

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056042.D
 Acq On : 6 Jun 2019 13:40
 Operator : JC/SP
 Sample : K3195-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF014MW009-190603

Quant Time: Jun 06 19:11:11 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

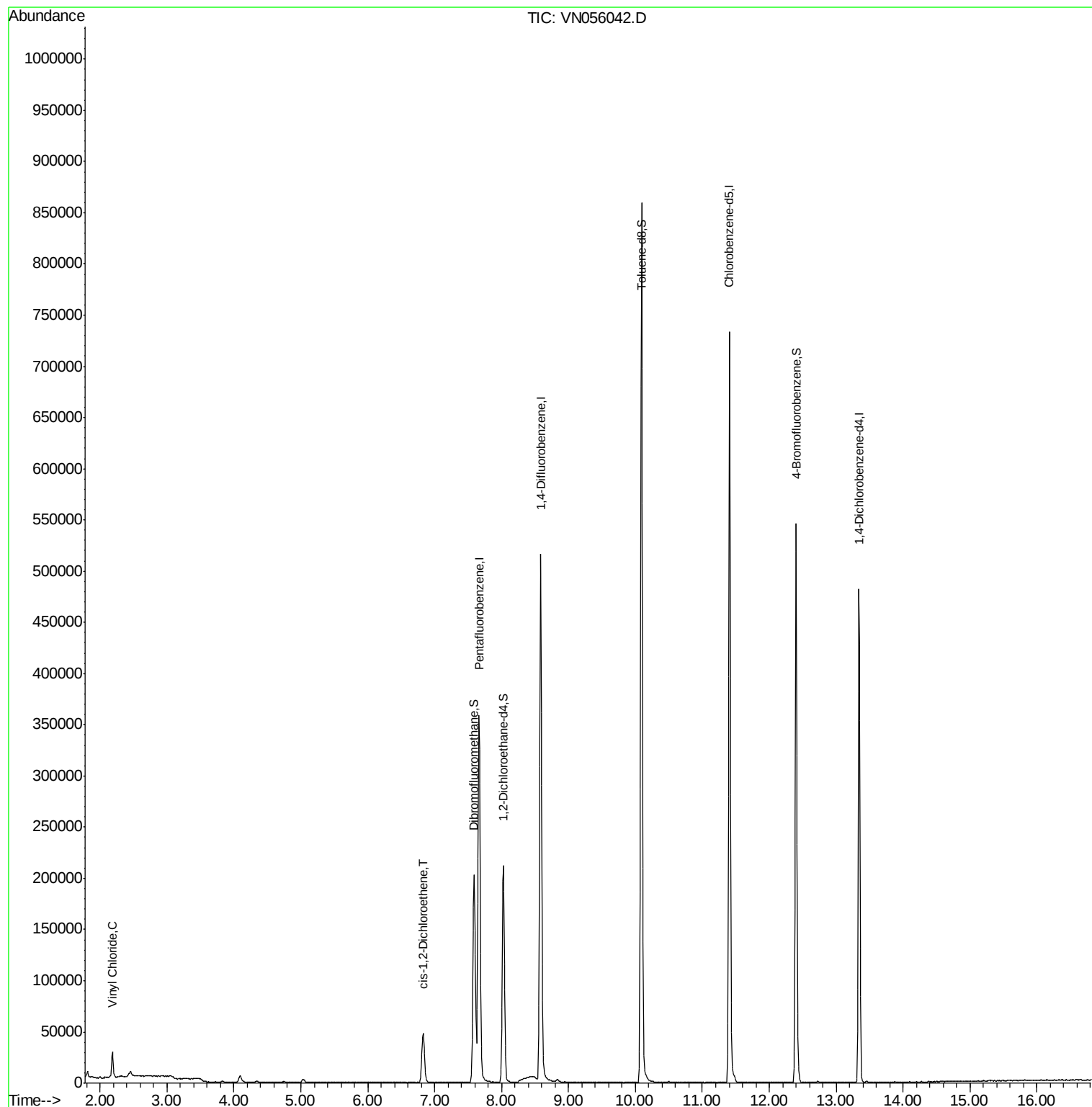
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	340215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	514352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	176813	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
35) Dibromofluoromethane	7.59	113	154857	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	10.09	98	643844	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.40	95	199681	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
Target Compounds						
4) Vinyl Chloride	2.18	62	23250	6.285	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	34377	9.557	ug/l	88

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

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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: VN056042.D

Acq: 6 Jun 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

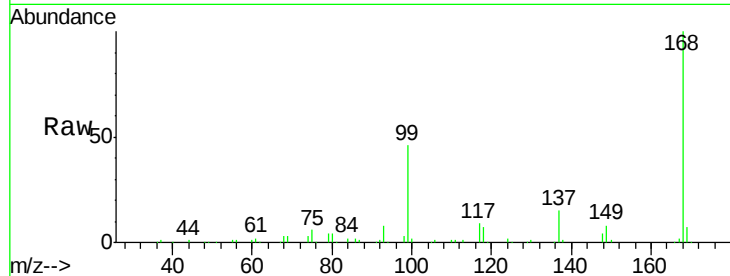
LF014MW009-190603

Tot Ion:168 Resp: 340215

Ion Ratio Lower Upper

168 100

99 46.1 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

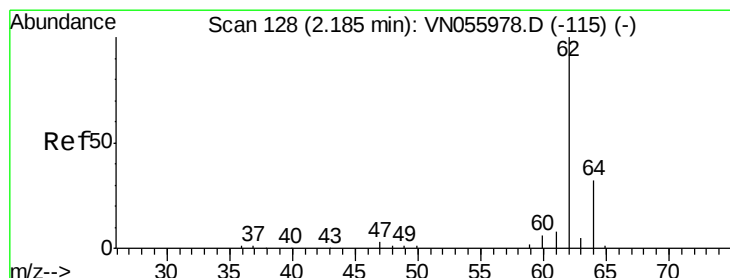
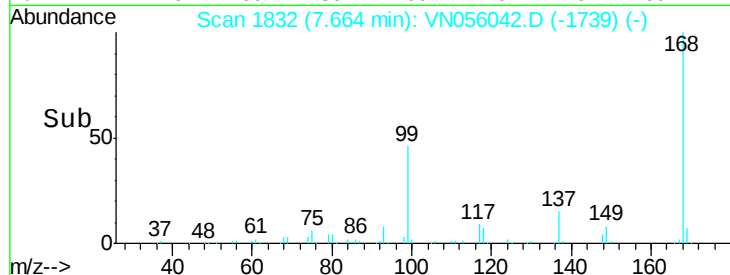
100000

50000

0

Time-->

7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 6.285 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056042.D

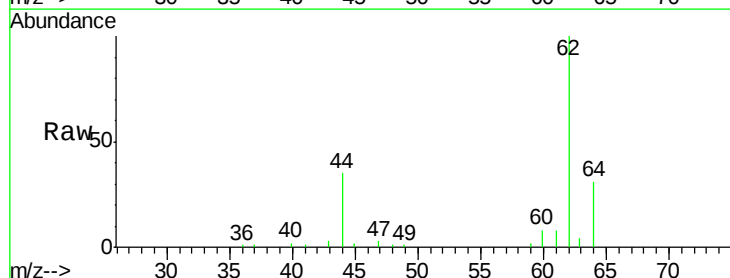
Acq: 6 Jun 2019 13:40

Tgt Ion: 62 Resp: 23250

Ion Ratio Lower Upper

62 100

64 31.3 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

15000

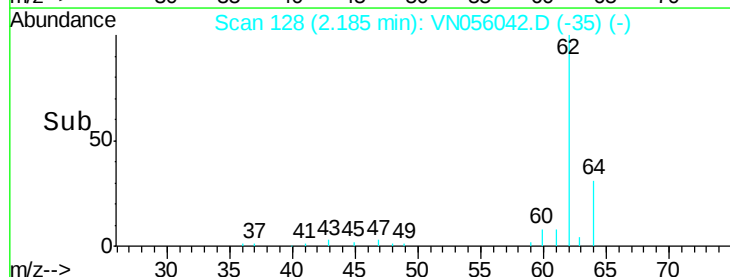
10000

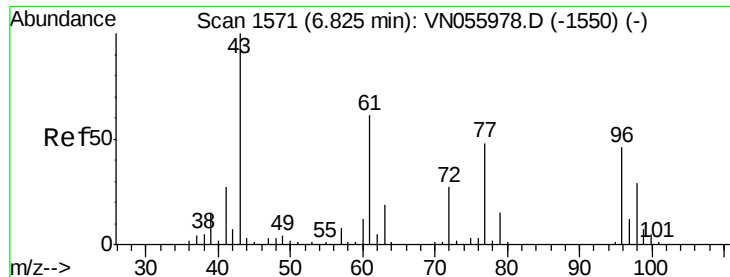
5000

0

Time-->

2.15 2.20 2.25





#27

cis-1,2-Dichloroethene

Concen: 9.557 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056042.D

Acq: 6 Jun 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

LF014MW009-190603

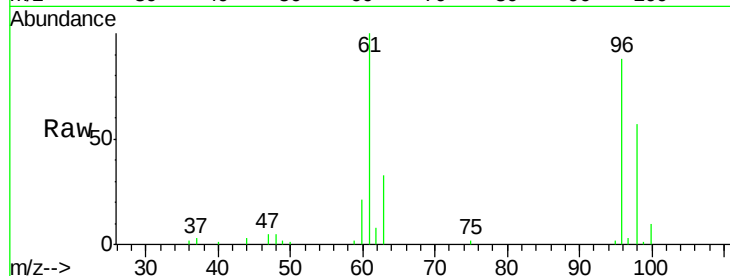
Tot Ion: 96 Resp: 34377

Ion Ratio Lower Upper

96 100

61 118.7 0.0 275.8

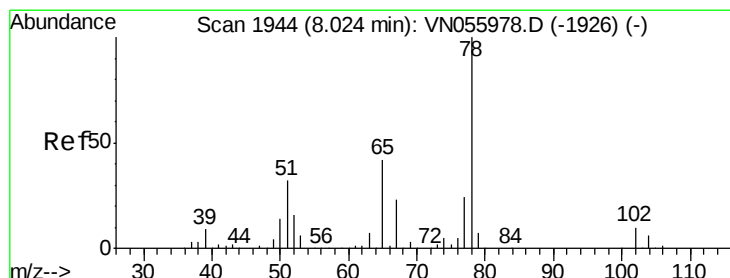
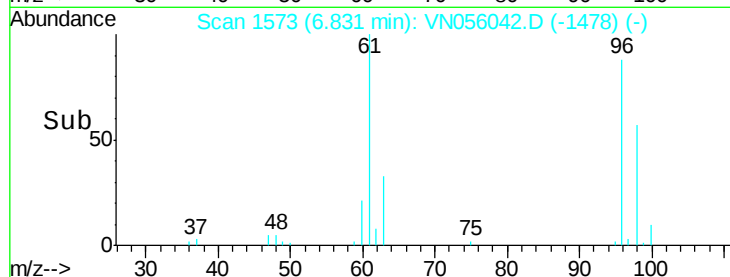
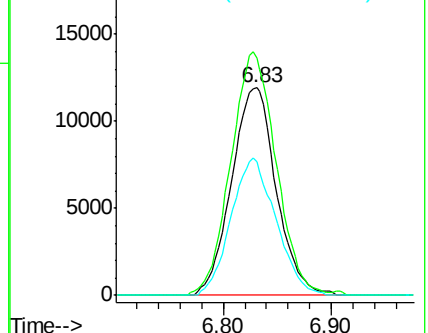
98 66.4 0.0 128.4



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: 52.342 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056042.D

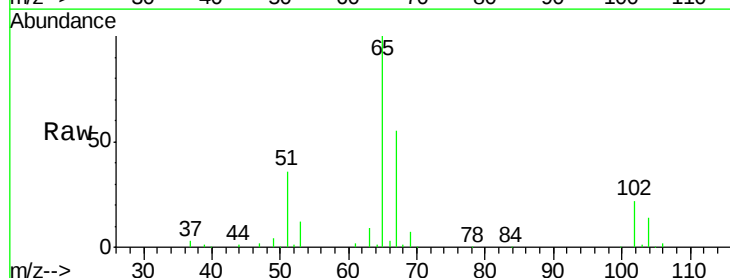
Acq: 6 Jun 2019 13:40

Tgt Ion: 65 Resp: 176813

Ion Ratio Lower Upper

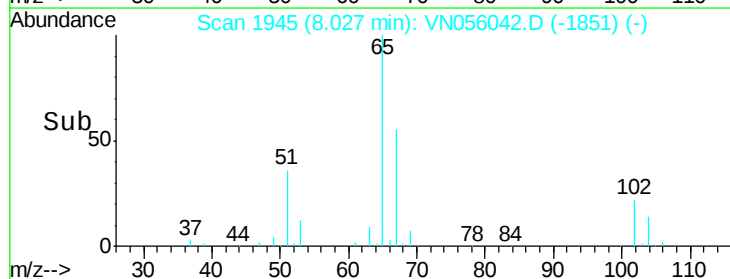
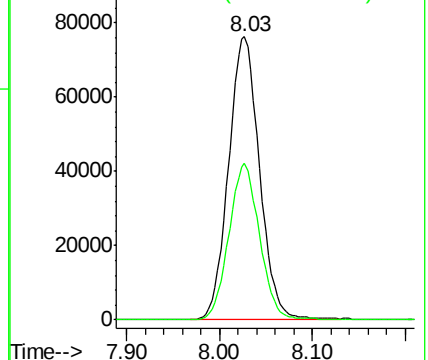
65 100

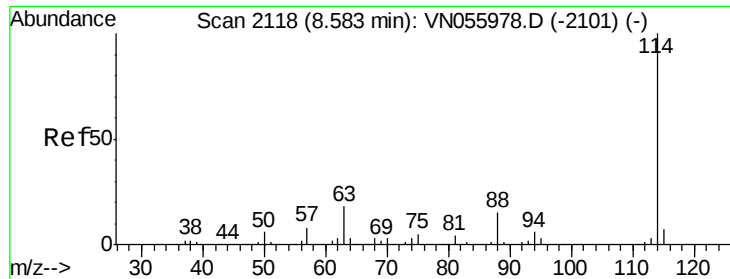
67 54.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

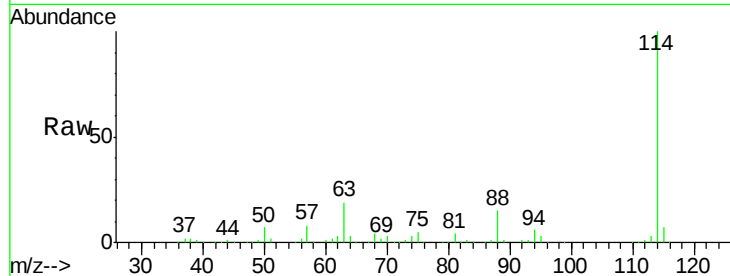




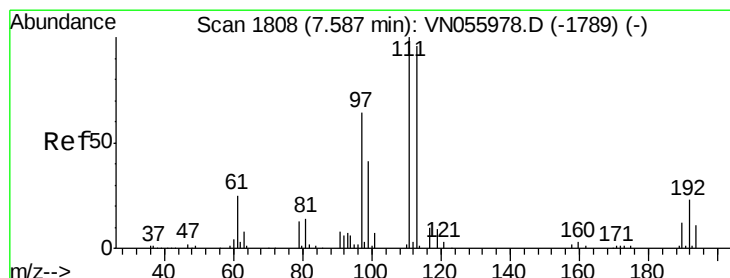
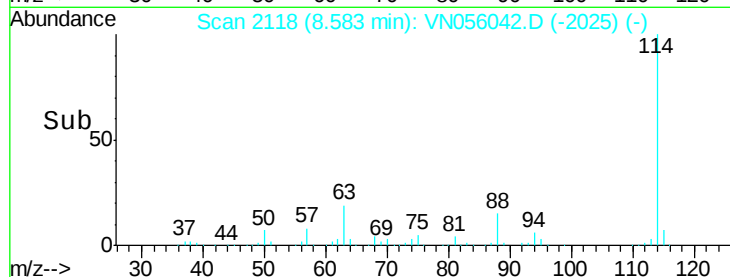
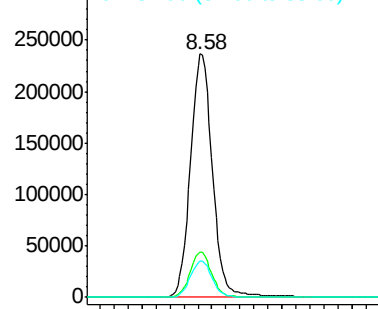
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN056042.D
Acq: 6 Jun 2019 13:40

Instrument :
MSVOA_N
ClientSampleId :
LF014MW009-190603

Tot Ion:114 Resp: 514352
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.2
88 15.0 0.0 31.0

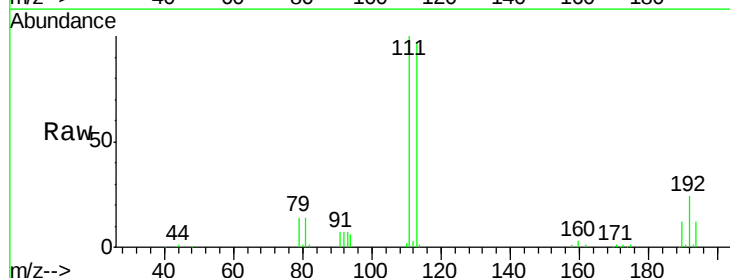


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

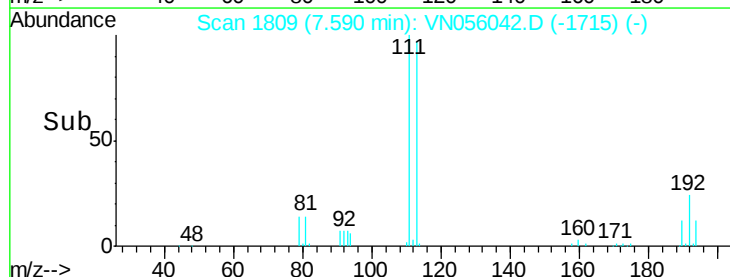
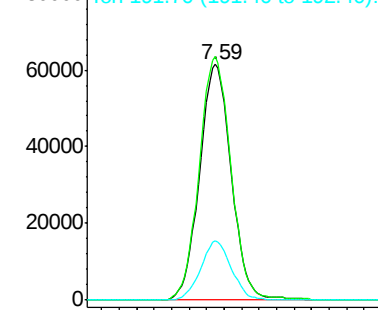


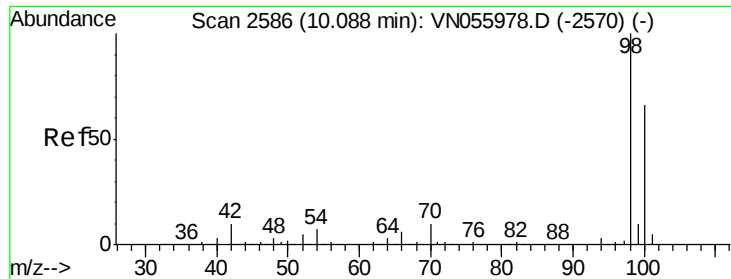
#35
Dibromofluoromethane
Concen: 49.072 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056042.D
Acq: 6 Jun 2019 13:40

Tgt Ion:113 Resp: 154857
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 24.1 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: 53.021 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056042.D

Acq: 6 Jun 2019 13:40

Instrument :

MSVOA_N

ClientSampleId :

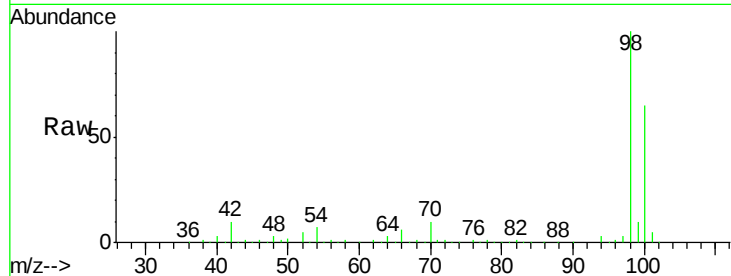
LF014MW009-190603

Tot Ion: 98 Resp: 643844

Ion Ratio Lower Upper

98 100

100 64.8 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

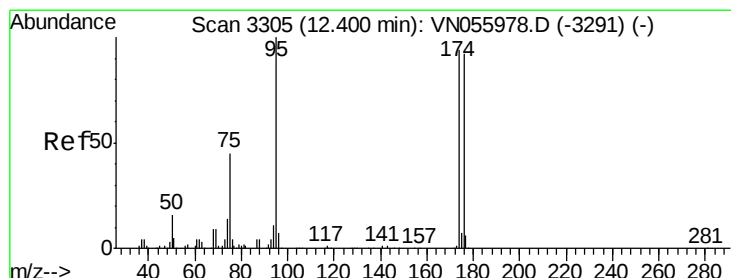
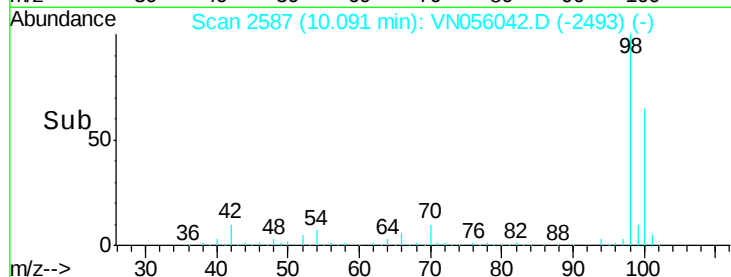
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.353 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056042.D

Acq: 6 Jun 2019 13:40

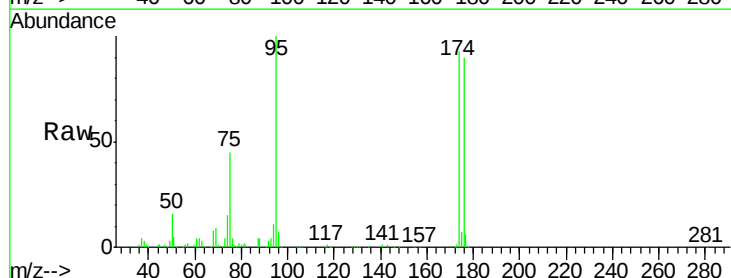
Tgt Ion: 95 Resp: 199681

Ion Ratio Lower Upper

95 100

174 94.1 0.0 191.0

176 90.7 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

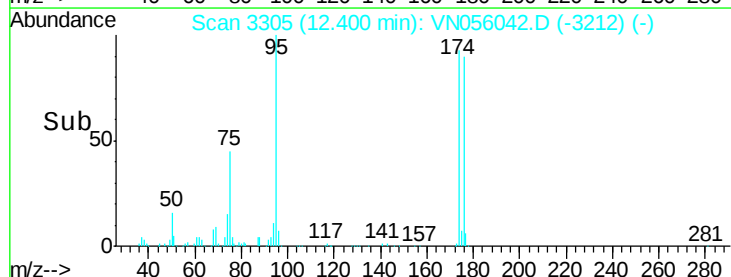
150000

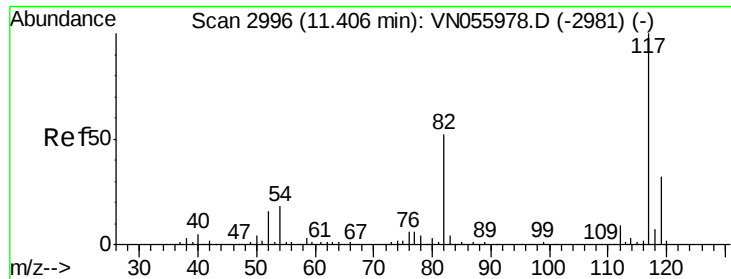
100000

50000

0

Time-->

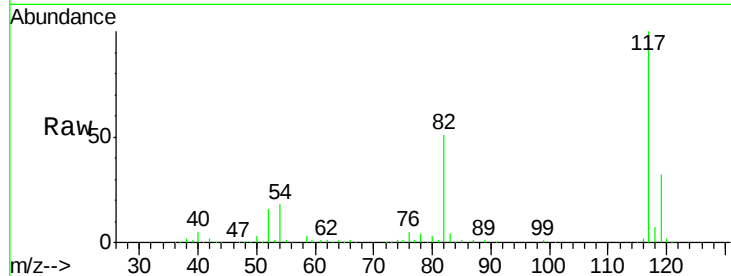




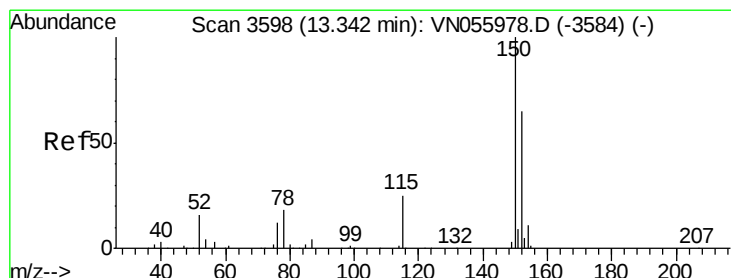
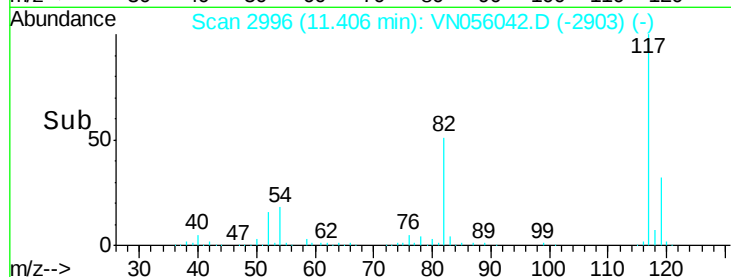
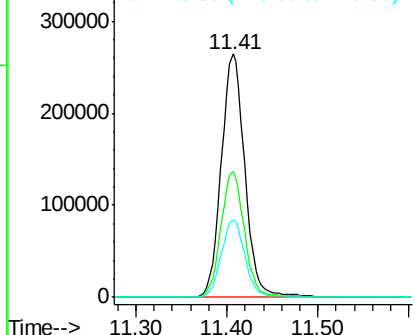
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056042.D
Acq: 6 Jun 2019 13:40

Instrument :
MSVOA_N
ClientSampleId :
LF014MW009-190603

Tot Ion:117 Resp: 475973
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 31.9 25.4 38.0

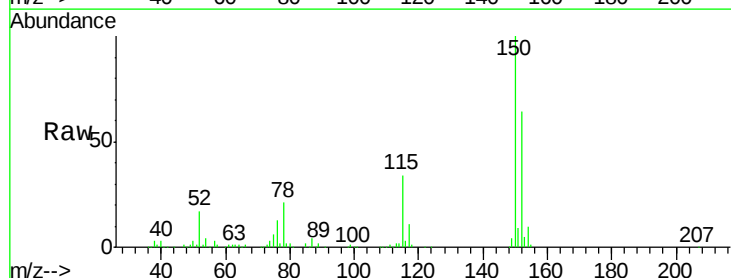


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056042.D
Acq: 6 Jun 2019 13:40

Tgt Ion:152 Resp: 147221
Ion Ratio Lower Upper
152 100
115 53.7 27.0 81.0
150 157.5 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

