

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056045.D
 Acq On : 6 Jun 2019 14:55
 Operator : JC/SP
 Sample : K3195-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF014RW041-190603

Quant Time: Jun 07 05:50:19 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

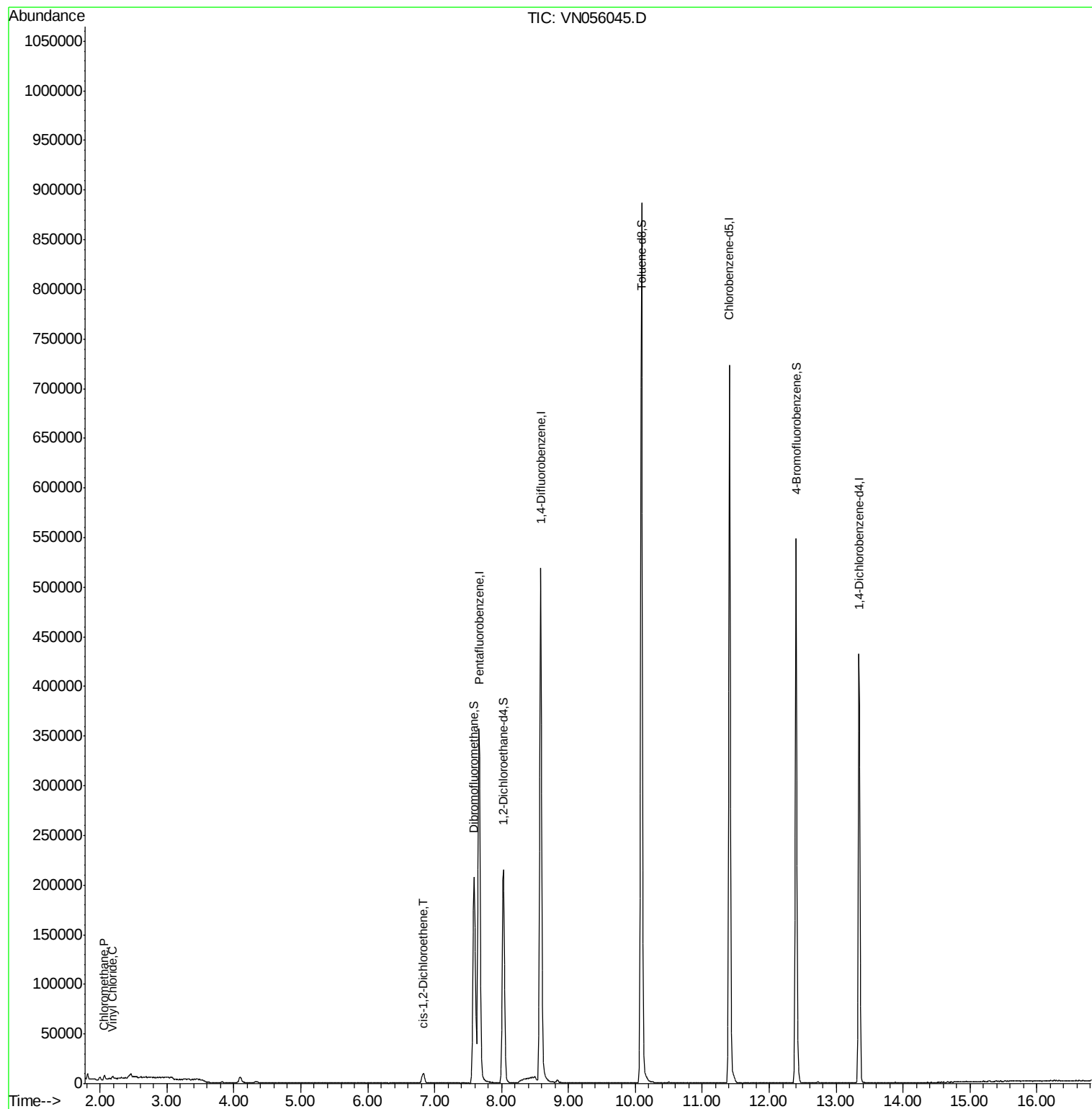
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	338738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	515465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	468448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	182823	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
35) Dibromofluoromethane	7.59	113	160243	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.09	98	661545	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
62) 4-Bromofluorobenzene	12.40	95	193805	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
Target Compounds						
3) Chloromethane	2.06	50	4670	1.272	ug/l	96
4) Vinyl Chloride	2.19	62	1996	0.542	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	7749	2.164	ug/l	90

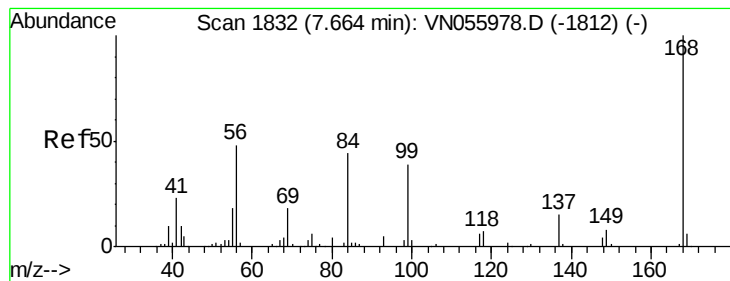
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056045.D

Acq: 6 Jun 2019 14:55

Instrument :

MSVOA_N

ClientSampleId :

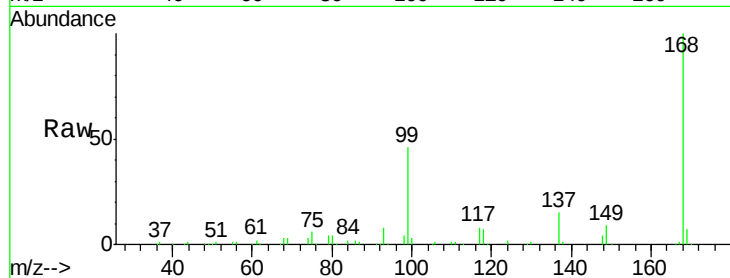
LF014RW041-190603

Tot Ion:168 Resp: 338738

Ion Ratio Lower Upper

168 100

99 45.6 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

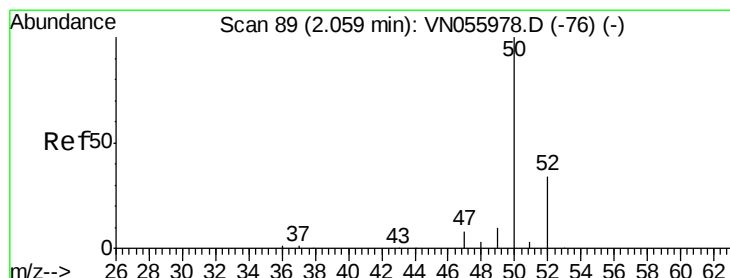
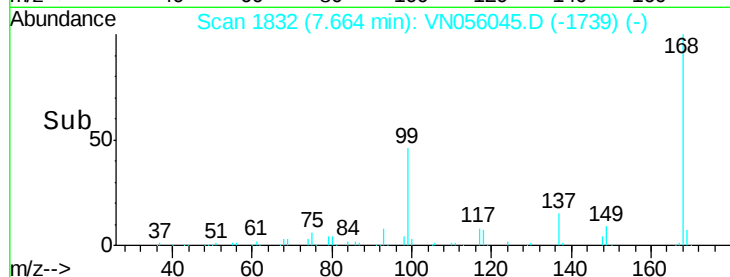
100000

50000

0

Time-->

7.60 7.70 7.80



#3

Chloromethane

Concen: 1.272 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN056045.D

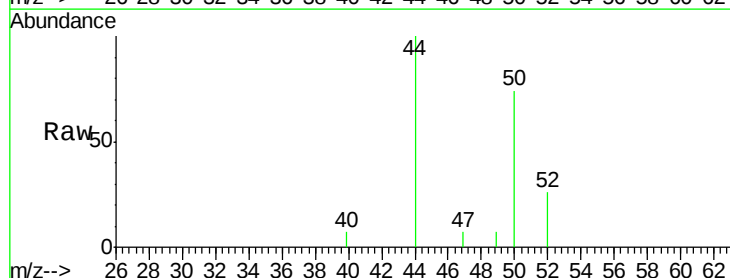
Acq: 6 Jun 2019 14:55

Tgt Ion: 50 Resp: 4670

Ion Ratio Lower Upper

50 100

52 35.4 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

3000

2500

2000

1500

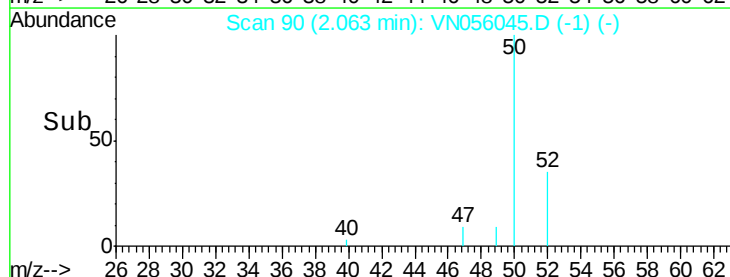
1000

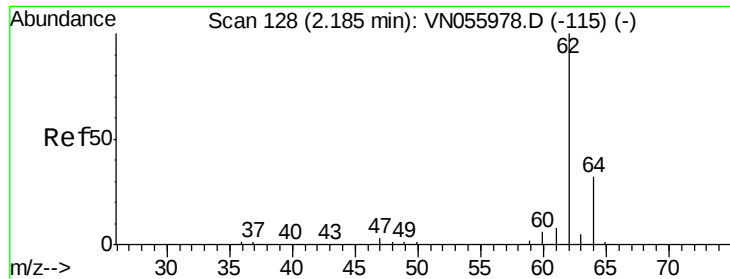
500

0

Time-->

2.05 2.10





#4

Vinyl Chloride

Concen: 0.542 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056045.D

Acq: 6 Jun 2019 14:55

Instrument :

MSVOA_N

ClientSampleId :

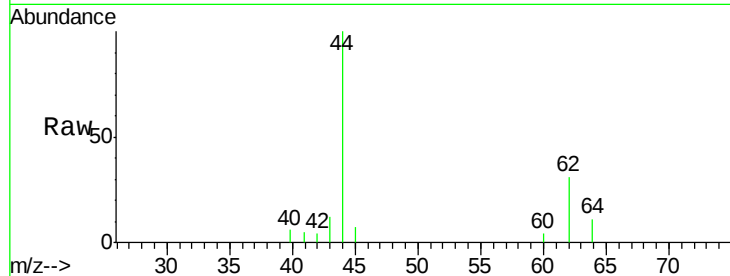
LF014RW041-190603

Tot Ion: 62 Resp: 1996

Ion Ratio Lower Upper

62 100

64 33.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

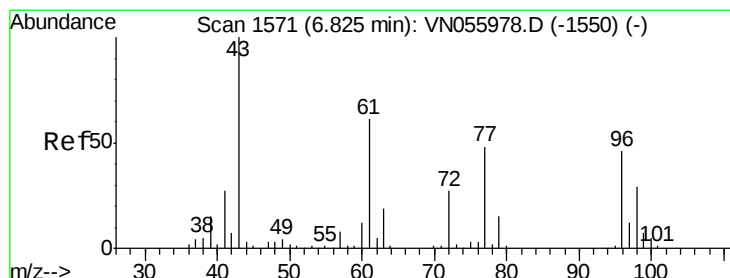
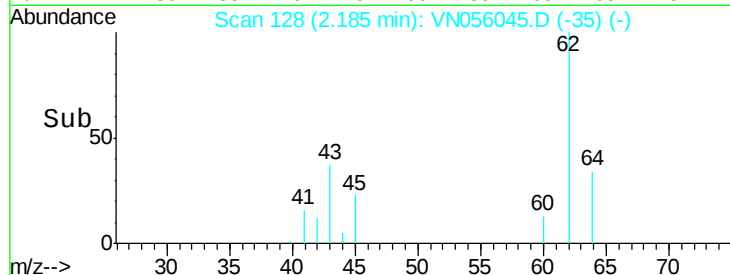
1500

1000

500

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.164 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056045.D

Acq: 6 Jun 2019 14:55

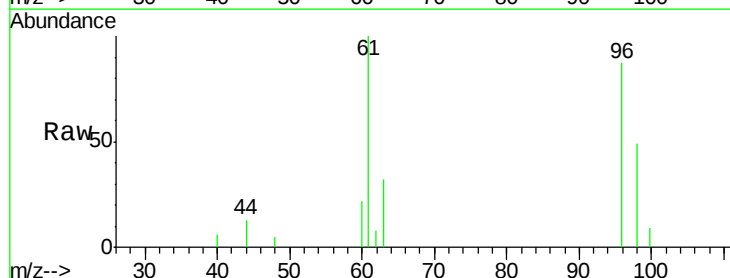
Tgt Ion: 96 Resp: 7749

Ion Ratio Lower Upper

96 100

61 120.5 0.0 275.8

98 64.0 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

4000

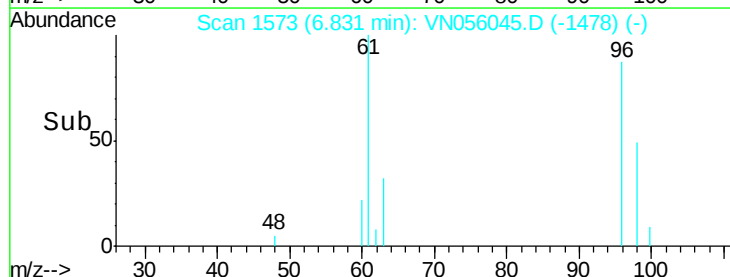
3000

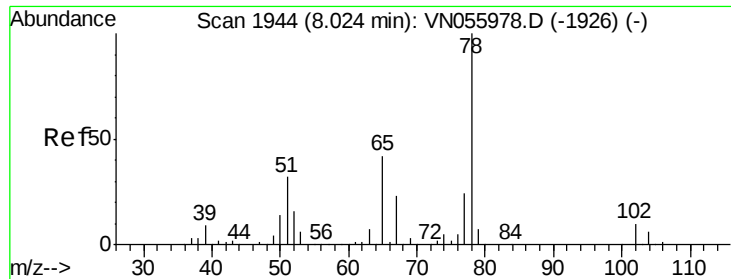
2000

1000

0

Time-->

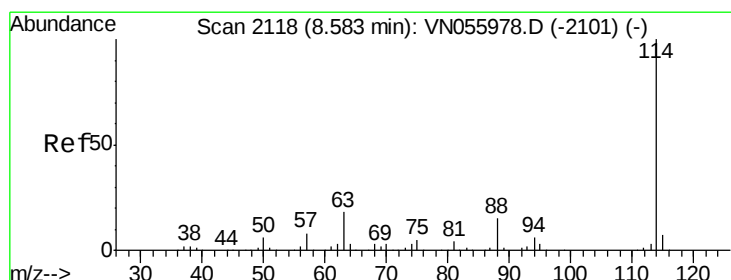
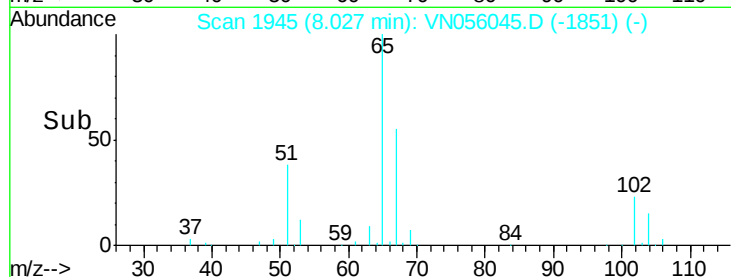
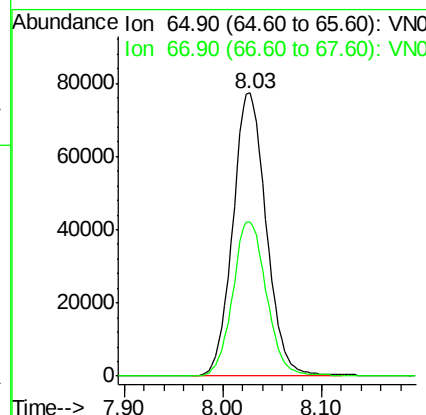
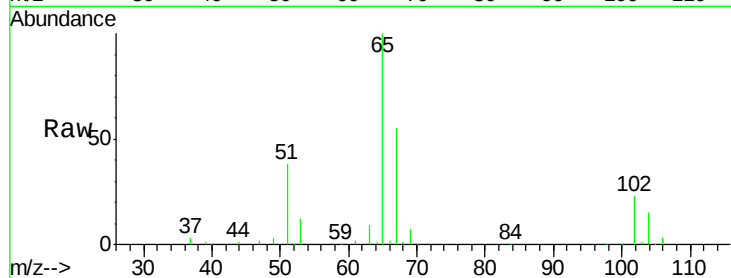




#33
 1,2-Dichloroethane-d4
 Concen: 54.357 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056045.D
 Acq: 6 Jun 2019 14:55

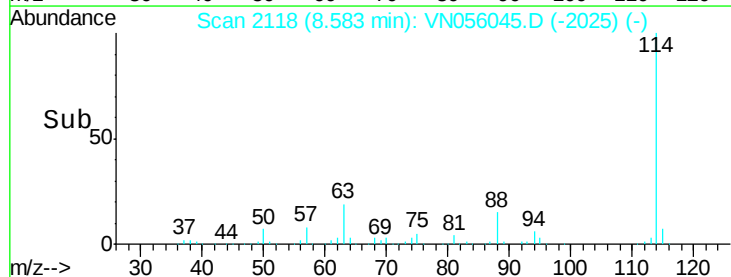
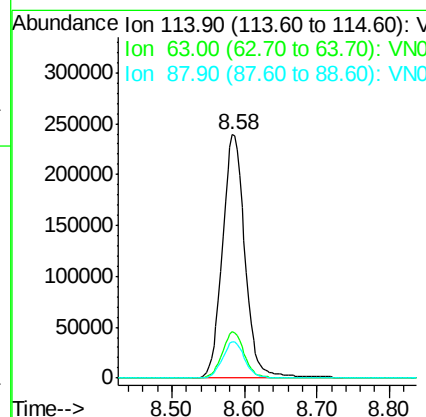
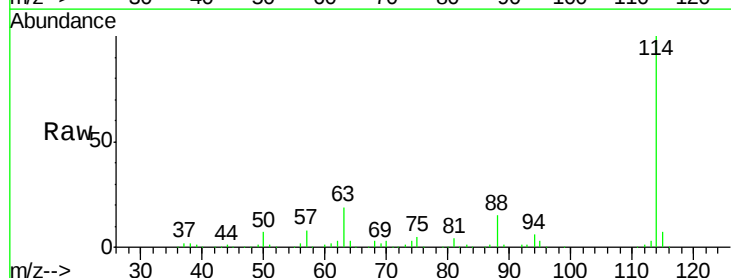
Instrument :
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 LF014RW041-190603

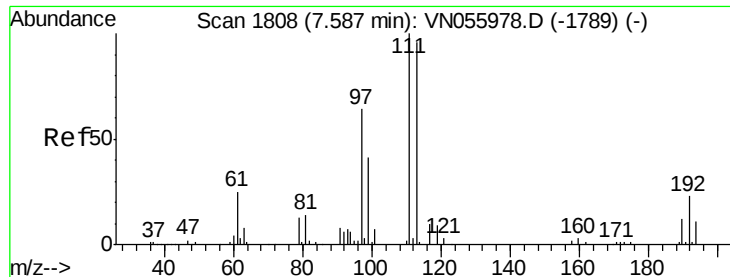
Tot Ion: 65 Resp: 182823
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056045.D
 Acq: 6 Jun 2019 14:55

Tgt Ion: 114 Resp: 515465
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.1 0.0 31.0

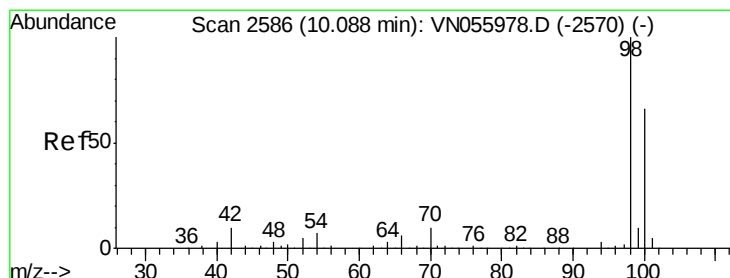
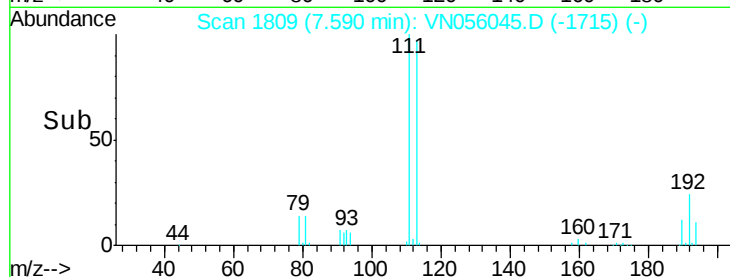
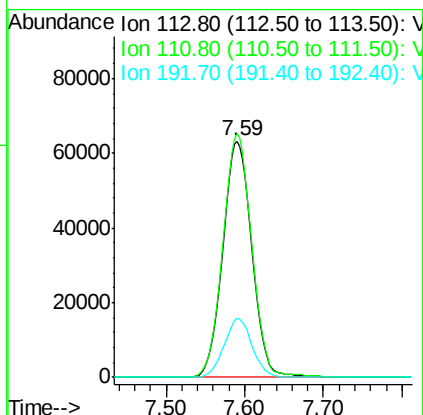
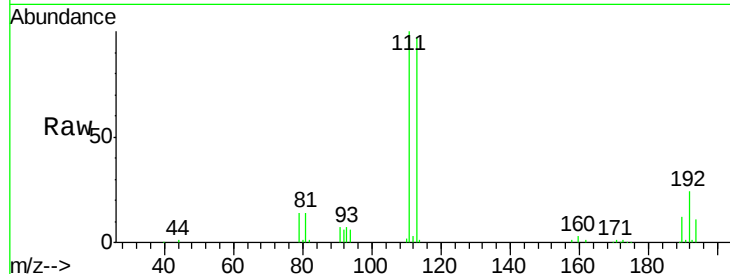




#35
 Dibromofluoromethane
 Concen: 50.669 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056045.D
 Acq: 6 Jun 2019 14:55

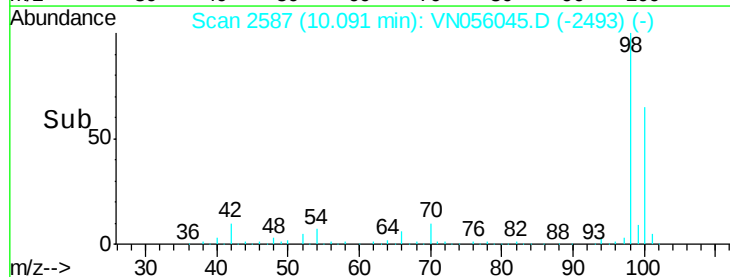
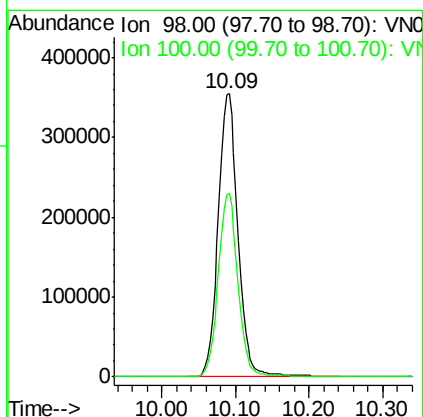
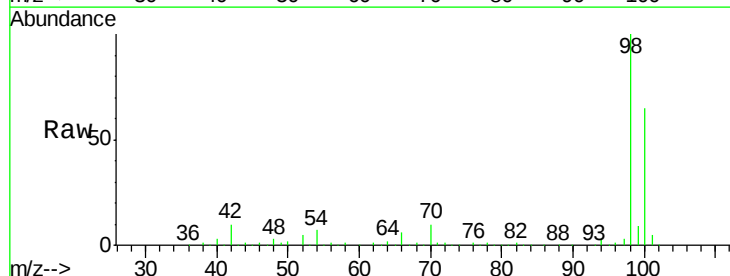
Instrument :
 MSVOA_N
 ClientSampleId :
 LF014RW041-190603

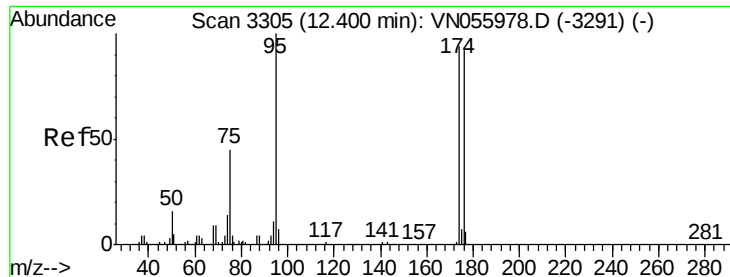
Tot Ion:113 Resp: 160243
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 24.0 19.5 29.3



#50
 Toluene-d8
 Concen: 54.361 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056045.D
 Acq: 6 Jun 2019 14:55

Tgt Ion: 98 Resp: 661545
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 46.829 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056045.D

Acq: 6 Jun 2019 14:55

Instrument :

MSVOA_N

ClientSampleId :

LF014RW041-190603

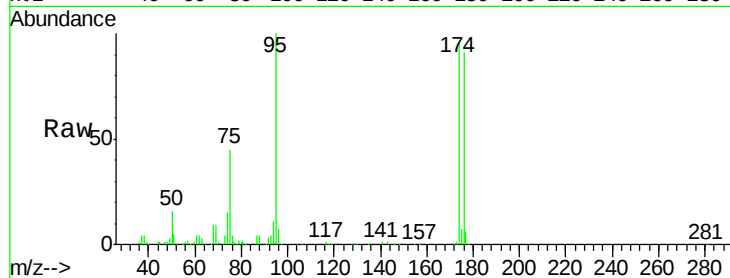
Tot Ion: 95 Resp: 193805

Ion Ratio Lower Upper

95 100

174 95.6 0.0 191.0

176 91.8 0.0 185.2

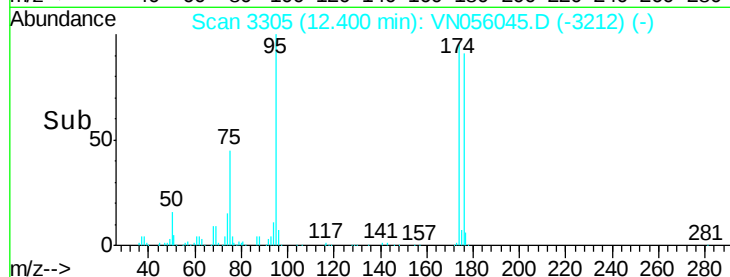


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

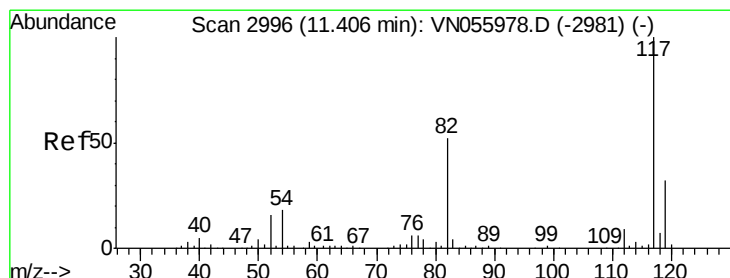
Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40



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: VN056045.D

Acq: 6 Jun 2019 14:55

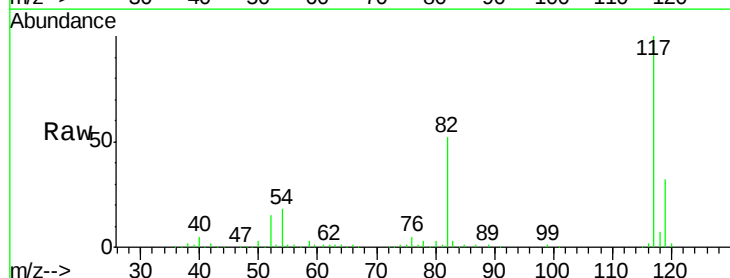
Tgt Ion: 117 Resp: 468448

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

119 32.5 25.4 38.0

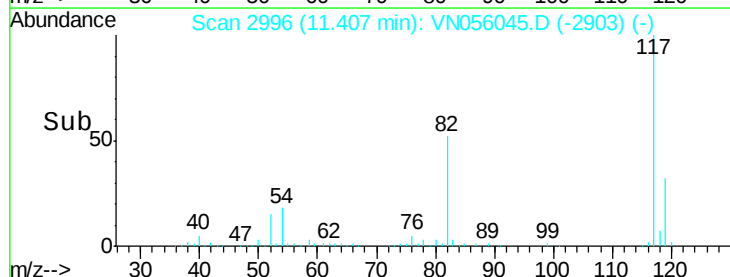


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

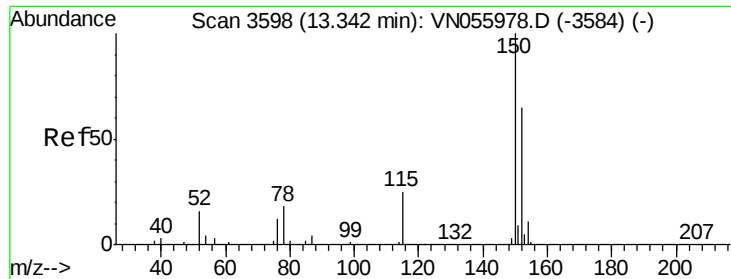
Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

11.41



Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056045.D

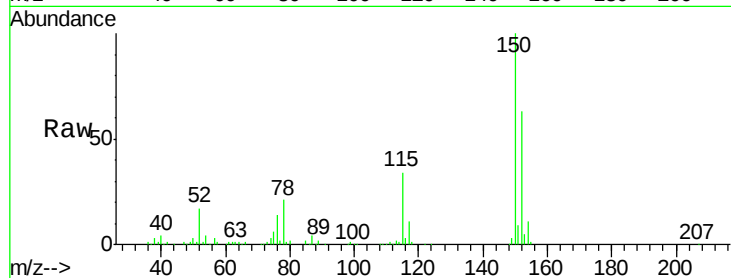
Acq: 6 Jun 2019 14:55

Instrument :

MSVOA_N

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LF014RW041-190603



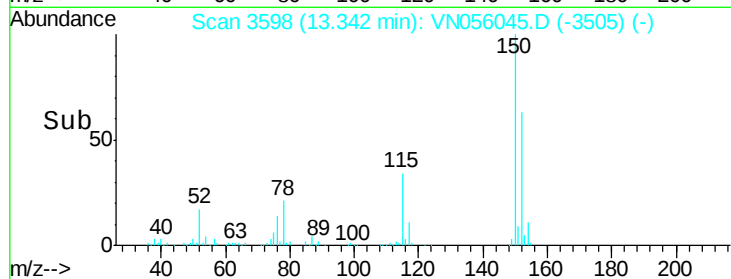
Tot Ion:152 Resp: 133257

Ion Ratio Lower Upper

152 100

115 54.0 27.0 81.0

150 158.1 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

