

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056200.D
 Acq On : 11 Jun 2019 5:10
 Operator : JC/SP
 Sample : K3255-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D3-20190605

Quant Time: Jun 11 05:46:42 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	303487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	463635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	454263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144623	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	164592	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
35) Dibromofluoromethane	7.59	113	152433	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
50) Toluene-d8	10.09	98	608720	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
62) 4-Bromofluorobenzene	12.40	95	189635	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	

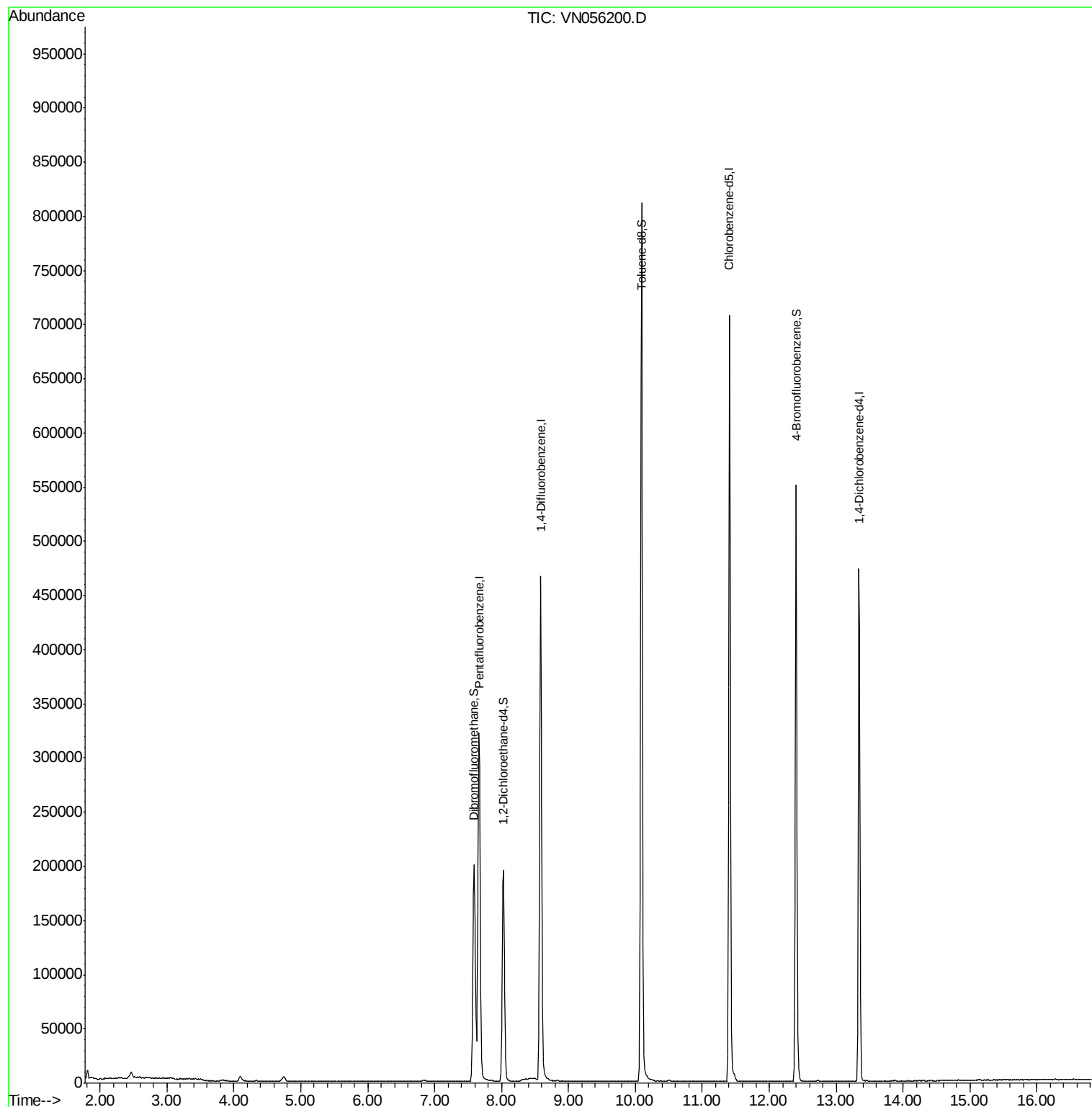
Target Compounds	Qvalue
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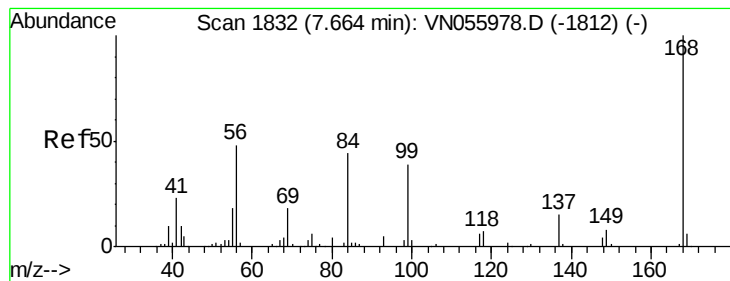
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056200.D

Acq: 11 Jun 2019 5:10

Instrument :

MSVOA_N

ClientSampleId :

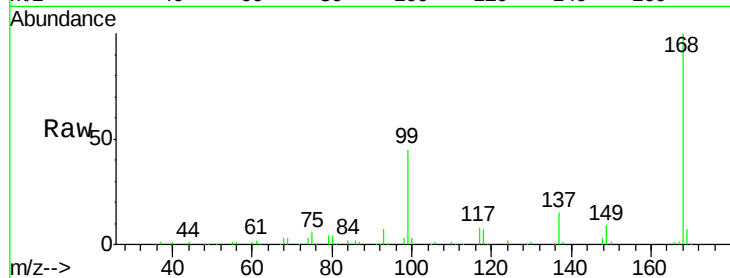
RE123D3-20190605

Tot Ion:168 Resp: 303487

Ion Ratio Lower Upper

168 100

99 44.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

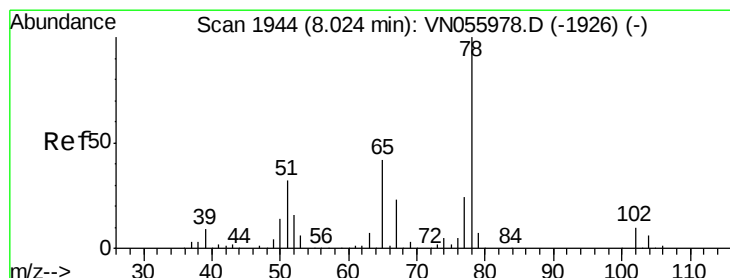
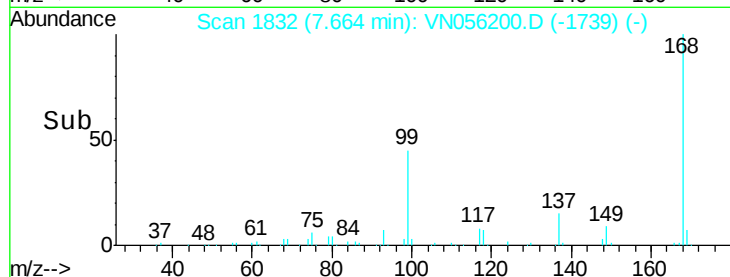
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.621 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056200.D

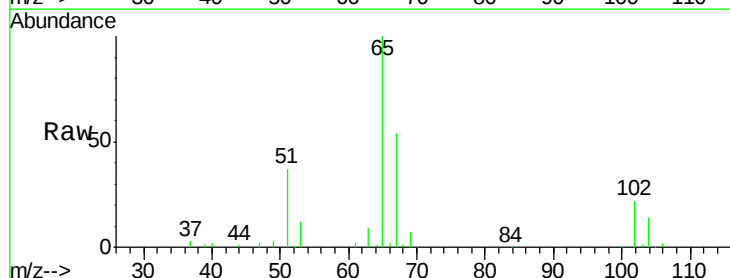
Acq: 11 Jun 2019 5:10

Tgt Ion: 65 Resp: 164592

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

8.03

80000

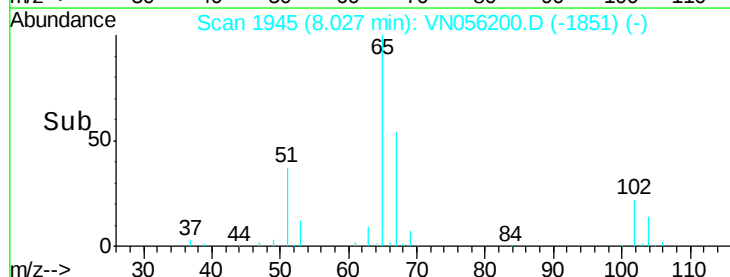
60000

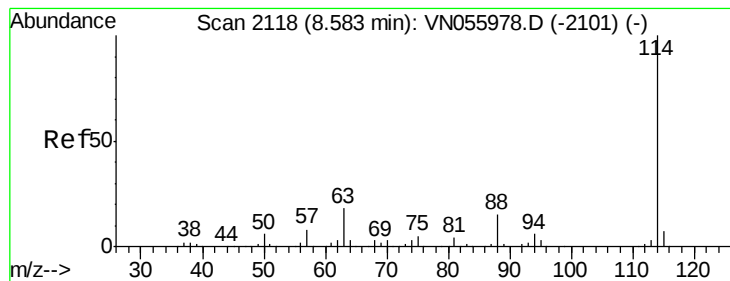
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056200.D

Acq: 11 Jun 2019 5:10

Instrument :

MSVOA_N

ClientSampleId :

RE123D3-20190605

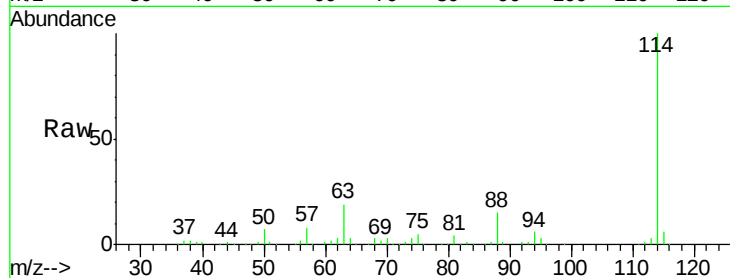
Tot Ion:114 Resp: 463635

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.2

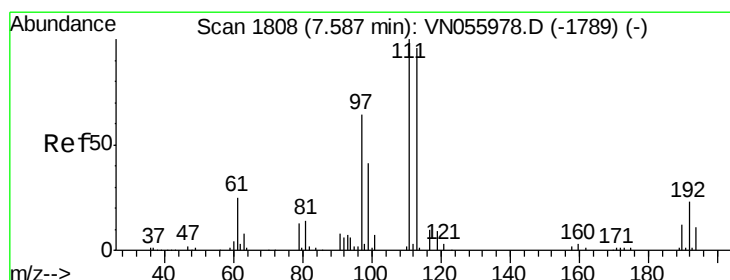
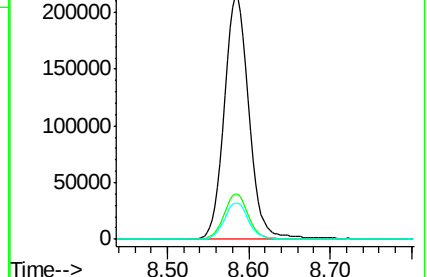
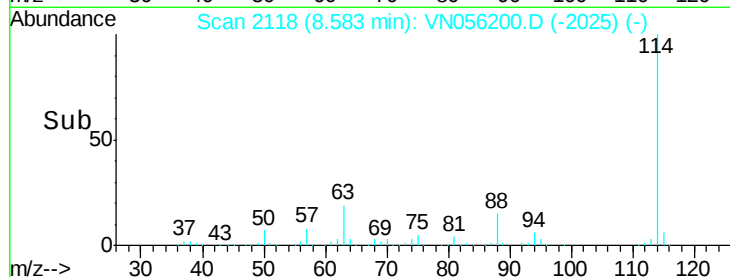
88 15.1 0.0 31.0



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: 53.588 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056200.D

Acq: 11 Jun 2019 5:10

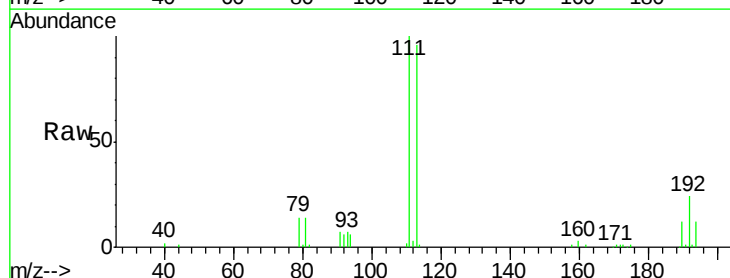
Tgt Ion:113 Resp: 152433

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

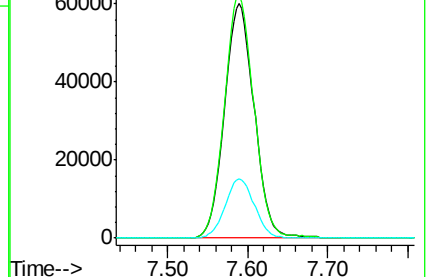
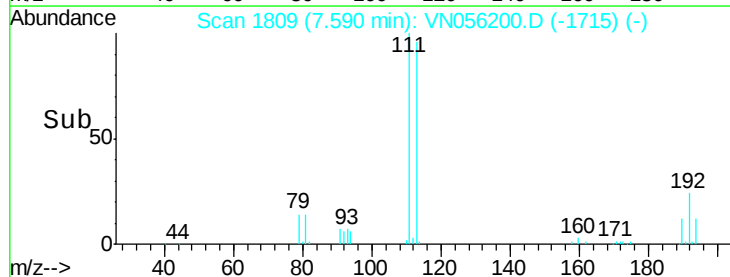
192 24.8 19.5 29.3

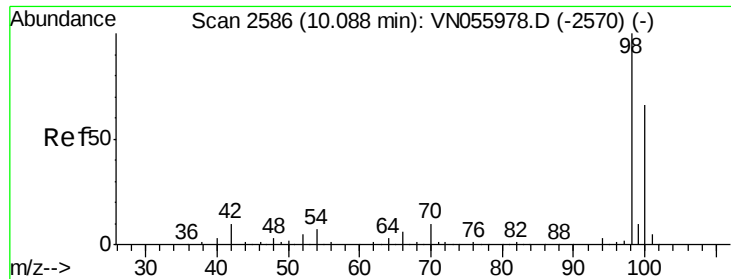


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.612 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056200.D

Acq: 11 Jun 2019 5:10

Instrument :

MSVOA_N

ClientSampleId :

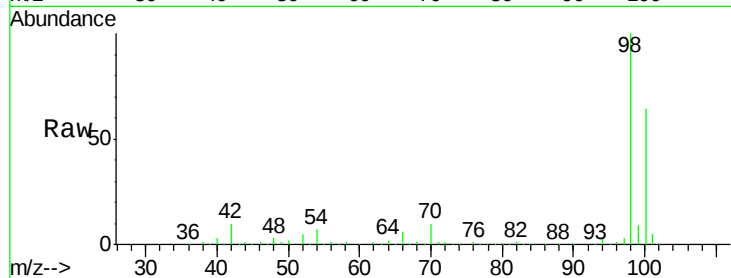
RE123D3-20190605

Tot Ion: 98 Resp: 608720

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

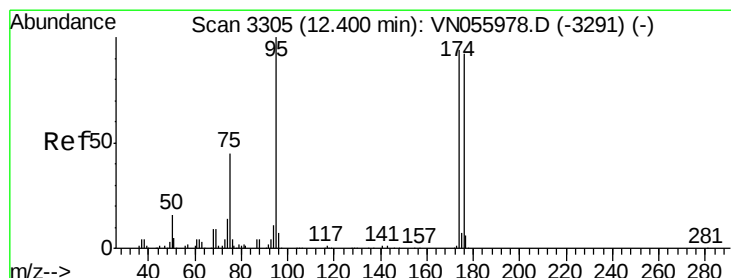
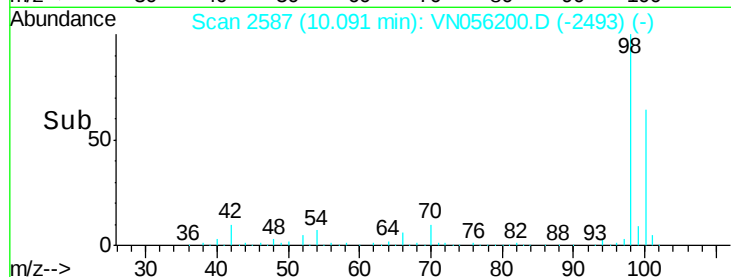
200000

100000

0

Time-->

10.00 10.20



#62

4-Bromofluorobenzene

Concen: 50.944 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056200.D

Acq: 11 Jun 2019 5:10

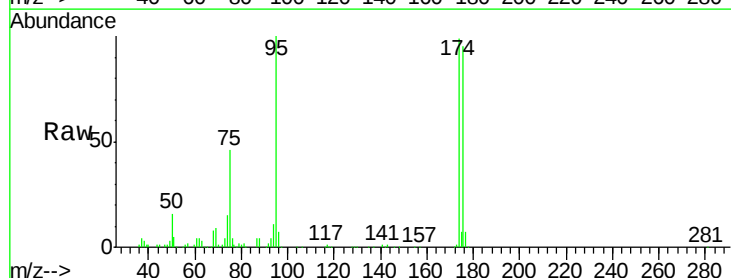
Tgt Ion: 95 Resp: 189635

Ion Ratio Lower Upper

95 100

174 100.3 0.0 191.0

176 96.3 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

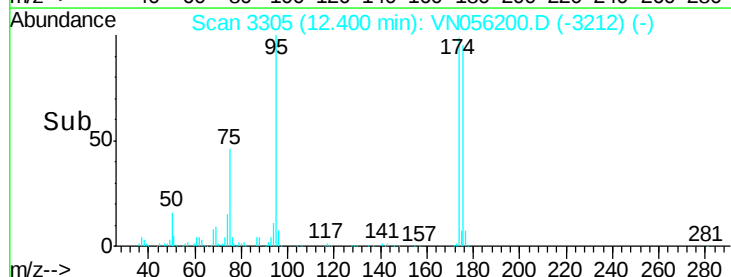
100000

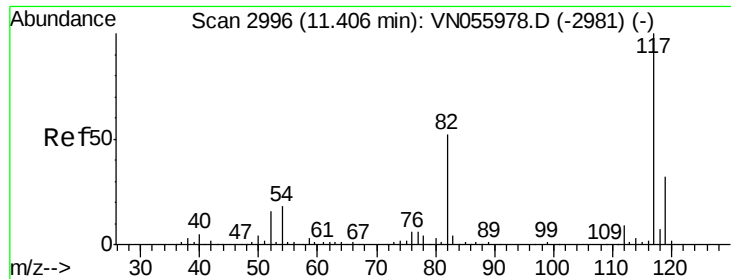
50000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056200.D

Acq: 11 Jun 2019 5:10

Instrument :

MSVOA_N

ClientSampleId :

RE123D3-20190605

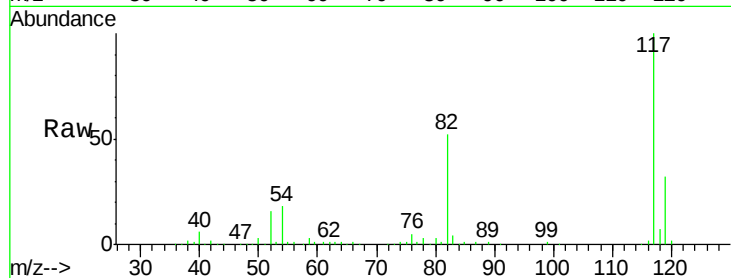
Tot Ion:117 Resp: 454263

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

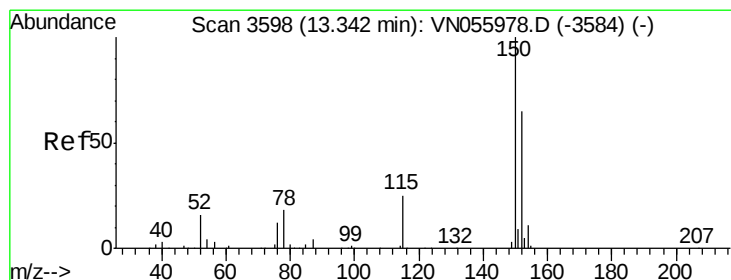
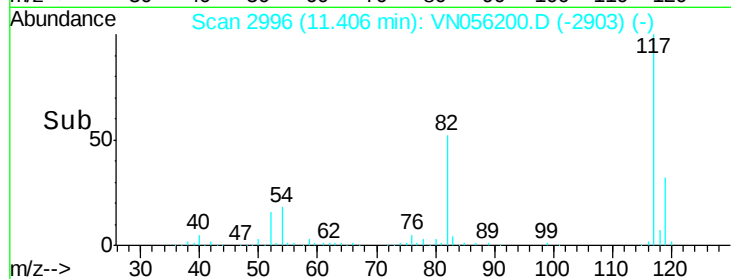
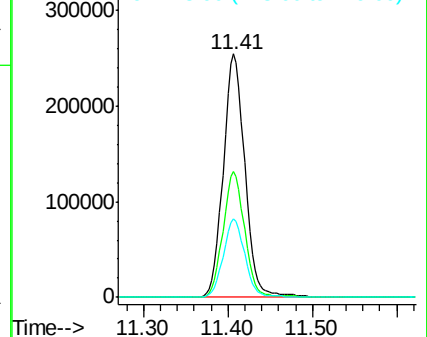
119 32.2 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN056200.D

Acq: 11 Jun 2019 5:10

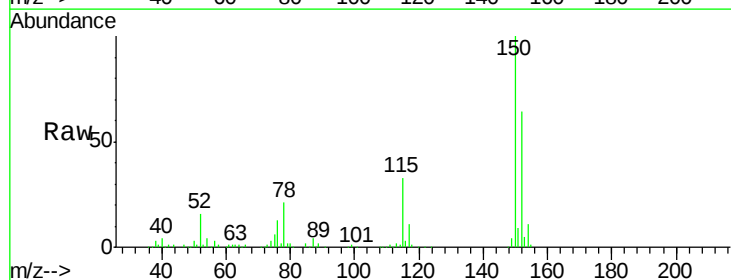
Tgt Ion:152 Resp: 144623

Ion Ratio Lower Upper

152 100

115 51.2 27.0 81.0

150 156.7 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

