

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054307.D
 Acq On : 15 Mar 2019 14:08
 Operator : JC/SP
 Sample : K1938-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Mar 16 03:36:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1443726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2393883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2437168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	943632	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	746583	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	7.59	113	731340	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	10.09	98	2928666	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.40	95	1076730	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	

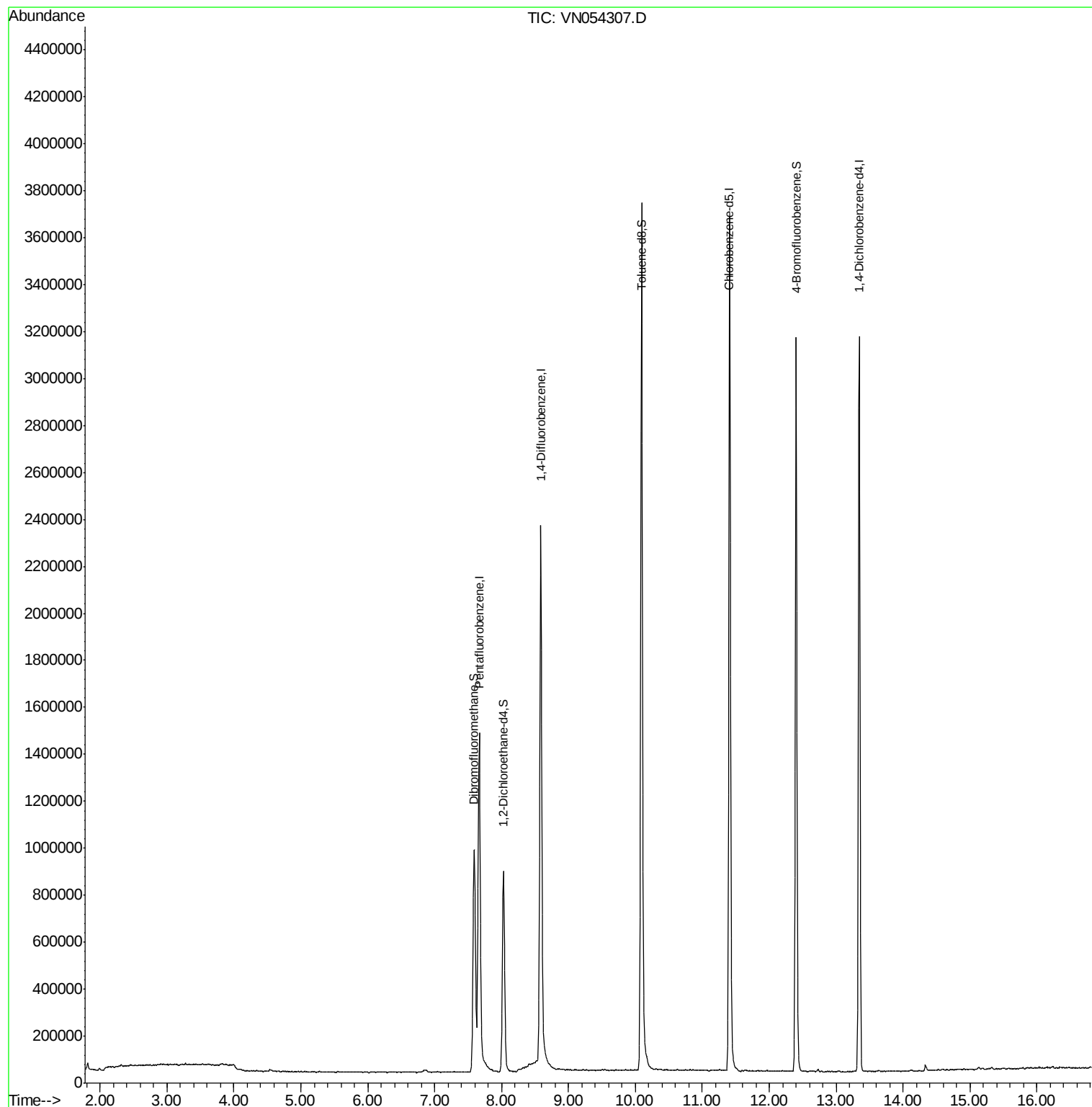
Target Compounds	Qvalue

(#) = 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: VN054307.D

Acq: 15 Mar 2019 14:08

Instrument :

MSVOA_N

ClientSampled :

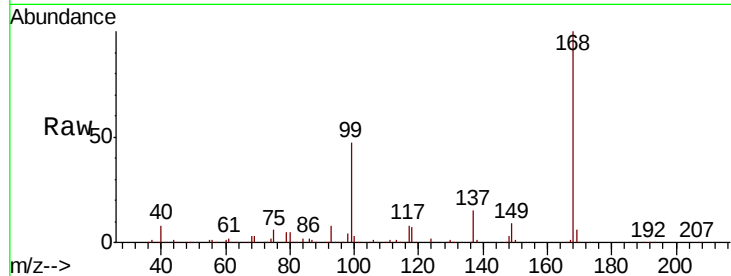
TB

Tgt Ion:168 Resp: 1443726

Ion Ratio Lower Upper

168 100

99 46.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

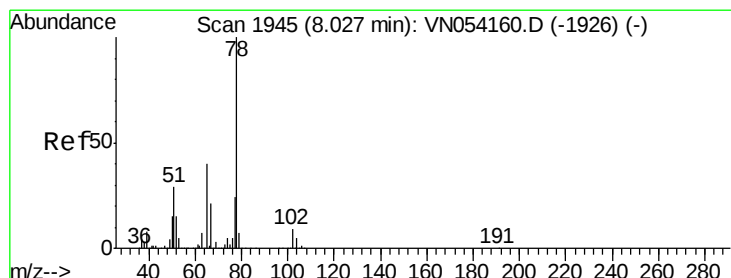
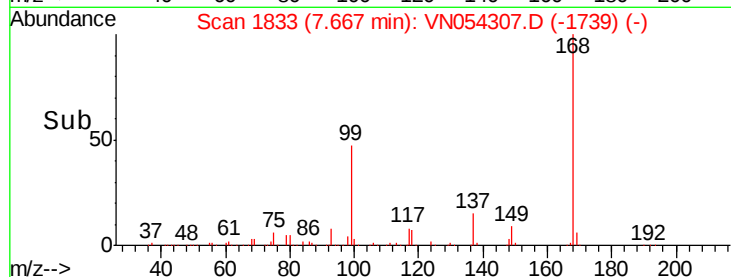
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 48.693 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054307.D

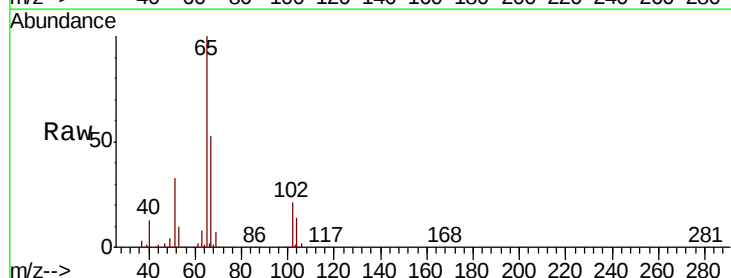
Acq: 15 Mar 2019 14:08

Tgt Ion: 65 Resp: 746583

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

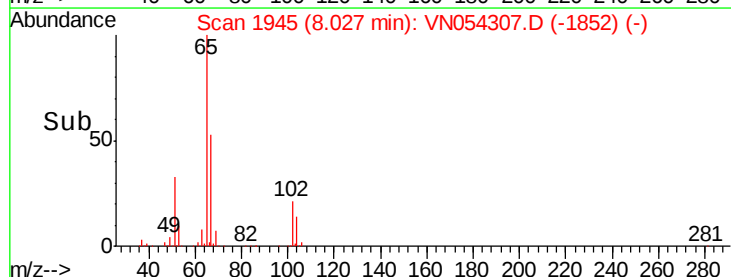
300000

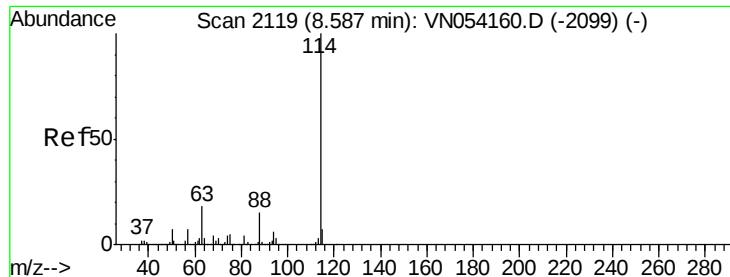
200000

100000

0

Time--> 7.90 8.00 8.10 8.20

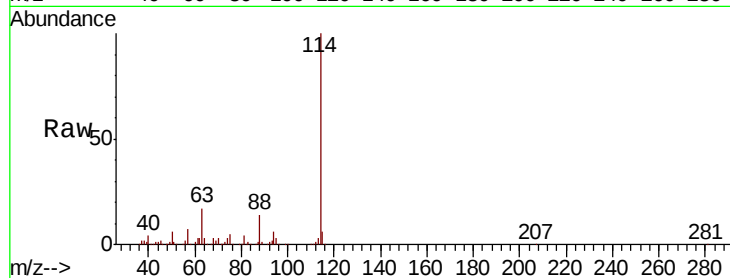




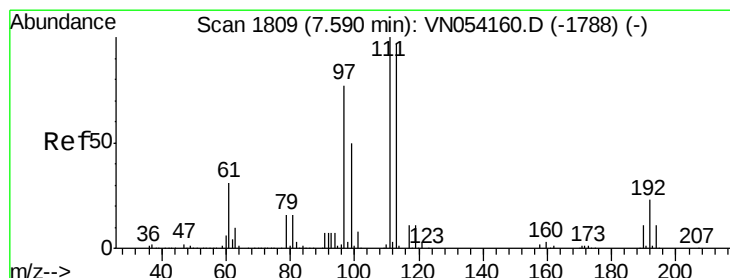
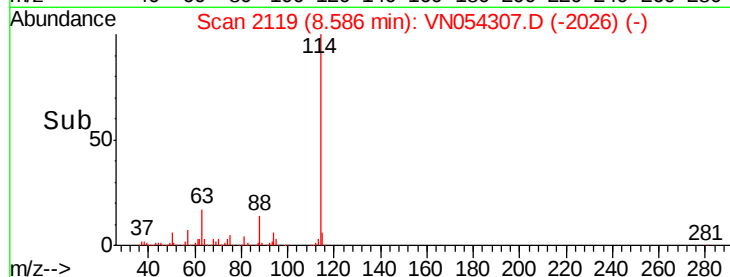
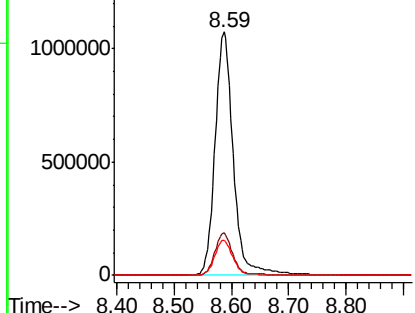
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054307.D
Acq: 15 Mar 2019 14:08

Instrument :
MSVOA_N
ClientSampled :
TB

Tgt Ion:114 Resp: 2393883
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.2
88 14.5 0.0 30.2

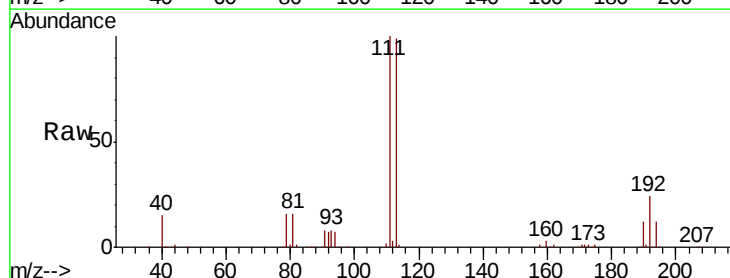


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

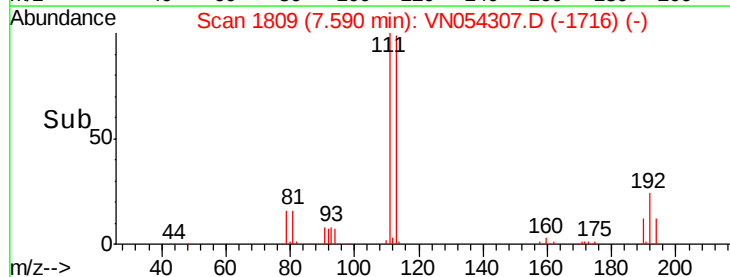
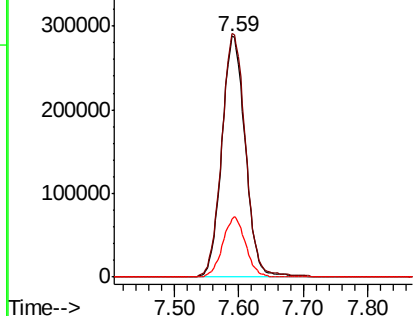


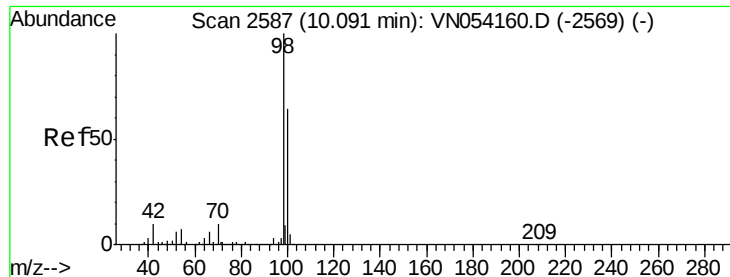
#35
Dibromofluoromethane
Concen: 47.368 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054307.D
Acq: 15 Mar 2019 14:08

Tgt Ion:113 Resp: 731340
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 24.3 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: 51.362 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054307.D

Acq: 15 Mar 2019 14:08

Instrument :

MSVOA_N

ClientSampleId :

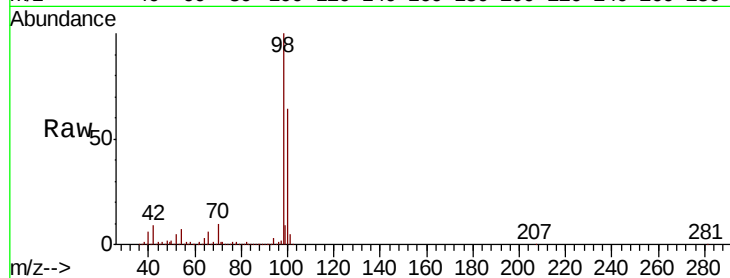
TB

Tgt Ion: 98 Resp: 2928666

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054160.D (-2569) (-)

10.09

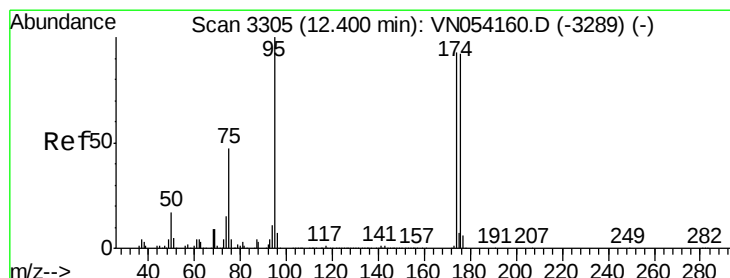
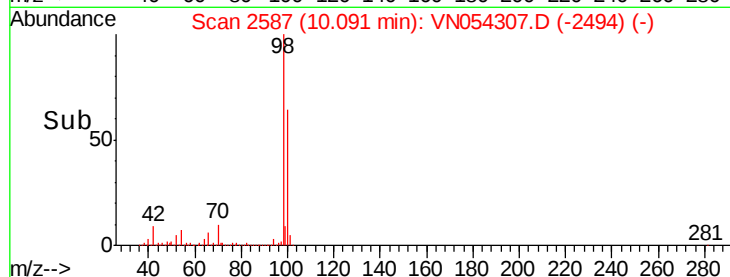
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.967 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054307.D

Acq: 15 Mar 2019 14:08

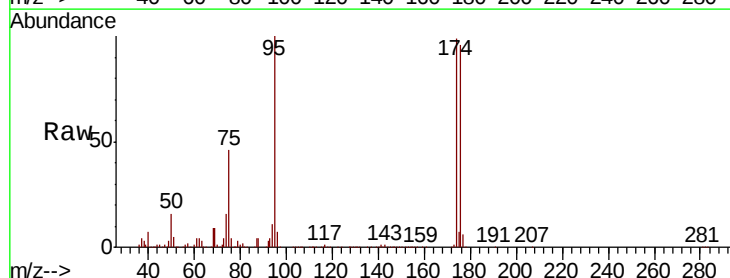
Tgt Ion: 95 Resp: 1076730

Ion Ratio Lower Upper

95 100

174 98.6 0.0 191.0

176 95.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)

12.40

800000

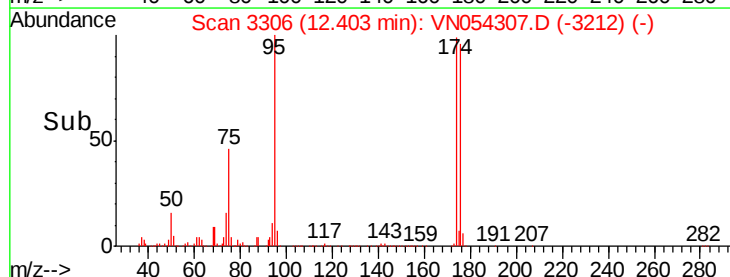
600000

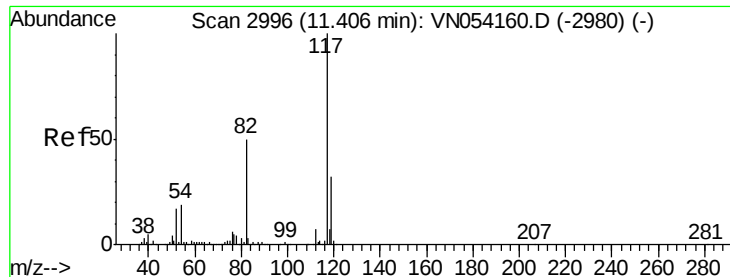
400000

200000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054307.D

Acq: 15 Mar 2019 14:08

Instrument :

MSVOA_N

ClientSampleId :

TB

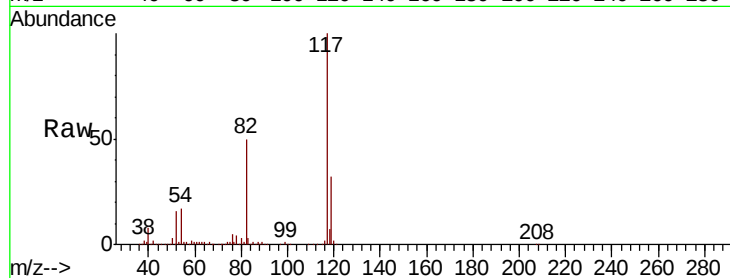
Tgt Ion:117 Resp: 2437168

Ion Ratio Lower Upper

117 100

82 49.6 40.0 60.0

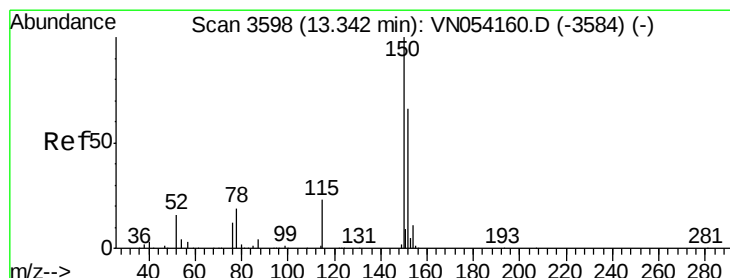
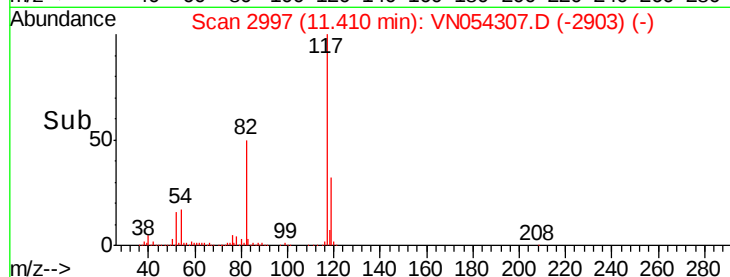
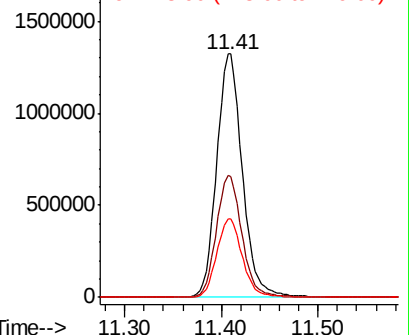
119 32.2 25.8 38.6



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054307.D

Acq: 15 Mar 2019 14:08

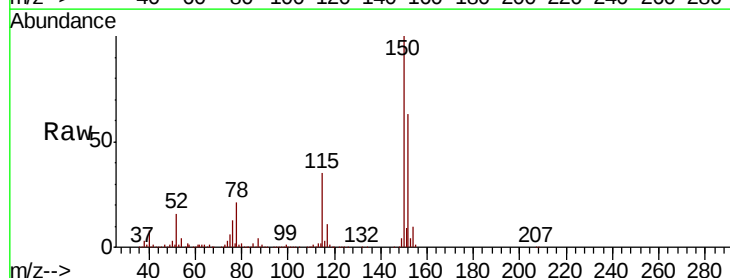
Tgt Ion:152 Resp: 943632

Ion Ratio Lower Upper

152 100

115 54.6 27.2 81.6

150 158.0 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

