

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056041.D
 Acq On : 6 Jun 2019 13:15
 Operator : JC/SP
 Sample : K3195-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF014RW040-190603

Quant Time: Jun 06 19:07:12 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

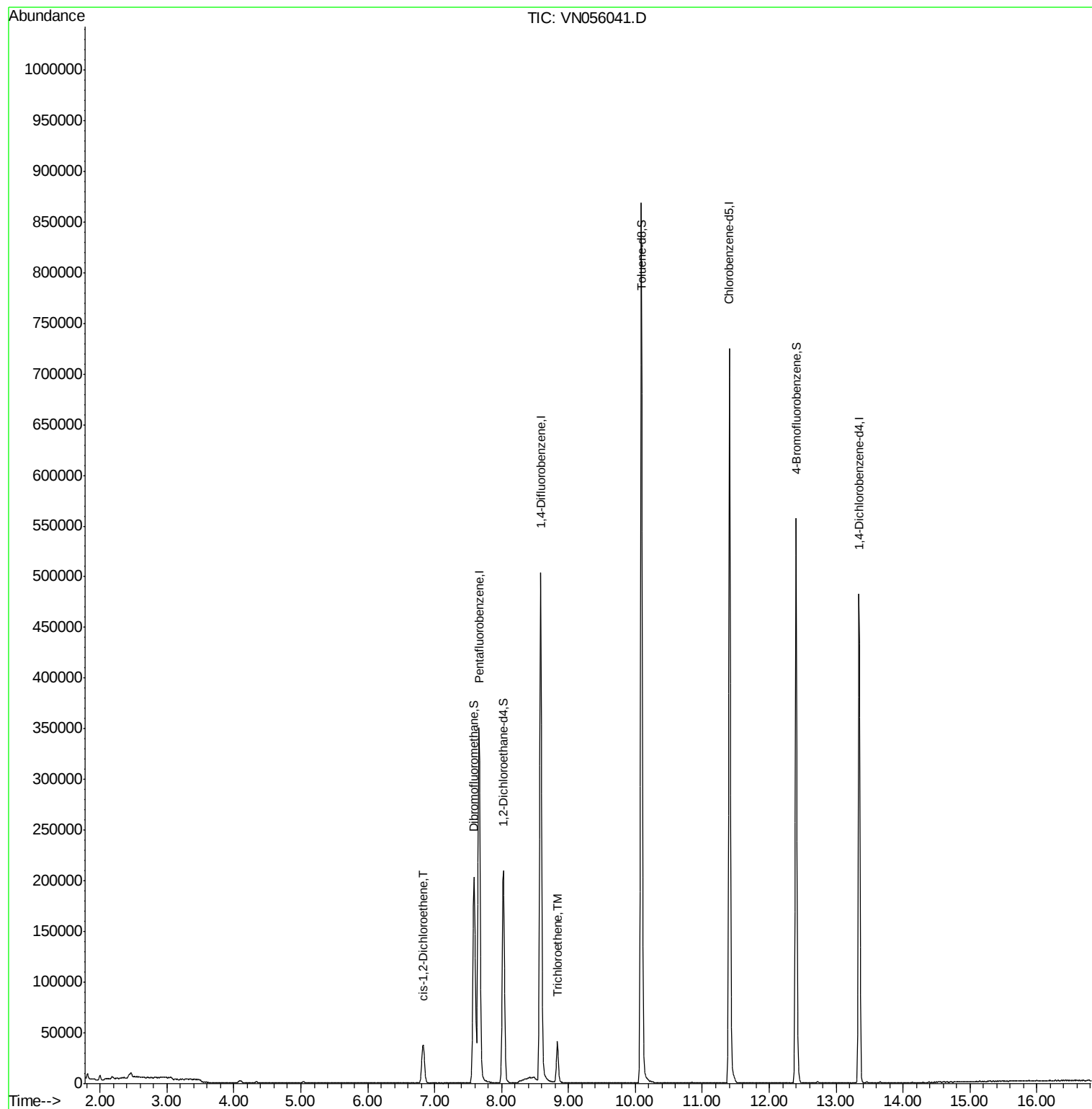
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	336261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	506268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	179024	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	7.59	113	156409	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.09	98	643565	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.40	95	199842	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.83	96	28245	7.944	ug/l	87
44) Trichloroethene	8.83	130	16463	4.333	ug/l	94

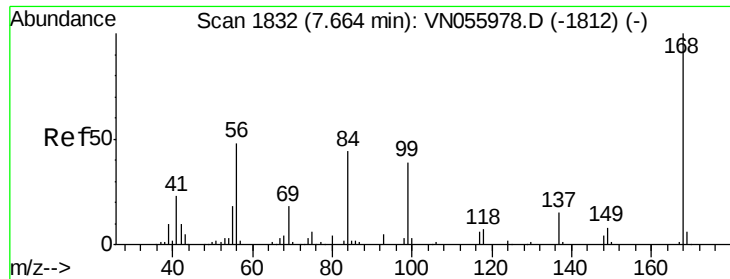
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060719\
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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056041.D

Acq: 6 Jun 2019 13:15

Instrument :

MSVOA_N

ClientSampleId :

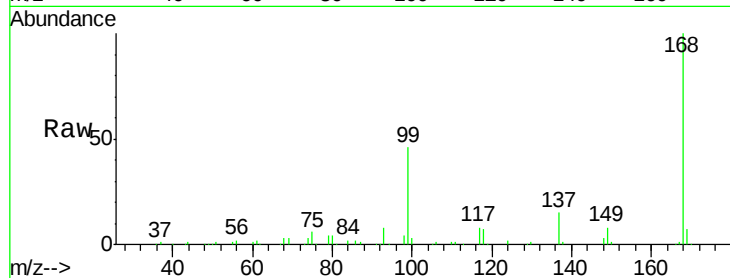
LF014RW040-190603

Tot Ion:168 Resp: 336261

Ion Ratio Lower Upper

168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

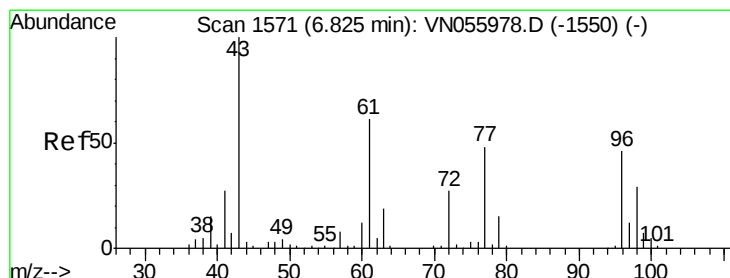
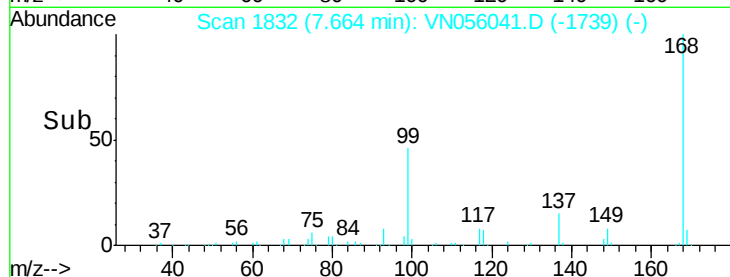
100000

50000

0

7.60 7.70 7.80

Time-->



#27

cis-1,2-Dichloroethene

Concen: 7.944 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056041.D

Acq: 6 Jun 2019 13:15

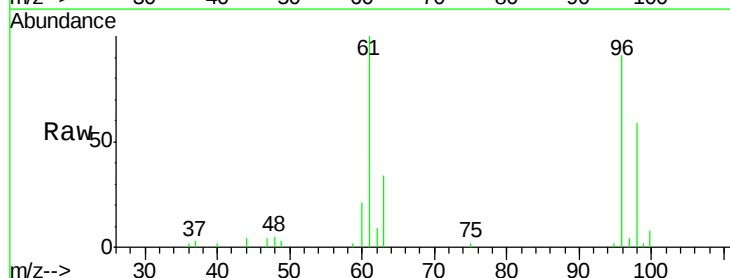
Tgt Ion: 96 Resp: 28245

Ion Ratio Lower Upper

96 100

61 116.3 0.0 275.8

98 62.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

6.83

15000

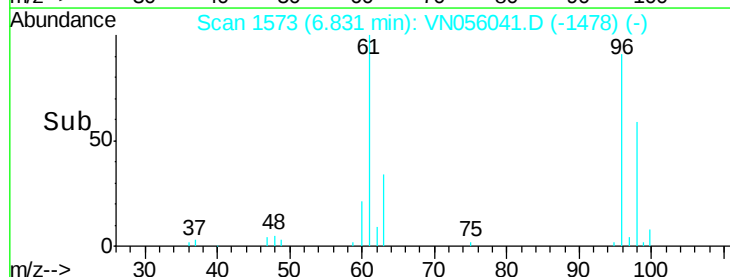
10000

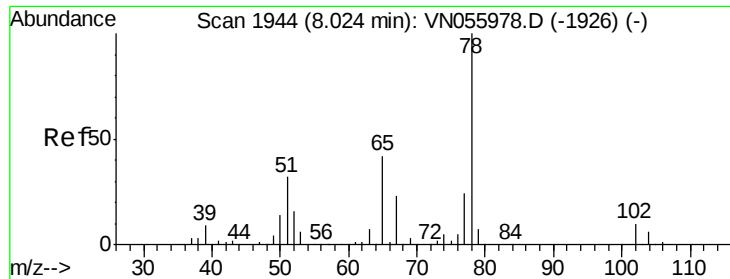
5000

0

6.70 6.80 6.90

Time-->

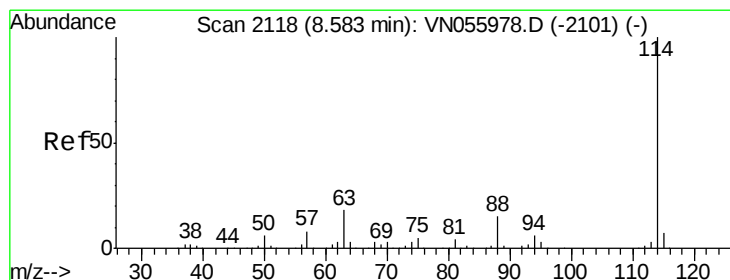
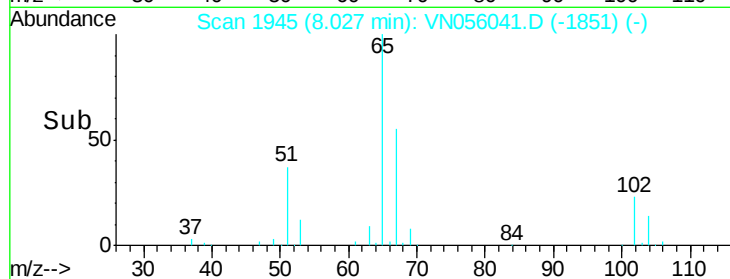
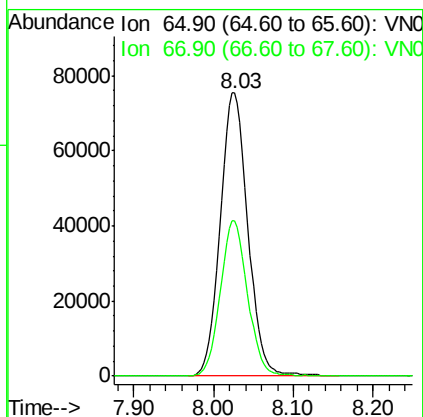
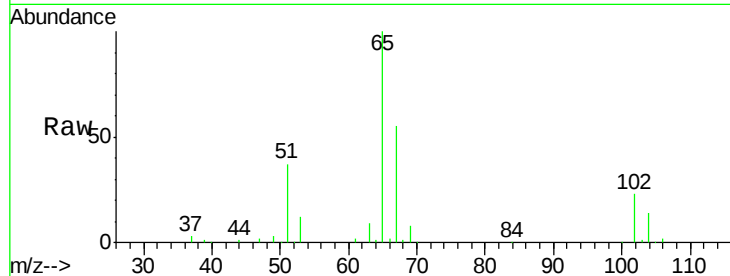




#33
 1,2-Dichloroethane-d4
 Concen: 53.619 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056041.D
 Acq: 6 Jun 2019 13:15

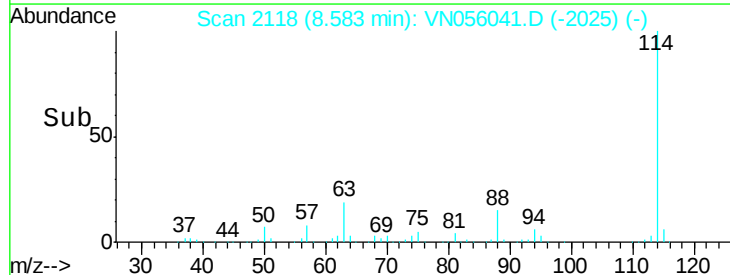
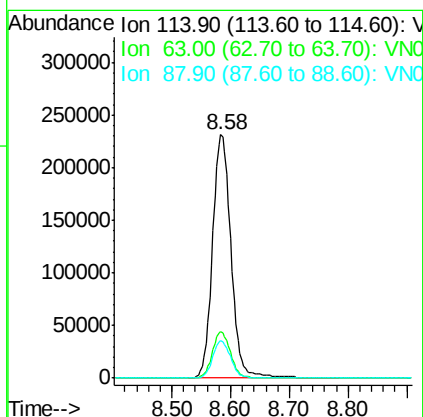
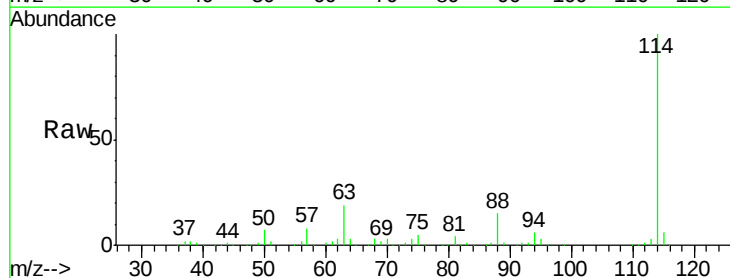
Instrument :
 MSVOA_N
 ClientSampleId :
 LF014RW040-190603

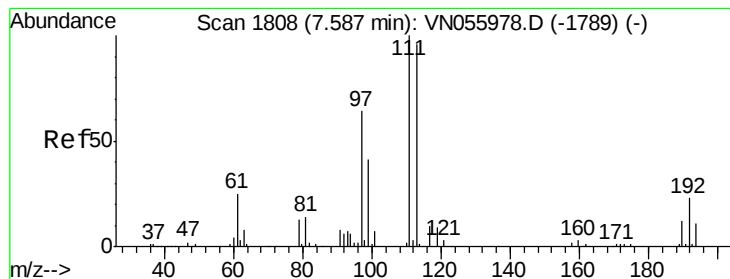
Tot Ion: 65 Resp: 179024
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056041.D
 Acq: 6 Jun 2019 13:15

Tgt Ion: 114 Resp: 506268
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.355 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056041.D

Acq: 6 Jun 2019 13:15

Instrument :

MSVOA_N

ClientSampleId :

LF014RW040-190603

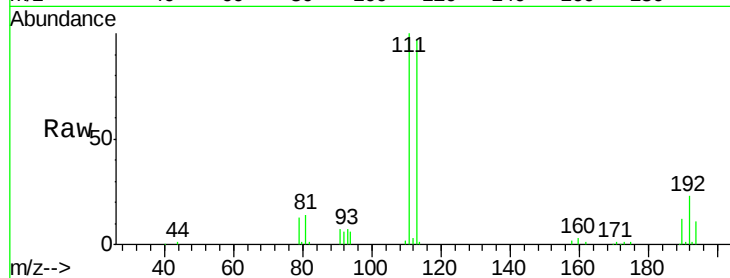
Tot Ion:113 Resp: 156409

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

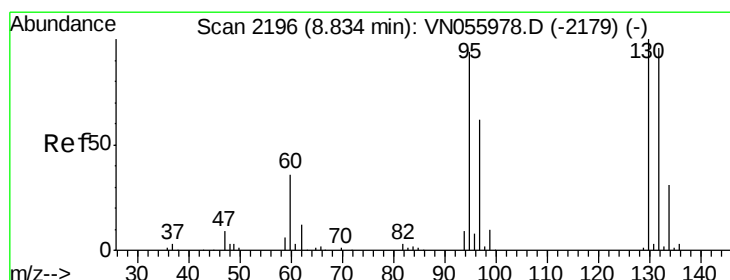
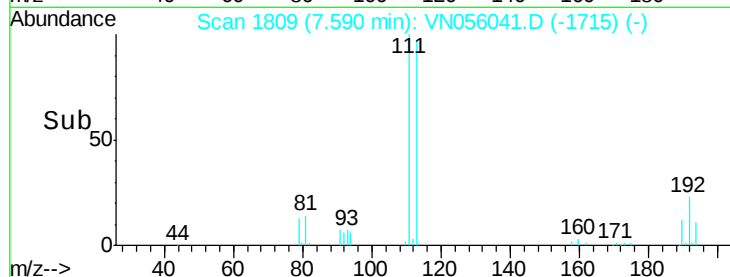
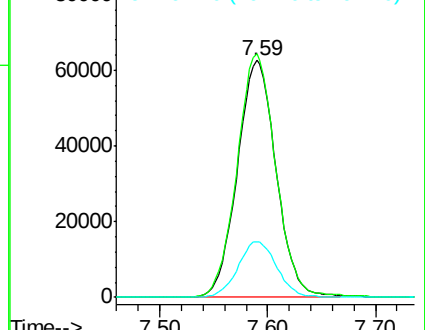
192 23.5 19.5 29.3



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



#44

Trichloroethene

Concen: 4.333 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN056041.D

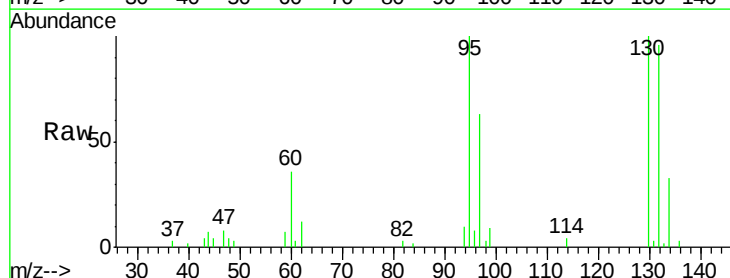
Acq: 6 Jun 2019 13:15

Tgt Ion:130 Resp: 16463

Ion Ratio Lower Upper

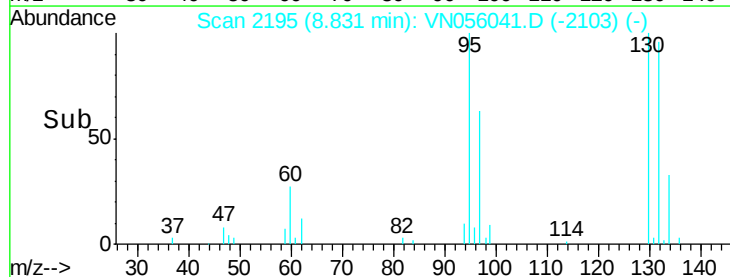
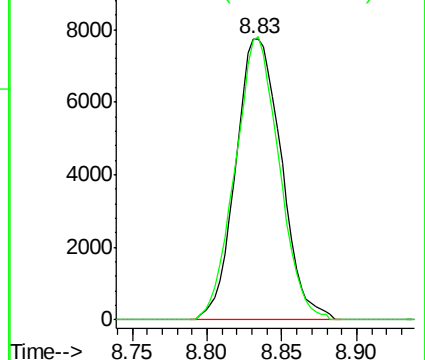
130 100

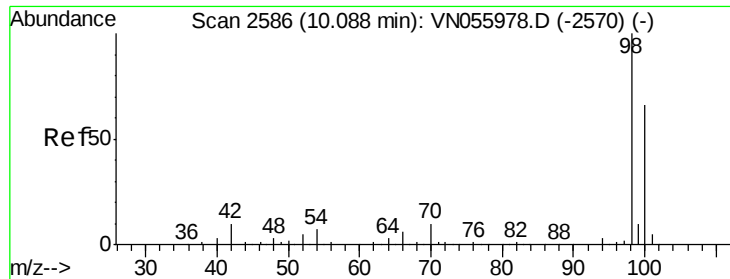
95 99.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 53.844 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056041.D

Acq: 6 Jun 2019 13:15

Instrument :

MSVOA_N

ClientSampleId :

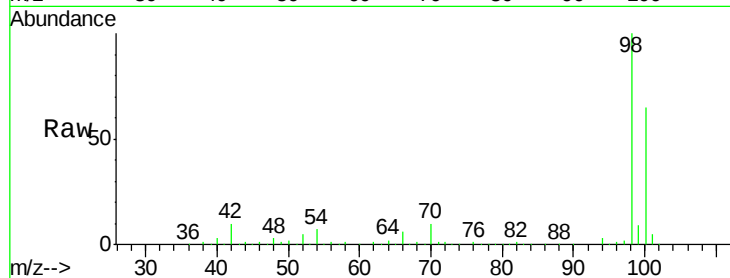
LF014RW040-190603

Tot Ion: 98 Resp: 643565

Ion Ratio Lower Upper

98 100

100 65.1 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

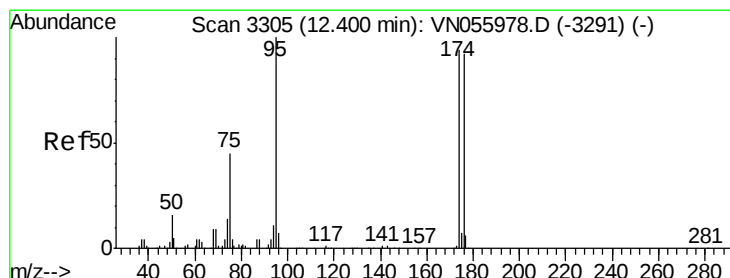
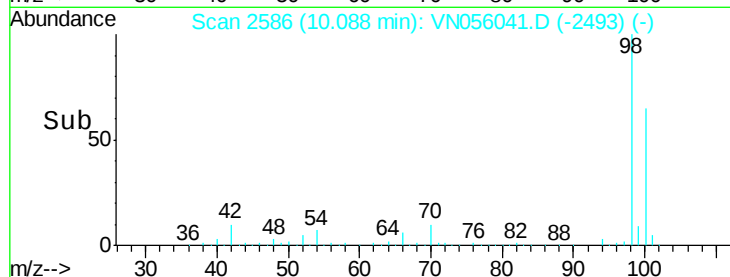
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.165 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056041.D

Acq: 6 Jun 2019 13:15

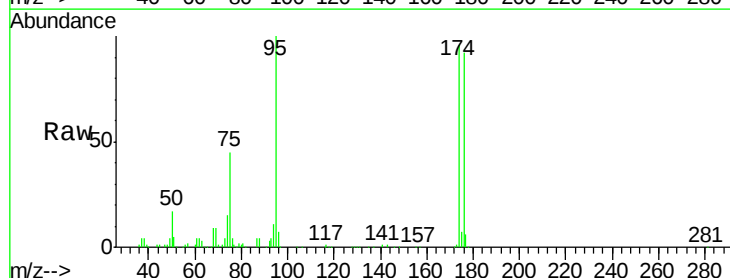
Tgt Ion: 95 Resp: 199842

Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.0

176 92.9 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

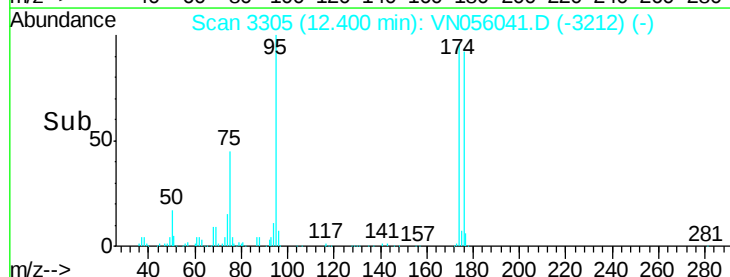
150000

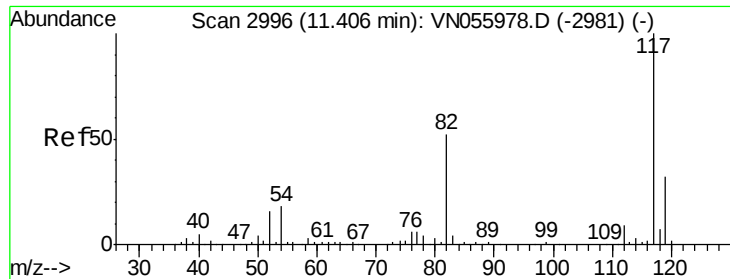
100000

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: VN056041.D

Acq: 6 Jun 2019 13:15

Instrument :

MSVOA_N

ClientSampleId :

LF014RW040-190603

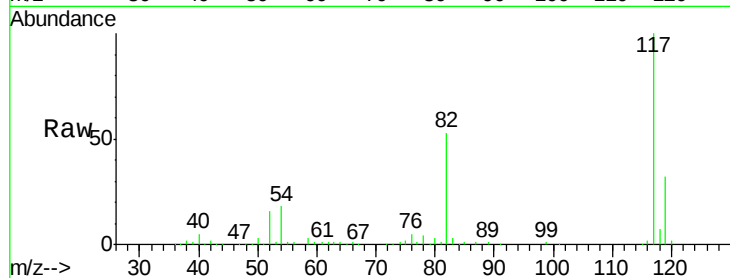
Tot Ion:117 Resp: 466720

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

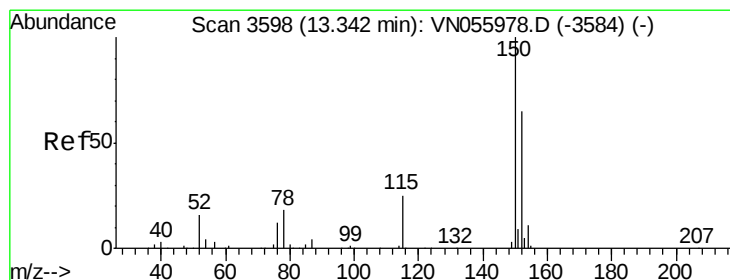
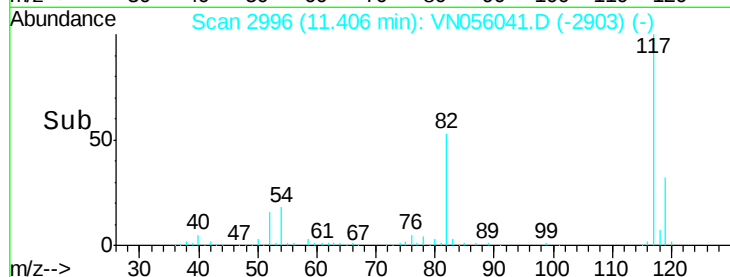
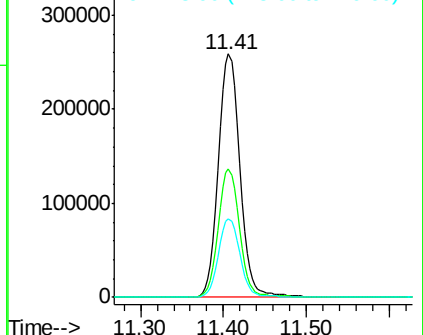
119 32.3 25.4 38.0



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: VN056041.D

Acq: 6 Jun 2019 13:15

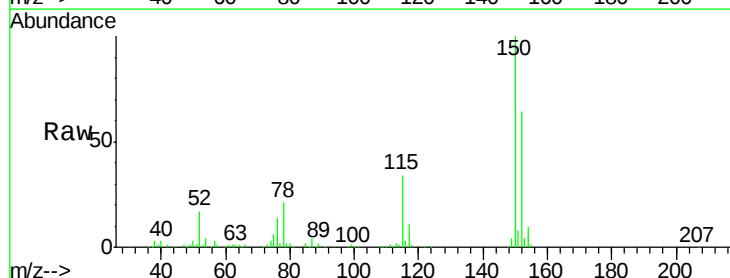
Tgt Ion:152 Resp: 148359

Ion Ratio Lower Upper

152 100

115 53.8 27.0 81.0

150 157.2 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

