

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056044.D
 Acq On : 6 Jun 2019 14:30
 Operator : JC/SP
 Sample : K3195-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF014MW080-190603

Quant Time: Jun 07 05:48:35 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

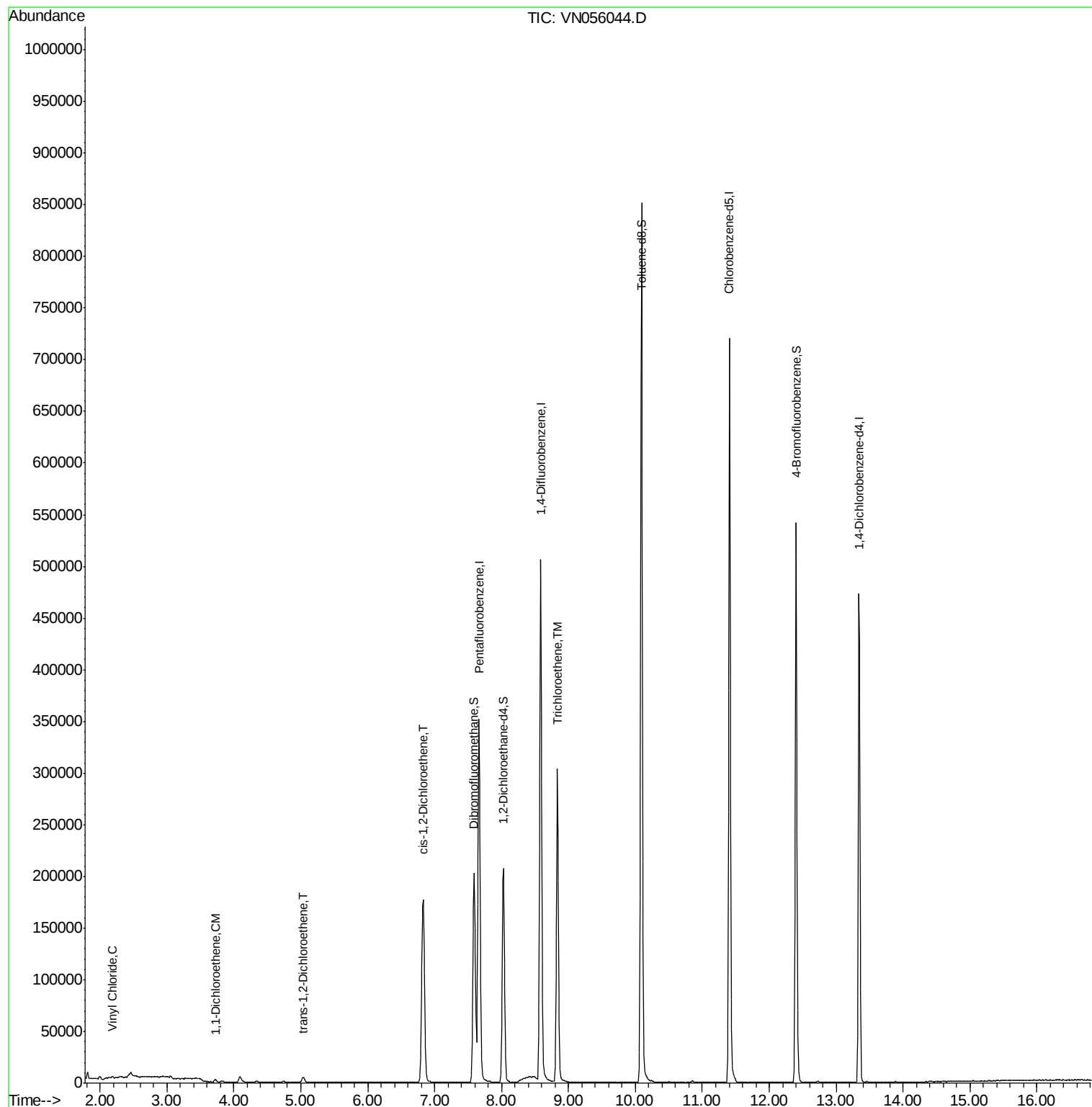
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	335102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	504056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	177290	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
35) Dibromofluoromethane	7.59	113	155529	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	10.09	98	641656	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.40	95	195171	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
4) Vinyl Chloride	2.18	62	1696	0.465	ug/l	92
12) 1,1-Dichloroethene	3.72	96	1484	0.528	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	3640	1.208	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	130637	36.871	ug/l	88
44) Trichloroethene	8.83	130	122648	32.424	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060719\
Data File : VN056044.D
Acq On : 6 Jun 2019 14:30
Operator : JC/SP
Sample : K3195-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LF014MW080-190603

Quant Time: Jun 07 05:48:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
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: VN056044.D

Acq: 6 Jun 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

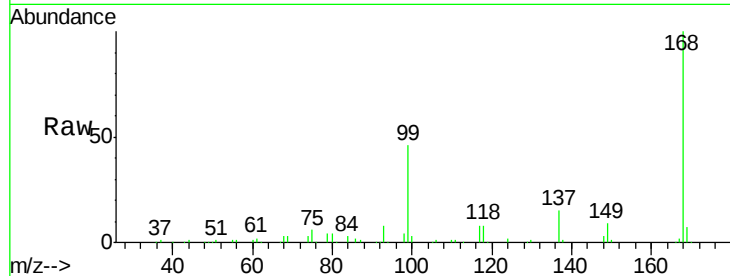
LF014MW080-190603

Tot Ion:168 Resp: 335102

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

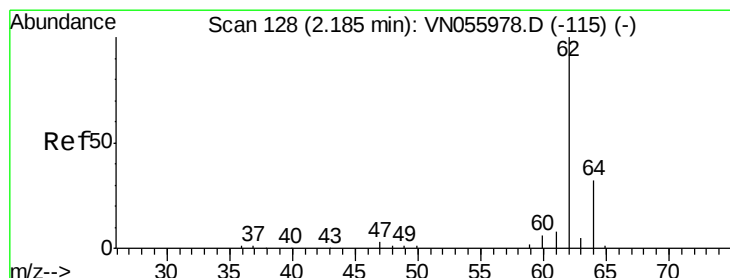
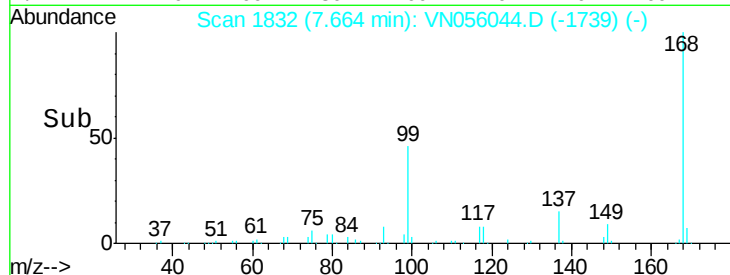
100000

50000

0

7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 0.465 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056044.D

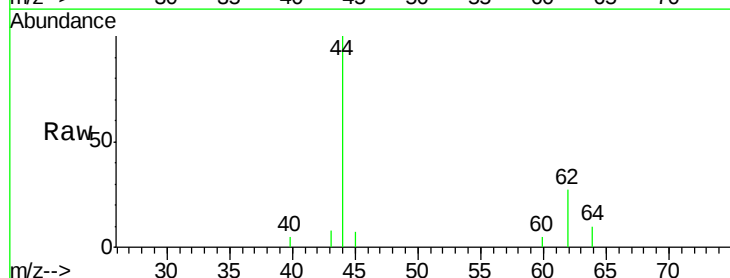
Acq: 6 Jun 2019 14:30

Tgt Ion: 62 Resp: 1696

Ion Ratio Lower Upper

62 100

64 36.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

1200

1000

800

600

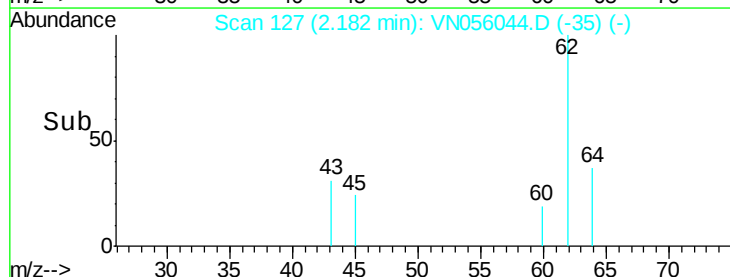
400

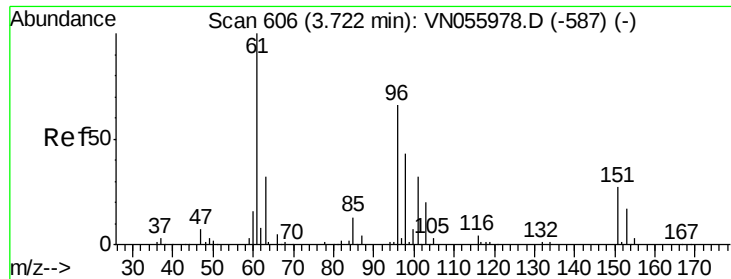
200

0

2.15 2.20

Time-->





#12

1,1-Dichloroethene

Concen: 0.528 ug/l

RT: 3.72 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN056044.D

Acq: 6 Jun 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

LF014MW080-190603

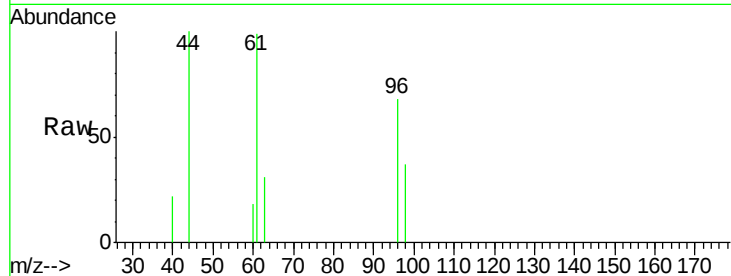
Tot Ion: 96 Resp: 1484

Ion Ratio Lower Upper

96 100

61 145.1 123.2 184.8

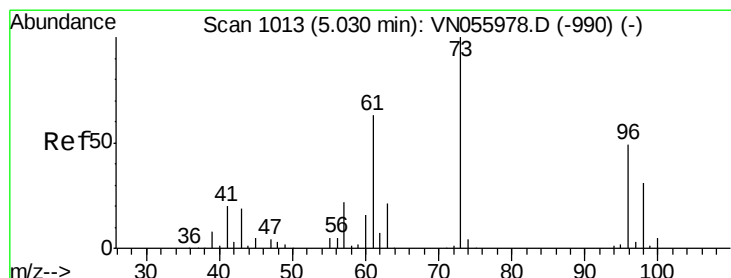
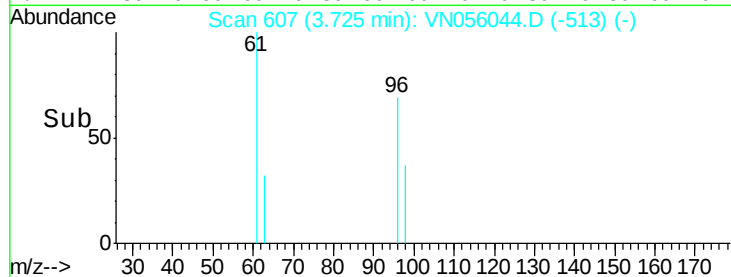
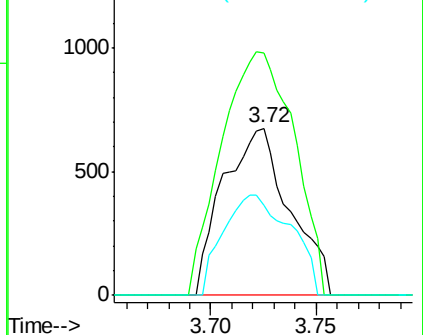
98 53.6 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#21

trans-1,2-Dichloroethene

Concen: 1.208 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VN056044.D

Acq: 6 Jun 2019 14:30

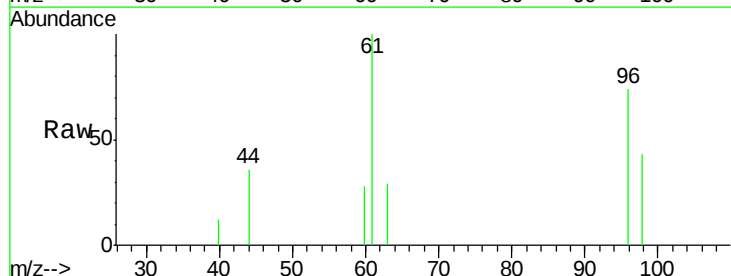
Tgt Ion: 96 Resp: 3640

Ion Ratio Lower Upper

96 100

61 134.6 107.8 161.8

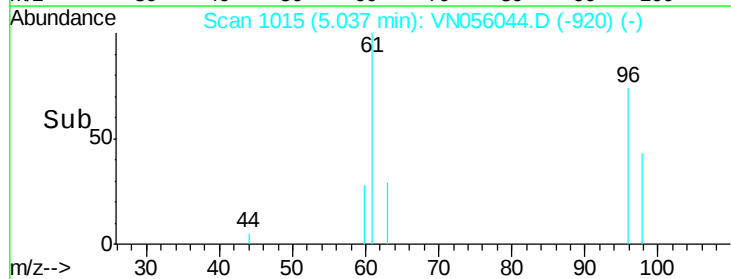
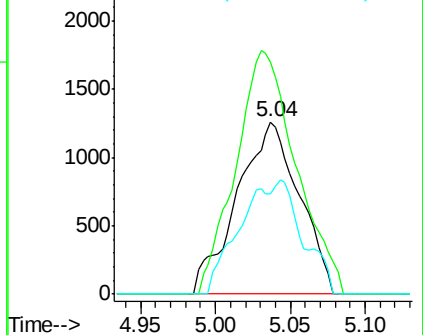
98 58.3 49.8 74.8

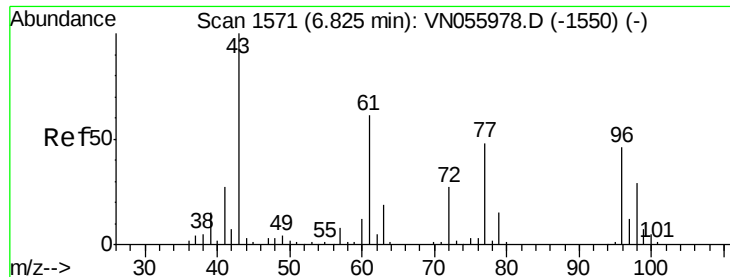


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 36.871 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056044.D

Acq: 6 Jun 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

LF014MW080-190603

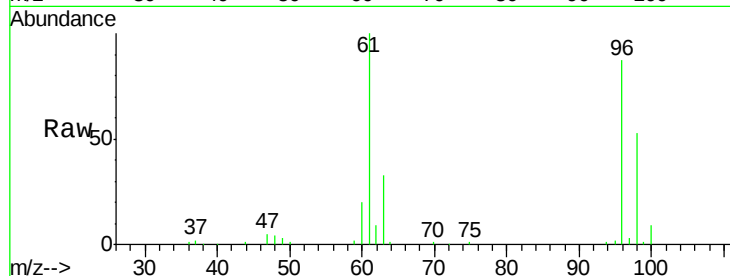
Tot Ion: 96 Resp: 130637

Ion Ratio Lower Upper

96 100

61 117.4 0.0 275.8

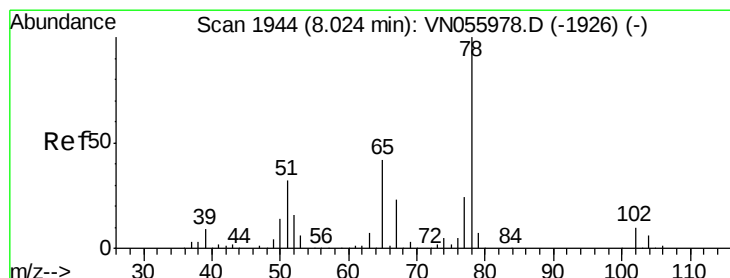
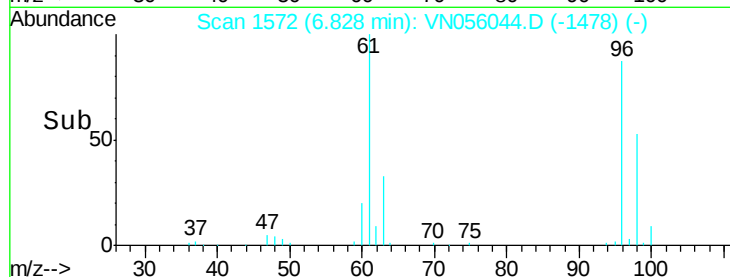
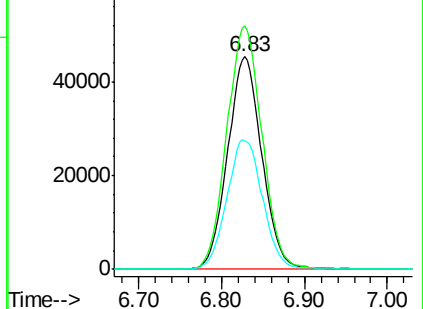
98 63.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.284 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056044.D

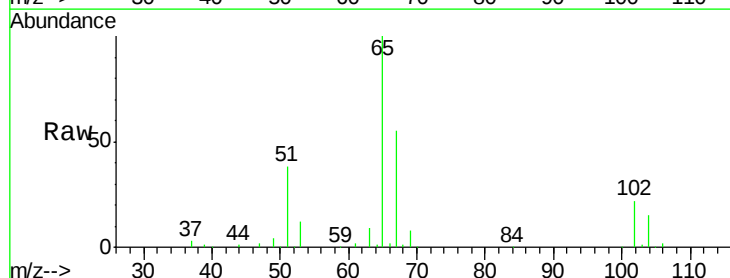
Acq: 6 Jun 2019 14:30

Tgt Ion: 65 Resp: 177290

Ion Ratio Lower Upper

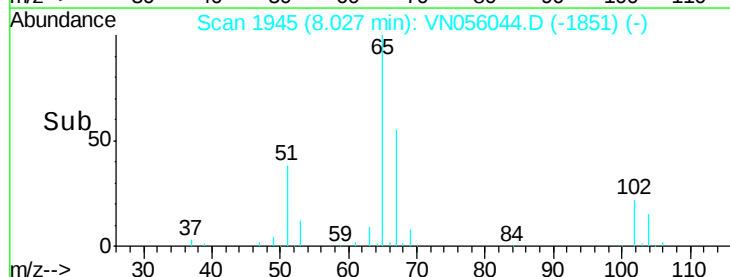
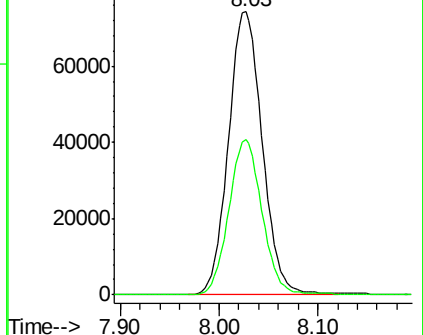
65 100

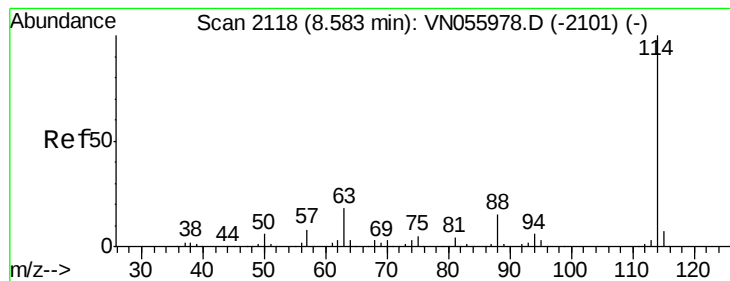
67 53.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056044.D

Acq: 6 Jun 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

LF014MW080-190603

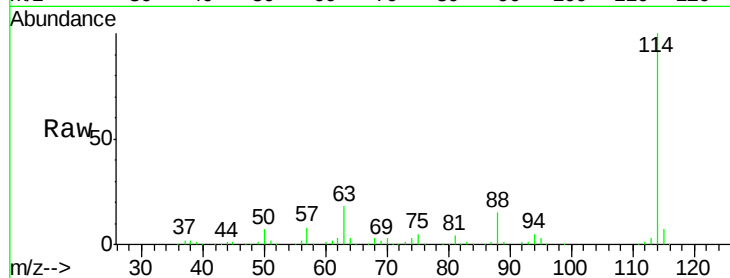
Tot Ion:114 Resp: 504056

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.2

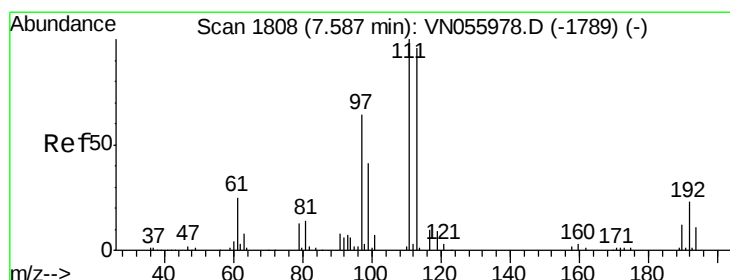
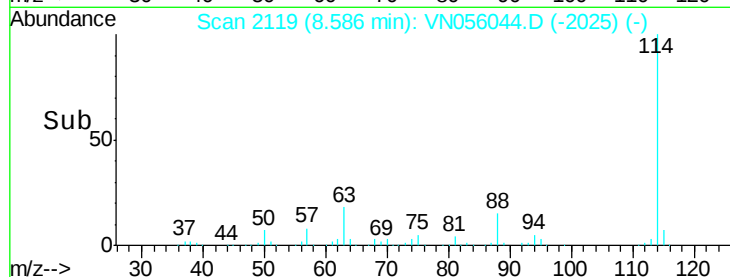
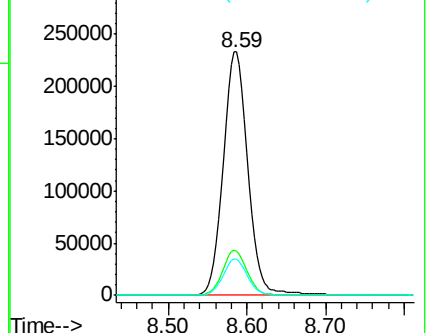
88 14.7 0.0 31.0



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: 50.292 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056044.D

Acq: 6 Jun 2019 14:30

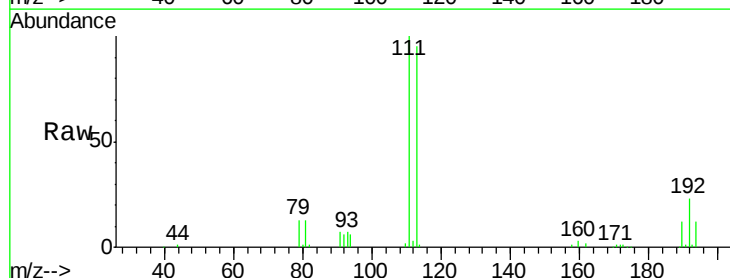
Tgt Ion:113 Resp: 155529

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

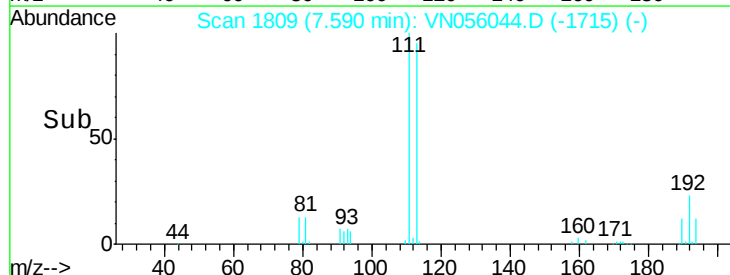
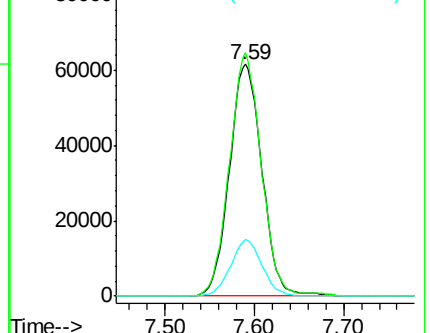
192 23.5 19.5 29.3

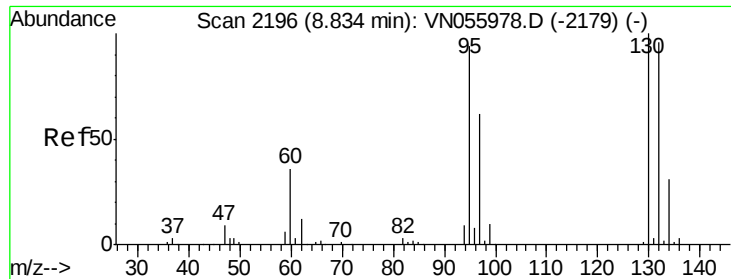


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 32.424 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056044.D

Acq: 6 Jun 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

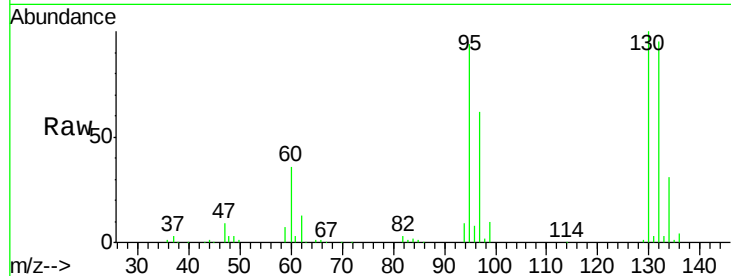
LF014MW080-190603

Tot Ion:130 Resp: 122648

Ion Ratio Lower Upper

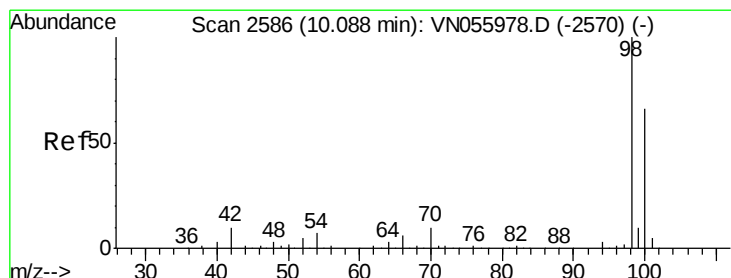
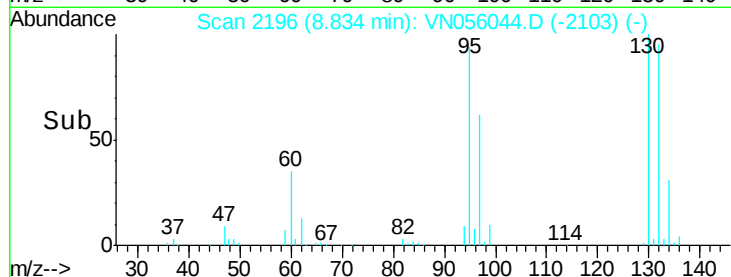
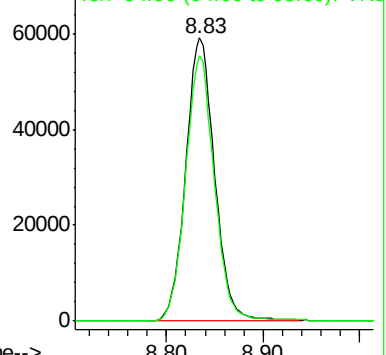
130 100

95 93.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 53.920 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056044.D

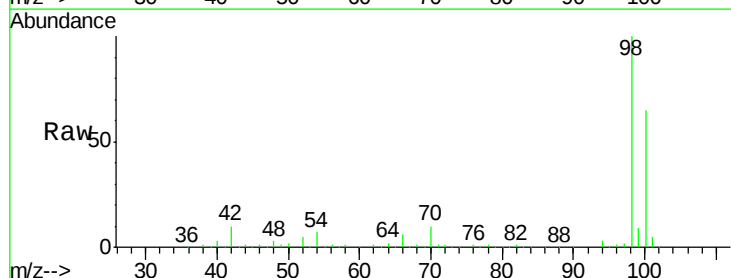
Acq: 6 Jun 2019 14:30

Tgt Ion: 98 Resp: 641656

Ion Ratio Lower Upper

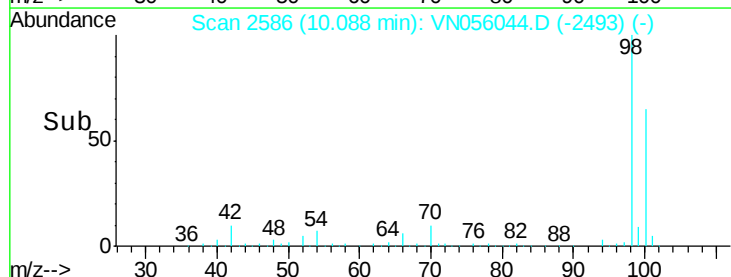
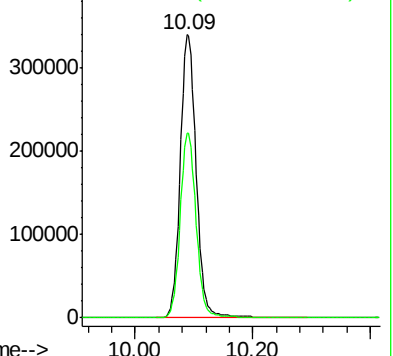
98 100

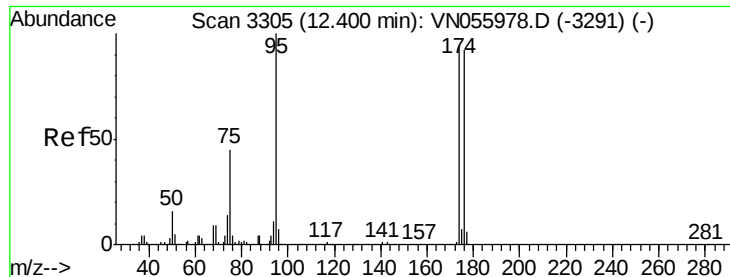
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 48.227 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056044.D

Acq: 6 Jun 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

LF014MW080-190603

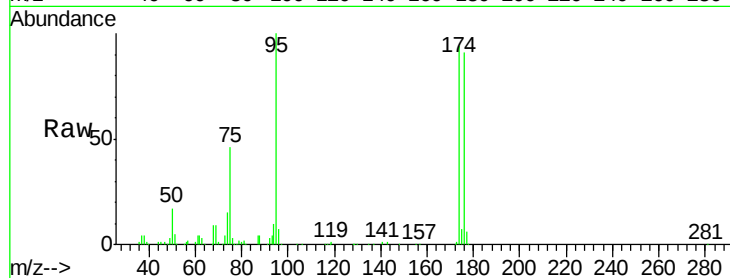
Tot Ion: 95 Resp: 195171

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

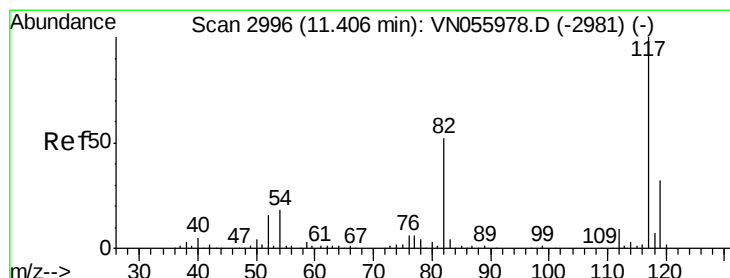
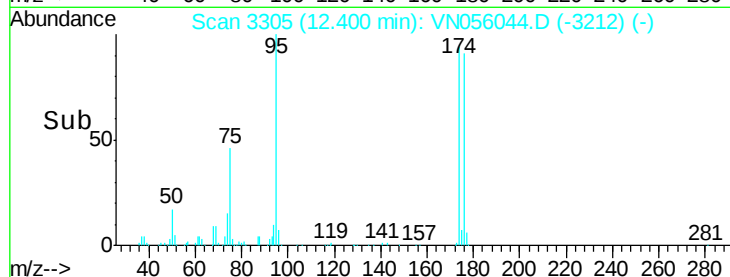
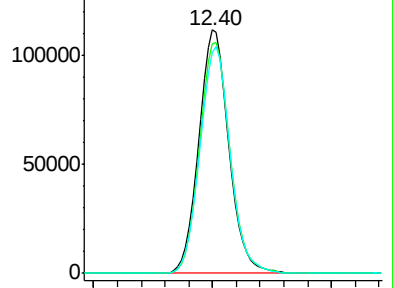
176 93.8 0.0 185.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056044.D

Acq: 6 Jun 2019 14:30

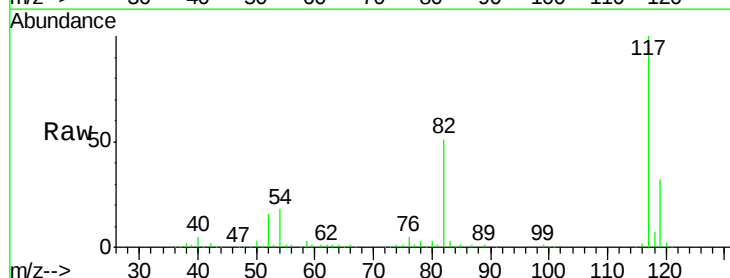
Tgt Ion: 117 Resp: 466550

Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

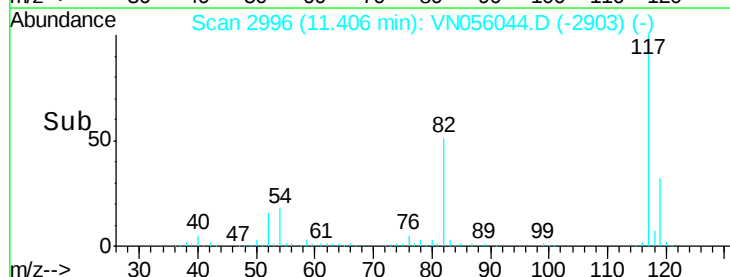
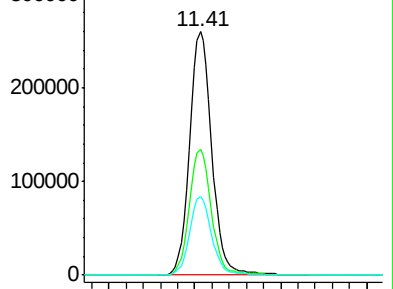
119 32.0 25.4 38.0

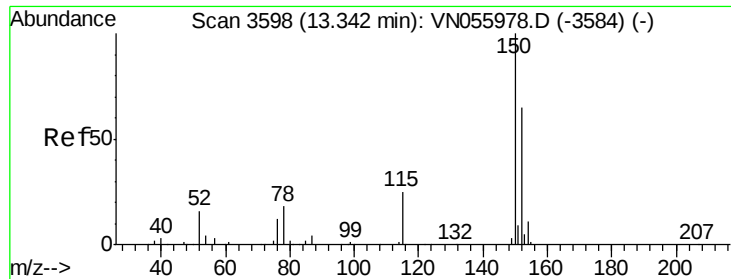


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056044.D

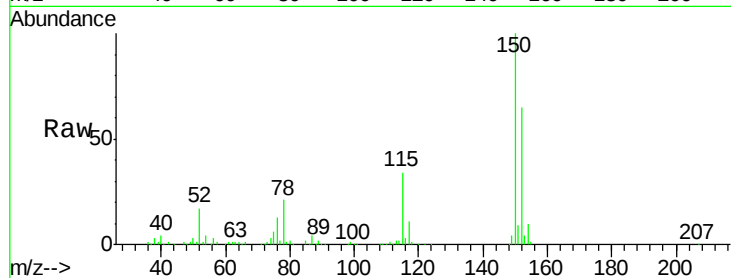
Acq: 6 Jun 2019 14:30

Instrument :

MSVOA_N

ClientSampleId :

LF014MW080-190603



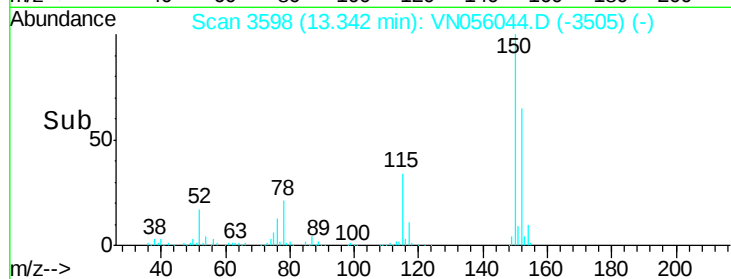
Tot Ion:152 Resp: 147817

Ion Ratio Lower Upper

152 100

115 52.2 27.0 81.0

150 156.3 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

