

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062073.D
 Acq On : 24 Jun 2020 19:25
 Operator : JC/MD
 Sample : L3033-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF017MW005-200616

Quant Time: Jun 25 05:15:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

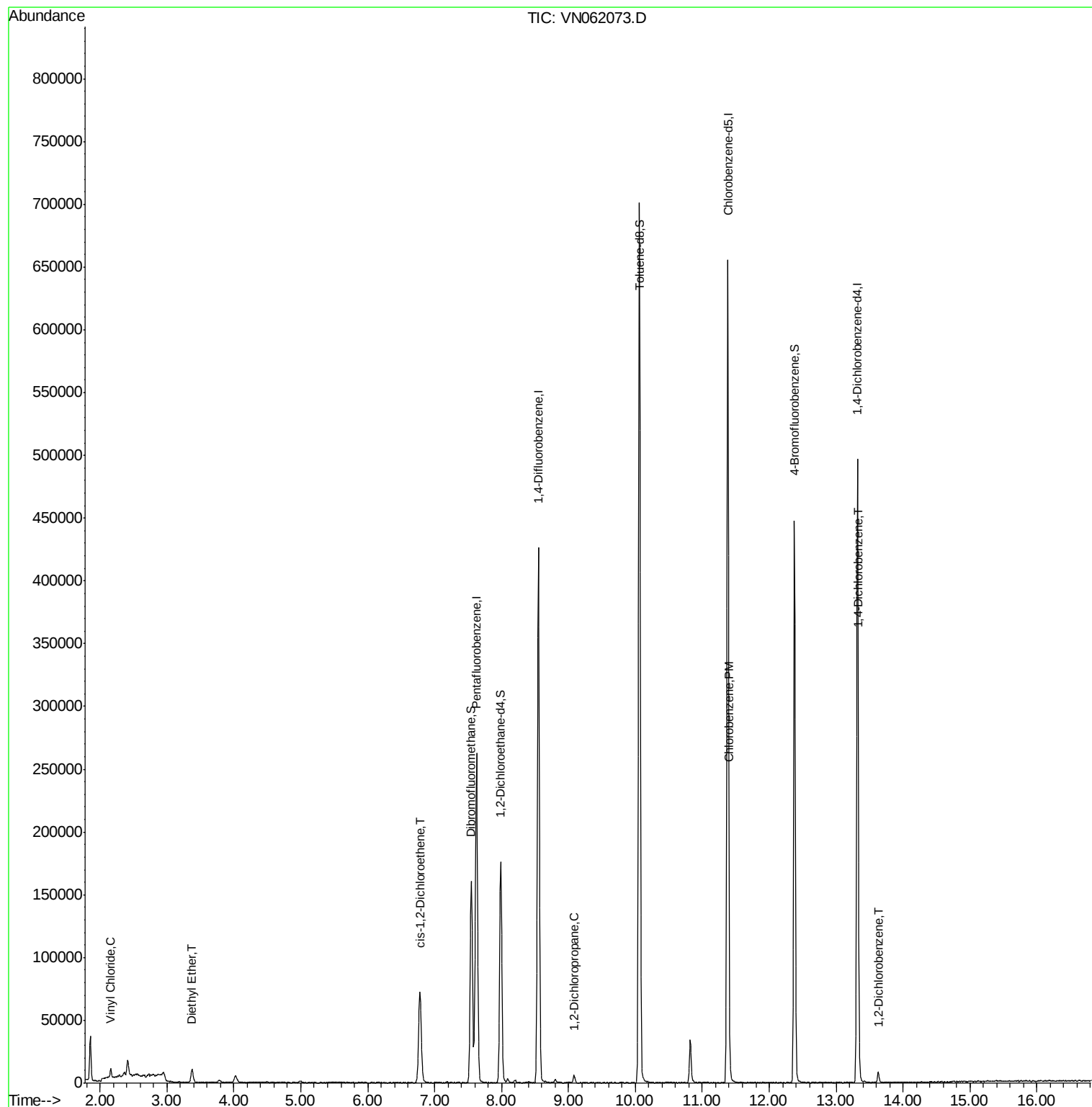
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	205146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	148480	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	7.55	113	125280	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	10.06	98	488409	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.38	95	156494	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
Target Compounds						
4) Vinyl Chloride	2.16	62	6111	1.673	ug/l	97
8) Diethyl Ether	3.38	74	5469	3.481	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	47332	15.675	ug/l	89
45) 1,2-Dichloropropane	9.08	63	2433	0.826	ug/l #	87
65) Chlorobenzene	11.41	112	5146	0.619	ug/l	91
88) 1,4-Dichlorobenzene	13.34	146	6392	1.349	ug/l #	73
91) 1,2-Dichlorobenzene	13.63	146	4309	0.967	ug/l	97

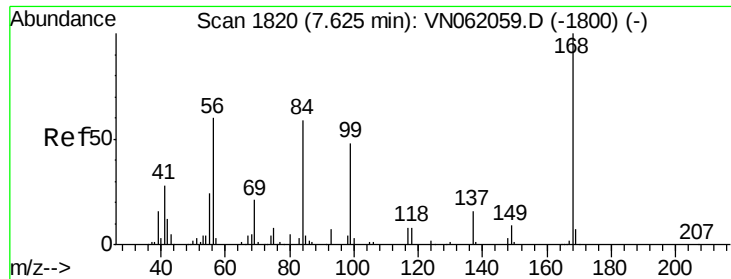
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062420\
Data File : VN062073.D
Acq On : 24 Jun 2020 19:25
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Quant Time: Jun 25 05:15:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062073.D

Acq: 24 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

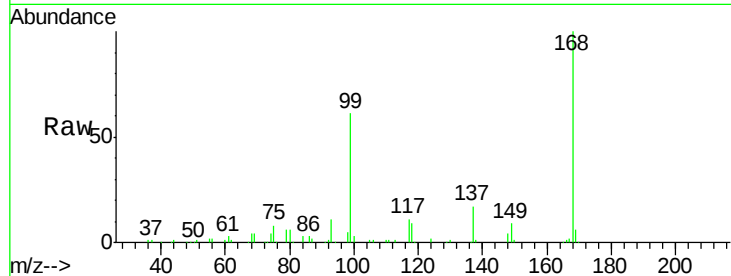
LF017MW005-200616

Tot Ion:168 Resp: 205146

Ion Ratio Lower Upper

168 100

99 61.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

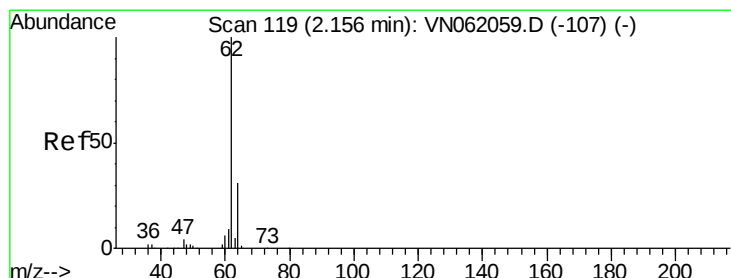
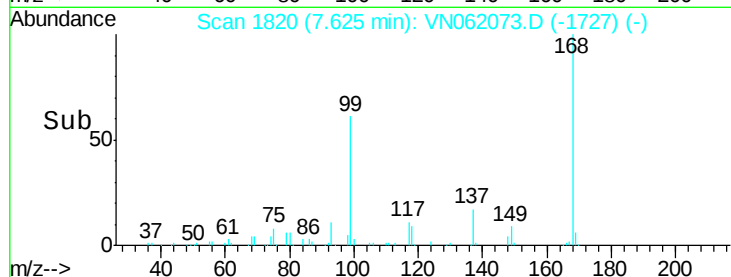
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#4

Vinyl Chloride

Concen: 1.673 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062073.D

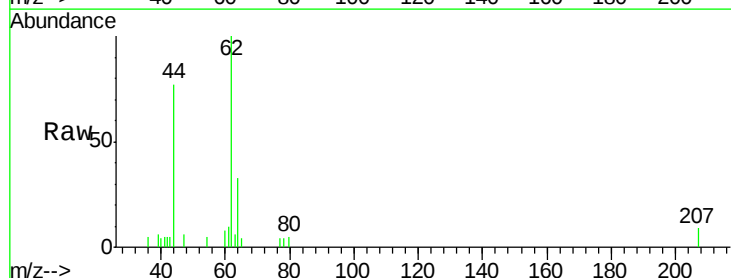
Acq: 24 Jun 2020 19:25

Tgt Ion: 62 Resp: 6111

Ion Ratio Lower Upper

62 100

64 33.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

4000

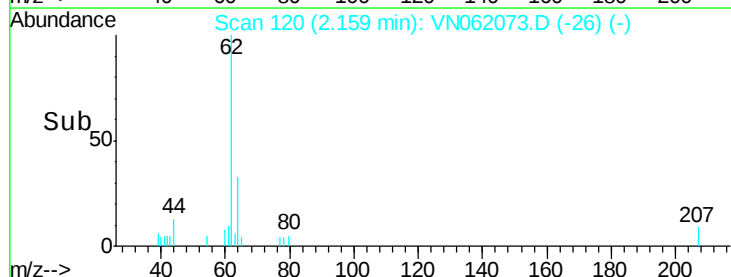
3000

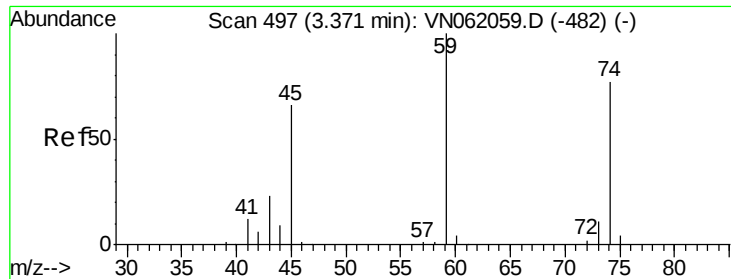
2000

1000

0

Time--> 2.10 2.15 2.20





#8

Diethyl Ether

Concen: 3.481 ug/l

RT: 3.38 min Scan# 499

Delta R.T. 0.01 min

Lab File: VN062073.D

Acq: 24 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

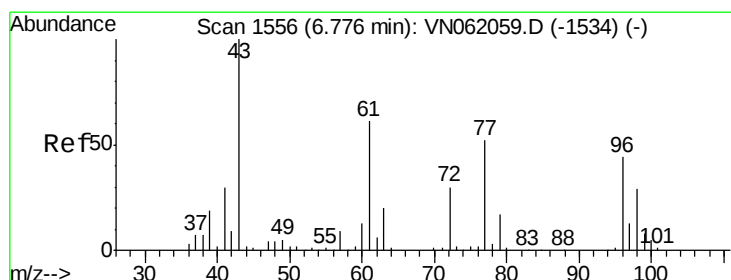
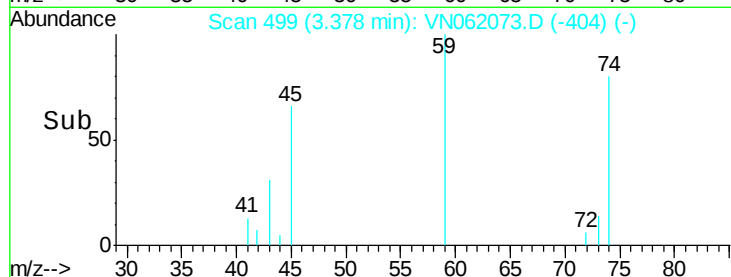
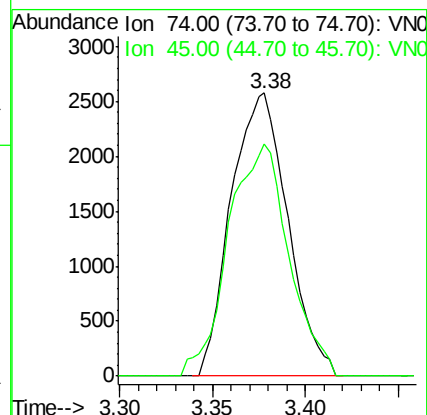
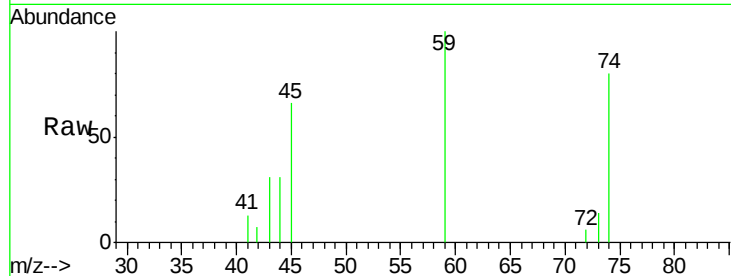
LF017MW005-200616

Tot Ion: 74 Resp: 5469

Ion Ratio Lower Upper

74 100

45 87.7 42.5 127.5



#27

cis-1,2-Dichloroethene

Concen: 15.675 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062073.D

Acq: 24 Jun 2020 19:25

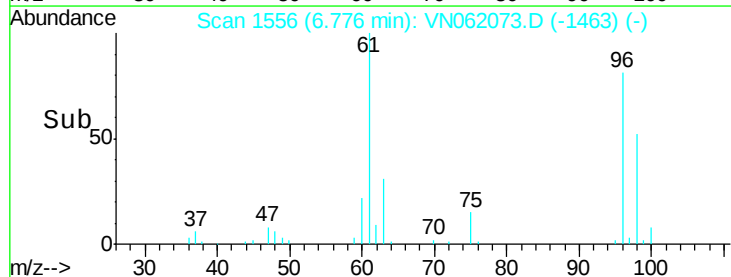
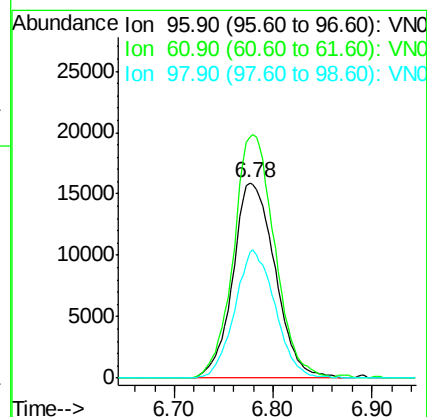
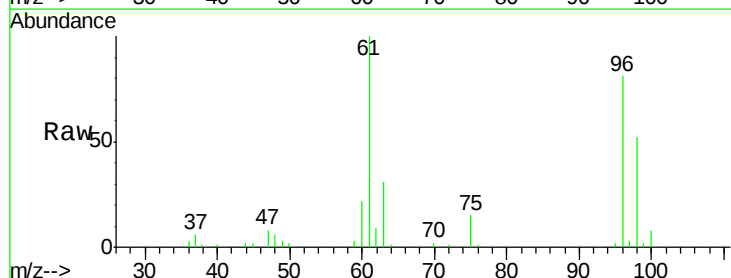
Tgt Ion: 96 Resp: 47332

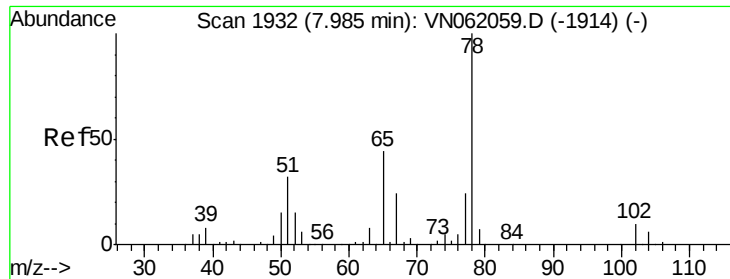
Ion Ratio Lower Upper

96 100

61 121.3 0.0 280.4

98 62.7 0.0 129.4

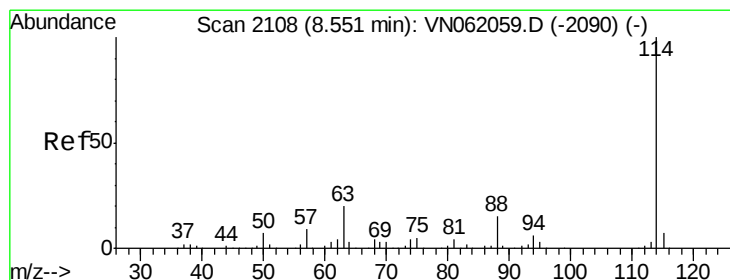
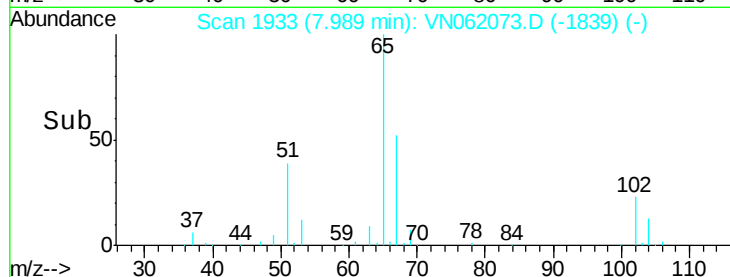
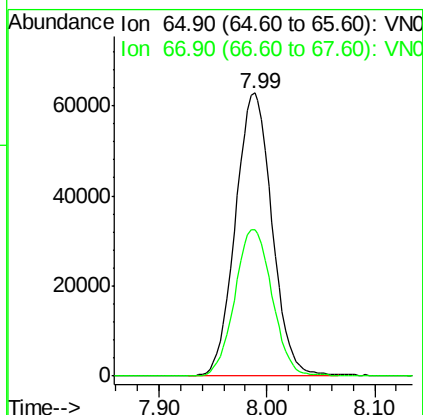
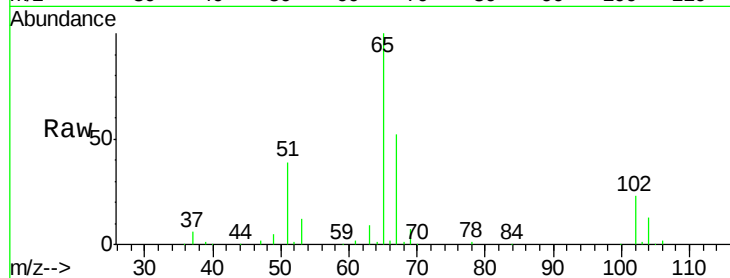




#33
 1,2-Dichloroethane-d4
 Concen: 51.575 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062073.D
 Acq: 24 Jun 2020 19:25

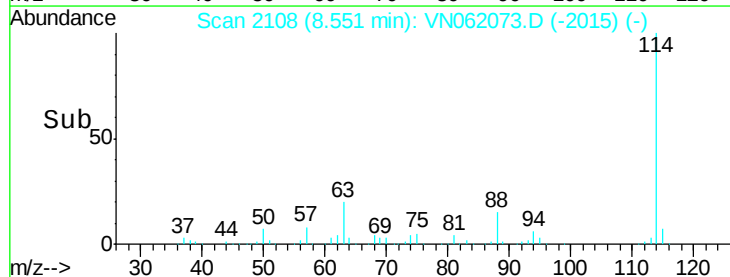
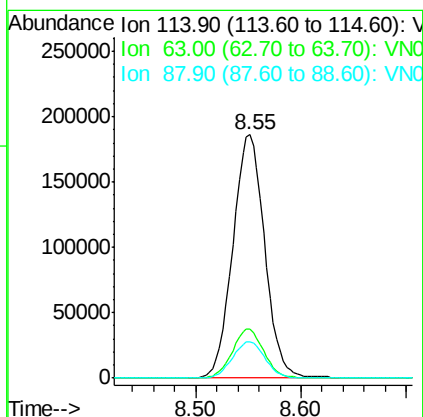
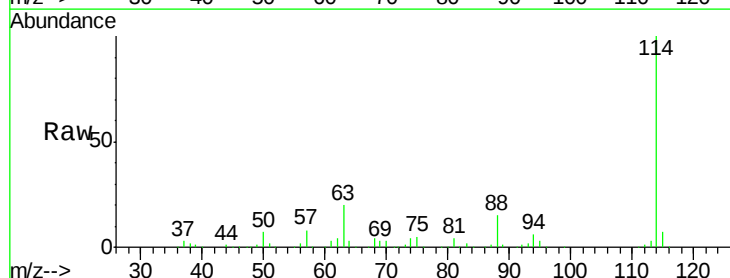
Instrument :
 MSVOA_N
 ClientSampleId :
 LF017MW005-200616

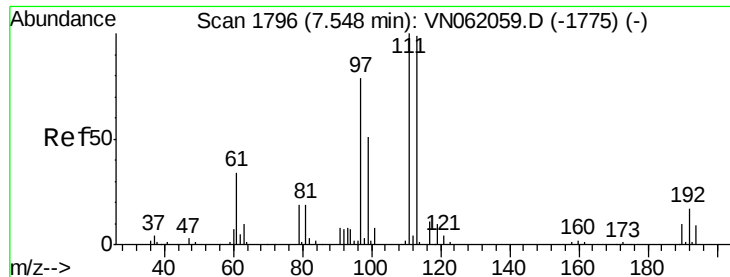
Tot Ion: 65 Resp: 148480
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062073.D
 Acq: 24 Jun 2020 19:25

Tgt Ion: 114 Resp: 389766
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.2
 88 15.0 0.0 30.8

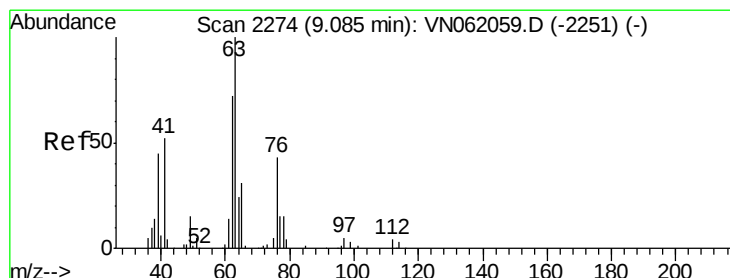
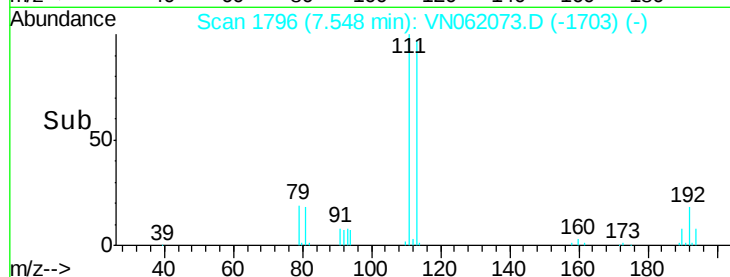
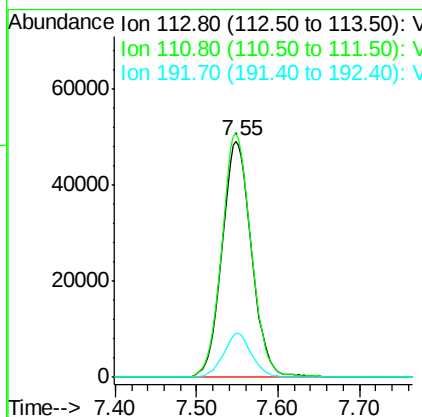
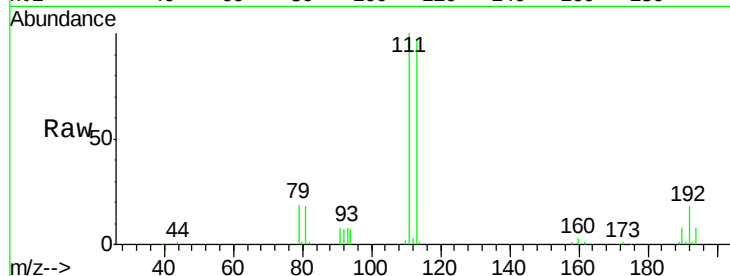




#35
 Dibromofluoromethane
 Concen: 50.101 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062073.D
 Acq: 24 Jun 2020 19:25

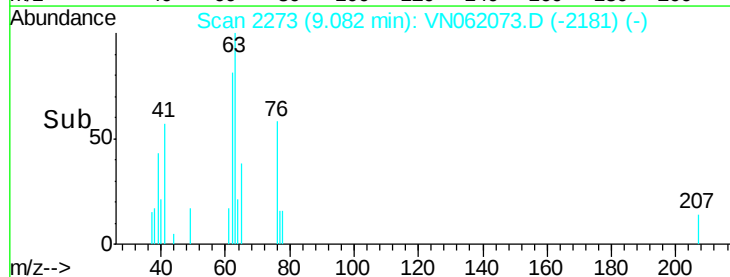
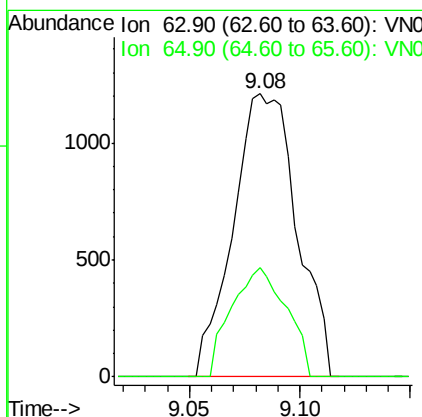
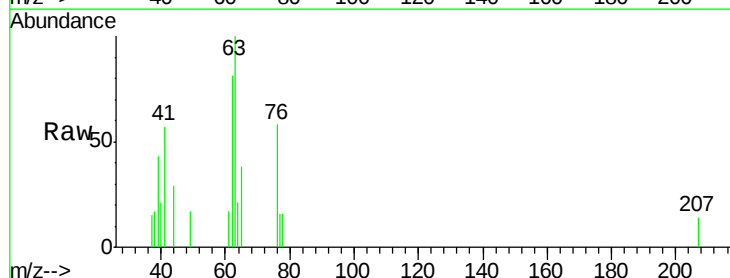
Instrument :
 MSVOA_N
 ClientSampleId :
 LF017MW005-200616

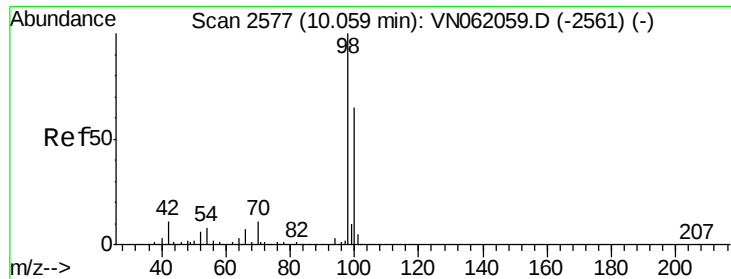
Tot Ion:113 Resp: 125280
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 17.6 14.0 21.0



#45
 1,2-Dichloropropane
 Concen: 0.826 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062073.D
 Acq: 24 Jun 2020 19:25

Tgt Ion: 63 Resp: 2433
 Ion Ratio Lower Upper
 63 100
 65 38.5 25.0 37.4#





#50

Toluene-d8

Concen: 48.863 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062073.D

Acq: 24 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

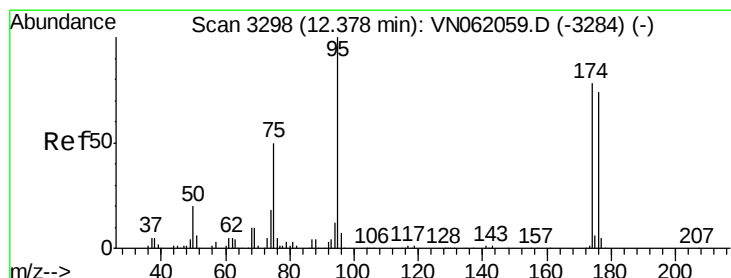
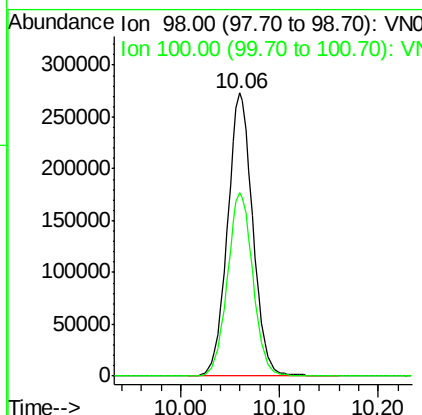
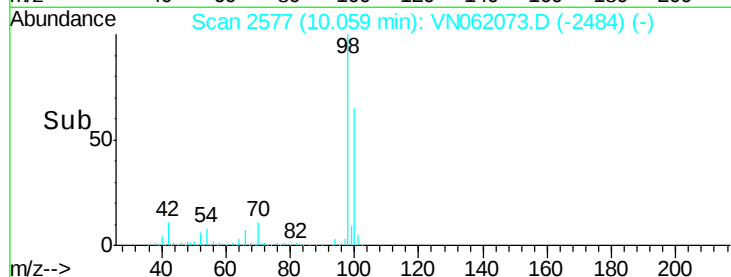
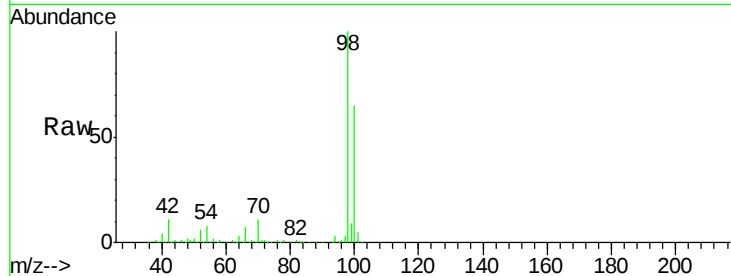
LF017MW005-200616

Tot Ion: 98 Resp: 488409

Ion Ratio Lower Upper

98 100

100 65.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.340 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062073.D

Acq: 24 Jun 2020 19:25

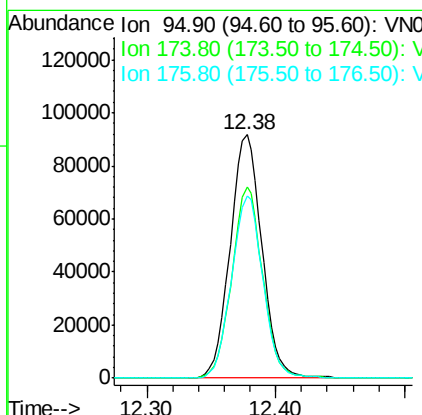
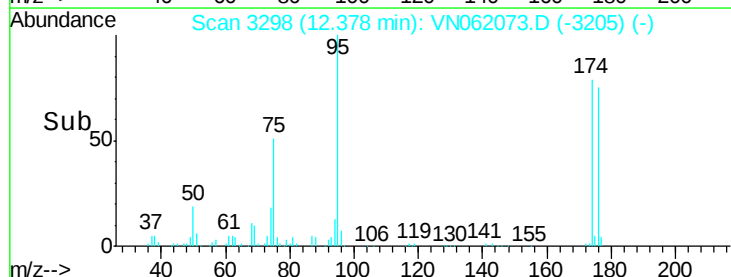
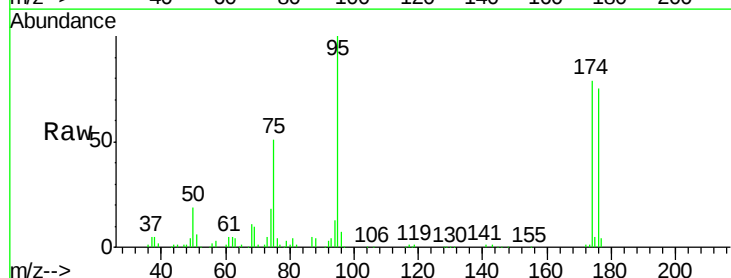
Tgt Ion: 95 Resp: 156494

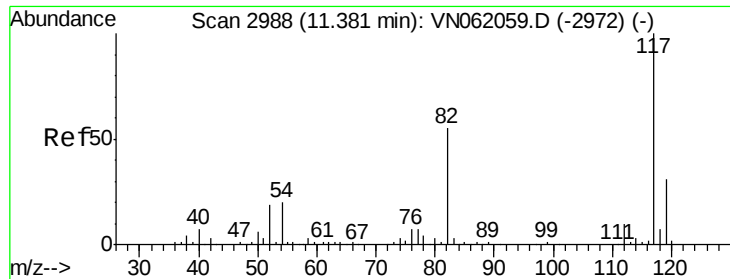
Ion Ratio Lower Upper

95 100

174 76.7 0.0 154.8

176 74.3 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062073.D

Acq: 24 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

LF017MW005-200616

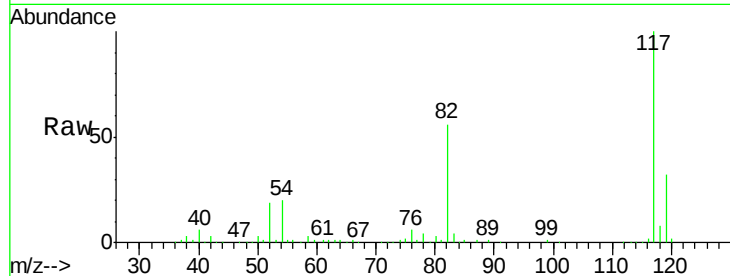
Tot Ion:117 Resp: 378293

Ion Ratio Lower Upper

117 100

82 56.1 43.8 65.8

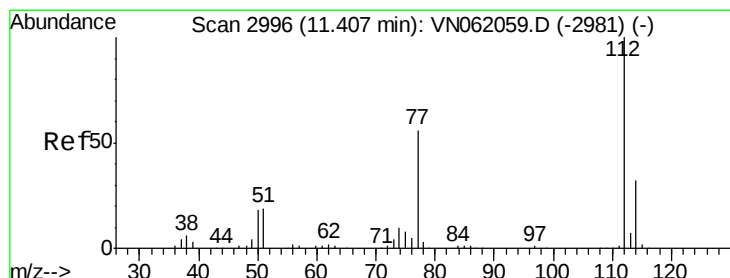
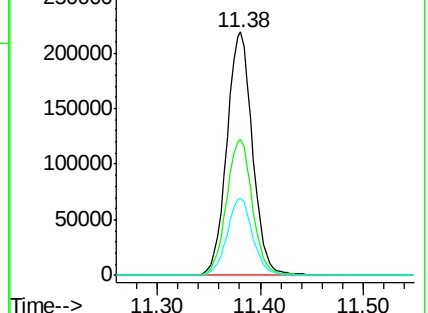
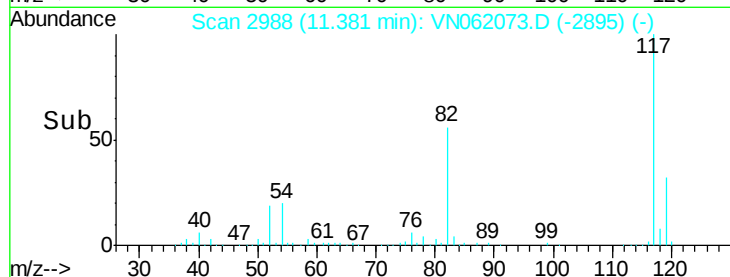
119 31.9 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 0.619 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062073.D

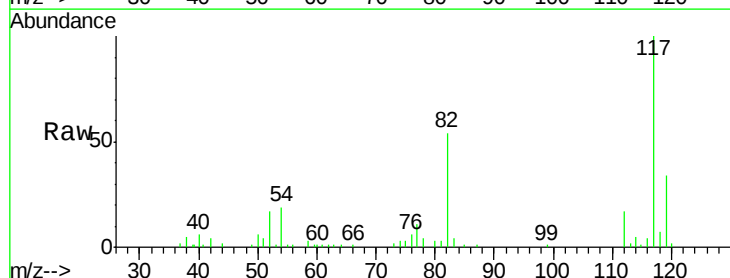
Acq: 24 Jun 2020 19:25

Tgt Ion:112 Resp: 5146

Ion Ratio Lower Upper

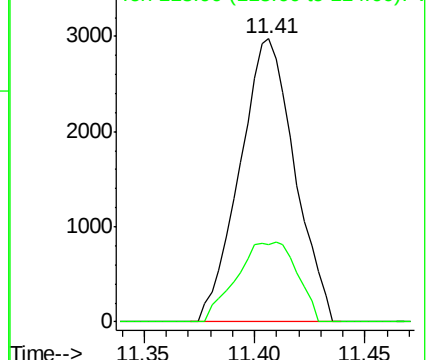
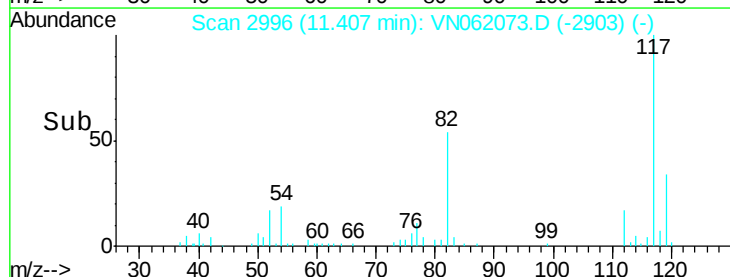
112 100

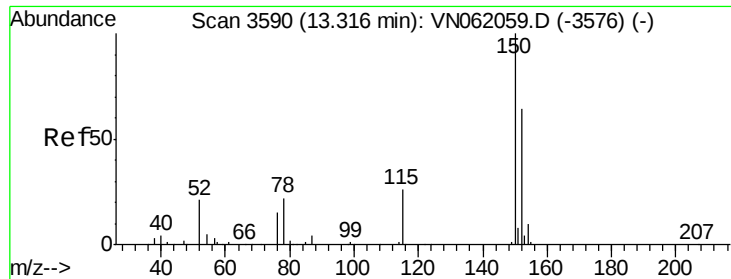
114 27.2 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062073.D

Acq: 24 Jun 2020 19:25

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ClientSampleId :

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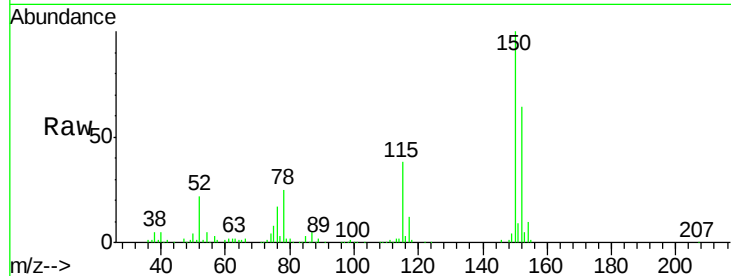
Tot Ion:152 Resp: 136234

Ion Ratio Lower Upper

152 100

115 59.2 29.5 88.5

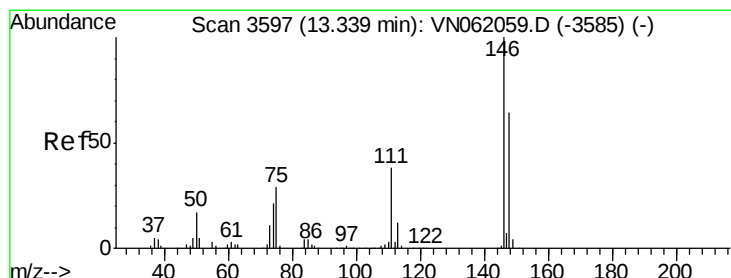
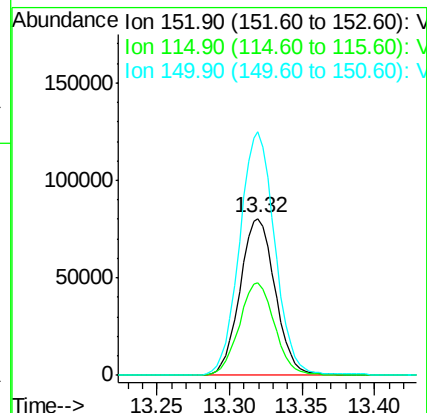
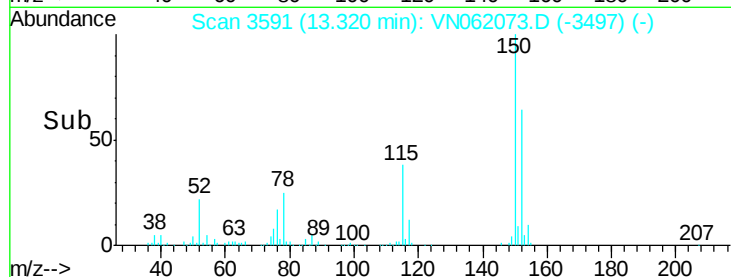
150 156.2 0.0 351.4



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



#88

1,4-Dichlorobenzene

Concen: 1.349 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN062073.D

Acq: 24 Jun 2020 19:25

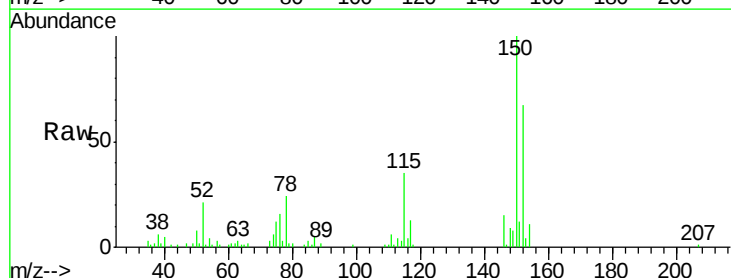
Tgt Ion:146 Resp: 6392

Ion Ratio Lower Upper

146 100

111 67.9 19.9 59.6#

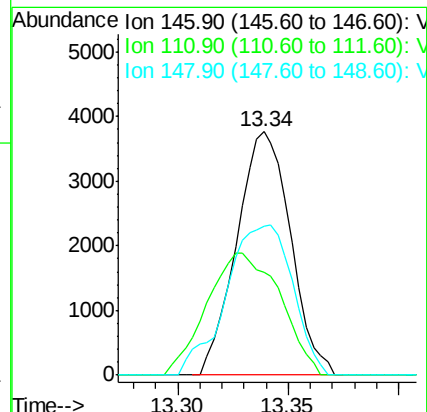
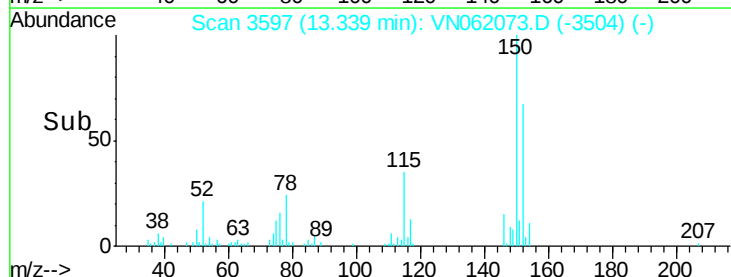
148 75.6 31.9 95.9

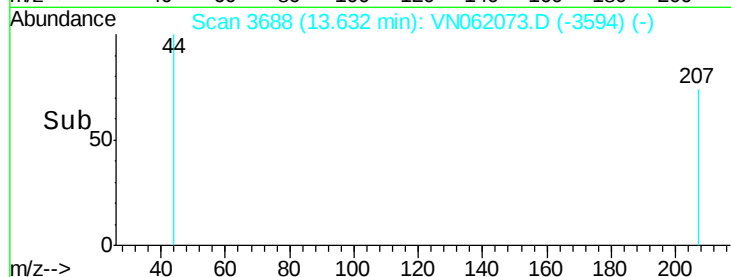
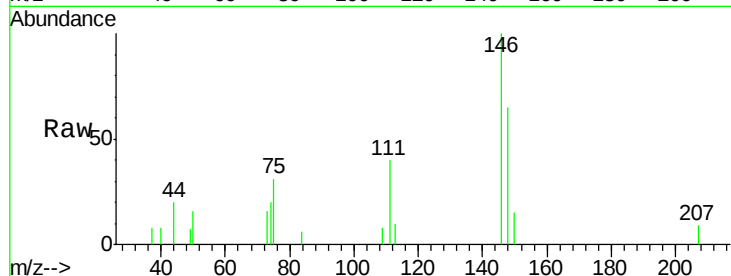
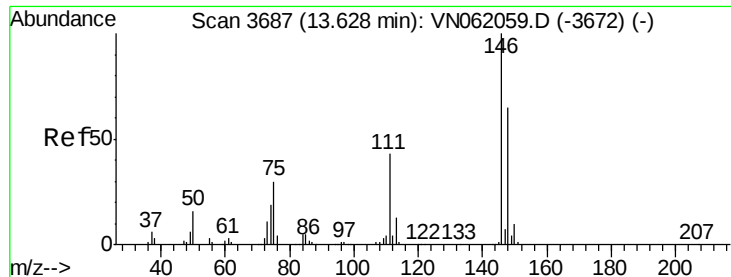


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 0.967 ug/l

RT: 13.63 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VN062073.D

Acq: 24 Jun 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

LF017MW005-200616

Tot Ion:146 Resp: 4309

Ion Ratio Lower Upper

146 100

111 38.8 21.2 63.6

148 62.6 31.9 95.5

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

