

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056074.D
 Acq On : 7 Jun 2019 3:54
 Operator : JC/SP
 Sample : K3203-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015RW009-190604

Quant Time: Jun 07 07:13:43 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

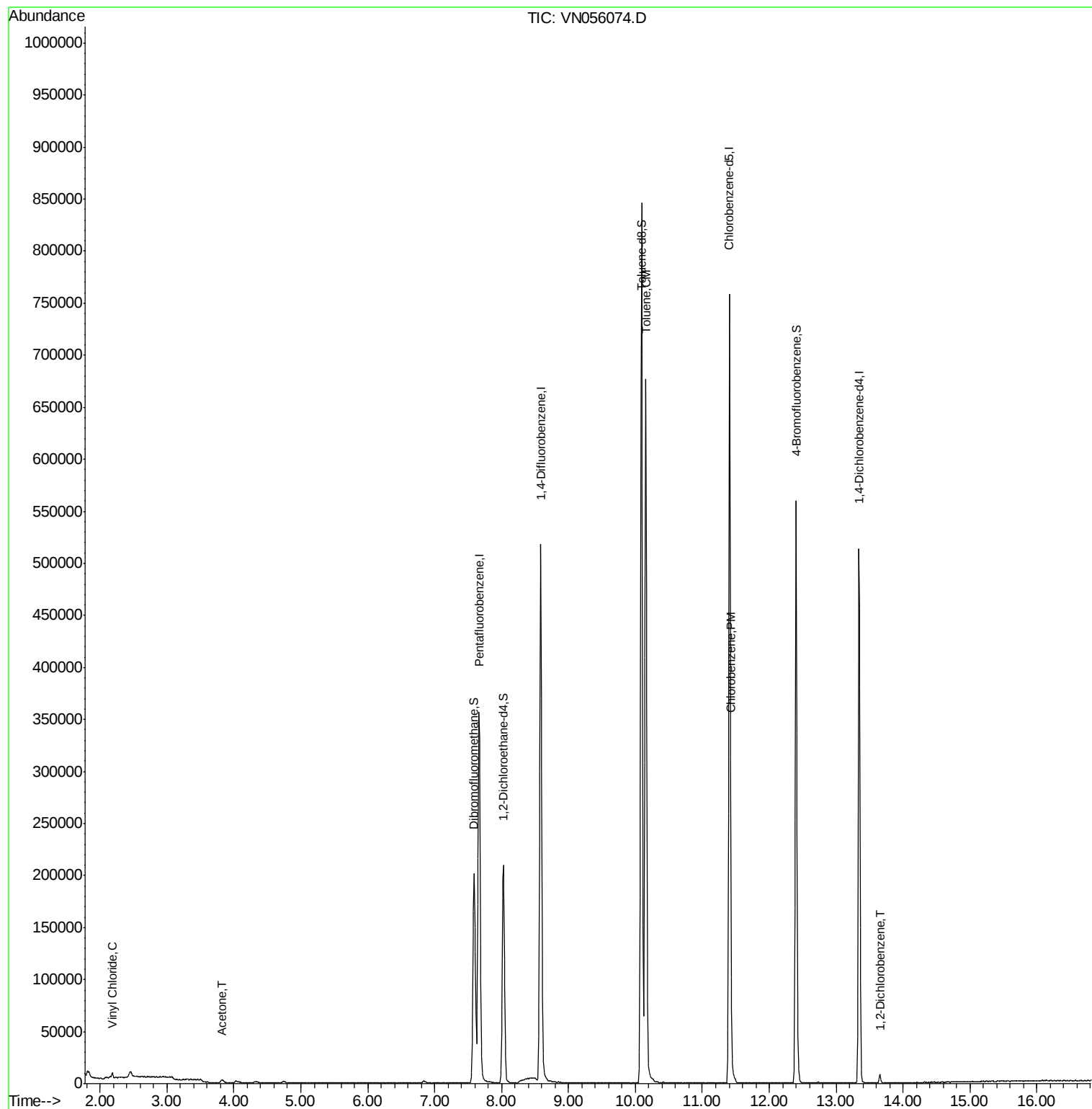
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	341300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	513504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	484270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	177520	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
35) Dibromofluoromethane	7.59	113	153306	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	10.09	98	641813	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.40	95	202127	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
Target Compounds						
4) Vinyl Chloride	2.18	62	4528	1.220	ug/l	98
16) Acetone	3.82	43	5476	3.379	ug/l	94
52) Toluene	10.16	92	315489	37.806	ug/l	99
65) Chlorobenzene	11.43	112	10524	1.092	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	4380	0.835	ug/l	98

(#) = 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: VN056074.D

Acq: 7 Jun 2019 3:54

Instrument :

MSVOA_N

ClientSampleId :

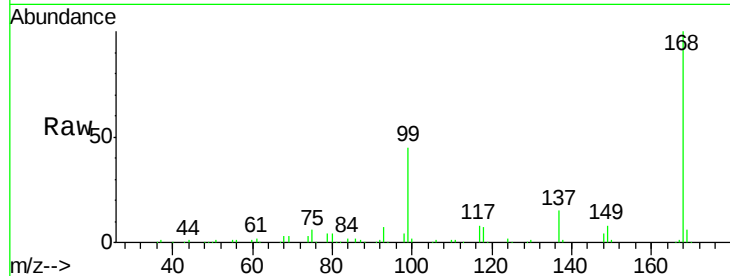
LF015RW009-190604

Tot Ion:168 Resp: 341300

Ion Ratio Lower Upper

168 100

99 44.8 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

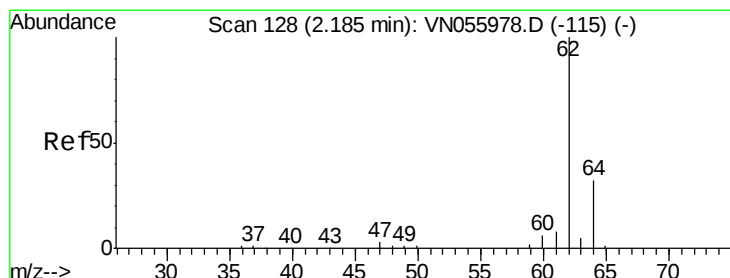
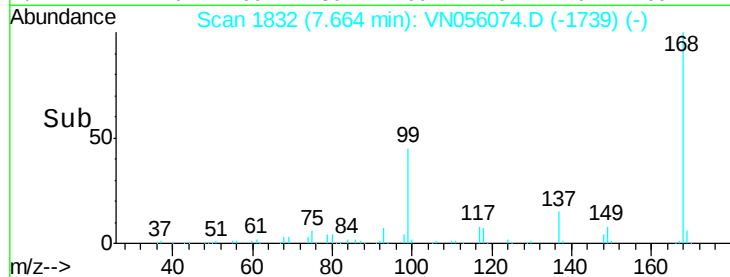
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 1.220 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056074.D

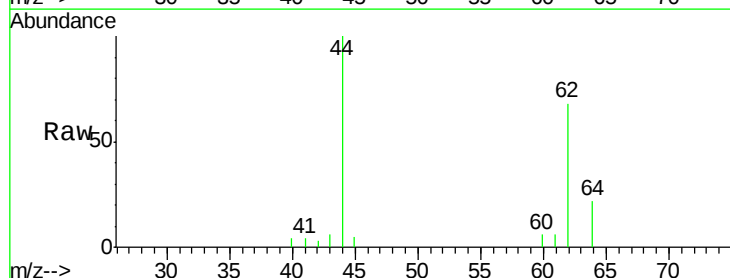
Acq: 7 Jun 2019 3:54

Tgt Ion: 62 Resp: 4528

Ion Ratio Lower Upper

62 100

64 33.1 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

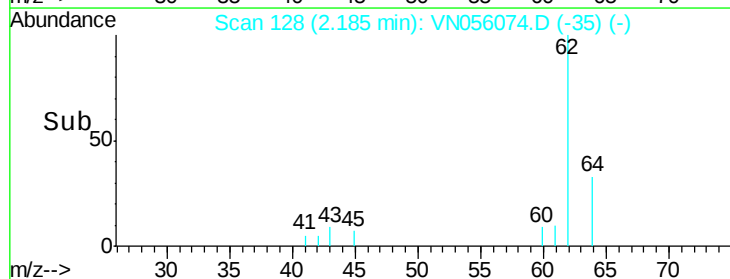
3000

2000

1000

0

Time-->





#16

Acetone

Concen: 3.379 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056074.D

Acq: 7 Jun 2019 3:54

Instrument :

MSVOA_N

ClientSampleId :

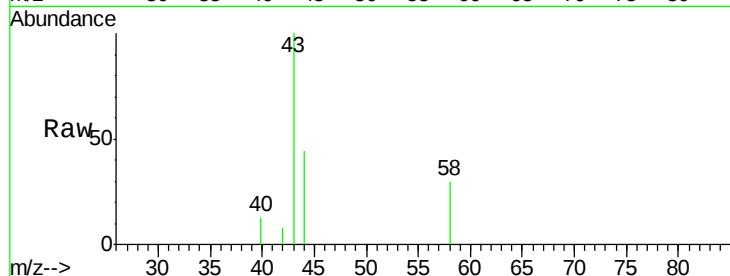
LF015RW009-190604

Tot Ion: 43 Resp: 5476

Ion Ratio Lower Upper

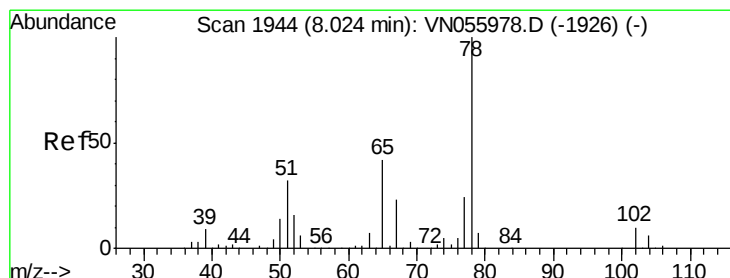
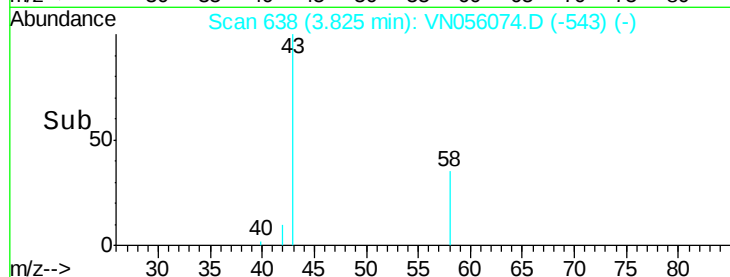
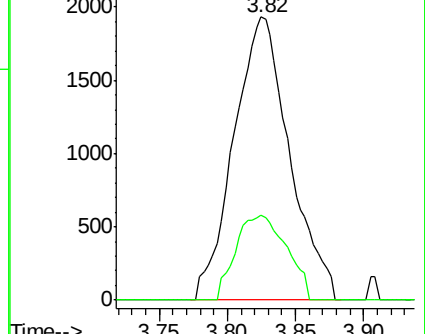
43 100

58 29.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.384 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056074.D

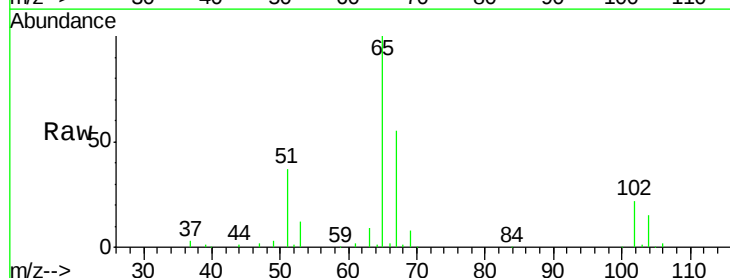
Acq: 7 Jun 2019 3:54

Tgt Ion: 65 Resp: 177520

Ion Ratio Lower Upper

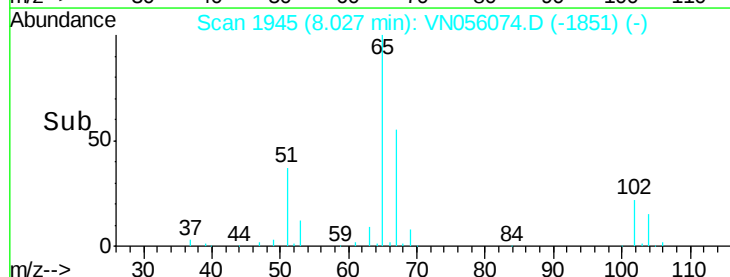
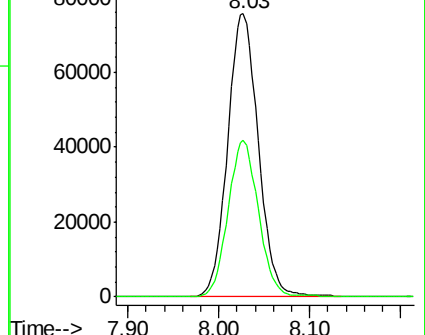
65 100

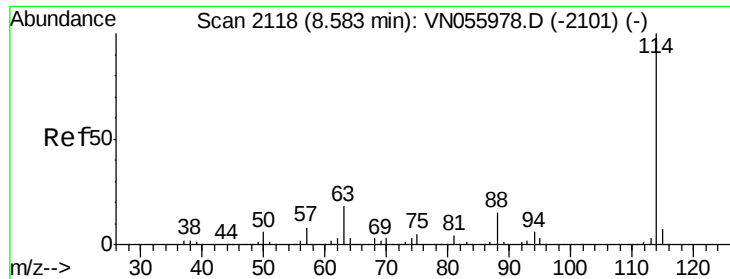
67 54.9 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

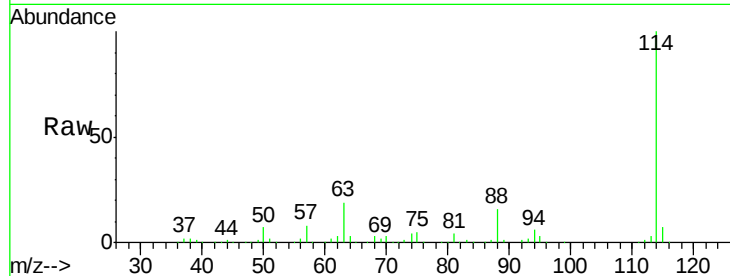




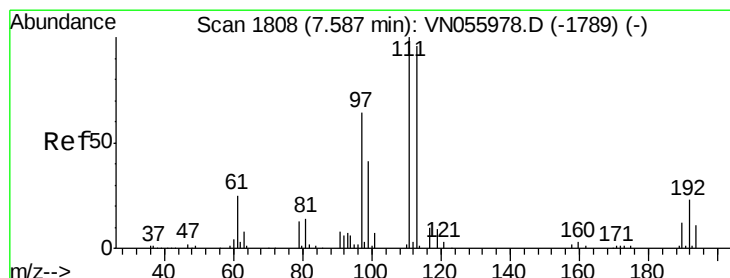
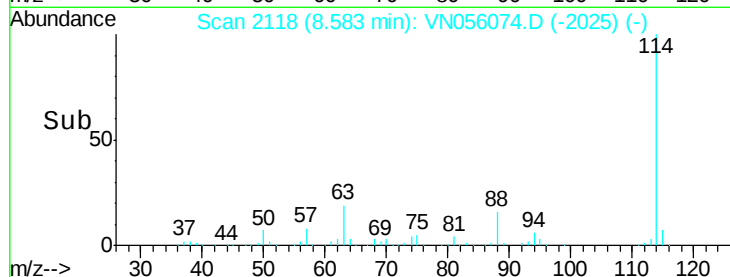
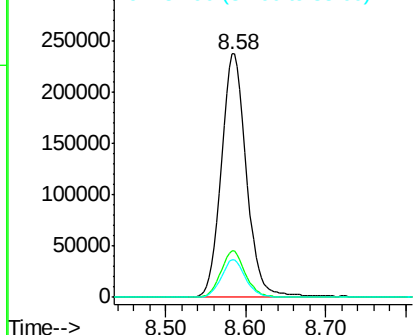
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

Instrument :
MSVOA_N
ClientSampleId :
LF015RW009-190604

Tot Ion:114 Resp: 513504
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.2
88 15.6 0.0 31.0

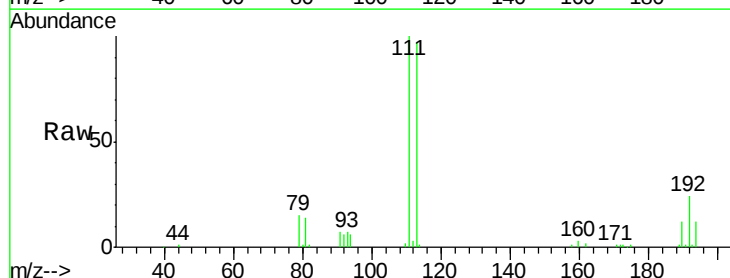


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

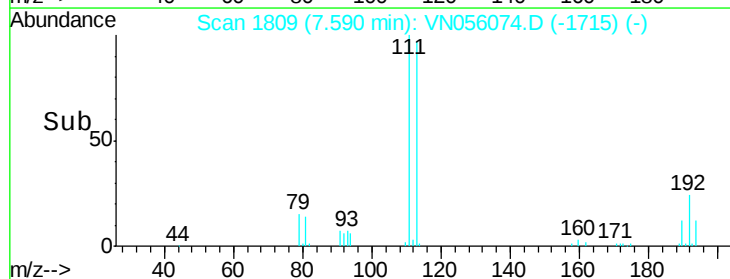
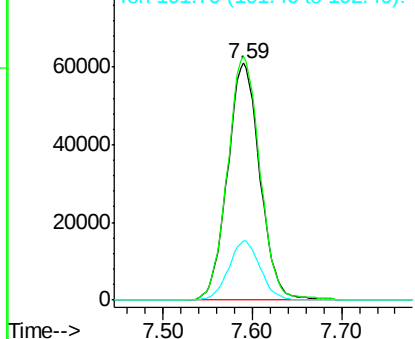


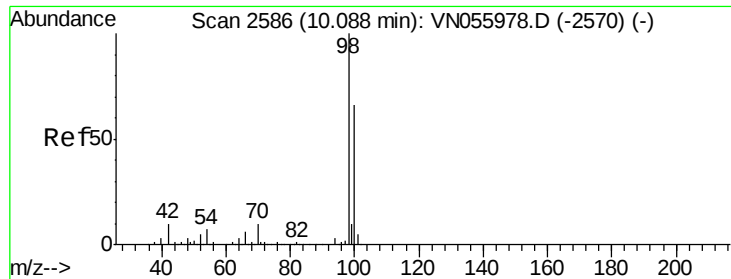
#35
Dibromofluoromethane
Concen: 48.661 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

Tgt Ion:113 Resp: 153306
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 24.3 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: 52.941 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056074.D

Acq: 7 Jun 2019 3:54

Instrument :

MSVOA_N

ClientSampleId :

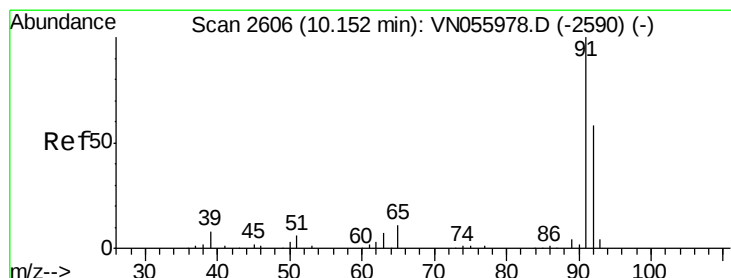
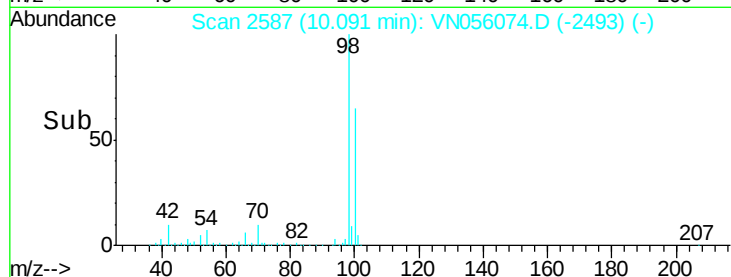
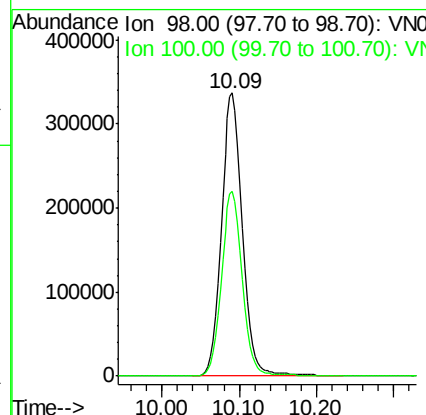
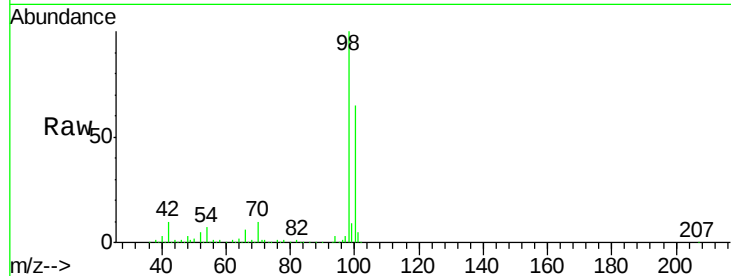
LF015RW009-190604

Tot Ion: 98 Resp: 641813

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#52

Toluene

Concen: 37.806 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056074.D

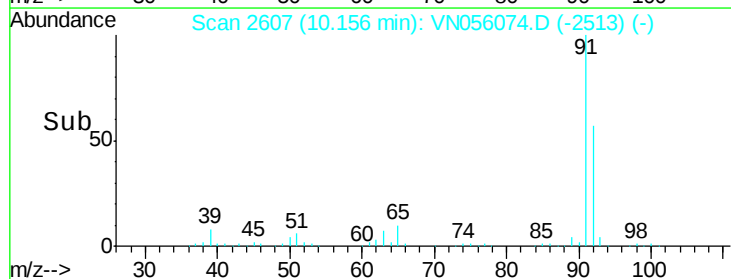
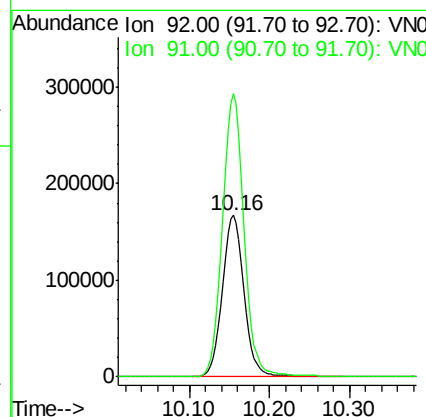
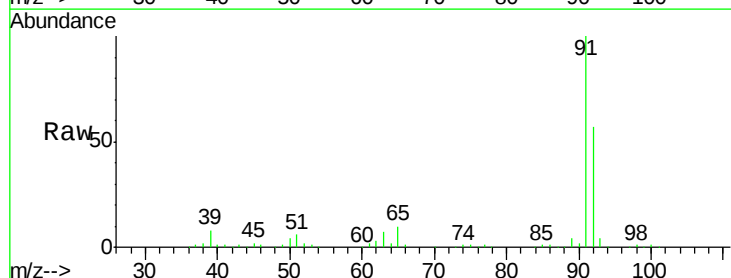
Acq: 7 Jun 2019 3:54

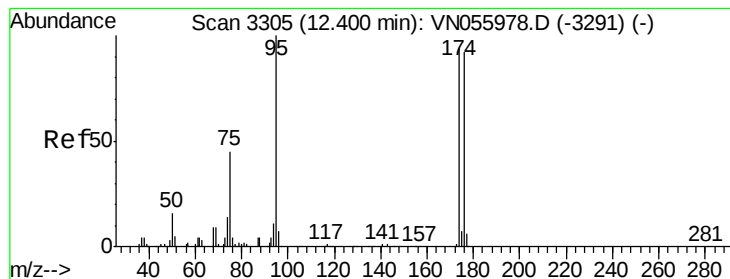
Tgt Ion: 92 Resp: 315489

Ion Ratio Lower Upper

92 100

91 175.0 139.4 209.2





#62

4-Bromofluorobenzene

Concen: 49.027 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056074.D

Acq: 7 Jun 2019 3:54

Instrument :

MSVOA_N

ClientSampleId :

LF015RW009-190604

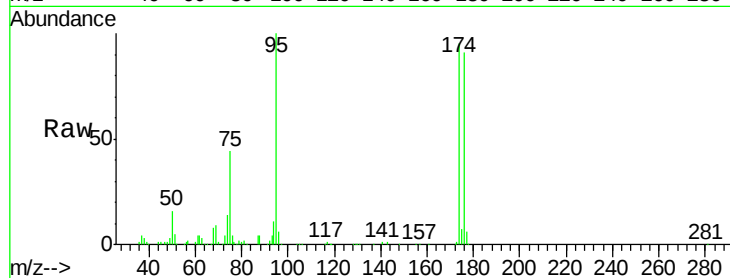
Tot Ion: 95 Resp: 202127

Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.0

176 92.9 0.0 185.2

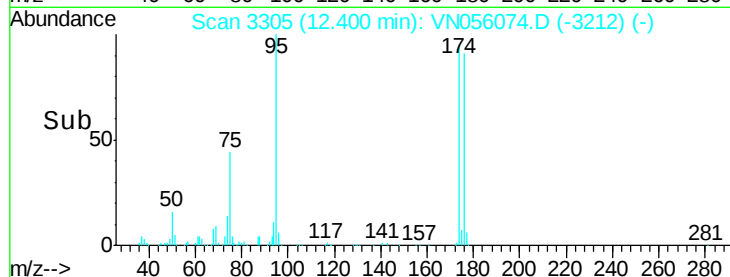


Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

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

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

Time-->

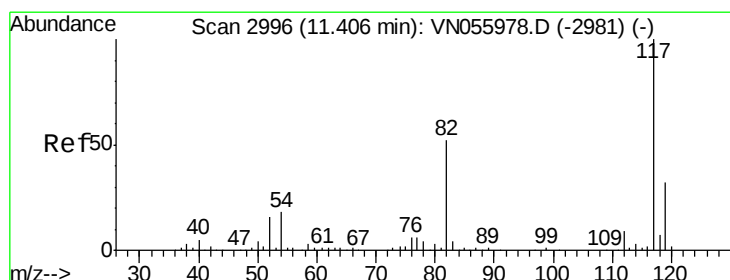


Abundance Ion 94.90 (94.60 to 95.60): VN056074.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056074.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056074.D (-3212) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056074.D

Acq: 7 Jun 2019 3:54

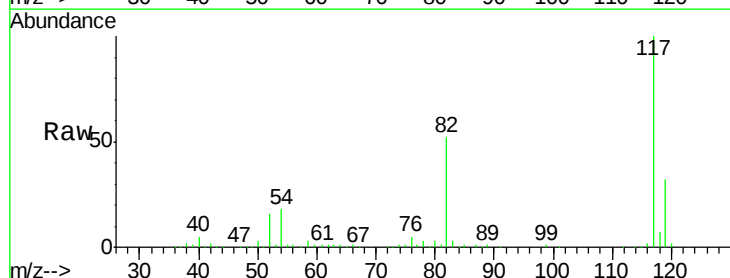
Tgt Ion: 117 Resp: 484270

Ion Ratio Lower Upper

117 100

82 51.7 41.8 62.8

119 32.0 25.4 38.0

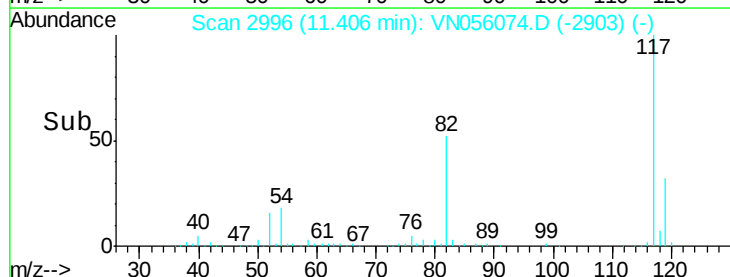


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

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

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

Time-->

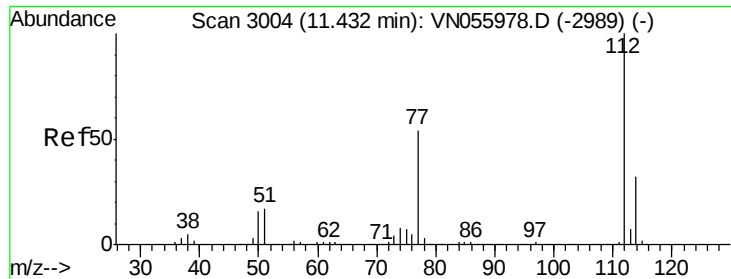


Abundance Ion 116.90 (116.60 to 117.60): VN056074.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056074.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056074.D (-2903) (-)

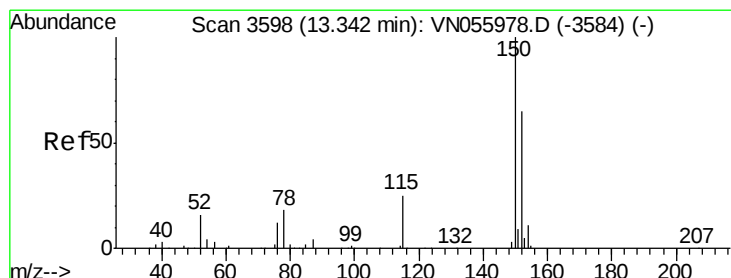
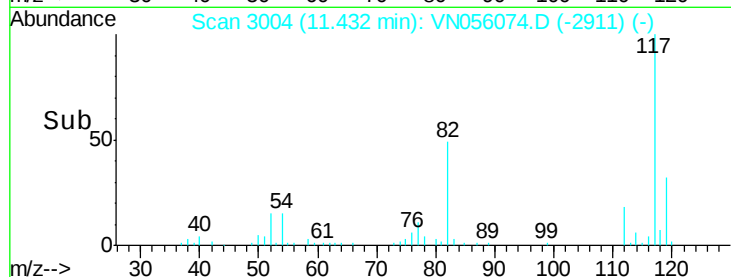
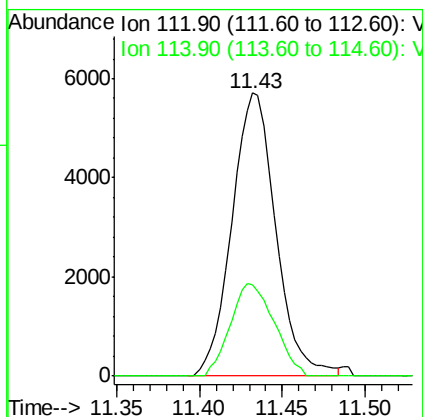
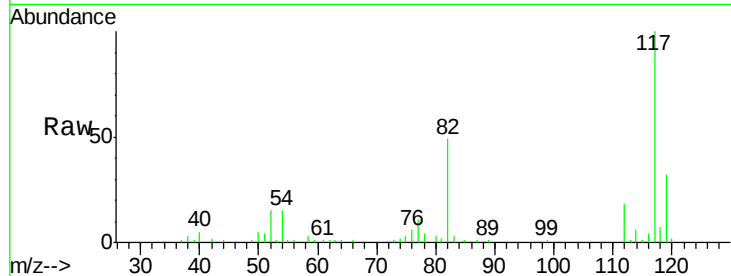
Time-->



#65
Chlorobenzene
Concen: 1.092 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

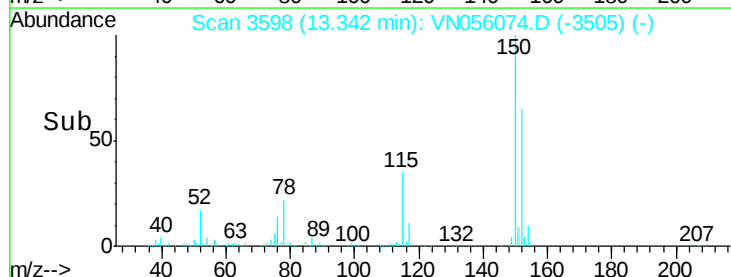
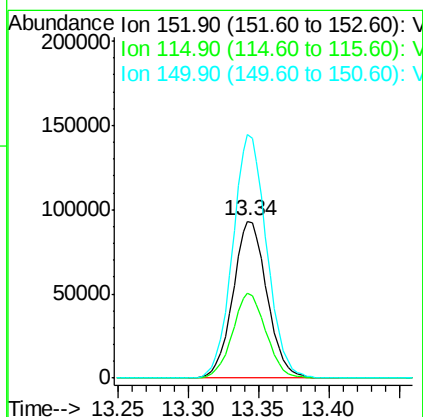
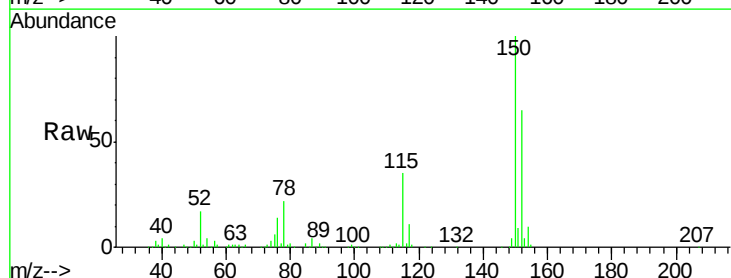
Instrument :
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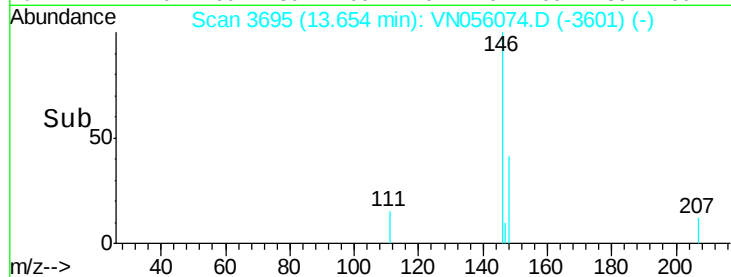
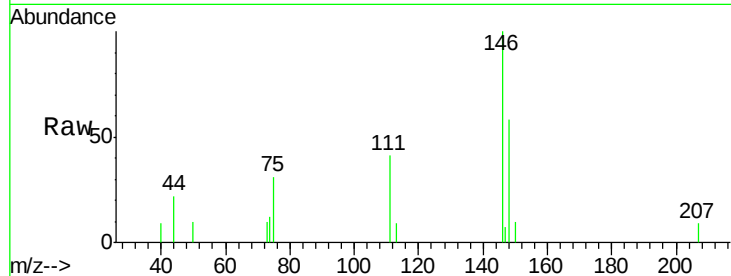
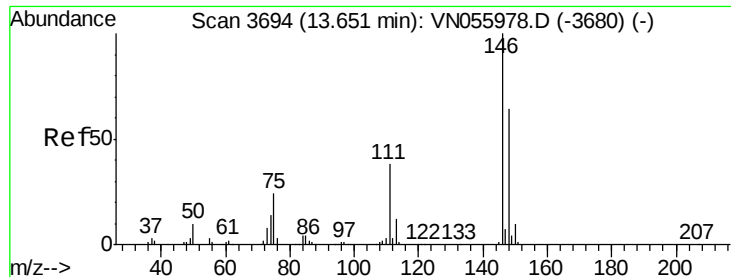
Tot Ion:112 Resp: 10524
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056074.D
Acq: 7 Jun 2019 3:54

Tgt Ion:152 Resp: 156753
Ion Ratio Lower Upper
152 100
115 53.3 27.0 81.0
150 155.7 0.0 343.2





#91

1,2-Dichlorobenzene

Concen: 0.835 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056074.D

Acq: 7 Jun 2019 3:54

Instrument :

MSVOA_N

ClientSampleId :

LF015RW009-190604

Tot Ion:146 Resp: 4380

Ion Ratio Lower Upper

146 100

111 39.6 19.1 57.5

148 62.0 31.9 95.9

Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

