

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056274.D
 Acq On : 13 Jun 2019 12:21
 Operator : JC/SP
 Sample : VN0613WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBL01

Quant Time: Jun 14 01:23:41 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	342991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	563329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	562422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165424	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	193370	56.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.56%	
35) Dibromofluoromethane	7.59	113	176493	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.09	98	704116	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.40	95	225585	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

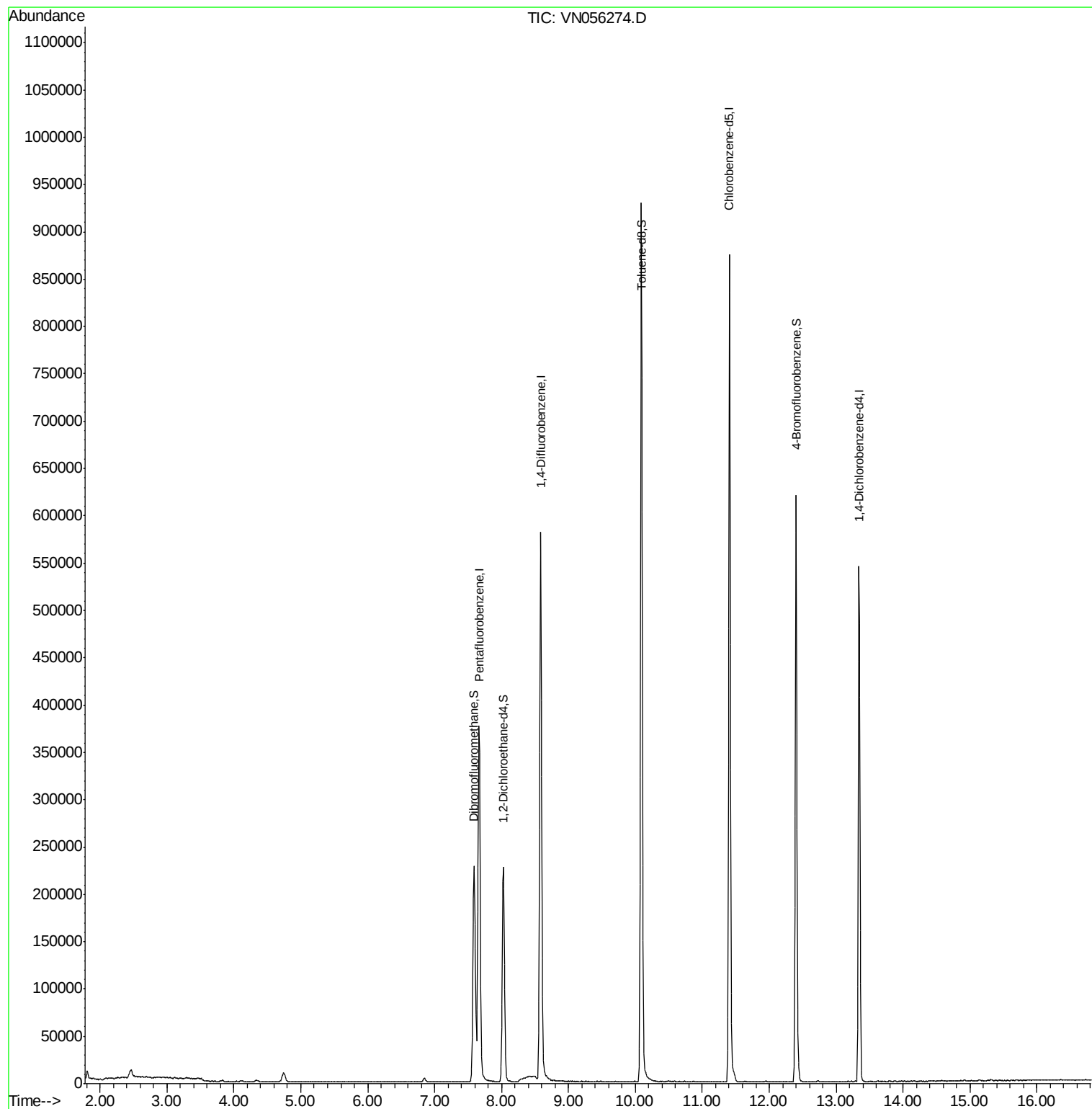
Target Compounds	Qvalue

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

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QLast Update : Tue Jun 04 11:02:09 2019
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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: VN056274.D

Acq: 13 Jun 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

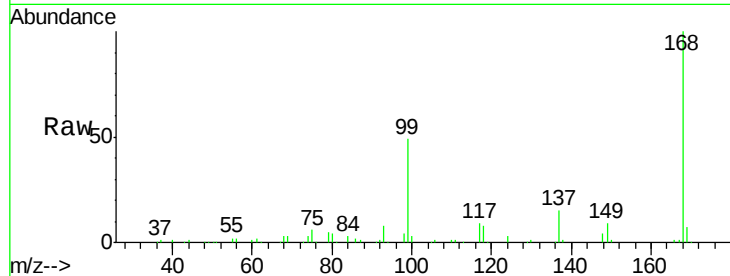
VN0613WBL01

Tot Ion:168 Resp: 342991

Ion Ratio Lower Upper

168 100

99 49.4 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

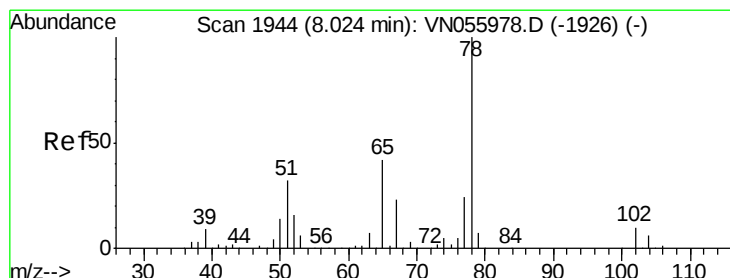
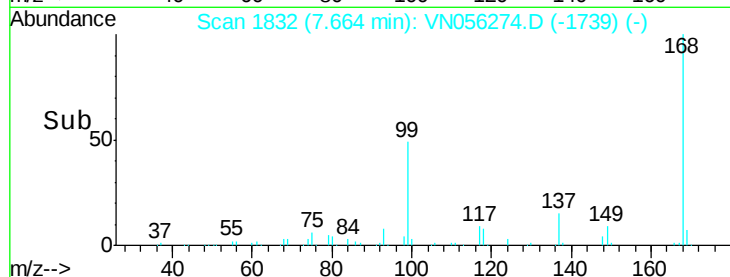
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 56.780 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056274.D

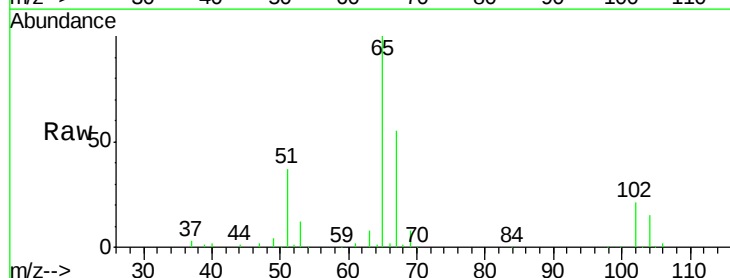
Acq: 13 Jun 2019 12:21

Tgt Ion: 65 Resp: 193370

Ion Ratio Lower Upper

65 100

67 54.7 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

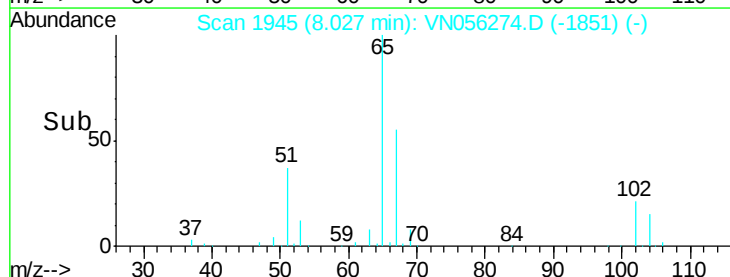
40000

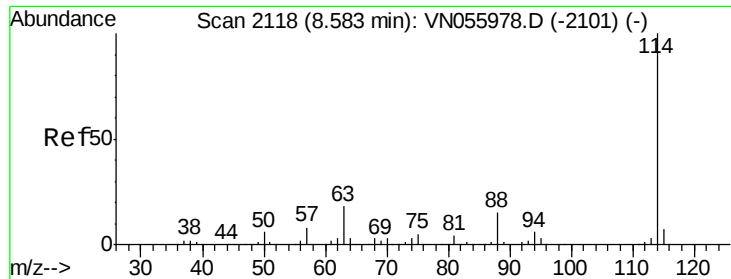
20000

0

Time-->

7.90 8.00 8.10

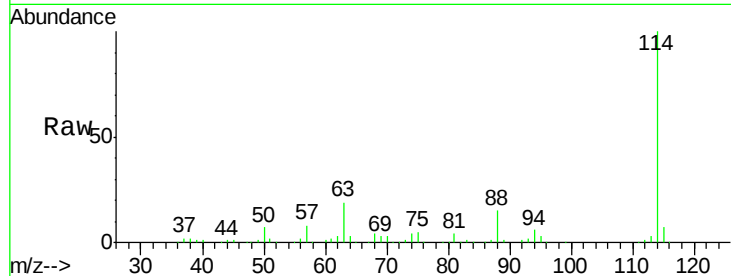




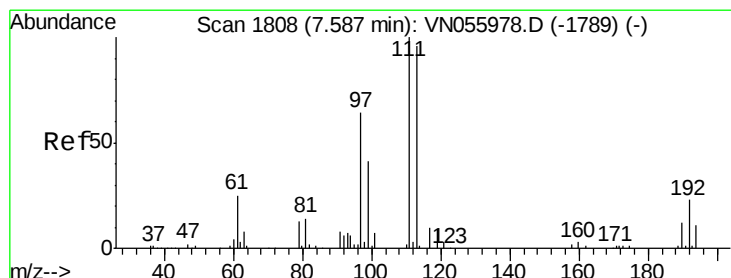
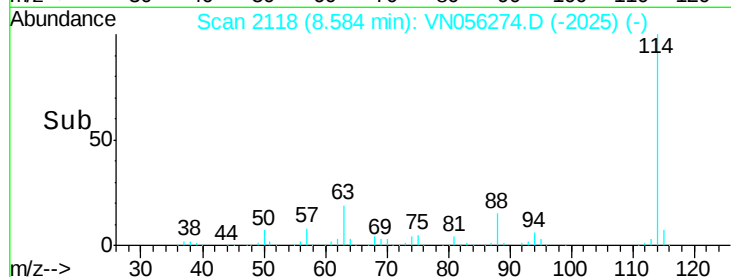
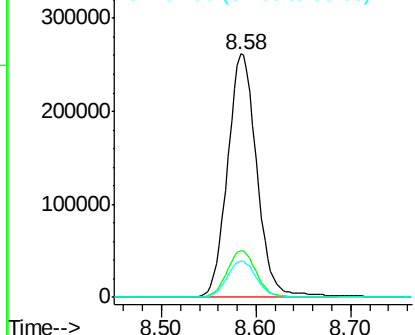
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056274.D
Acq: 13 Jun 2019 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBL01

Tot Ion:114 Resp: 563329
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.2
88 15.0 0.0 31.0

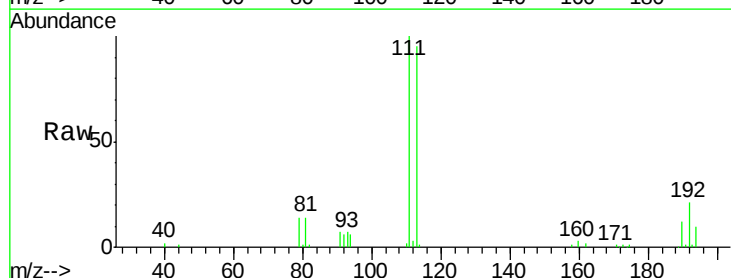


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

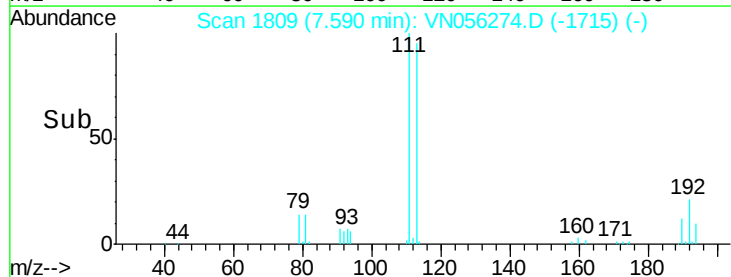
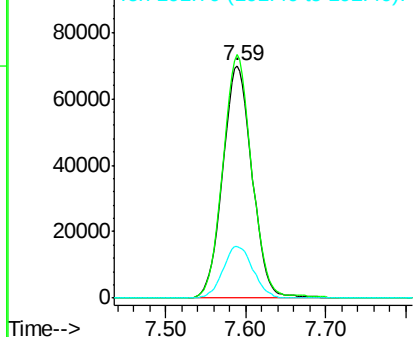


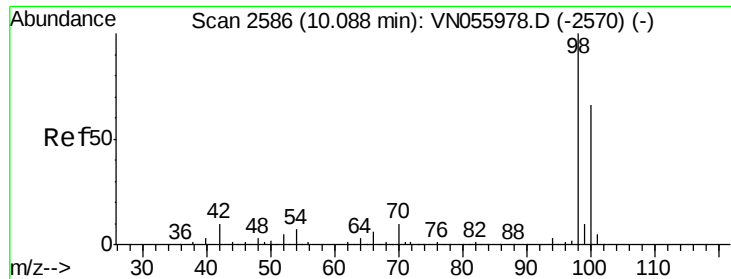
#35
Dibromofluoromethane
Concen: 51.065 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056274.D
Acq: 13 Jun 2019 12:21

Tgt Ion:113 Resp: 176493
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 22.8 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: 52.943 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056274.D

Acq: 13 Jun 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

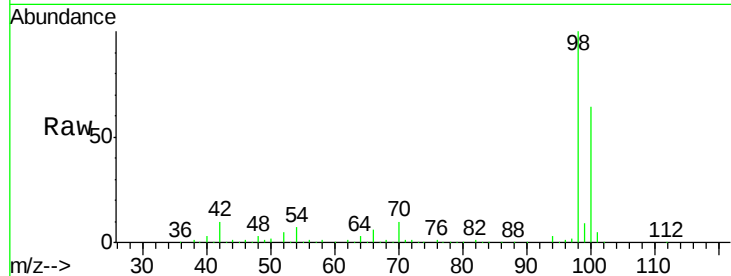
VN0613WBL01

Tot Ion: 98 Resp: 704116

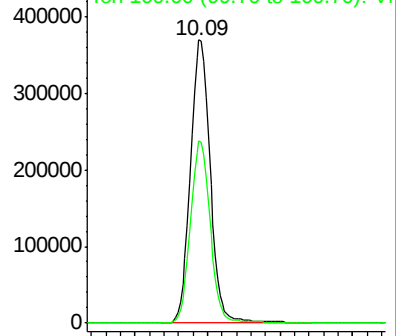
Ion Ratio Lower Upper

98 100

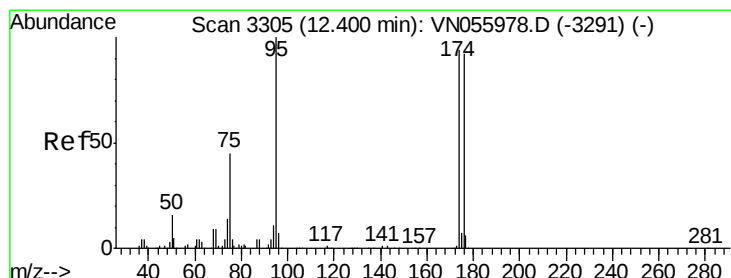
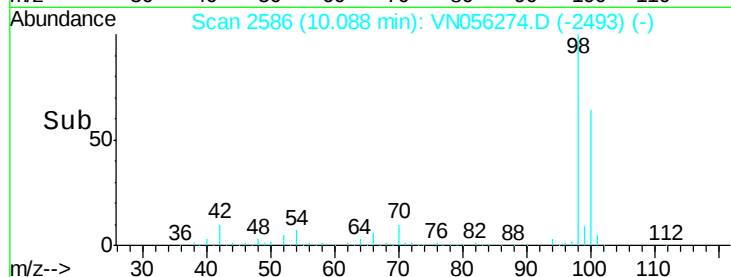
100 64.2 51.9 77.9



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



Time-->



#62

4-Bromofluorobenzene

Concen: 49.877 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056274.D

Acq: 13 Jun 2019 12:21

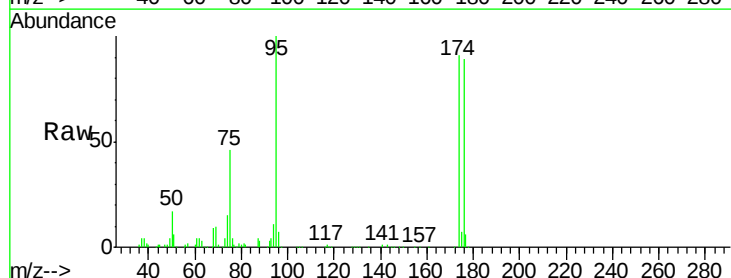
Tgt Ion: 95 Resp: 225585

Ion Ratio Lower Upper

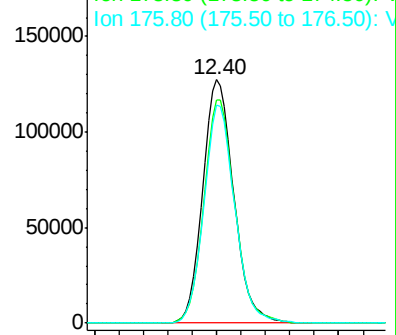
95 100

174 91.3 0.0 191.0

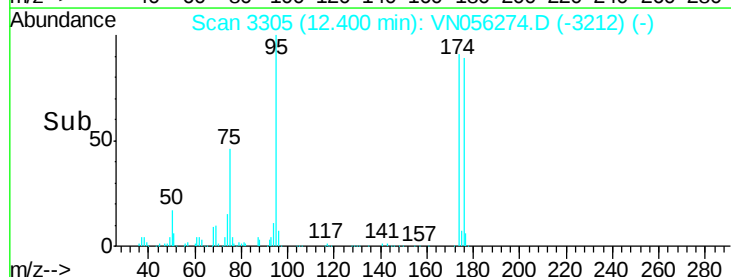
176 89.0 0.0 185.2

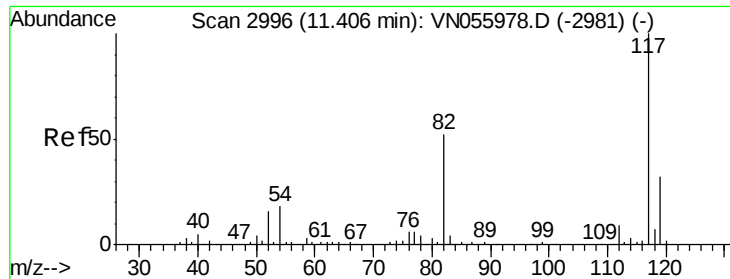


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056274.D

Acq: 13 Jun 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

VN0613WBL01

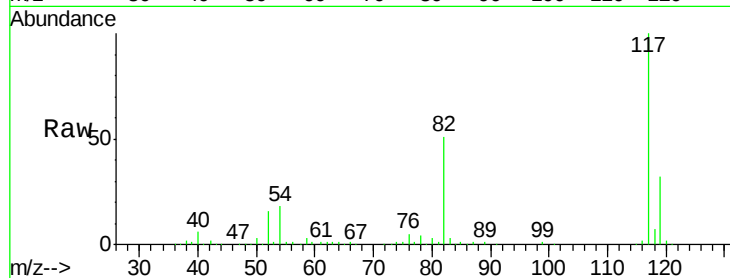
Tot Ion:117 Resp: 562422

Ion Ratio Lower Upper

117 100

82 51.0 41.8 62.8

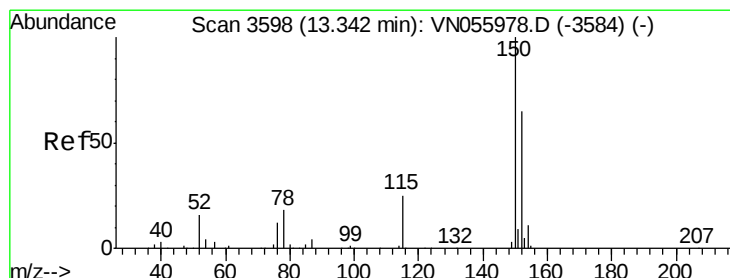
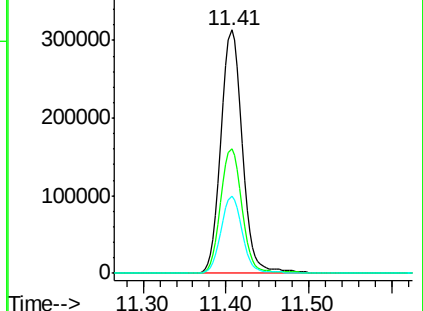
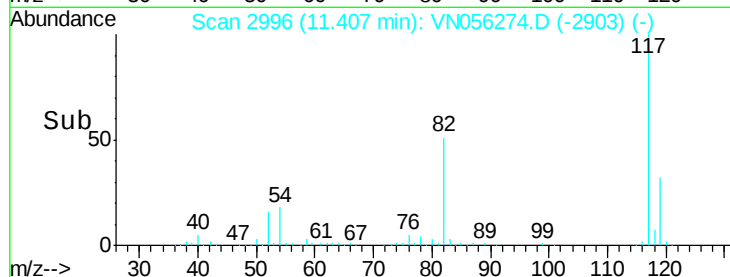
119 31.5 25.4 38.0



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: VN056274.D

Acq: 13 Jun 2019 12:21

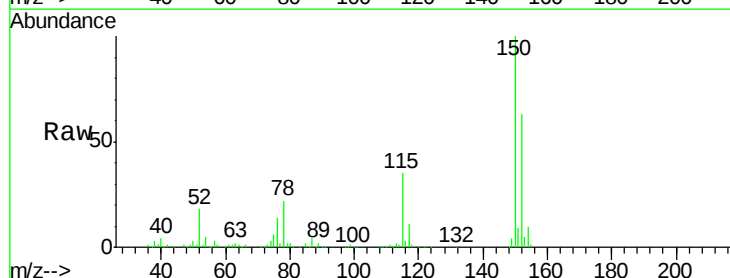
Tgt Ion:152 Resp: 165424

Ion Ratio Lower Upper

152 100

115 55.5 27.0 81.0

150 158.6 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

