

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058417.D
 Acq On : 27 Sep 2019 18:41
 Operator : JC/SP
 Sample : K5054-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAT-091019-C

Quant Time: Sep 30 08:43:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	470412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	754254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	637254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267818	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	322027	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	7.58	113	226736	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	10.08	98	922050	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.41	95	306729	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

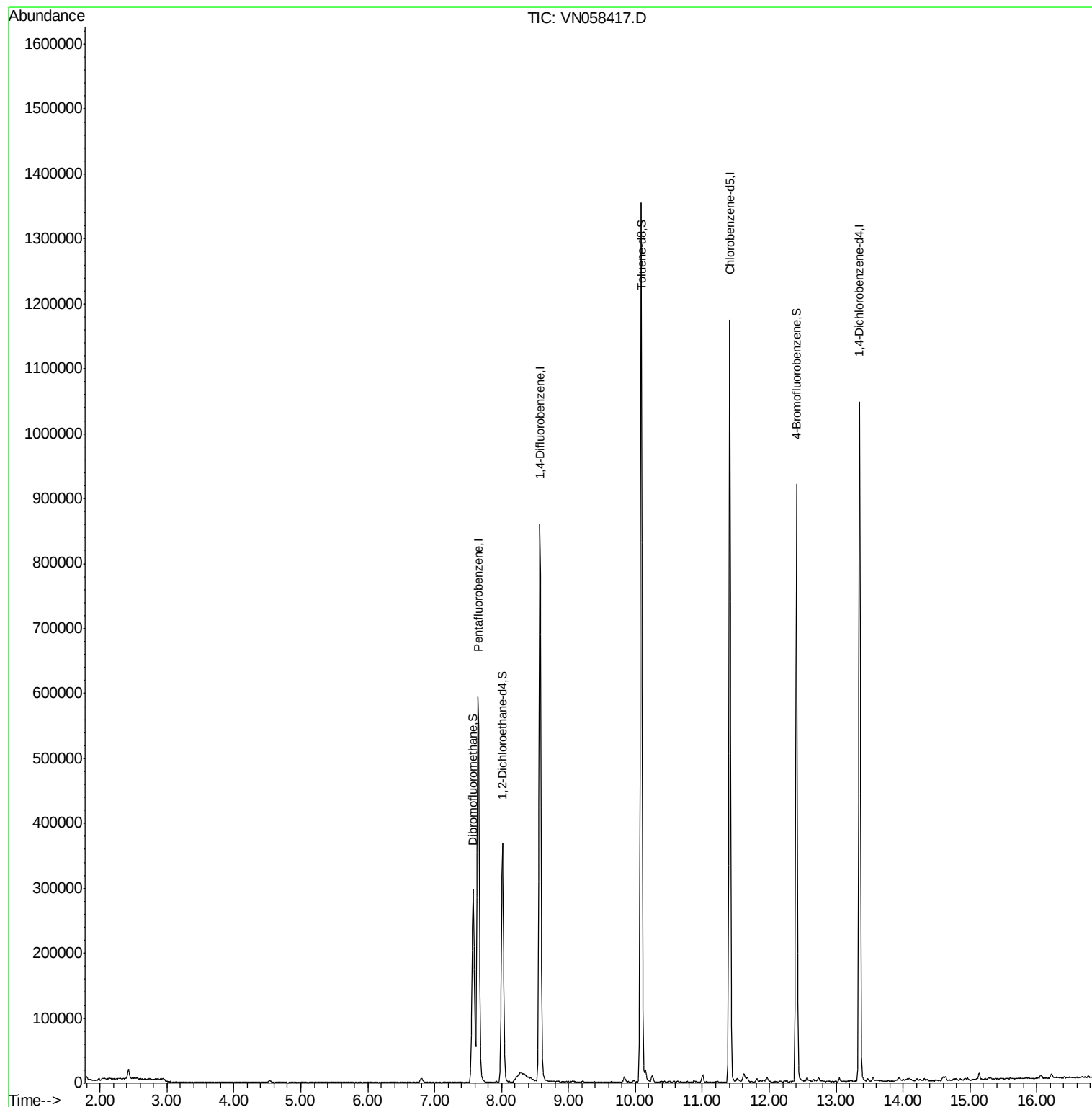
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058417.D

Acq: 27 Sep 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

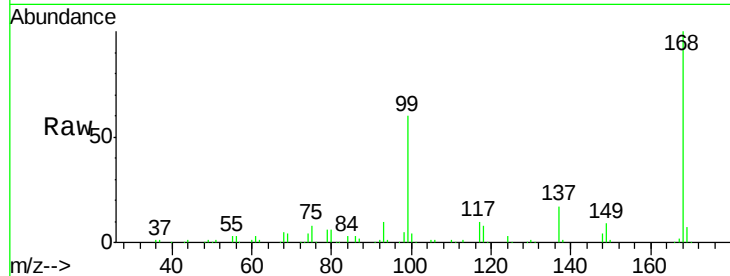
PAT-091019-C

Tot Ion:168 Resp: 470412

Ion Ratio Lower Upper

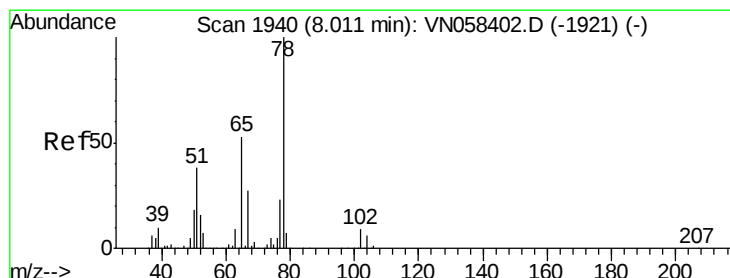
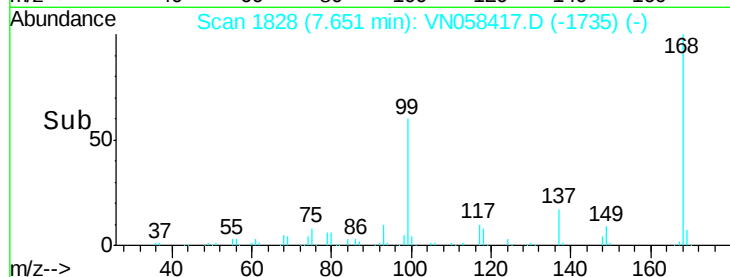
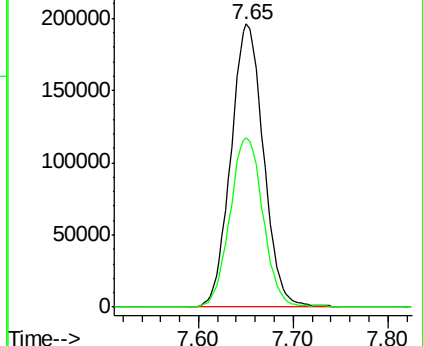
168 100

99 59.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 46.845 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058417.D

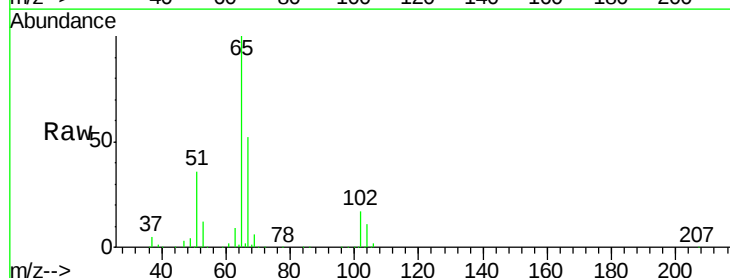
Acq: 27 Sep 2019 18:41

Tgt Ion: 65 Resp: 322027

Ion Ratio Lower Upper

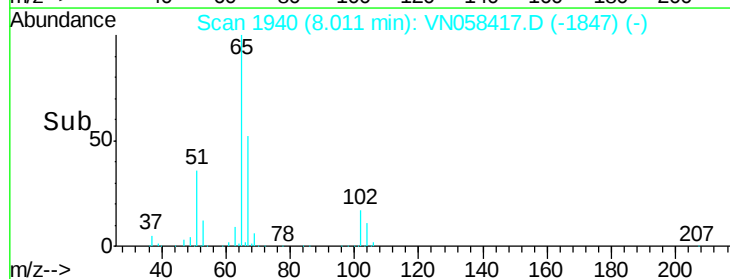
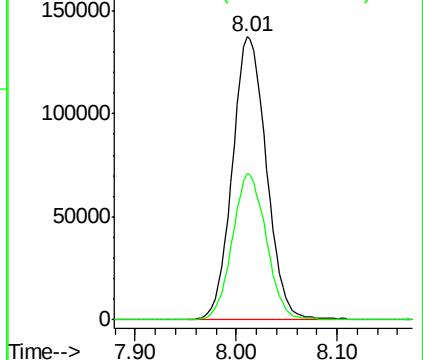
65 100

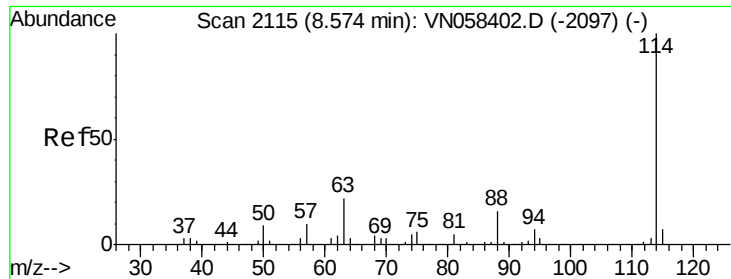
67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

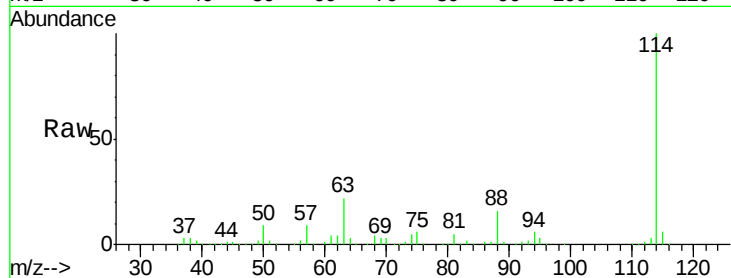




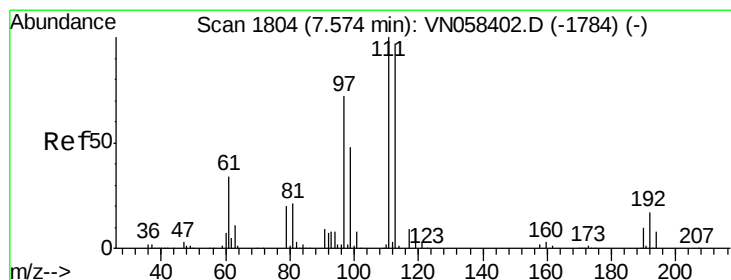
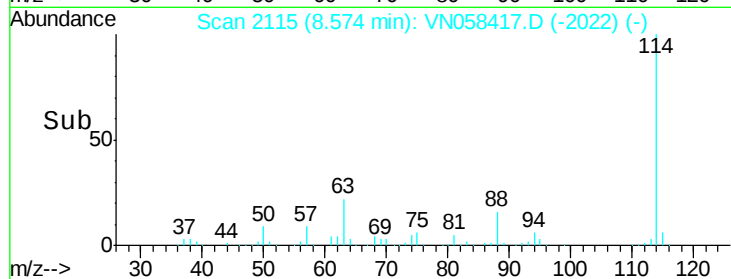
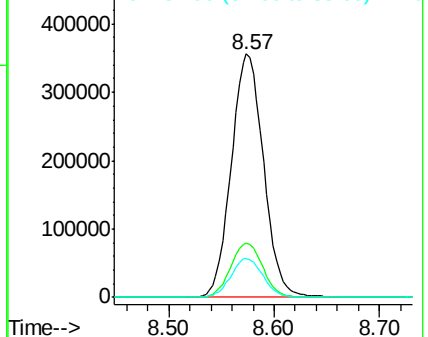
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058417.D
Acq: 27 Sep 2019 18:41

Instrument :
MSVOA_N
ClientSampleId :
PAT-091019-C

Tot Ion:114 Resp: 754254
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 16.2 0.0 32.2

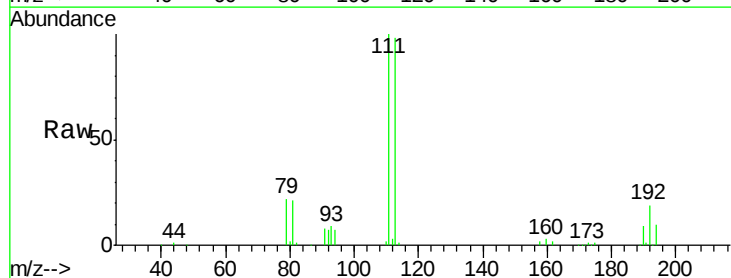


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

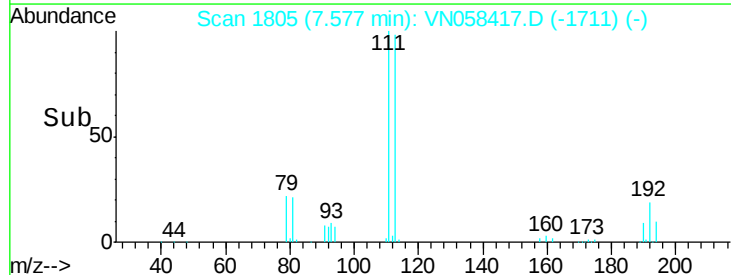
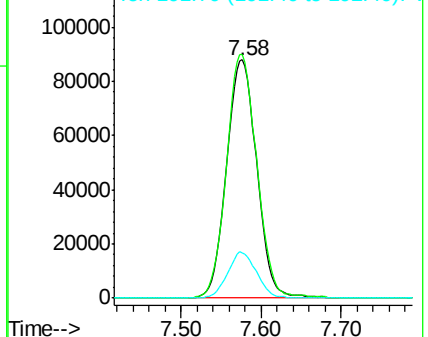


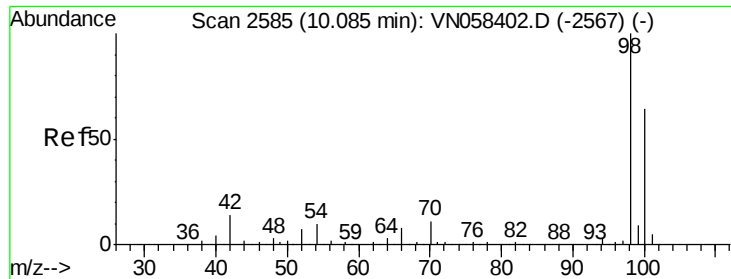
#35
Dibromofluoromethane
Concen: 49.048 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058417.D
Acq: 27 Sep 2019 18:41

Tgt Ion:113 Resp: 226736
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.2
192 18.6 14.9 22.3



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: 50.916 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058417.D

Acq: 27 Sep 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

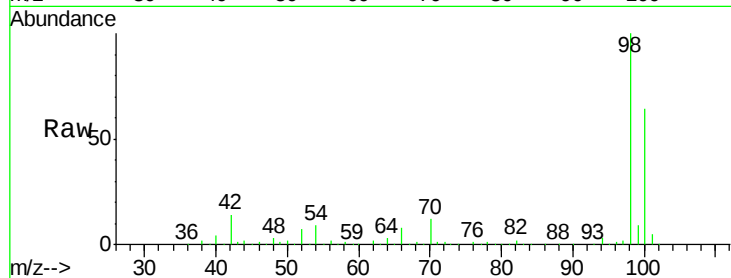
PAT-091019-C

Tot Ion: 98 Resp: 922050

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058417.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058417.D (-2492) (-)

10.08

600000

500000

400000

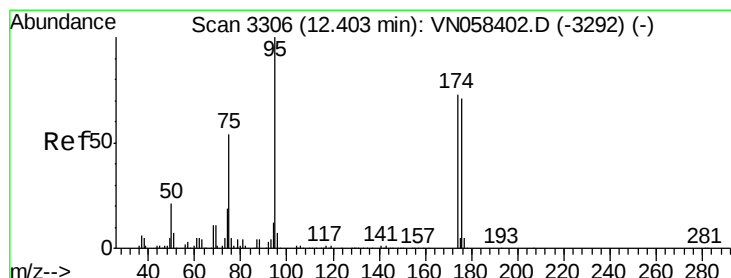
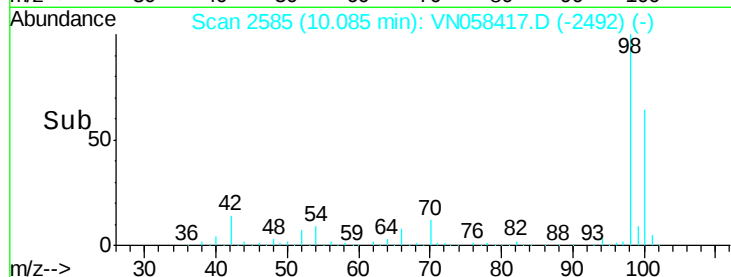
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.843 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058417.D

Acq: 27 Sep 2019 18:41

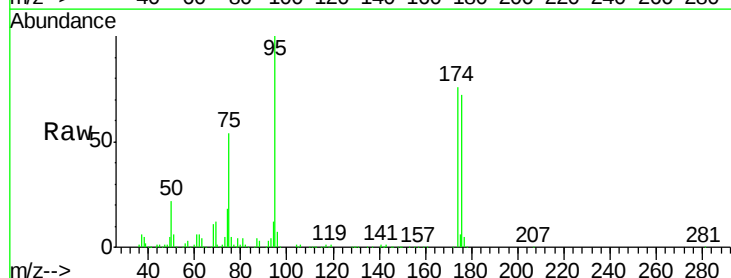
Tgt Ion: 95 Resp: 306729

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.6

176 73.0 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058417.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058417.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058417.D (-3213) (-)

12.41

250000

200000

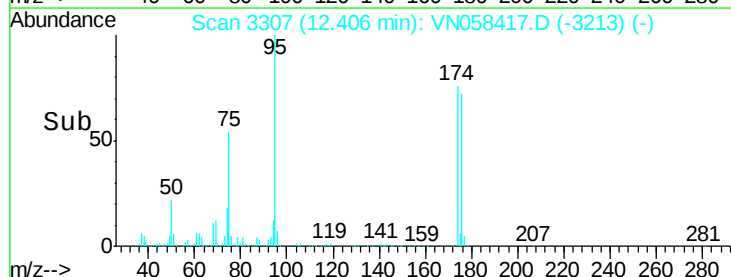
150000

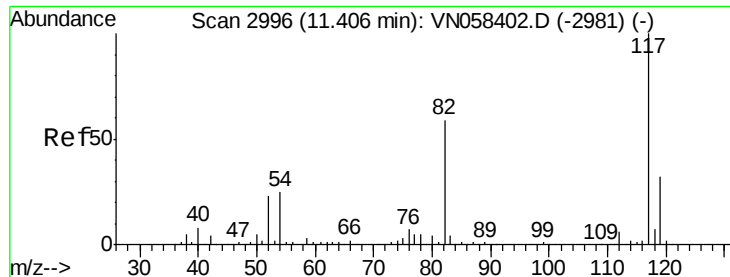
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058417.D

Acq: 27 Sep 2019 18:41

Instrument :

MSVOA_N

ClientSampleId :

PAT-091019-C

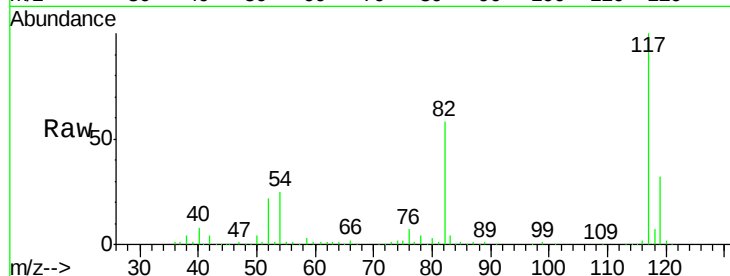
Tot Ion:117 Resp: 637254

Ion Ratio Lower Upper

117 100

82 57.6 47.4 71.0

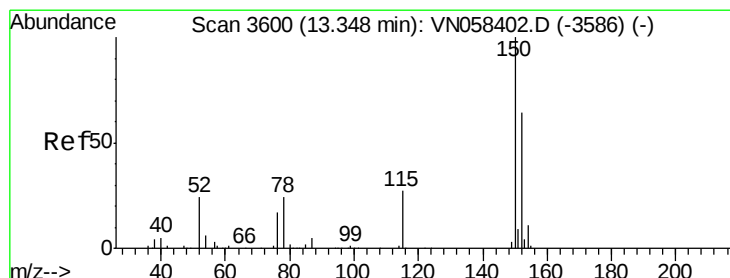
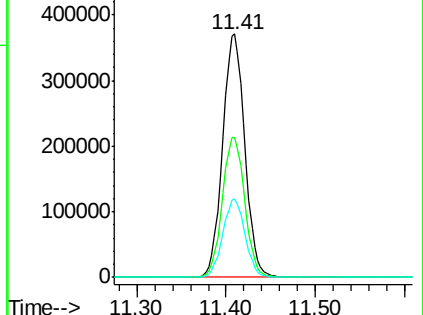
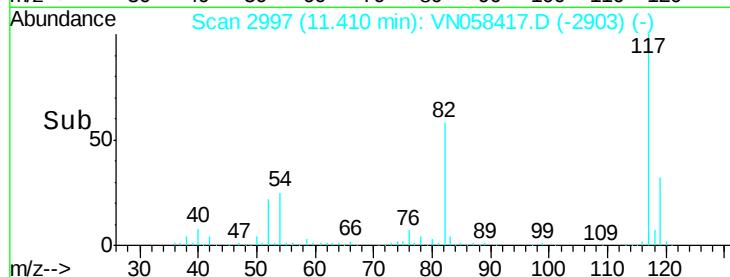
119 32.3 25.5 38.3



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: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058417.D

Acq: 27 Sep 2019 18:41

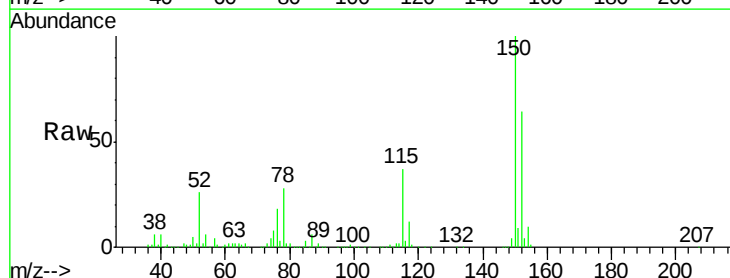
Tgt Ion:152 Resp: 267818

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 156.4 0.0 348.2



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

