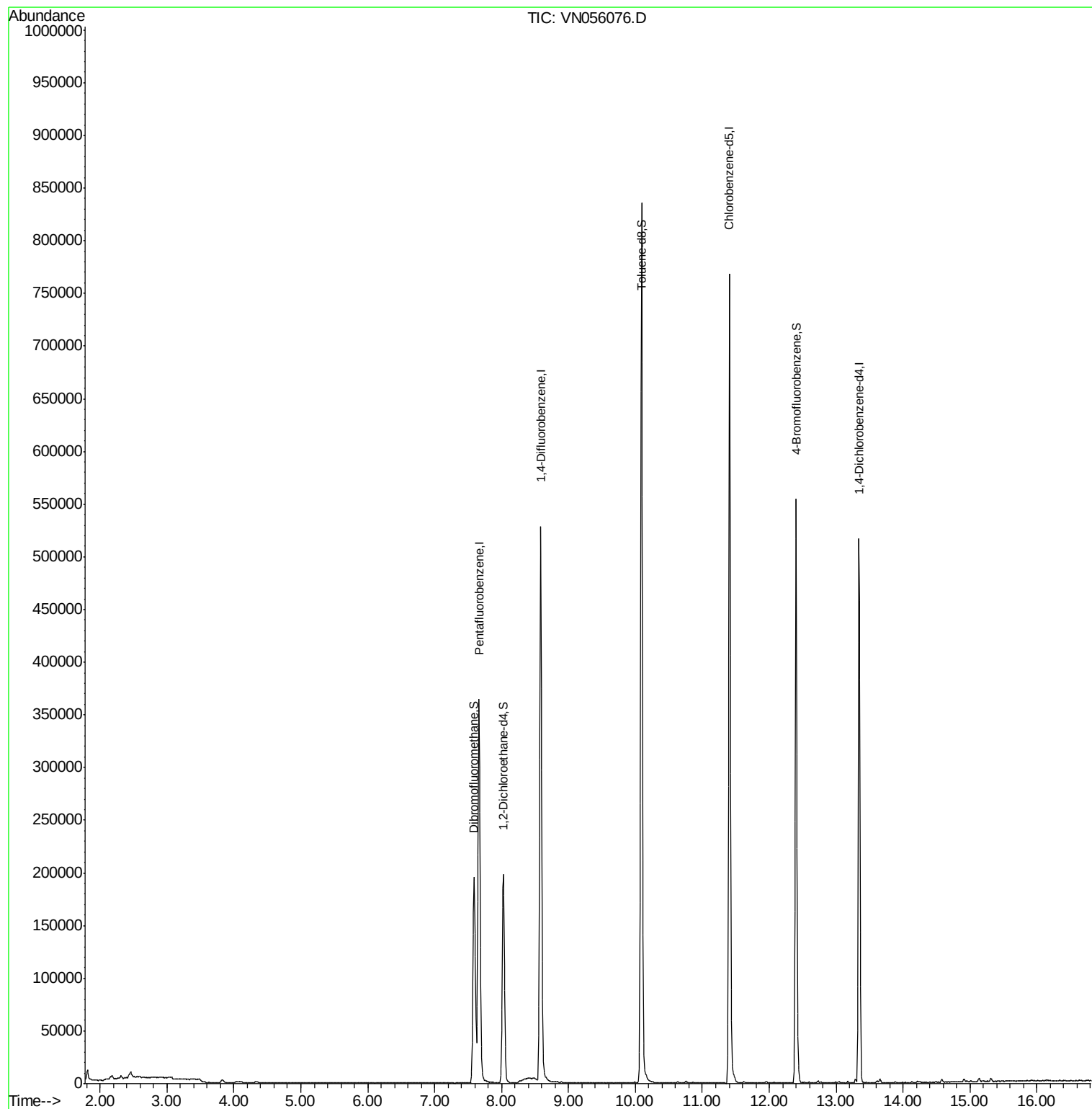
Target Compounds	Qvalue
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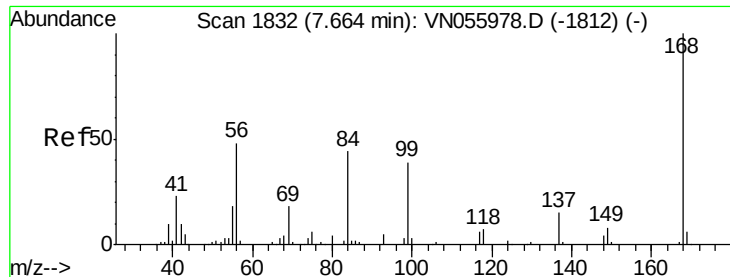
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056076.D

Acq: 7 Jun 2019 4:44

Instrument :

MSVOA_N

ClientSampleId :

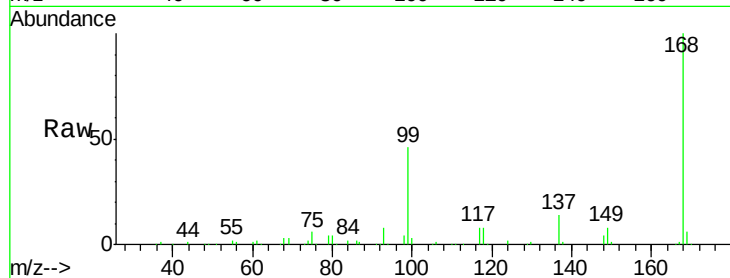
CULVER-CBTC-TP1-060419

Tot Ion:168 Resp: 344906

Ion Ratio Lower Upper

168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

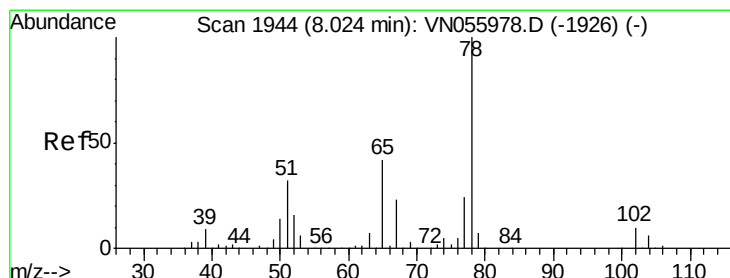
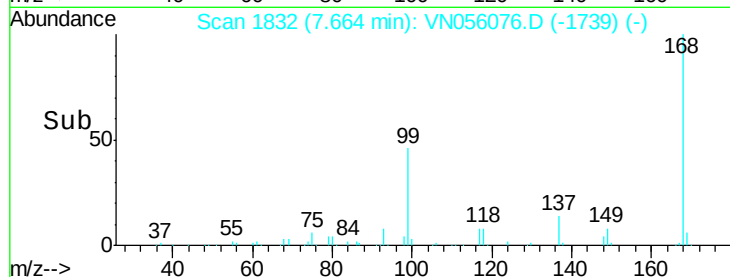
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 48.499 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056076.D

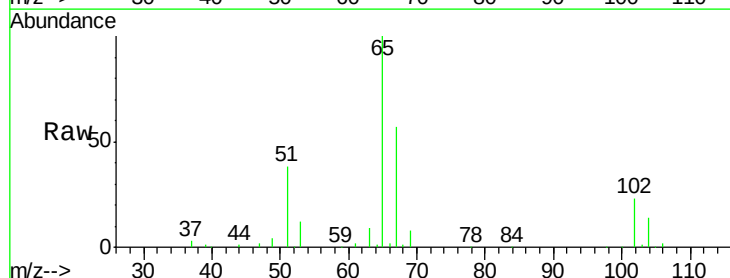
Acq: 7 Jun 2019 4:44

Tgt Ion: 65 Resp: 166090

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

80000

60000

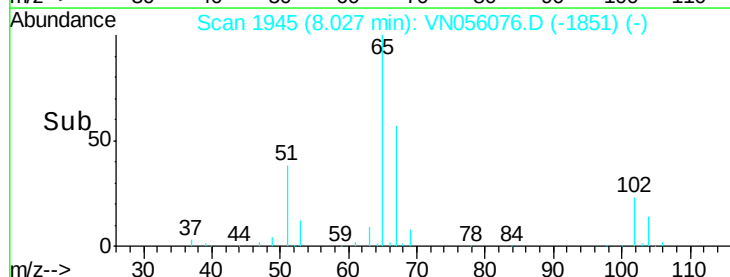
40000

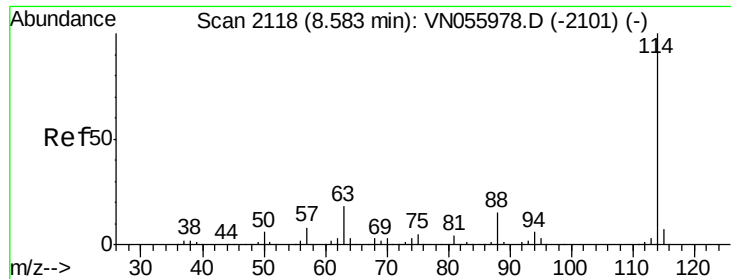
20000

0

Time-->

8.00 8.10

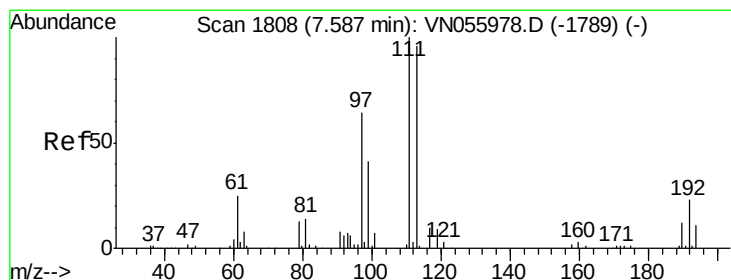
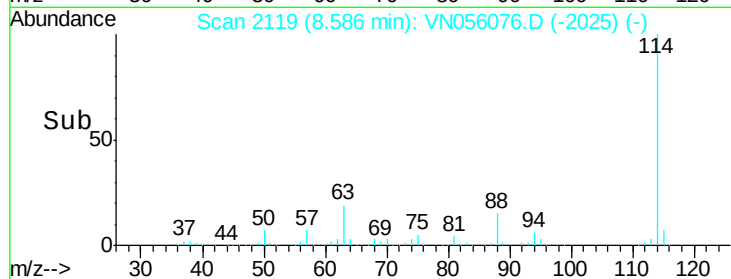
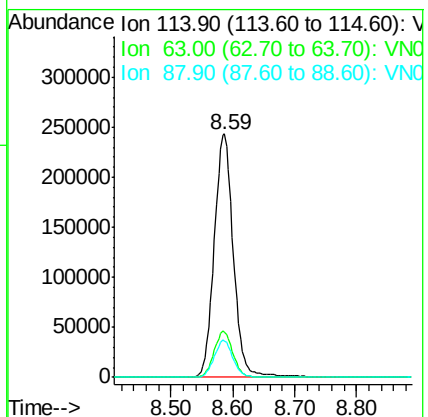
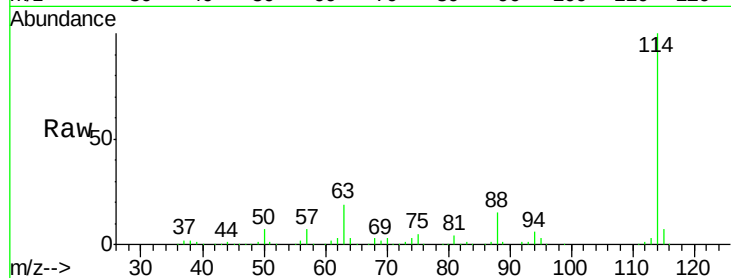




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056076.D
Acq: 7 Jun 2019 4:44

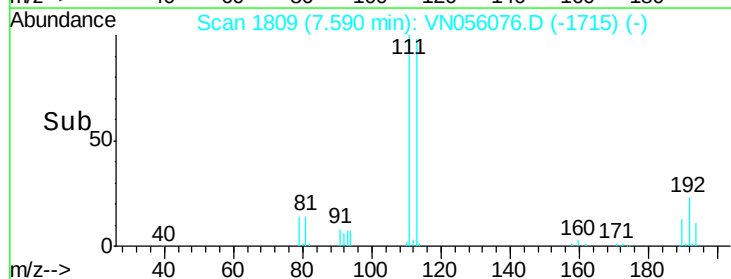
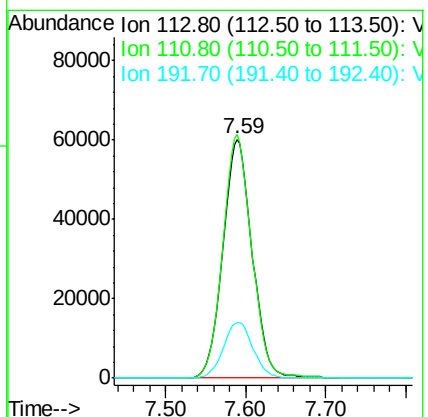
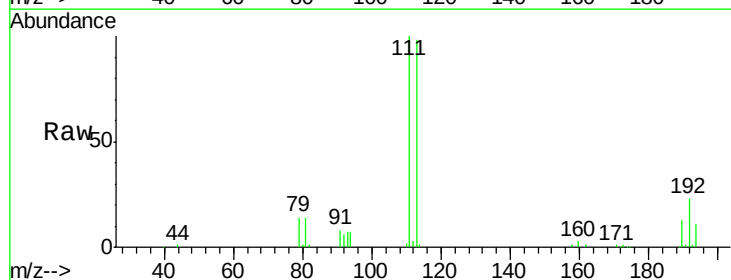
Instrument :
MSVOA_N
ClientSampleId :
CULVER-CBTC-TP1-060419

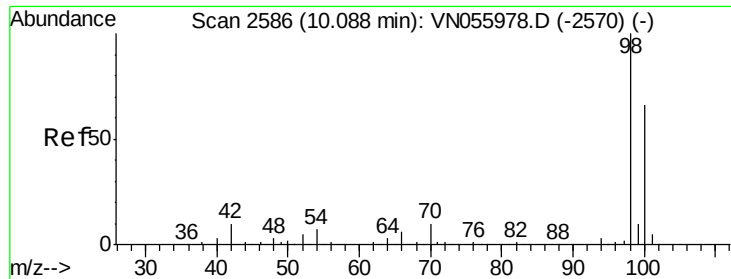
Tot Ion:114 Resp: 521899
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.2
88 15.1 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.013 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056076.D
Acq: 7 Jun 2019 4:44

Tgt Ion:113 Resp: 150537
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 23.6 19.5 29.3





#50

Toluene-d8

Concen: 50.969 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056076.D

Acq: 7 Jun 2019 4:44

Instrument :

MSVOA_N

ClientSampleId :

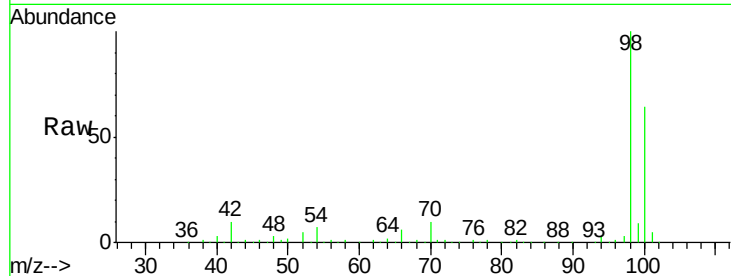
CULVER-CBTC-TP1-060419

Tot Ion: 98 Resp: 628013

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

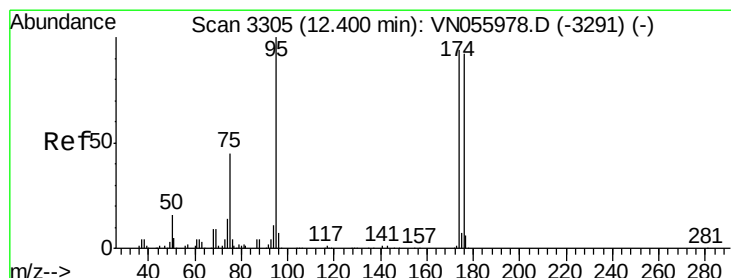
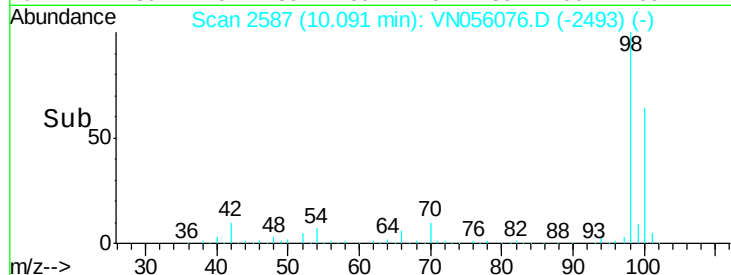
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.929 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056076.D

Acq: 7 Jun 2019 4:44

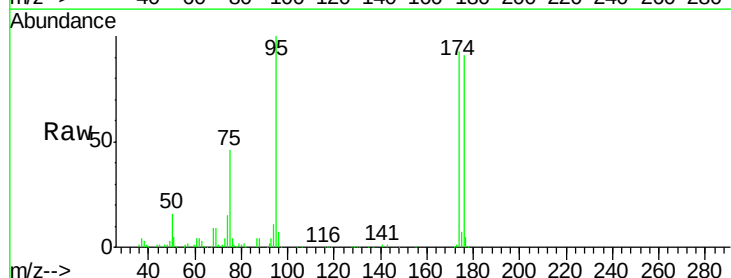
Tgt Ion: 95 Resp: 196641

Ion Ratio Lower Upper

95 100

174 94.5 0.0 191.0

176 92.7 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40

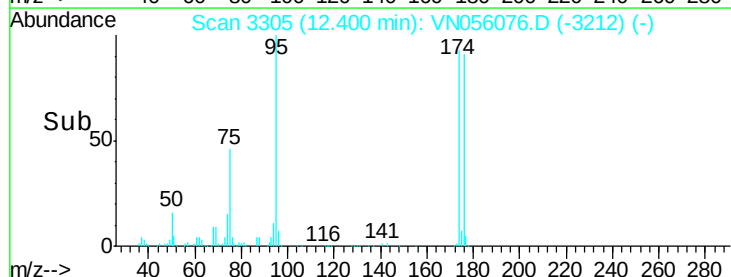
150000

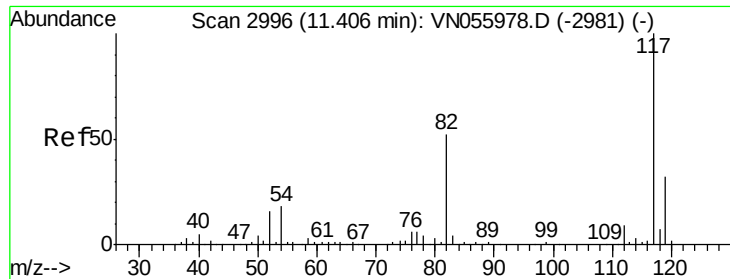
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056076.D

Acq: 7 Jun 2019 4:44

Instrument :

MSVOA_N

ClientSampleId :

CULVER-CBTC-TP1-060419

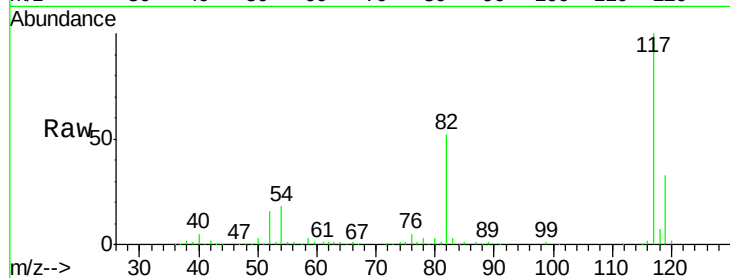
Tot Ion:117 Resp: 491262

Ion Ratio Lower Upper

117 100

82 51.7 41.8 62.8

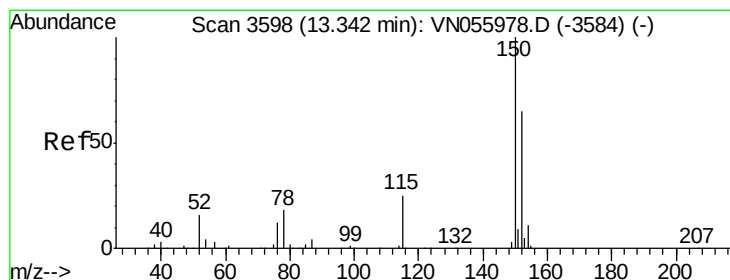
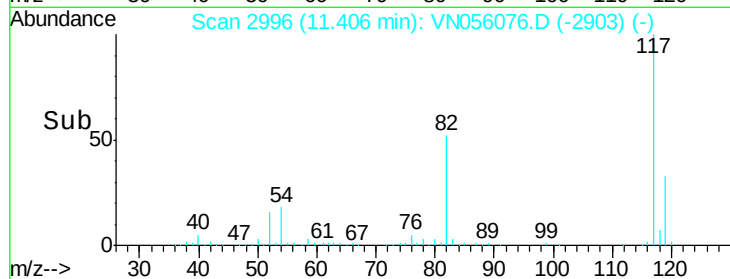
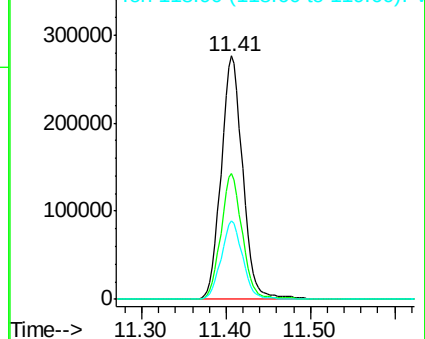
119 32.5 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN056076.D

Acq: 7 Jun 2019 4:44

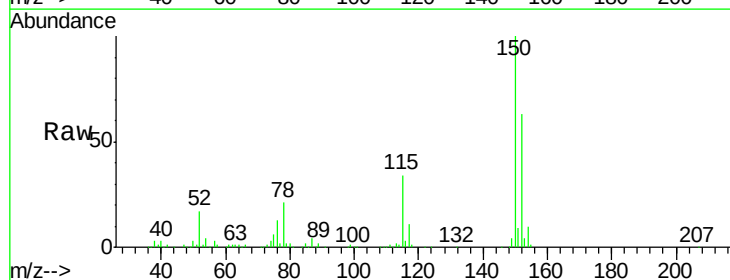
Tgt Ion:152 Resp: 157839

Ion Ratio Lower Upper

152 100

115 53.6 27.0 81.0

150 157.8 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

